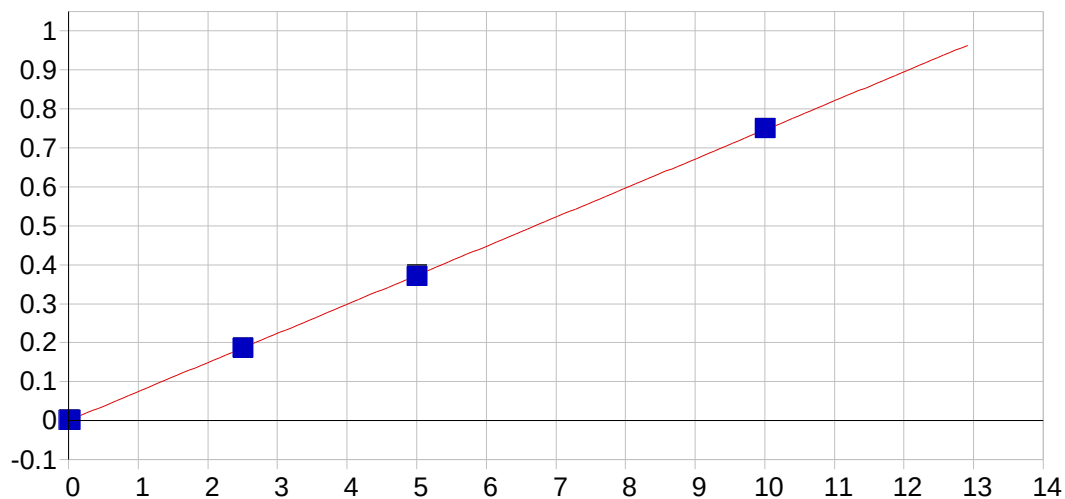


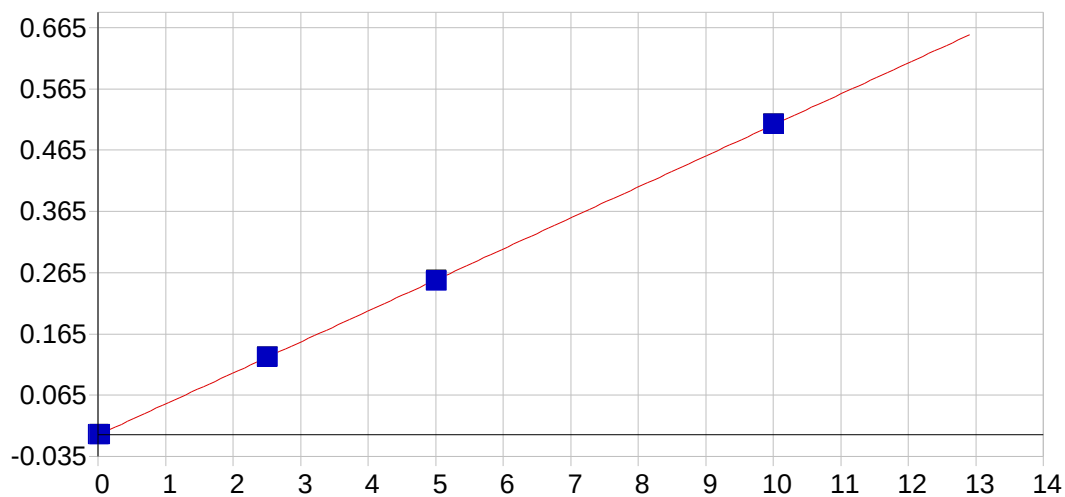


As 189.042 {478}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.074630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002885
 Predicted MQL: 0.009617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02000	.01607	-.004	-19.6	.00102	.000	1
S3	2.5000	2.4991	-.001	-.036	.18632	.000	1
S4	5.0000	4.9669	-.033	-.662	.37048	.002	1
S5	10.000	10.038	.038	.379	.74890	.001	1



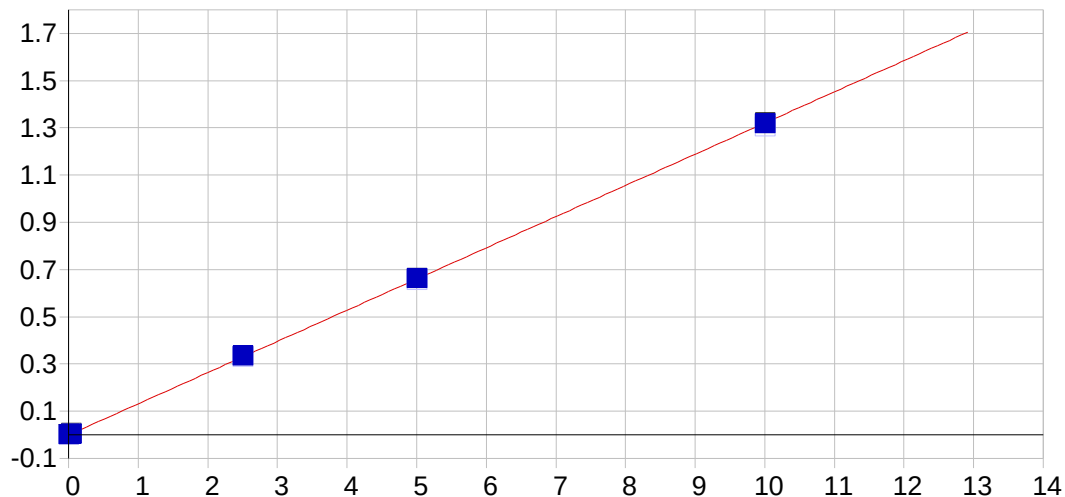
As 189.042 {479}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000

A1 (Gain): 0.050593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002734
 Predicted MQL: 0.009114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.02000	.01633	-.004	-18.4	.00086	.000	1
S3	2.5000	2.5051	.005	.206	.12678	.000	1
S4	5.0000	4.9700	-.030	-.601	.25149	.001	1
S5	10.000	10.029	.029	.286	.50742	.000	1

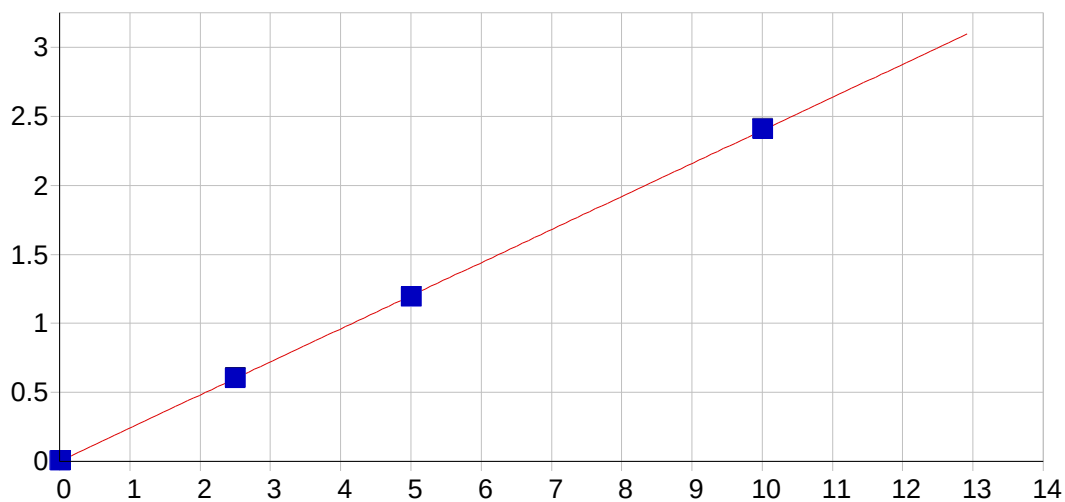


TI 190.856 {477}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.132112 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001310
 Predicted MQL: 0.004365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.04000	.03714	-.003	-7.14	.00420	.000	1
S3	2.5000	2.5226	.023	.905	.32932	.001	1
S4	5.0000	5.0047	.005	.093	.65384	.002	1
S5	10.000	9.9755	-.024	-.245	1.3038	.002	1

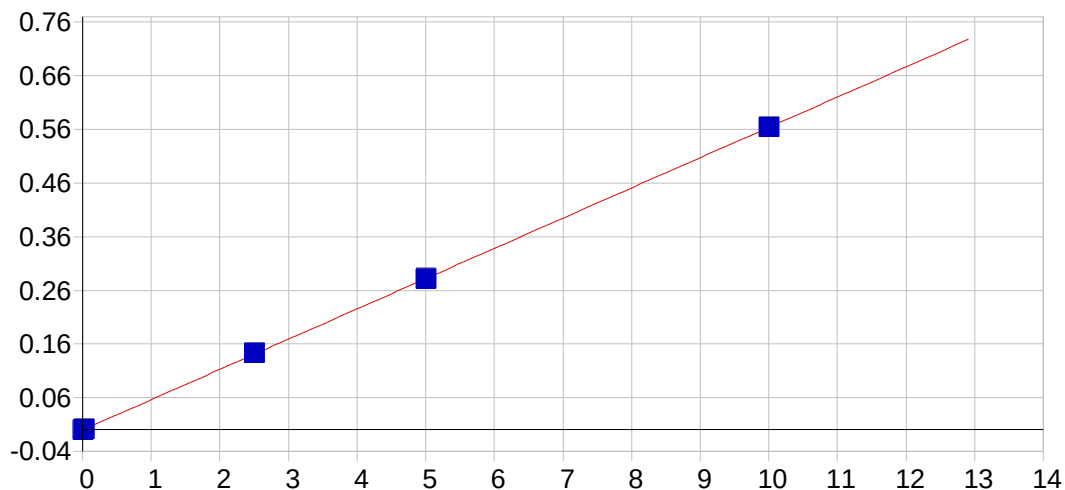


Pb 220.353 {453}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002327 Re-Slope: 1.000000
 A1 (Gain): 0.239591 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.001113
 Predicted MQL: 0.003709

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.000	1
S1	.01200	.01049	-.002	-12.6	.00479	.000	1
S3	2.5000	2.4971	-.003	-.114	.59980	.001	1
S4	5.0000	4.9608	-.039	-.784	1.1892	.002	1
S5	10.000	10.044	.044	.436	2.4054	.001	1



Se 196.090 {472}

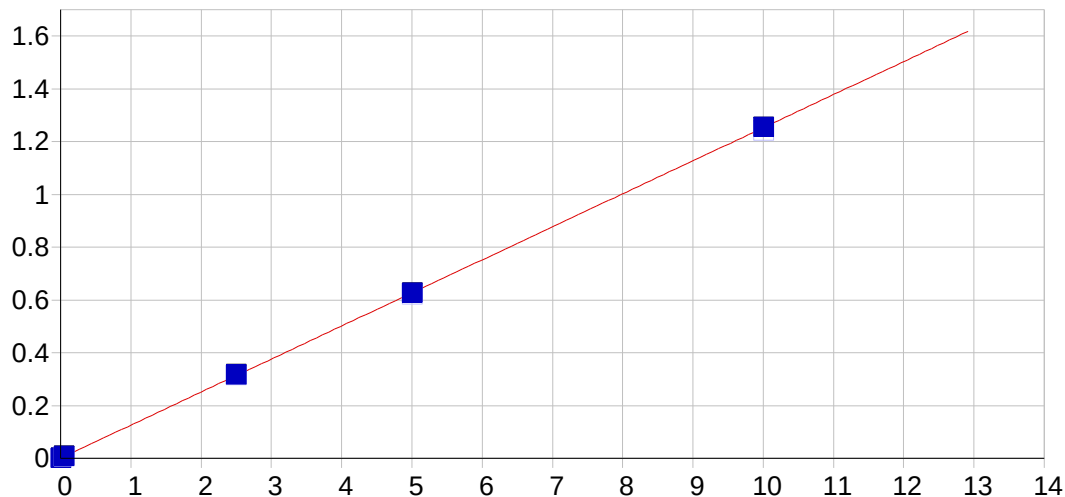
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.056387 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000009
 Predicted MDL: 0.003474
 Predicted MQL: 0.011580

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02000	.01695	-.003	-15.2	.00084	.000	1
S3	2.5000	2.5242	.024	.966	.14220	.001	1
S4	5.0000	4.9902	-.010	-.196	.28124	.001	1
S5	10.000	9.9887	-.011	-.113	.56305	.000	1

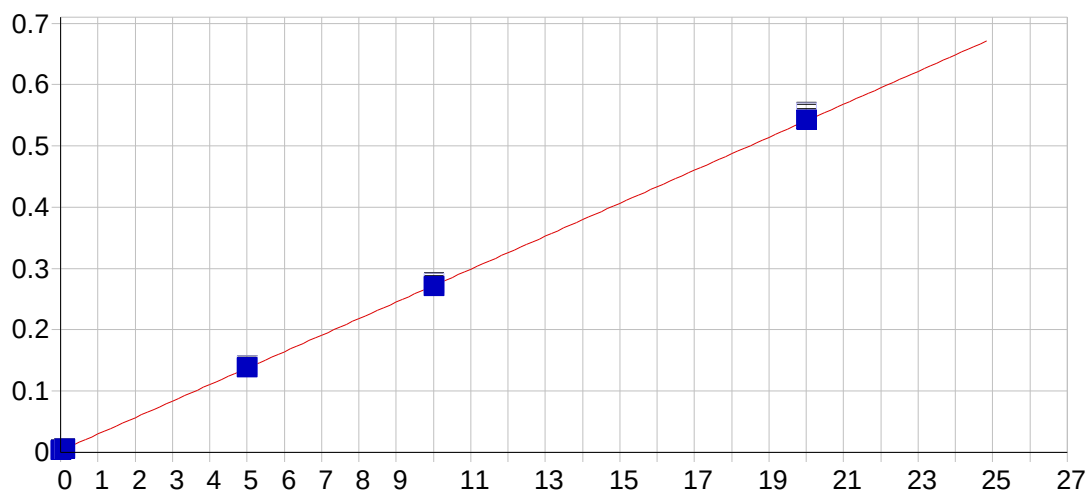


Sb 206.833 {463}

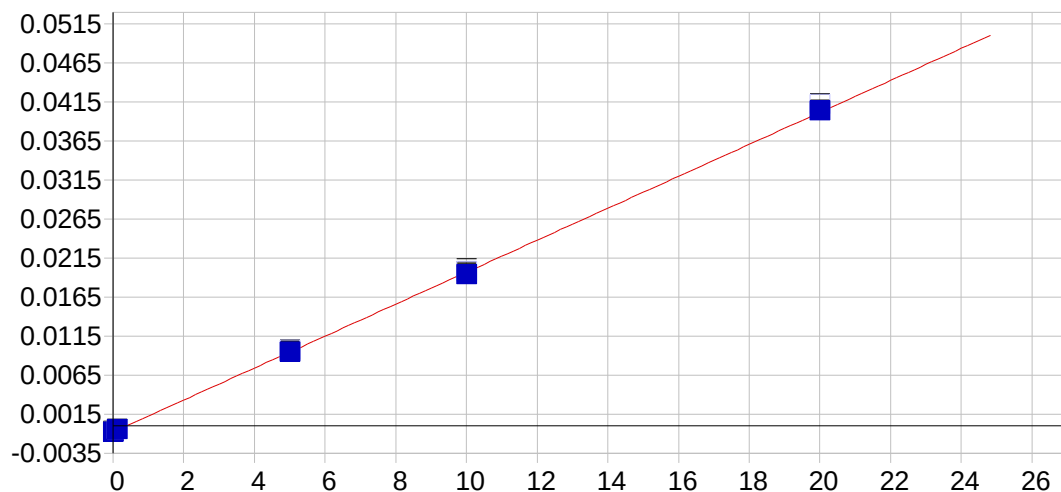
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000608 Re-Slope: 1.000000
 A1 (Gain): 0.125217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001903
 Predicted MQL: 0.006345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00061	.000	1
S1	.05000	.04362	-.006	-12.8	.00591	.000	1
S3	2.5000	2.5193	.019	.771	.31255	.001	1
S4	5.0000	4.9836	-.016	-.329	.61760	.000	1
S5	10.000	10.003	.003	.034	1.2391	.001	1



AI 308.215 {109}							
Date of Fit:		12/13/2018 18:43:07		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.002873		Re-Slope:		1.000000	
A1 (Gain):		0.026906		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999947		Status:	OK.		
Std Error of Est:		0.000022					
Predicted MDL:		0.003816					
Predicted MQL:		0.012721					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00287	.000	1
S1	.10000	.08150	-.018	-18.5	.00525	.000	1
S3	5.0000	5.0249	.025	.499	.14075	.000	1
S4	10.000	9.9510	-.049	-.490	.27597	.000	1
S5	20.000	20.044	.044	.218	.55289	.002	1

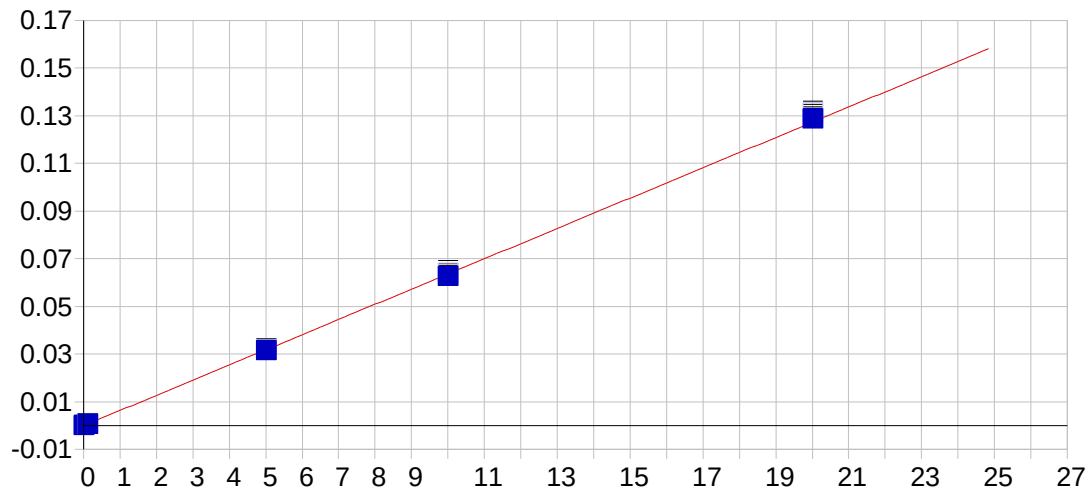


Date of Fit: 12/13/2018 18:43:07		Type of Fit: Linear	Weighting: 1/Conc	
A0 (Offset):	-0.000767	Re-Slope:	1.000000	
A1 (Gain):	0.002047	Y-int:	0.000000	

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698
 Std Error of Est: 0.000004
 Predicted MDL: 0.037030
 Predicted MQL: 0.123434

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00077	.000	1
S1	.10000	.14426	.044	44.3	-.00046	.000	1
S3	5.0000	4.9964	-.004	-.073	.00967	.000	1
S4	10.000	9.8592	-.141	-1.41	.01983	.000	1
S5	20.000	20.098	.098	.490	.04120	.000	1

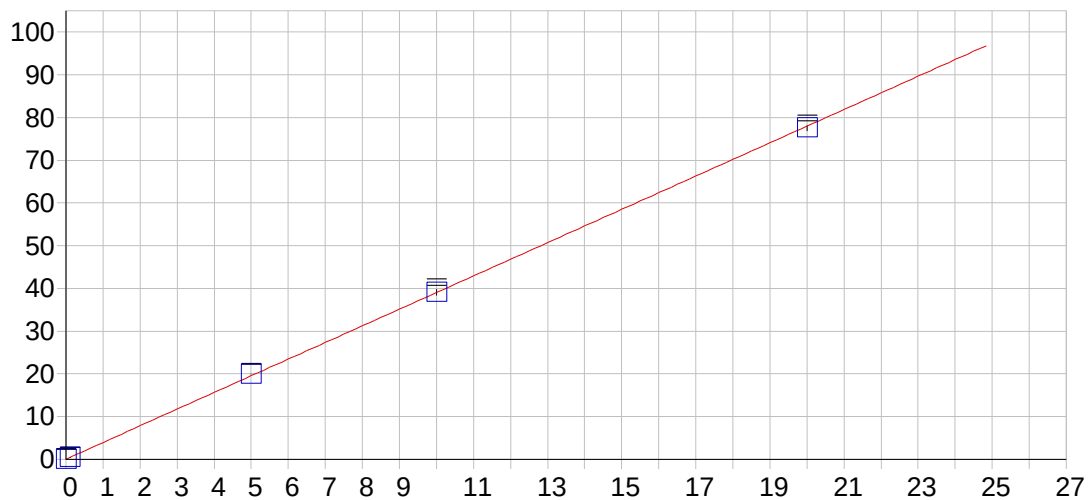


AI 396.152 { 85}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.006369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.017274
 Predicted MQL: 0.057581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00009	.000	1
S1	.10000	.09189	-.008	-8.11	.00054	.000	1
S3	5.0000	4.9437	-.056	-1.13	.03203	.000	1
S4	10.000	9.8491	-.151	-1.51	.06390	.001	1
S5	20.000	20.216	.216	1.08	.13120	.001	1

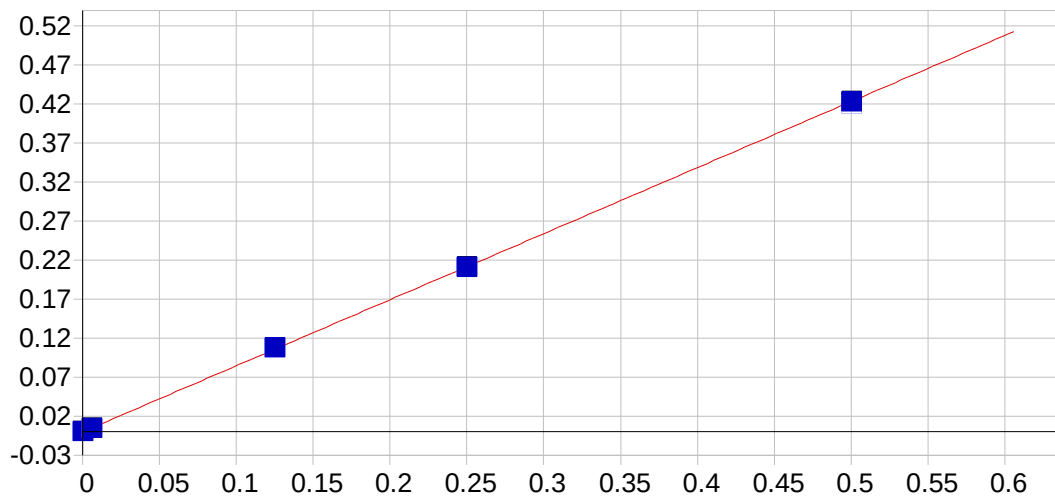


Ba 493.409 { 68}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.072272 Re-Slope: 1.000000
 A1 (Gain): 3.896171 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.003031
 Predicted MDL: 0.000810
 Predicted MQL: 0.002701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.07229	.004	1
S1	.10000	.09303	-.007	-6.97	.43471	.000	1
S3	5.0000	5.1097	.110	2.19	19.980	.121	1
S5	20.000	19.880	-.120	-.598	77.530	.698	1
S4	10.000	10.017	.017	.168	39.100	.722	1



Be 234.861 {144}

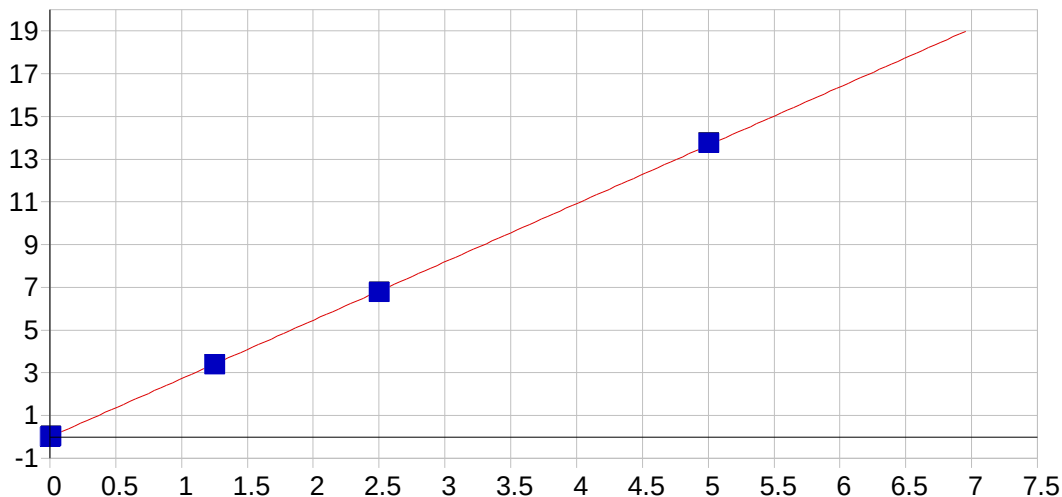
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.846635 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000031
 Predicted MDL: 0.000078
 Predicted MQL: 0.000259

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00600	.00530	-.001	-11.7	.00446	.000	1
S3	.12500	.12741	.002	1.93	.10723	.000	1
S4	.25000	.24950	-.001	-.201	.20993	.000	1
S5	.50000	.49880	-.001	-.241	.41967	.001	1



Cd 226.502 {449}

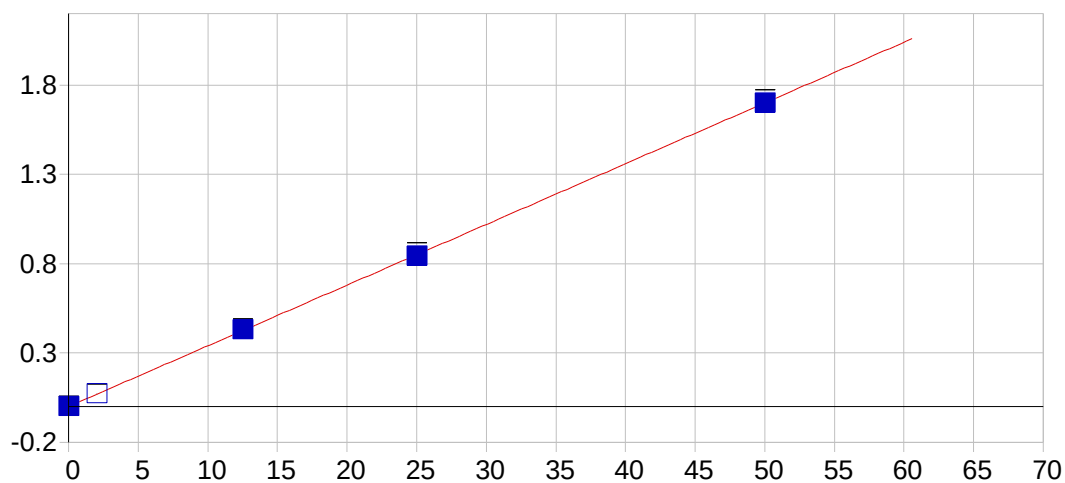
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000434
 A1 (Gain): 2.730553
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000264
 Predicted MDL: 0.000103
 Predicted MQL: 0.000343

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	-.00043	.000	1
S1	.00600	.00455	-.001	-24.2	.01202	.000	1
S3	1.2500	1.2369	-.013	-1.04	3.3779	.001	1
S4	2.5000	2.4785	-.022	-.860	6.7688	.002	1
S5	5.0000	5.0360	.036	.720	13.754	.010	1

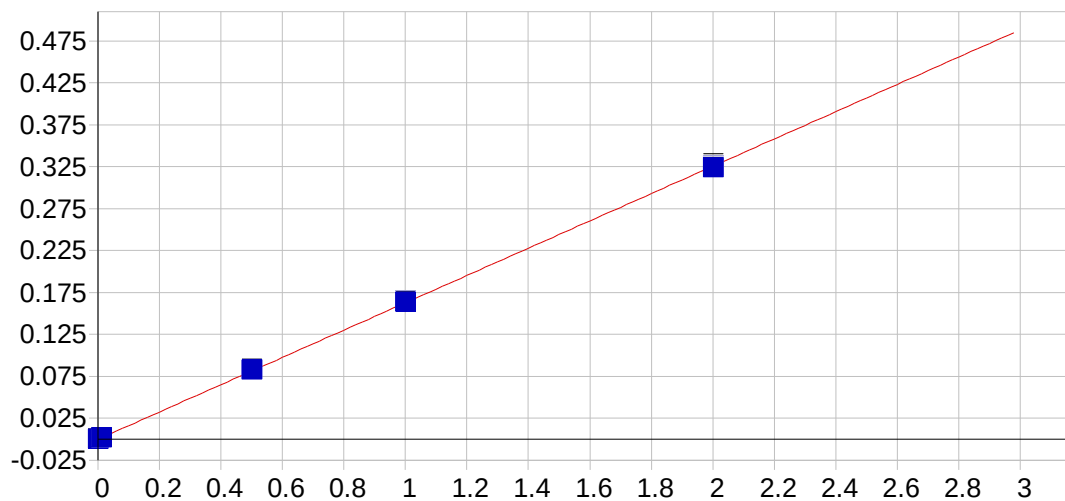


Ca 373.690 { 90}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000407 Re-Slope: 1.000000
 A1 (Gain): 0.033986 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.023274
 Predicted MQL: 0.077579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1075	.107	5.37	.07203	.002	1
S0	.00000	-.00011	-.000	.000	.00040	.001	1
S3	12.500	12.626	.126	1.00	.42973	.005	1
S4	25.000	24.765	-.235	-.942	.84251	.019	1
S5	50.000	50.002	.002	.005	1.7007	.016	1



Cr 267.716 {126}

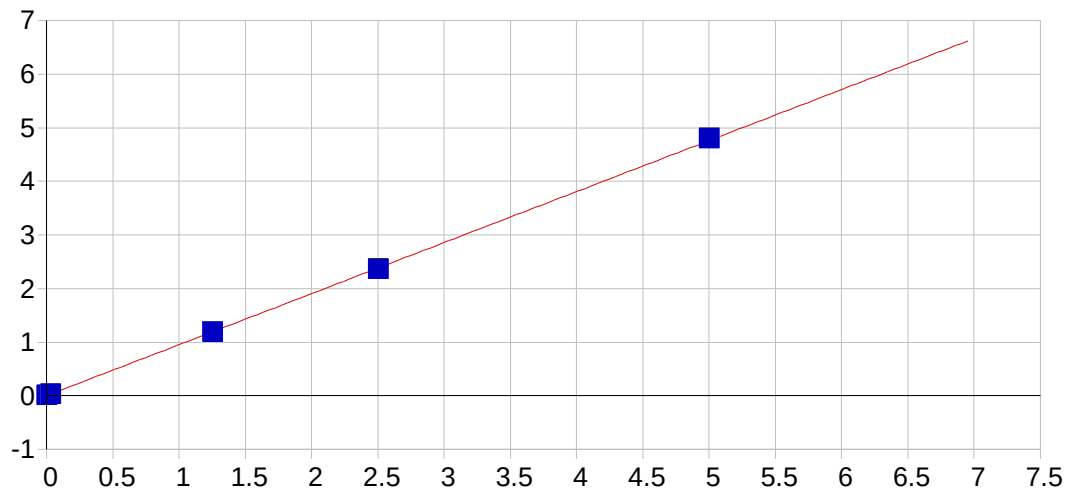
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.162807 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000011
 Predicted MDL: 0.000529
 Predicted MQL: 0.001764

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	.00935	-.001	-6.54	.00154	.000	1
S3	.50000	.50863	.009	1.73	.08343	.000	1
S4	1.0000	1.0038	.004	.382	.16466	.000	1
S5	2.0000	1.9882	-.012	-.590	.32614	.002	1



Co 228.616 {447}

Date of Fit: 12/13/2018 18:43:07

Type of Fit: Linear

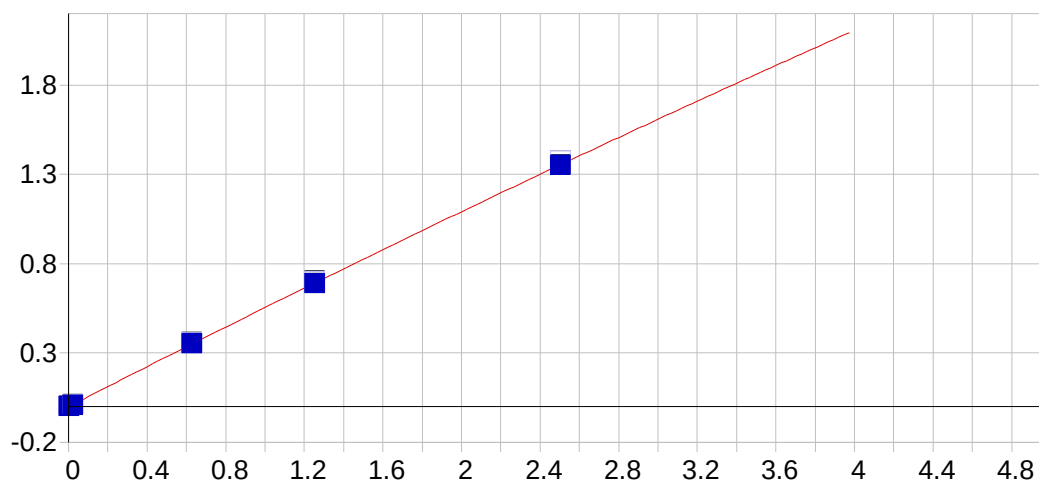
Weighting: 1/Conc

A0 (Offset): 0.000020
 A1 (Gain): 0.952110
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000208
 Predicted MDL: 0.000269
 Predicted MQL: 0.000895

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	.00002	.000	1
S1	.03000	.02668	-.003	-11.1	.02522	.000	1
S3	1.2500	1.2395	-.011	-.840	1.1811	.001	1
S4	2.5000	2.4765	-.023	-.938	2.3598	.001	1
S5	5.0000	5.0373	.037	.745	4.7998	.002	1

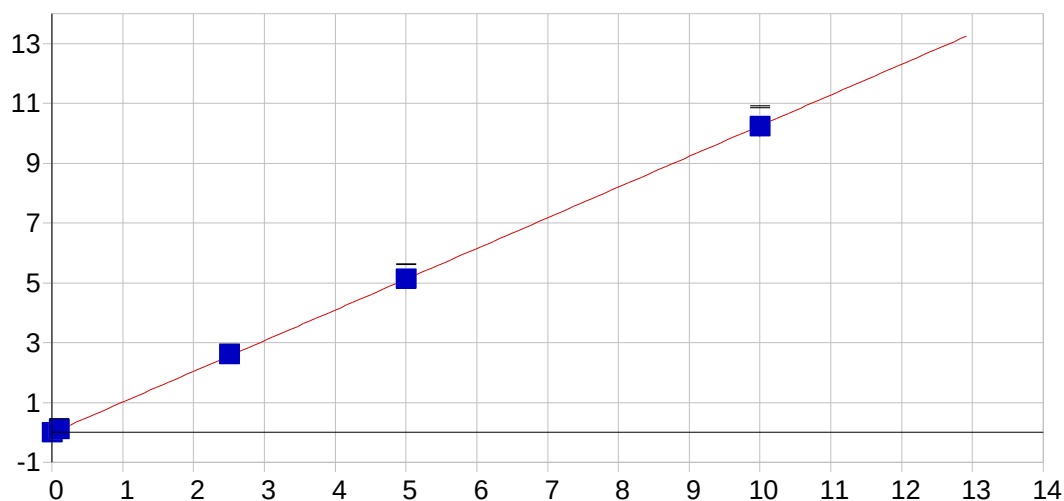


Cu 224.700 {450}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.564363 Y-int: 0.000000
 A2 (Curvature): -0.009392
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000564
 Predicted MQL: 0.001879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.02000	.01712	-.003	-14.4	.00964	.000	1
S3	.62500	.63164	.007	1.06	.35824	.000	1
S4	1.2500	1.2458	-.004	-.337	.69971	.001	1
S5	2.5000	2.5005	.000	.018	1.3751	.000	1



Fe 240.488 {140}

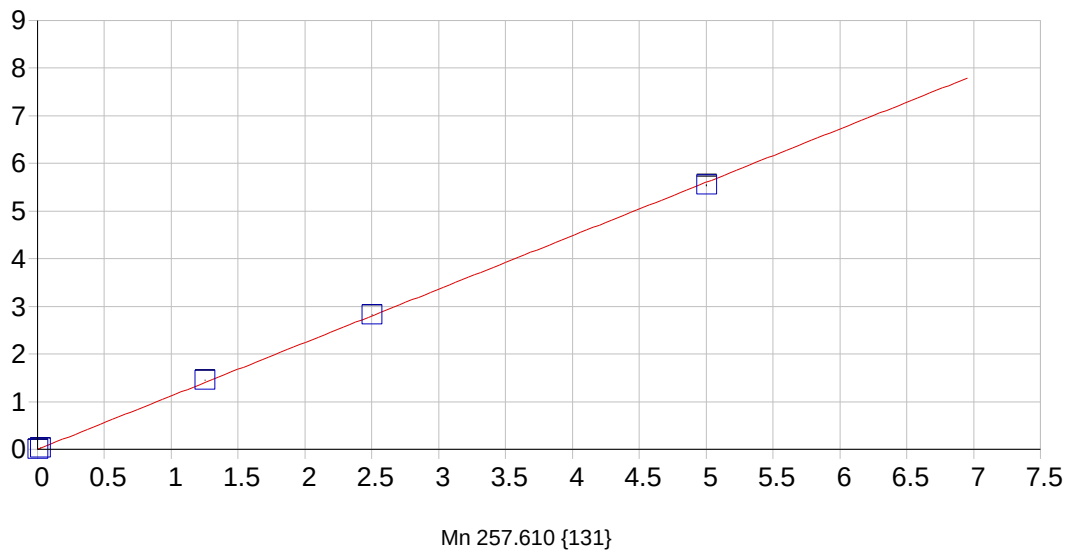
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.015636 Re-Slope: 1.000000
 A1 (Gain): 1.026952 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000463
 Predicted MDL: 0.011125
 Predicted MQL: 0.037084

Status: OK.

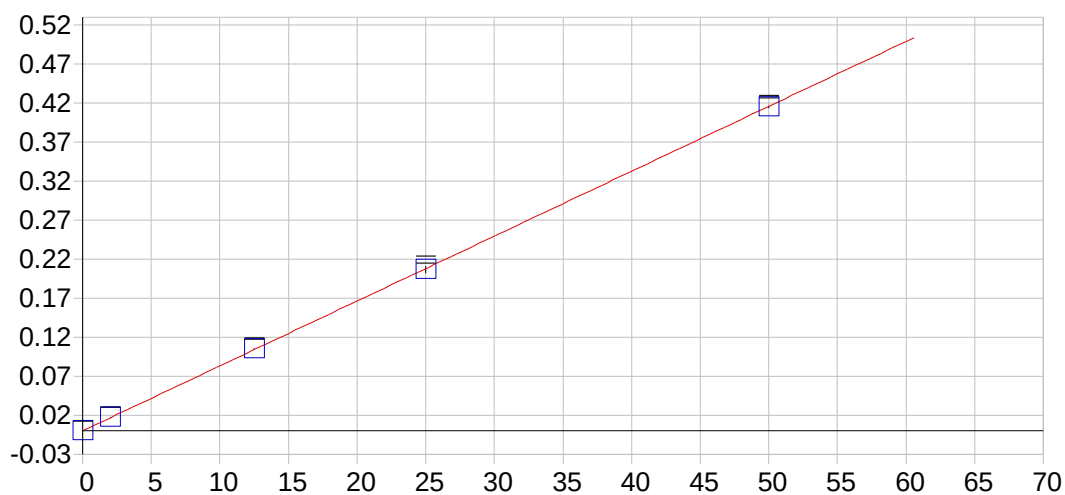
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01564	.002	1
S1	.10000	.10360	.004	3.60	.09126	.018	1
S3	2.5000	2.5462	.046	1.85	2.6121	.007	1
S4	5.0000	4.9991	-.001	-.019	5.1440	.153	1
S5	10.000	9.9512	-.049	-.488	10.255	.310	1



Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 1.120667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887 Status: OK.
 Std Error of Est: 0.000288
 Predicted MDL: 0.000074
 Predicted MQL: 0.000246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02000	.01901	-.001	-4.97	.02142	.000	1
S3	1.2500	1.2901	.040	3.21	1.4459	.000	1
S4	2.5000	2.5141	.014	.566	2.8176	.000	1
S5	5.0000	4.9467	-.053	-1.07	5.5437	.023	1

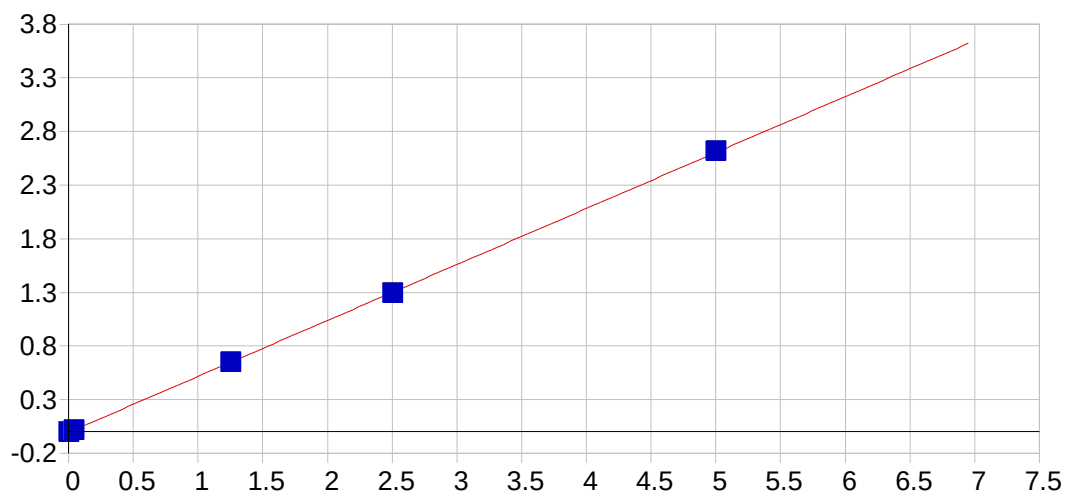


Mg 279.079 {121}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.008314 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.047172
 Predicted MQL: 0.157239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0874	.087	4.37	.01754	.000	1
S0	.00000	-.00010	-.000	.000	.00019	.000	1
S3	12.500	12.656	.156	1.25	.10541	.001	1
S4	25.000	24.833	-.167	-.669	.20665	.005	1
S5	50.000	49.924	-.076	-.152	.41525	.002	1



Ni 231.604 {445}

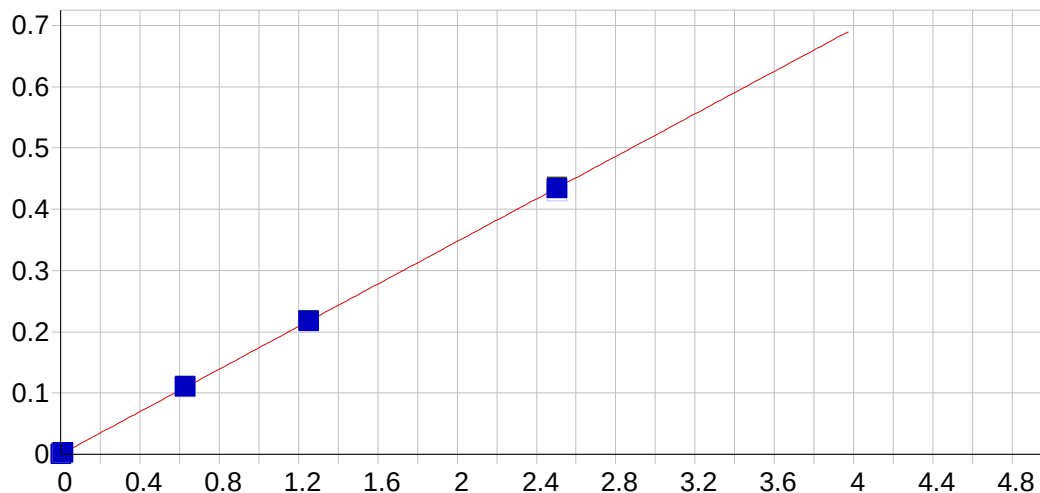
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004572 Re-Slope: 1.000000
 A1 (Gain): 0.521607 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000116
 Predicted MDL: 0.000514
 Predicted MQL: 0.001713

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00457	.000	1
S1	.04000	.03542	-.005	-11.5	.01391	.000	1
S3	1.2500	1.2509	.001	.071	.64861	.000	1
S4	2.5000	2.4822	-.018	-.713	1.2916	.000	1
S5	5.0000	5.0215	.022	.430	2.6175	.001	1



Ag 328.068 {103}

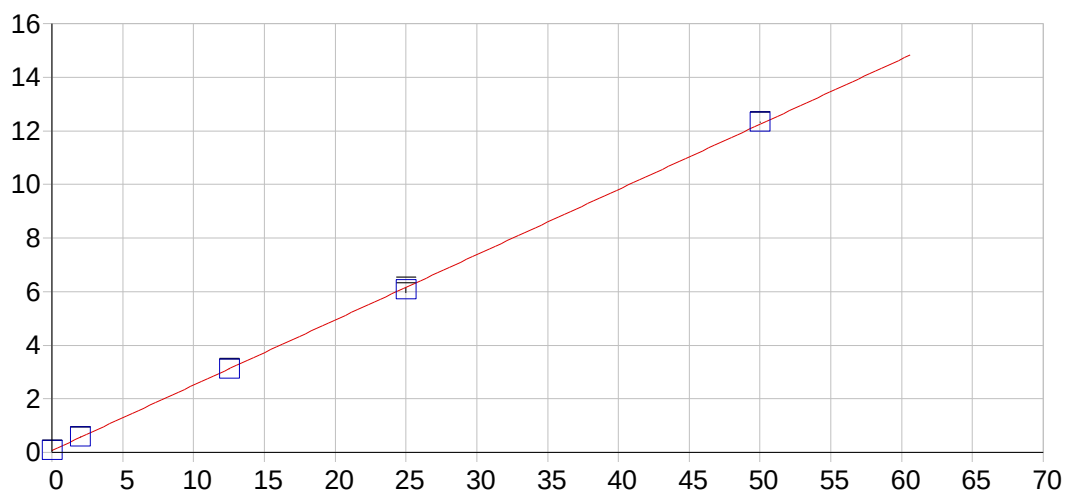
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000085
 A1 (Gain): 0.173636
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000010
 Predicted MDL: 0.000726
 Predicted MQL: 0.002422

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01000	.00904	-.001	-9.56	.00162	.000	1
S3	.62500	.63296	.008	1.27	.10876	.000	1
S4	1.2500	1.2482	-.002	-.142	.21436	.001	1
S5	2.5000	2.4948	-.005	-.210	.42834	.002	1

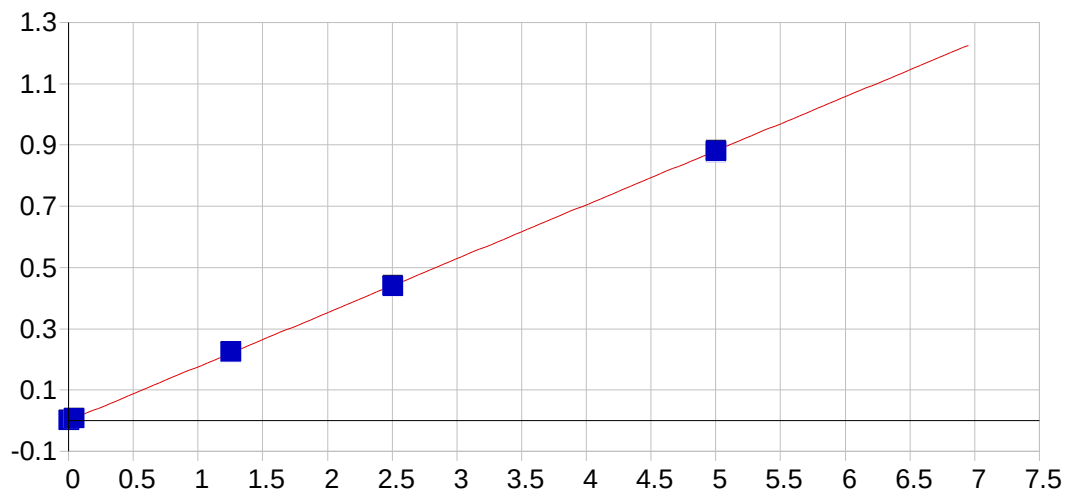


Na 589.592 { 57}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.073112 Re-Slope: 1.000000
 A1 (Gain): 0.243411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.001360
 Predicted MDL: 0.011539
 Predicted MQL: 0.038464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0438	.044	2.19	.57060	.005	1
S0	.00000	-.00003	-.000	.000	.07311	.002	1
S3	12.500	12.501	.001	.006	3.1159	.015	1
S4	25.000	24.611	-.389	-1.56	6.0637	.109	1
S5	50.000	50.344	.344	.688	12.327	.001	1



V 292.402 {115}

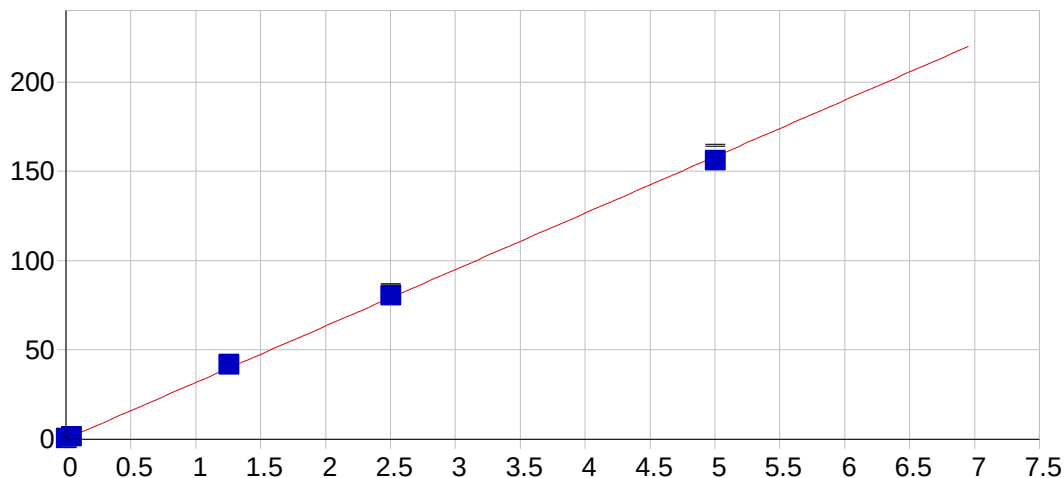
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.176301 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978
 Std Error of Est: 0.000028
 Predicted MDL: 0.000606
 Predicted MQL: 0.002020

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.04000	.03836	-.002	-4.09	.00654	.000	1
S3	1.2500	1.2687	.019	1.50	.22212	.000	1
S4	2.5000	2.4923	-.008	-.308	.43640	.002	1
S5	5.0000	4.9906	-.009	-.187	.87398	.002	1



Zn 206.200 {163}

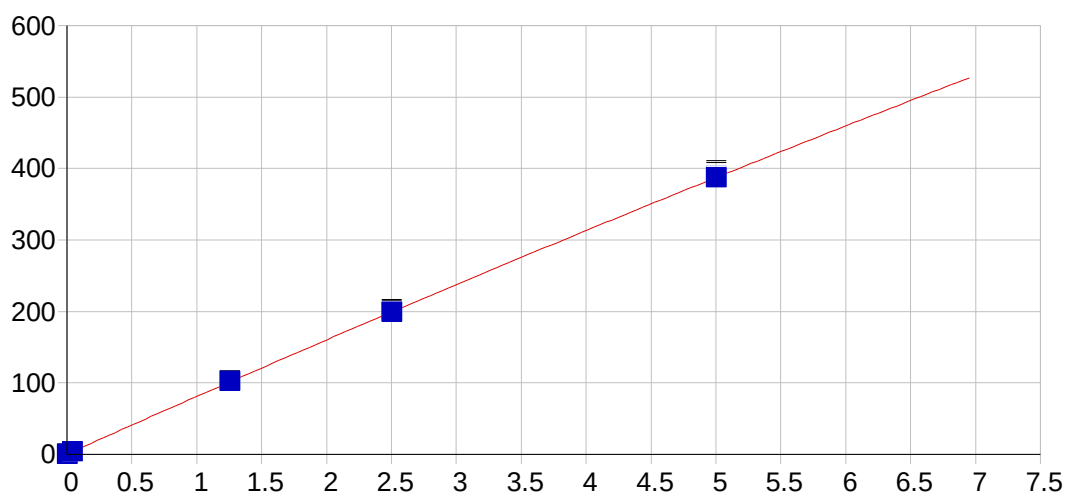
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.217083
 A1 (Gain): 31.593955
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778
 Std Error of Est: 0.016210
 Predicted MDL: 0.000488
 Predicted MQL: 0.001625

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	.21711	.023	1
S1	.04000	.03774	-.002	-5.65	1.4178	.025	1
S3	1.2500	1.3035	.053	4.28	41.637	.266	1
S4	2.5000	2.5275	.027	1.10	80.547	.904	1
S5	5.0000	4.9213	-.079	-1.57	156.66	2.60	1

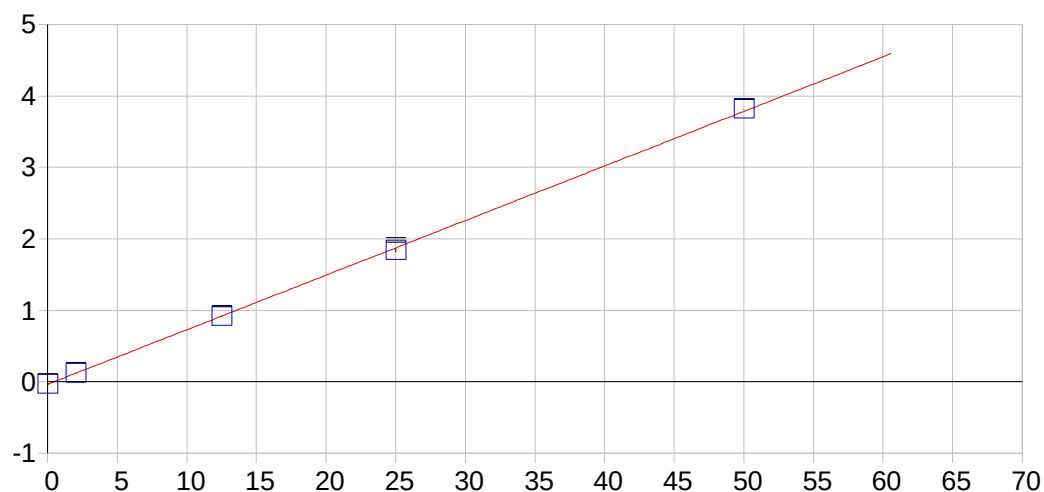


Zn 213.856 {458}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.380739 Re-Slope: 1.000000
 A1 (Gain): 81.583382 Y-int: 0.000000
 A2 (Curvature): -0.841603
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.024022
 Predicted MDL: 0.000094
 Predicted MQL: 0.000315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.38117	.019	1
S1	.04000	.03444	-.006	-13.9	3.2108	.058	1
S3	1.2500	1.2607	.011	.855	102.51	.788	1
S4	2.5000	2.4952	-.005	-.194	199.94	2.33	1
S5	5.0000	4.9997	-.000	-.006	389.70	7.06	1



K 766.490 {44}

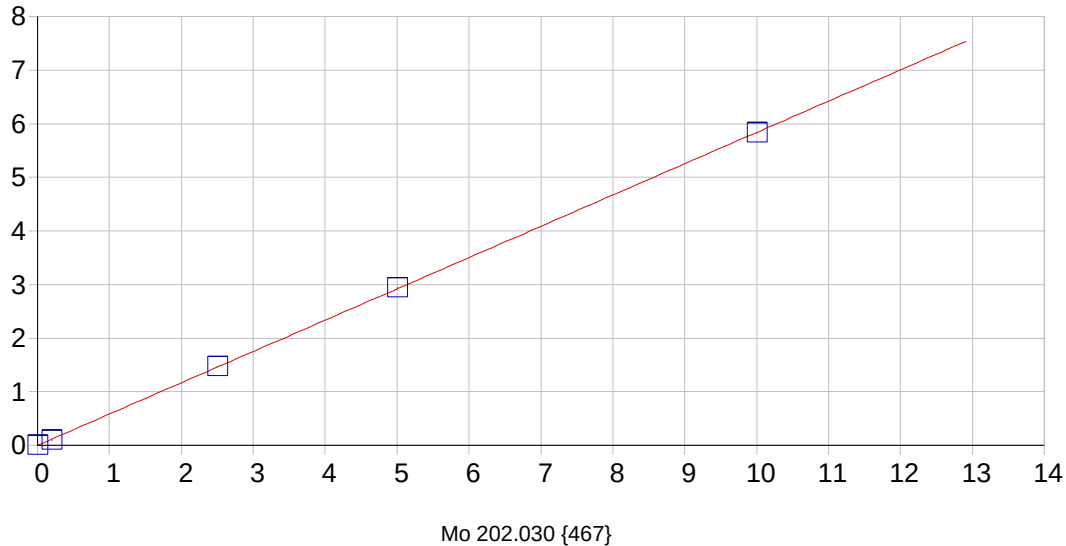
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.034871 Re-Slope: 1.000000
 A1 (Gain): 0.076379 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000495
 Predicted MDL: 0.040534
 Predicted MQL: 0.135113

Status: OK.

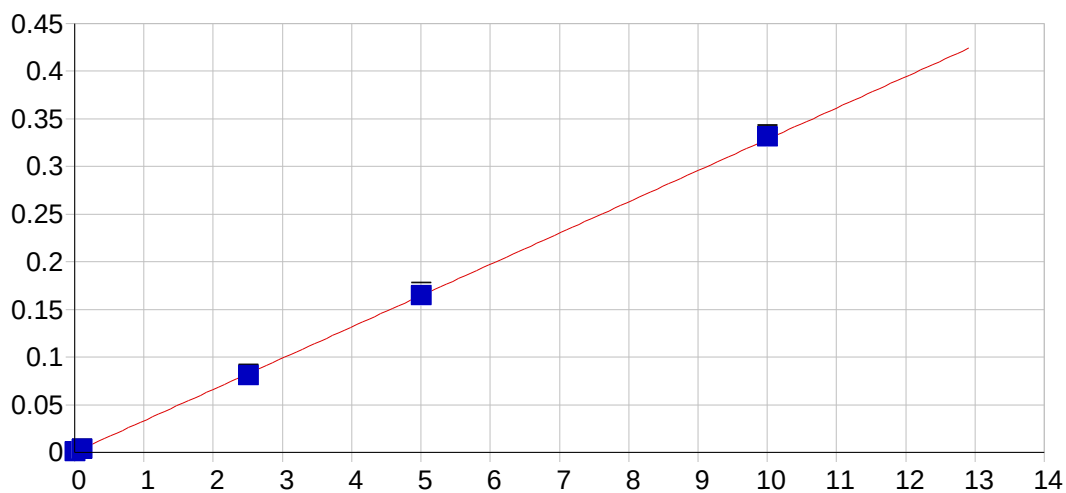
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0487	.049	2.43	.12160	.003	1
S0	.00000	-.00002	-.000	.000	-.03487	.001	1
S3	12.500	12.461	-.039	-.314	.91687	.006	1
S4	25.000	24.563	-.437	-1.75	1.8412	.033	1
S5	50.000	50.428	.428	.855	3.8168	.005	1



Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.583688 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000877
 Predicted MDL: 0.000329
 Predicted MQL: 0.001096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00018	.000	1
S1	.20000	.16401	-.036	-18.0	.09589	.001	1
S3	2.5000	2.5167	.017	.667	1.4691	.000	1
S4	5.0000	5.0299	.030	.597	2.9360	.005	1
S5	10.000	9.9894	-.011	-.106	5.8309	.005	1

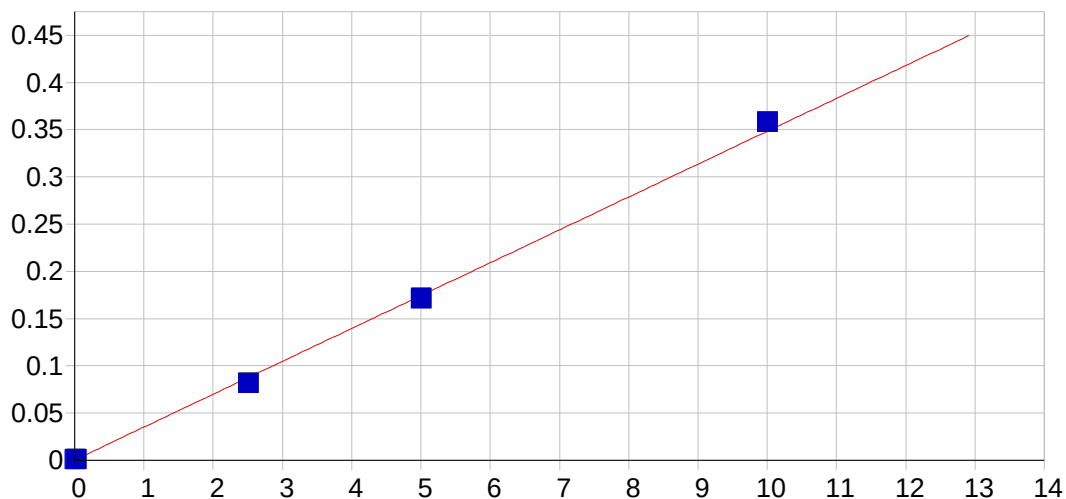


B 249.678 {135}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000377 Re-Slope: 1.000000
 A1 (Gain): 0.032821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.009970
 Predicted MQL: 0.033233

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00038	.000	1
S1	.10000	.08306	-.017	-16.9	.00309	.000	1
S3	2.5000	2.4389	-.061	-2.44	.08023	.001	1
S4	5.0000	5.0025	.002	.050	.16418	.003	1
S5	10.000	10.076	.076	.755	.33029	.002	1



S 182.034 {485}

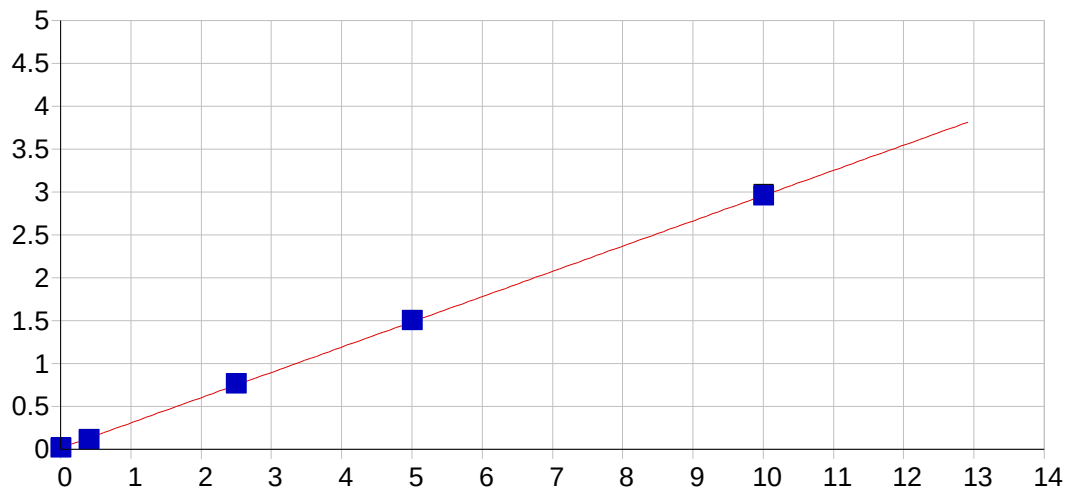
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000388 Re-Slope: 1.000000
 A1 (Gain): 0.034798 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999314
 Std Error of Est: 0.000031
 Predicted MDL: 0.003511
 Predicted MQL: 0.011702

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00039	.000	1
S1	.02000	.01249	-.008	-37.6	.00080	.000	1
S3	2.5000	2.3298	-.170	-6.81	.08136	.000	1
S4	5.0000	4.9010	-.099	-1.98	.17074	.000	1
S5	10.000	10.276	.276	2.76	.35760	.001	1

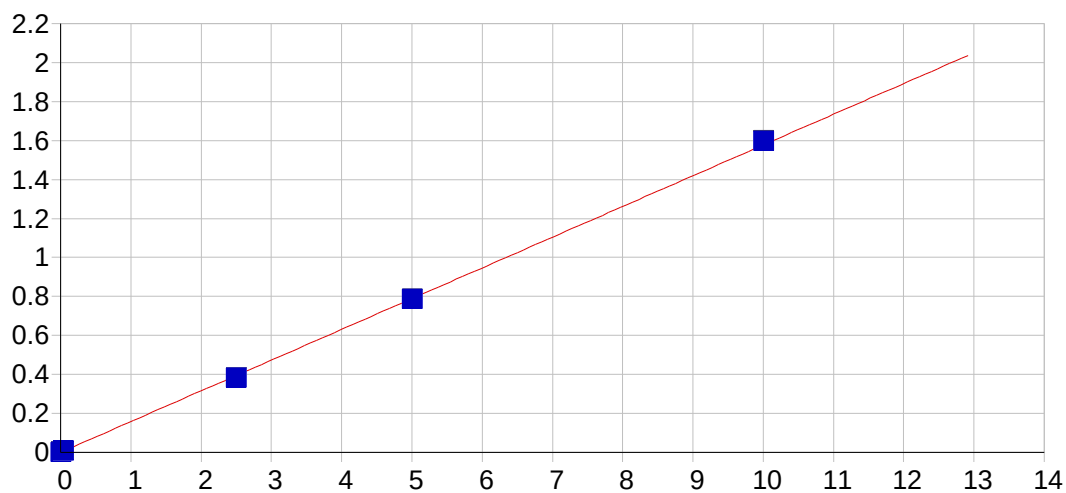


Si 288.158 {117}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013575 Re-Slope: 1.000000
 A1 (Gain): 0.294411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999630 Status: OK.
 Std Error of Est: 0.000874
 Predicted MDL: 0.003060
 Predicted MQL: 0.010201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.01359	.000	1
S1	.40000	.33067	-.069	-17.3	.11083	.001	1
S3	2.5000	2.5465	.046	1.86	.76289	.000	1
S4	5.0000	5.0393	.039	.785	1.4964	.005	1
S5	10.000	9.9836	-.016	-.164	2.9513	.014	1

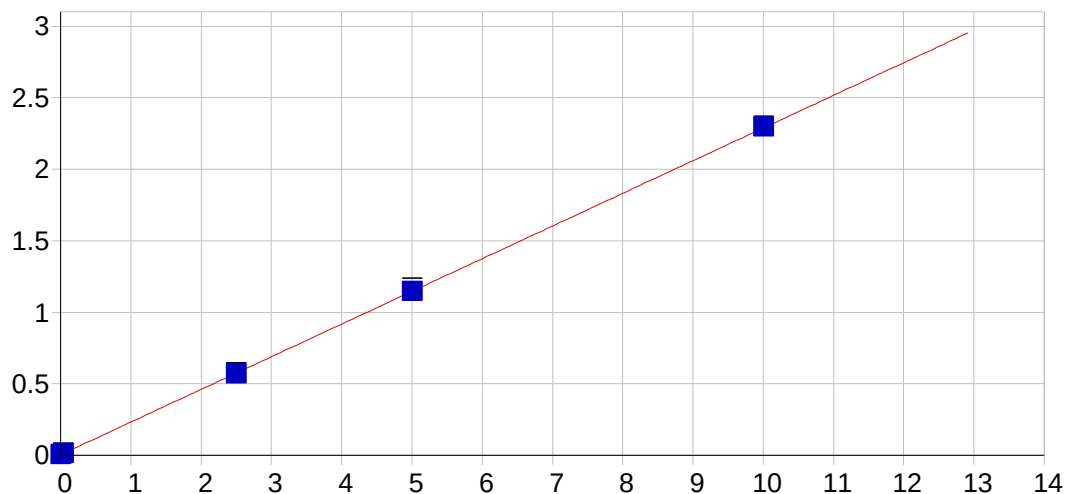


Sn 189.989 {477}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.157673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000802
 Predicted MQL: 0.002674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00035	.000	1
S1	.04000	.03208	-.008	-19.8	.00541	.000	1
S3	2.5000	2.4206	-.079	-3.18	.38209	.000	1
S4	5.0000	4.9659	-.034	-.682	.78348	.001	1
S5	10.000	10.121	.121	1.21	1.5965	.002	1



Ti 336.121 {100}

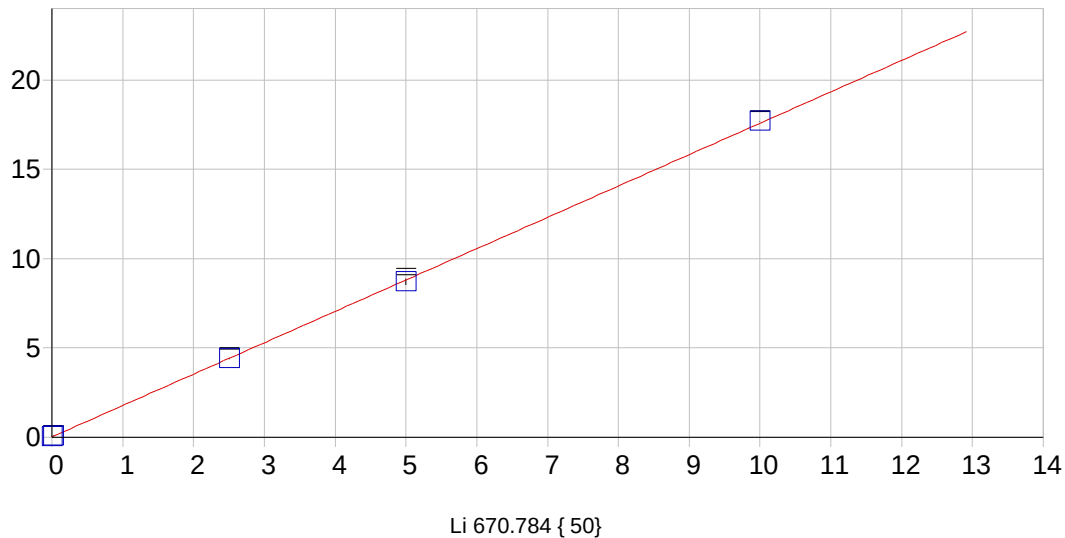
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003890 Re-Slope: 1.000000
 A1 (Gain): 0.228410 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000048
 Predicted MDL: 0.002465
 Predicted MQL: 0.008216

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00389	.000	1
S1	.04000	.03654	-.003	-8.64	.01223	.000	1
S3	2.5000	2.4735	-.026	-1.06	.56879	.008	1
S4	5.0000	5.0035	.004	.071	1.1466	.022	1
S5	10.000	10.026	.026	.264	2.2937	.005	1



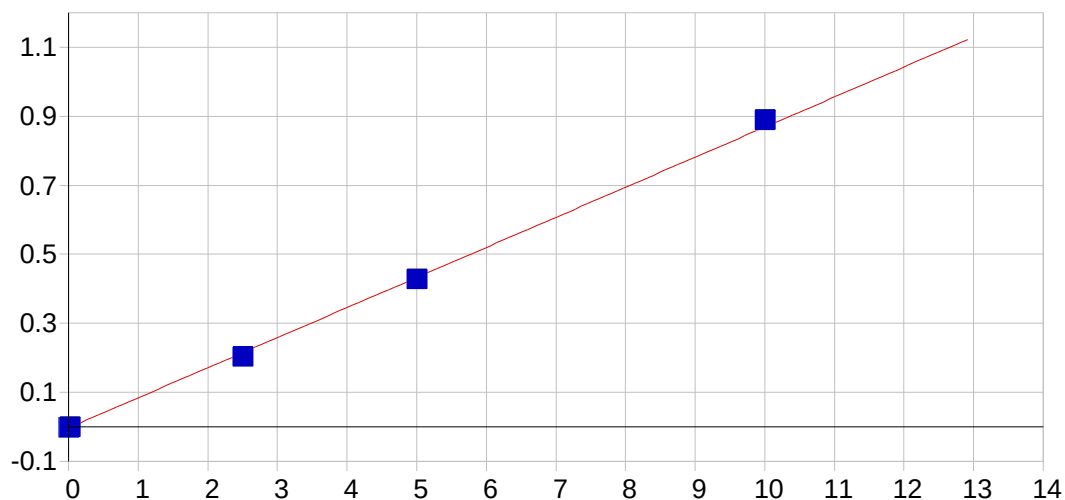
Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025004
 A1 (Gain): 1.755424
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000318
 Predicted MDL: 0.001684
 Predicted MQL: 0.005612

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	.02501	.001	1
S1	.02000	.01878	-.001	-6.10	.05797	.001	1
S3	2.5000	2.4958	-.004	-.166	4.4063	.029	1
S4	5.0000	4.9470	-.053	-1.06	8.7091	.173	1
S5	10.000	10.058	.058	.583	17.682	.028	1

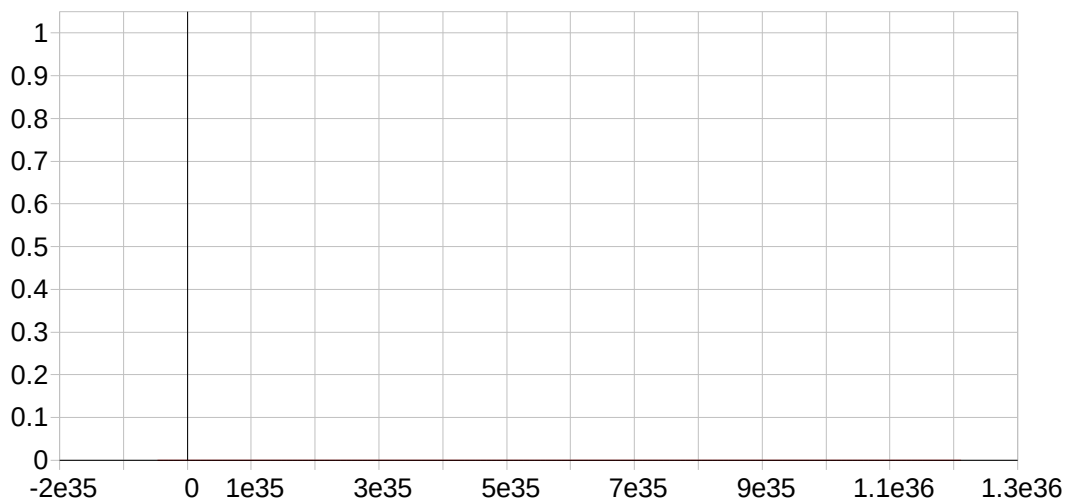


P 177.495 {490}

Date of Fit: 12/13/2018 18:43:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002915 Re-Slope: 1.000000
 A1 (Gain): 0.087158 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.001681
 Predicted MQL: 0.005604

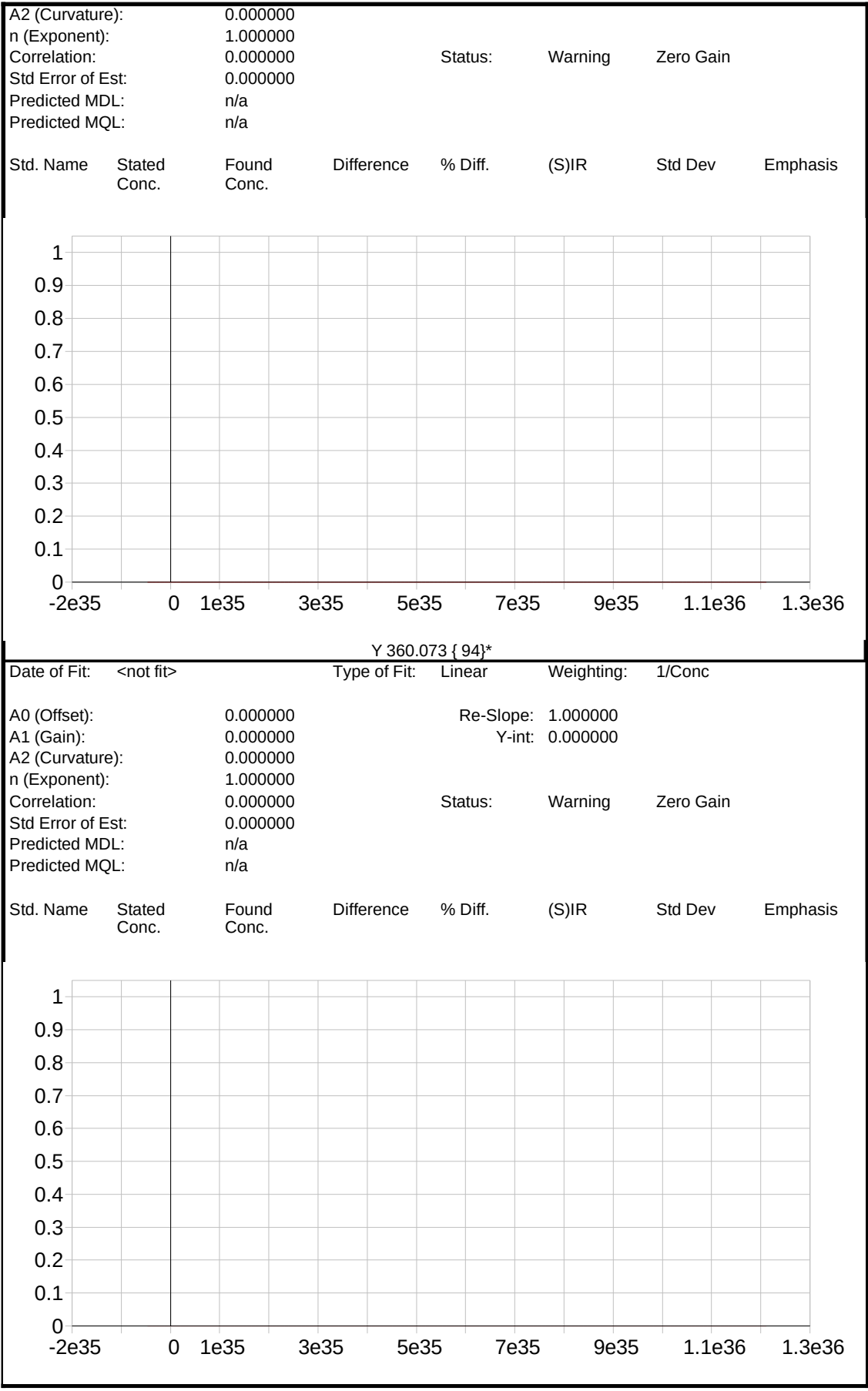
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00291	.000	1
S1	.02000	.01382	-.006	-30.9	-.00172	.000	1
S3	2.5000	2.3474	-.153	-6.10	.20136	.000	1
S4	5.0000	4.9368	-.063	-1.26	.42674	.000	1
S5	10.000	10.222	.222	2.22	.88674	.000	1

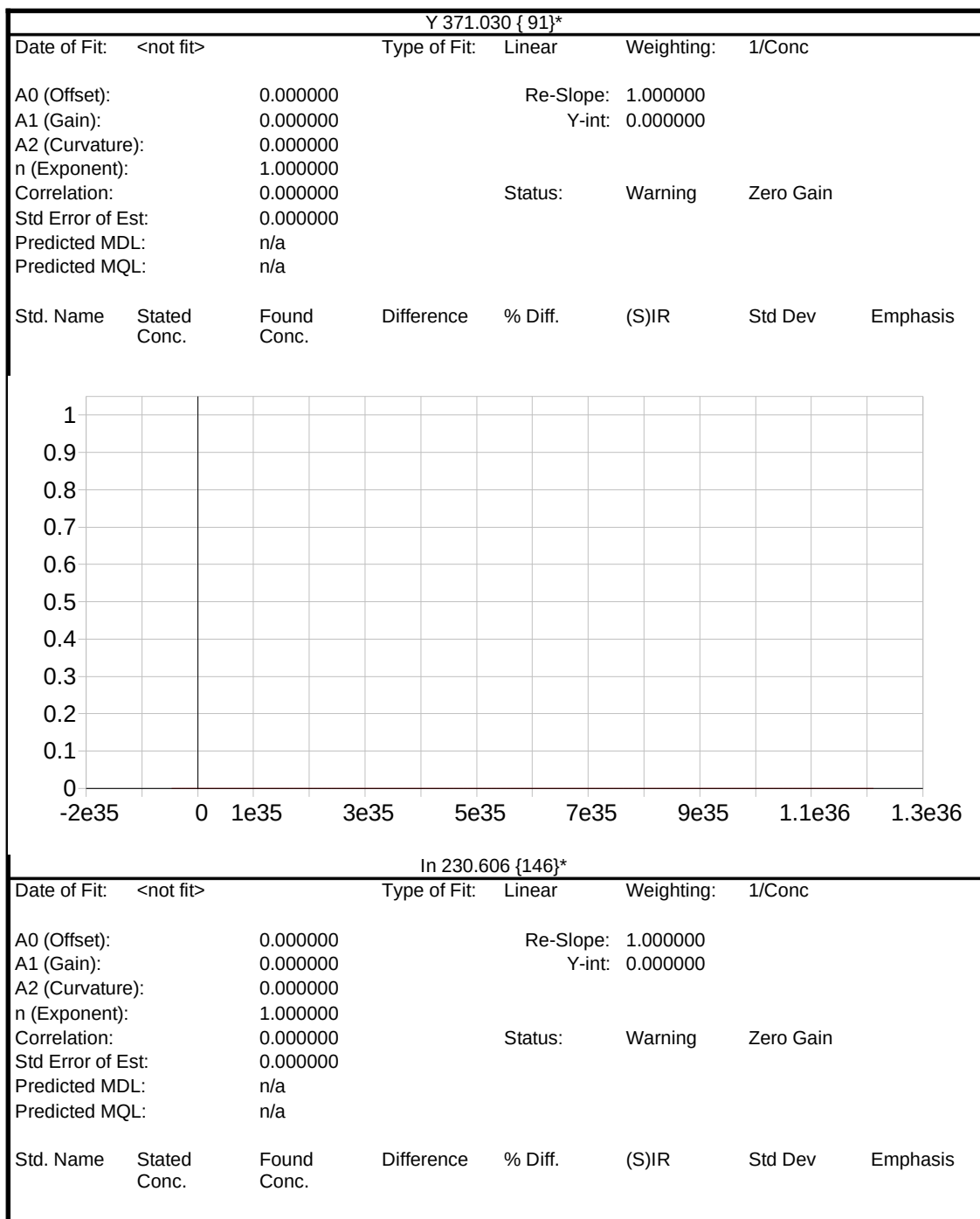


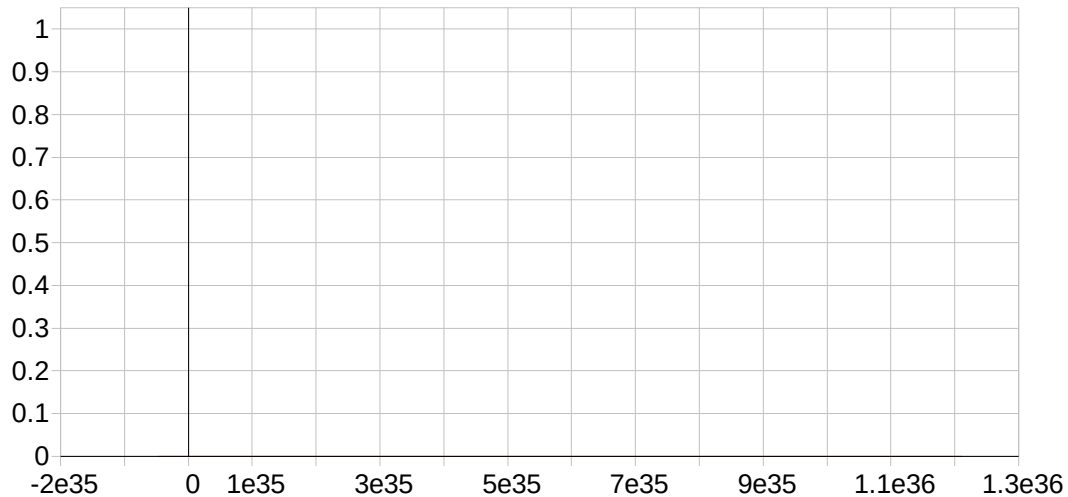
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

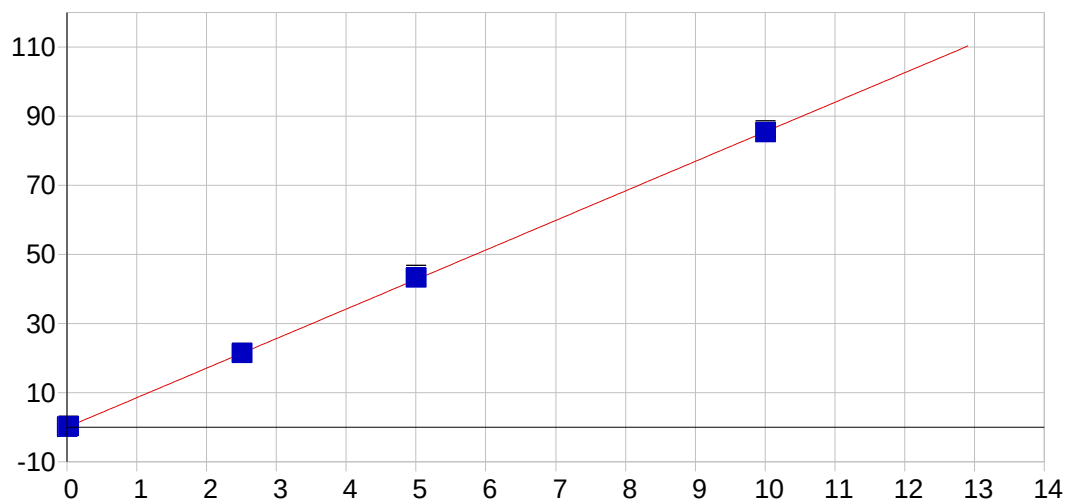
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 12/13/2018 18:43:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003466

Re-Slope: 1.000000

A1 (Gain): 8.550317

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999978

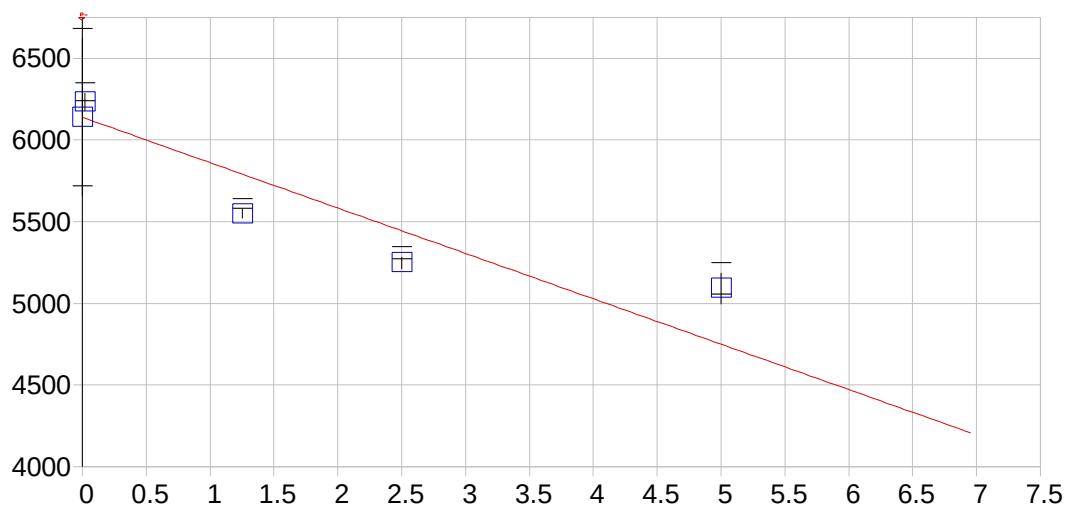
Status: OK.

Std Error of Est: 0.001365

Predicted MDL: 0.000127

Predicted MQL: 0.000423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00344	.001	1
S1	.02000	.01720	-.003	-14.0	.14453	.001	1
S3	2.5000	2.4998	-.000	-.008	21.394	.097	1
S4	5.0000	5.0362	.036	.724	43.105	.870	1
S5	10.000	9.9668	-.033	-.332	85.310	.381	1



Date of Fit: 12/13/2018 18:43:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 6139.077973

Re-Slope: 1.000000

A1 (Gain): -277.727611

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.736472

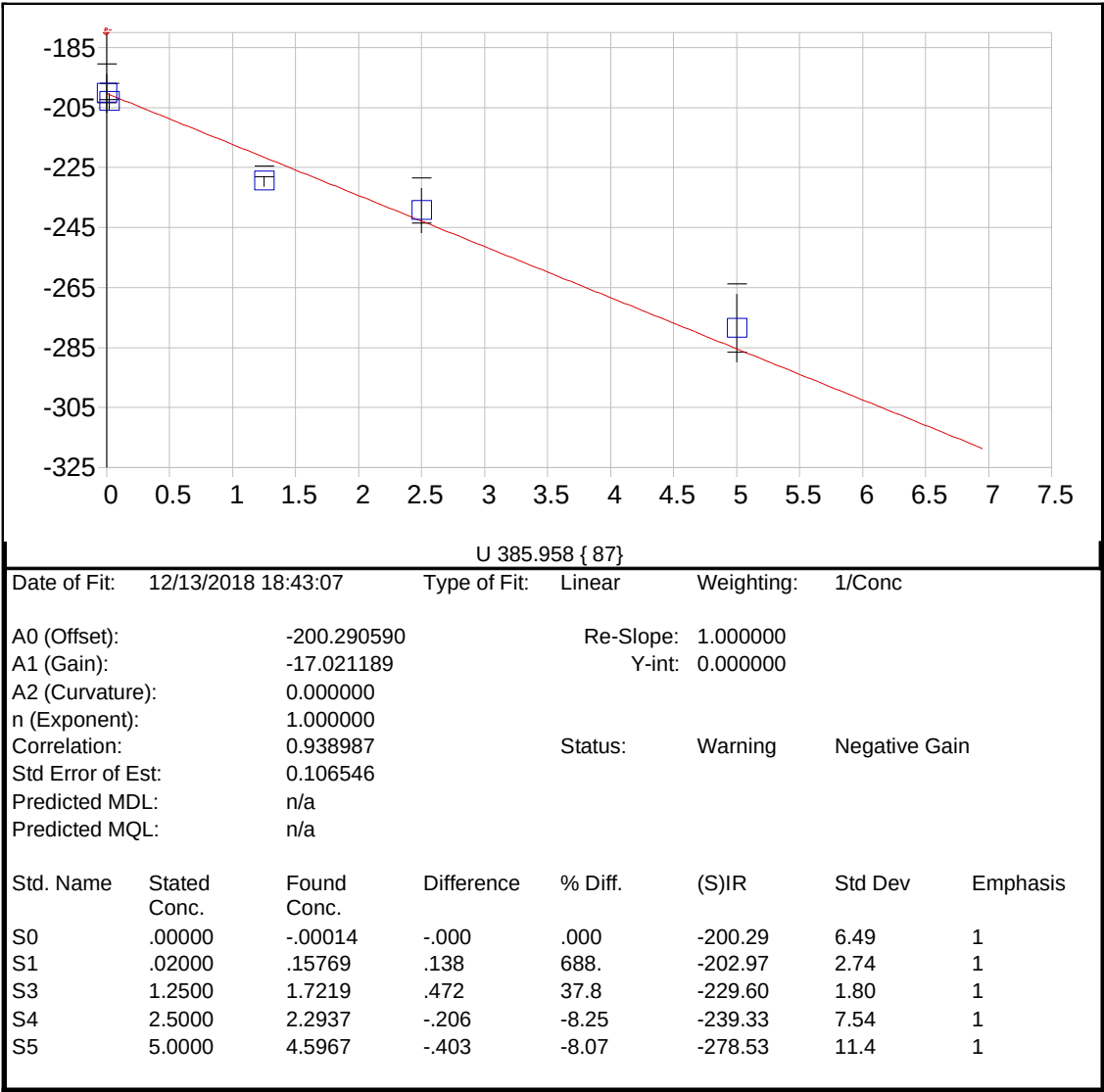
Status: Warning Negative Gain

Std Error of Est: 4.359309

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	6139.0	483.	1
S1	.02000	-.33437	-.354	-1770.	6231.9	54.1	1
S3	1.2500	2.1262	.876	70.1	5548.6	30.4	1
S4	2.5000	3.2052	.705	28.2	5248.9	37.1	1
S5	5.0000	3.7731	-1.23	-24.5	5091.2	96.7	1



Sample Name: S0 Acquired: 12/13/2018 11:45:47 Type: Cal
Method: P4-ICP2(v2649) 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	-.00056	.00233	-.00011	.00061	-.00009	.07229	.00003
Stddev	.00005	.00008	.00011	.00004	.00023	.00002	.00382	.00004
%RSD	140.38	14.310	4.9321	35.299	37.039	16.791	5.2832	119.89
#1	.00000	-.00051	.00241	-.00014	.00077	-.00008	.07499	.00000
#2	.00007	-.00062	.00225	-.00008	.00045	-.00011	.06959	.00006
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	-.00043	.00040	.00001	.00002	-.00019	-.01564	.00012	.00019
Stddev	.00014	.00054	.00004	.00005	.00042	.00237	.00009	.00049
%RSD	31.995	134.87	332.21	213.21	227.00	15.135	78.436	259.58
#1	-.00053	.00002	.00004	-.00001	.00011	-.01732	.00019	.00053
#2	-.00033	.00079	-.00001	.00006	-.00049	-.01397	.00005	-.00016
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	-.00457	.00008	.07311	-.00011	.38117	-.03487	.00018	.00038
Stddev	.00001	.00000	.00163	.00004	.01920	.00110	.00002	.00017
%RSD	.13285	4.8788	2.2356	33.319	5.0383	3.1477	11.477	45.629
#1	-.00457	.00009	.07426	-.00009	.39475	-.03410	.00019	.00050
#2	-.00457	.00008	.07195	-.00014	.36759	-.03565	.00016	.00026
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	.00039	.01359	.00035	.00389	.02501	-.0029	-.00344	6139.0
Stddev	.00007	.00001	.00011	.00046	.00051	.0001	.00150	483.1
%RSD	16.928	.07491	32.295	11.936	2.0482	3.328	43.494	7.8691
#1	.00044	.01360	.00043	.00422	.02537	-.0028	-.00238	5797.4
#2	.00034	.01359	.00027	.00356	.02464	-.0030	-.00450	6480.6

Sample Name: S0 Acquired: 12/13/2018 11:45:47 Type: Cal
 Method: P4-ICP2(v2649) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-200.29
Stddev	6.49
%RSD	3.2397

#1	-204.88
#2	-195.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4160.3	55780.	5578.8	114.91	4680.7
Stddev	4.4	4009.	18.1	2.20	11.2
%RSD	.10542	7.1869	.32488	1.9127	.23834

#1	4157.2	52945.	5591.6	116.47	4672.8
#2	4163.4	58614.	5566.0	113.36	4688.6

Sample Name: S1 Acquired: 12/13/2018 11:49:50 Type: Cal
Method: P4-ICP2(v2649) 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	.00086	.00420	.00479	.00084	.00591	.00054	.43471	.00446
Stddev	.00008	.00013	.00012	.00021	.00027	.00009	.00020	.00007
%RSD	9.4119	3.1968	2.4666	24.855	4.5083	16.069	.04619	1.5400

#1	.00092	.00430	.00487	.00099	.00573	.00047	.43457	.00451
#2	.00080	.00411	.00470	.00070	.00610	.00060	.43486	.00441

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	.01202	.00154	.02522	.00964	.09126	.02142	.01391	.00162
Stddev	.00021	.00004	.00033	.00022	.01837	.00024	.00008	.00000
%RSD	1.7088	2.3217	1.2963	2.2403	20.129	1.1050	.57355	.24009

#1	.01216	.00156	.02546	.00980	.07827	.02159	.01386	.00162
#2	.01187	.00151	.02499	.00949	.10425	.02125	.01397	.00162

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	.00654	3.2108	.09589	.00309	.00080	.11083	.00541	.01223
Stddev	.00010	.0575	.00092	.00002	.00001	.00127	.00003	.00032
%RSD	1.5700	1.7913	.95644	.71538	1.3319	1.1456	.63956	2.6209

#1	.00661	3.1701	.09654	.00307	.00081	.10993	.00543	.01201
#2	.00647	3.2515	.09524	.00310	.00079	.11173	.00538	.01246

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05797	-.0017	.14453	6231.9	-202.97
Stddev	.00058	.0001	.00119	54.1	2.74
%RSD	1.0066	4.207	.82657	.86879	1.3500

#1	.05838	-.0017	.14368	6193.7	-201.04
#2	.05756	-.0018	.14537	6270.2	-204.91

Sample Name: S1 Acquired: 12/13/2018 11:49:50 Type: Cal
Method: P4-ICP2(v2649) 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	4110.8	57039.	5493.8	112.73	4596.1
Stddev	6.7	293.	80.9	2.74	2.7
%RSD	.16256	.51421	1.4730	2.4306	.05891
#1	4106.1	56832.	5551.1	114.67	4594.2
#2	4115.6	57247.	5436.6	110.79	4598.0

Sample Name: S2 Acquired: 12/13/2018 11:53:54 Type: Cal
Method: P4-ICP2(v2649) 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	.07203	.01754	.57060	.12160
Stddev	.00167	.00007	.00456	.00254
%RSD	2.3148	.42279	.79883	2.0862

#1	.07085	.01760	.56738	.11981
#2	.07321	.01749	.57383	.12340

Int. Std.	Y_3710
Units	Cts/S
Avg	5344.7
Stddev	33.5
%RSD	.62633

#1	5368.3
#2	5321.0

Sample Name: S3 Acquired: 12/13/2018 11:57:51 Type: Cal
Method: P4-ICP2(v2649) 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	.12678	.32932	.59980	.14220	.31255	.03203	19.980	.10723
Stddev	.00031	.00078	.00116	.00065	.00072	.00015	.121	.00001
%RSD	.24352	.23645	.19328	.45560	.22973	.47726	.60490	.00744
#1	.12700	.32876	.59898	.14266	.31204	.03192	19.895	.10724
#2	.12656	.32987	.60062	.14174	.31305	.03213	20.066	.10723
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3779	.42973	.08343	1.1811	.35824	2.6121	1.4459	.10541
Stddev	.0012	.00523	.00006	.0010	.00011	.0066	.0004	.00095
%RSD	.03462	1.2163	.07526	.08119	.03085	.25088	.02749	.89872
#1	3.3771	.42603	.08338	1.1804	.35832	2.6074	1.4462	.10474
#2	3.3787	.43342	.08347	1.1818	.35816	2.6167	1.4456	.10608
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	.64861	.10876	3.1159	.22212	102.51	.91687	1.4691	.08023
Stddev	.00032	.00032	.0148	.00017	.79	.00615	.0005	.00128
%RSD	.04912	.29705	.47587	.07820	.76847	.67044	.03159	1.5962
#1	.64839	.10899	3.1055	.22224	103.07	.91252	1.4688	.07933
#2	.64884	.10853	3.1264	.22199	101.95	.92122	1.4694	.08114
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	.08136	.76289	.38209	.56879	4.4063	.2014	21.394	5548.6
Stddev	.00014	.00025	.00045	.00815	.0286	.0004	.097	30.4
%RSD	.17778	.03222	.11767	1.4332	.65017	.2046	.45521	.54772
#1	.08126	.76272	.38177	.56303	4.3860	.2011	21.325	5527.1
#2	.08147	.76307	.38240	.57456	4.4265	.2017	21.463	5570.1

Sample Name: S3 Acquired: 12/13/2018 11:57:51 Type: Cal
Method: P4-ICP2(v2649) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-229.60
Stddev	1.80
%RSD	.78188

#1	-230.87
#2	-228.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3933.8	53805.	5269.5	106.71	4192.9
Stddev	22.7	210.	5.8	1.13	19.8
%RSD	.57708	.39110	.10966	1.0626	.47281

#1	3917.8	53656.	5265.4	105.90	4178.9
#2	3949.9	53953.	5273.6	107.51	4206.9

Sample Name: S4 Acquired: 12/13/2018 12:01:38 Type: Cal
Method: P4-ICP2(v2649) 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	.25149	.65384	1.1892	.28124	.61760	.06390	39.100	.20993
Stddev	.00117	.00212	.0024	.00099	.00046	.00099	.722	.00025
%RSD	.46450	.32390	.20489	.35061	.07399	1.5453	1.8454	.11977

#1	.25231	.65234	1.1910	.28194	.61792	.06321	38.589	.21011
#2	.25066	.65533	1.1875	.28054	.61727	.06460	39.610	.20975

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	6.7688	.84251	.16466	2.3598	.69971	5.1440	2.8176	.20665
Stddev	.0018	.01862	.00007	.0015	.00136	.1533	.0000	.00454
%RSD	.02646	2.2100	.04420	.06194	.19504	2.9809	.00063	2.1946

#1	6.7675	.82935	.16471	2.3588	.70068	5.0356	2.8176	.20344
#2	6.7701	.85568	.16460	2.3609	.69875	5.2524	2.8176	.20985

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	1.2916	.21436	6.0637	.43640	199.94	1.8412	2.9360	.16418
Stddev	.0000	.00063	.1087	.00162	2.33	.0326	.0046	.00322
%RSD	.00196	.29245	1.7921	.37226	1.1673	1.7727	.15532	1.9607

#1	1.2916	.21480	5.9869	.43525	198.29	1.8181	2.9393	.16190
#2	1.2916	.21392	6.1406	.43755	201.59	1.8643	2.9328	.16645

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	.17074	1.4964	.78348	1.1466	8.7091	.4267	43.105	5248.9
Stddev	.00046	.0050	.00071	.0224	.1732	.0002	.870	37.1
%RSD	.27219	.33685	.09097	1.9499	1.9885	.0475	2.0176	.70738

#1	.17041	1.4928	.78298	1.1308	8.5867	.4269	42.490	5222.7
#2	.17107	1.5000	.78399	1.1624	8.8316	.4266	43.720	5275.2

Sample Name: S4 Acquired: 12/13/2018 12:01:38 Type: Cal
 Method: P4-ICP2(v2649) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-239.33
Stddev	7.54
%RSD	3.1497

#1	-244.66
#2	-234.00

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.7	52386.	5203.0	104.24	3973.9
Stddev	20.3	158.	10.4	.87	15.2
%RSD	.53063	.30190	.20048	.83624	.38227

#1	3808.3	52274.	5210.4	104.85	3963.2
#2	3837.0	52498.	5195.6	103.62	3984.6

Sample Name: S5 Acquired: 12/13/2018 12:05:24 Type: Cal
Method: P4-ICP2(v2649) 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	.50742	1.3038	2.4054	.56305	1.2391	.13120	77.530	.41967
Stddev	.00002	.0020	.0015	.00019	.0011	.00067	.698	.00116
%RSD	.00433	.15250	.06157	.03439	.08826	.50873	.90044	.27530

#1	.50744	1.3024	2.4043	.56319	1.2399	.13073	78.024	.42048
#2	.50741	1.3052	2.4064	.56292	1.2384	.13167	77.036	.41885

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	13.754	1.7007	.32614	4.7998	1.3751	10.255	5.5437	.41525
Stddev	.010	.0163	.00248	.0020	.0001	.310	.0235	.00155
%RSD	.06937	.95814	.75935	.04229	.00977	3.0274	.42346	.37359

#1	13.747	1.7122	.32789	4.7983	1.3750	10.036	5.5603	.41415
#2	13.761	1.6892	.32438	4.8012	1.3752	10.475	5.5271	.41635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6175	.42834	12.327	.87398	389.70	3.8168	5.8309	.33029
Stddev	.0006	.00241	.001	.00200	7.06	.0055	.0046	.00235
%RSD	.02308	.56271	.00434	.22907	1.8128	.14326	.07863	.71179

#1	2.6171	.43004	12.327	.87539	384.71	3.8206	5.8276	.33196
#2	2.6180	.42664	12.328	.87256	394.70	3.8129	5.8341	.32863

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	.35760	2.9513	1.5965	2.2937	17.682	.8867	85.310	5091.2
Stddev	.00053	.0144	.0017	.0051	.028	.0000	.381	96.7
%RSD	.14935	.48691	.10829	.22183	.15705	.0037	.44611	1.8996

#1	.35722	2.9614	1.5953	2.2973	17.701	.8868	85.579	5022.8
#2	.35797	2.9411	1.5977	2.2901	17.662	.8867	85.041	5159.6

Sample Name: S5 Acquired: 12/13/2018 12:05:24 Type: Cal
Method: P4-ICP2(v2649) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-278.53
Stddev	11.38
%RSD	4.0845

#1	-270.49
#2	-286.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.0	51400.	5170.7	103.64	3760.2
Stddev	4.8	292.	38.8	1.75	2.1
%RSD	.12753	.56815	.75024	1.6904	.05458

#1	3726.7	51193.	5143.3	104.88	3758.8
#2	3733.4	51606.	5198.2	102.40	3761.7

Sample Name: ICV01 Acquired: 12/13/2018 12:14:55 Type: Unk
Method: P4-ICP2(v2649) 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	.98596	1.0194	.97818	.98646	.97463	2.5129	.50943
Stddev	.01576	.0084	.01273	.01446	.01550	.0564	.00764
%RSD	1.5986	.82255	1.3017	1.4655	1.5904	2.2439	1.4998

#1	.99710	1.0253	.98718	.99668	.98559	2.4730	.50402
#2	.97481	1.0135	.96918	.97624	.96367	2.5528	.51483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48512	.47485	10.270	.50566	.49004	.50840	4.9511
Stddev	.00207	.00352	.186	.00184	.00573	.00792	.0174
%RSD	.42657	.74185	1.8075	.36478	1.1684	1.5569	.35216

#1	.48366	.47734	10.139	.50435	.49409	.51400	4.9388
#2	.48659	.47236	10.402	.50696	.48599	.50280	4.9634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51506	5.9799	.49083	.51507	9.6988	.49820	.97658
Stddev	.00226	.1032	.00533	.00066	.0859	.00106	.01579
%RSD	.43909	1.7254	1.0866	.12800	.88611	.21245	1.6166

#1	.51346	5.9069	.49460	.51461	9.6380	.49746	.98775
#2	.51666	6.0528	.48706	.51554	9.7596	.49895	.96542

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8631	2.4249	2.4047	F .00298	2.3818	F 2.3100	2.4082
Stddev	.1970	.0341	.0243	.00130	.0077	.0327	.0537
%RSD	1.9977	1.4057	1.0097	43.641	.32470	1.4162	2.2290

#1	9.7238	2.4490	2.3876	.00206	2.3764	2.3331	2.3703
#2	10.002	2.4008	2.4219	.00389	2.3873	2.2868	2.4462

Sample Name: ICV01 Acquired: 12/13/2018 12:14:55 Type: Unk
Method: P4-ICP2(v2649) 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 -.00167	F -.0022	F .00597	F 2.5248	F 1.6734
Stddev	.00043	.0011	.00032	.1399	.9794
%RSD	25.506	50.33	5.3511	5.5420	58.528

#1	-.00137	-.0014	.00574	2.6238	.98085
#2	-.00197	-.0030	.00619	2.4259	2.3659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.6	54567.	5330.5	110.16	4337.8
Stddev	42.1	91.	7.5	1.75	34.1
%RSD	1.0618	.16753	.14155	1.5853	.78572

#1	3934.8	54502.	5325.2	108.92	4313.7
#2	3994.4	54631.	5335.9	111.39	4361.9

Sample Name: LLICV01 Acquired: 12/13/2018 12:18:45 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02162	.04588	.01234	.01901	.05594	.11413	.11108	.00637
Stddev	.00052	.00148	.00033	.00020	.00043	.00400	.00016	.00004
%RSD	2.4240	3.2203	2.6614	1.0598	.77757	3.5064	.14208	.60071
#1	.02199	.04692	.01210	.01887	.05563	.11130	.11119	.00634
#2	.02125	.04483	.01257	.01916	.05625	.11696	.11097	.00639
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	2.1425	.01084	.03286	.02133	.11015	.02289	2.2505
Stddev	.00004	.0040	.00004	.00041	.00005	.00275	.00010	.0428
%RSD	.75256	.18647	.38906	1.2488	.23888	2.4933	.42256	1.9016
#1	.00568	2.1396	.01081	.03257	.02137	.11209	.02296	2.2202
#2	.00574	2.1453	.01087	.03315	.02130	.10821	.02282	2.2808
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04318	.01141	1.9756	.04483	.04182	2.0253	.20502	.10630
Stddev	.00041	.00078	.0207	.00063	.00086	.0279	.00016	.00575
%RSD	.94869	6.8364	1.0464	1.4029	2.0497	1.3772	.07749	5.4107
#1	.04347	.01197	1.9610	.04439	.04121	2.0450	.20491	.11037
#2	.04289	.01086	1.9902	.04528	.04243	2.0056	.20513	.10224
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00804	.41385	.04196	.04200	.01940	F .0157	.02050	F 2.4822
Stddev	.00022	.00249	.00053	.00145	.00070	.0005	.00015	.0314
%RSD	2.7364	.60068	1.2523	3.4412	3.6207	2.971	.73899	1.2631
#1	.00819	.41209	.04233	.04098	.01990	.0160	.02040	2.5044
#2	.00788	.41560	.04159	.04302	.01891	.0154	.02061	2.4600

Sample Name: LLICV01 Acquired: 12/13/2018 12:18:45 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .87918
Stddev	.15294
%RSD	17.395

#1	.77104
#2	.98733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.1	54482.	5212.1	109.83	4470.5
Stddev	19.3	2.	15.1	1.83	15.2
%RSD	.48702	.00349	.29033	1.6631	.33939

#1	3950.5	54480.	5222.8	111.13	4459.8
#2	3977.8	54483.	5201.4	108.54	4481.3

Sample Name: ICB01 Acquired: 12/13/2018 12:22:48 Type: Unk
Method: P4-ICP2(v2649) 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	.00042	.00059	.00041	-.00049	-.00169	.00107	.00240
Stddev	.00385	.00006	.00135	.00115	.00175	.01659	.00070
%RSD	910.20	9.7631	327.09	236.85	103.28	1547.7	29.241

#1	.00315	.00063	-.00054	-.00130	-.00293	.01280	.00190
#2	-.00230	.00055	.00136	.00033	-.00046	-.01066	.00289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00003	-.02390	.00016	.00003	-.00011	.00690
Stddev	.00001	.00008	.01747	.00020	.00024	.00018	.00456
%RSD	5.3243	222.09	73.082	119.62	879.85	161.49	66.167

#1	.00010	.00002	-.01155	.00030	.00020	-.00024	.00367
#2	.00011	-.00009	-.03626	.00003	-.00015	.00002	.01012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.05850	-.00012	.00020	-.14093	-.00004	-.00235
Stddev	.00002	.02870	.00049	.00036	.01050	.00019	.00015
%RSD	36.091	49.055	409.14	178.66	7.4501	497.18	6.2970

#1	.00005	-.03821	.00023	-.00005	-.13351	.00010	-.00224
#2	.00008	-.07879	-.00047	.00046	-.14836	-.00017	-.00245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04426	-.00000	.00457	-.00572	-.00072	.00026	.00228
Stddev	.00294	.00026	.00352	.00227	.00090	.00015	.00124
%RSD	6.6432	15548.	77.015	39.719	125.75	56.888	54.330

#1	-.04633	.00018	.00208	-.00732	-.00008	.00036	.00140
#2	-.04218	-.00019	.00705	-.00411	-.00136	.00015	.00315

Sample Name: ICB01 Acquired: 12/13/2018 12:22:48 Type: Unk
 Method: P4-ICP2(v2649) 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	-0.00115	-0.0024	-0.00033	F 2.8273	F<.00000
Stddev	.00014	.0007	.00008	.0728	.05037
%RSD	11.957	27.99	22.658	2.5753	12.718

#1	-0.00125	-0.0028	-0.00039	2.7759	-.36039
#2	-0.00105	-0.0019	-0.00028	2.8788	-.43161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.5	54494.	5197.8	107.32	4514.7
Stddev	26.6	157.	19.7	.89	36.3
%RSD	.67306	.28778	.37912	.82908	.80348

#1	3937.7	54383.	5211.7	106.69	4489.1
#2	3975.3	54605.	5183.8	107.95	4540.4

Sample Name: CRI01 Acquired: 12/13/2018 12:30:57 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02281	.04582	.01320	.01969	.05718	.10323	.11313	.00641
Stddev	.00272	.00039	.00002	.00353	.00034	.00926	.00139	.00000
%RSD	11.902	.85265	.12943	17.918	.58895	8.9659	1.2302	.06750
#1	.02089	.04554	.01318	.02218	.05694	.10977	.11215	.00642
#2	.02473	.04609	.01321	.01719	.05742	.09669	.11412	.00641
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	2.2155	.01088	.03307	.02187	.11663	.02335	2.2406
Stddev	.00005	.0182	.00039	.00017	.00027	.00603	.00006	.0476
%RSD	.78616	.82311	3.6089	.51474	1.2194	5.1727	.27682	2.1238
#1	.00584	2.2026	.01061	.03295	.02205	.11237	.02330	2.2743
#2	.00590	2.2284	.01116	.03319	.02168	.12090	.02340	2.2070
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04356	.01124	1.9796	.04555	.04379	2.0769	.20755	.10406
Stddev	.00025	.00029	.0153	.00075	.00125	.0342	.00011	.00099
%RSD	.58048	2.5861	.77336	1.6479	2.8471	1.6483	.05159	.95008
#1	.04338	.01144	1.9688	.04502	.04291	2.1011	.20747	.10336
#2	.04374	.01103	1.9904	.04608	.04467	2.0527	.20762	.10475
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00836	.42412	.04064	.04408	.02166	.0166	.02121	F 2.4883
Stddev	.00220	.00117	.00022	.00296	.00035	.0006	.00016	.0269
%RSD	26.348	.27671	.54459	6.7215	1.5929	3.675	.74117	1.0794
#1	.00680	.42329	.04079	.04198	.02142	.0162	.02110	2.5073
#2	.00991	.42495	.04048	.04617	.02190	.0170	.02132	2.4693

Sample Name: CRI01 Acquired: 12/13/2018 12:30:57 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44441
Stddev	.38261
%RSD	86.094

#1	.17387
#2	.71496

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.3	55206.	5240.9	109.10	4525.5
Stddev	11.2	184.	6.3	2.73	5.6
%RSD	.27928	.33419	.12026	2.5008	.12271

#1	3990.4	55076.	5245.4	111.03	4521.6
#2	4006.2	55337.	5236.5	107.17	4529.5

Sample Name: ICSA01 Acquired: 12/13/2018 12:35:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00784	.00196	.01342	.00317	283.71	.00793	.00147
Stddev	.00467	.00037	.00121	.00572	.00067	5.16	.00013	.00025
%RSD	141170.	4.6819	61.776	42.627	21.039	1.8183	1.6756	17.187
#1	-.00330	-.00810	.00110	.00937	.00364	280.06	.00784	.00165
#2	.00331	-.00758	.00281	.01746	.00269	287.36	.00803	.00129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	262.58	.06050	.00030	-.00809	99.891	.01705	269.96
Stddev	.00002	2.91	.00127	.00022	.00076	.755	.00007	1.30
%RSD	.98003	1.1098	2.1031	75.117	9.4480	.75625	.43722	.48264
#1	.00162	260.52	.05960	.00045	-.00755	99.357	.01700	269.04
#2	.00164	264.64	.06140	.00014	-.00863	100.42	.01710	270.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	-.00315	-.06372	.00141	-.00084	-.04468	.00125	.05287
Stddev	.00004	.00032	.01310	.00015	.00006	.02577	.00047	.00286
%RSD	.56464	10.045	20.559	10.750	7.2671	57.669	37.128	5.4167
#1	-.00716	-.00338	-.07298	.00130	-.00089	-.02646	.00158	.05489
#2	-.00710	-.00293	-.05445	.00152	-.00080	-.06290	.00093	.05084
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00624	-.00429	.00503	.00196	.00255	-.0038	-.00172	F 5.1981
Stddev	.00053	.00066	.00033	.00307	.00002	.0014	.00022	.4185
%RSD	8.5130	15.396	6.6326	156.50	.81660	37.83	12.749	8.0504
#1	-.00661	-.00383	.00479	-.00021	.00254	-.0028	-.00188	4.9022
#2	-.00586	-.00476	.00527	.00413	.00256	-.0048	-.00157	5.4940

Sample Name: ICSA01 Acquired: 12/13/2018 12:35:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0080
Stddev	.2504
%RSD	24.836

#1	1.1851
#2	.83101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.0	47962.	4994.6	100.82	3554.6
Stddev	4.1	446.	5.9	.06	1.8
%RSD	.11830	.92900	.11814	.06207	.05126

#1	3491.1	48278.	4990.4	100.78	3553.3
#2	3496.9	47647.	4998.8	100.86	3555.9

Sample Name: ICSAB01 Acquired: 12/13/2018 12:39:10 Type: Unk
Method: P4-ICP2(v2649) 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	.10220	.09617	.05379	.06785	.64857	280.02	.55130
Stddev	.00550	.00020	.00304	.00185	.00107	1.03	.00091
%RSD	5.3809	.20837	5.6440	2.7203	.16538	.36721	.16450

#1	.10609	.09602	.05594	.06654	.64933	279.30	.55195
#2	.09832	.09631	.05165	.06915	.64782	280.75	.55066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56516	1.0300	260.68	.60362	.51920	.50274	100.01
Stddev	.00086	.0044	.71	.00194	.00089	.00134	1.69
%RSD	.15305	.42487	.27312	.32187	.17166	.26716	1.6909

#1	.56577	1.0331	260.17	.60499	.51983	.50179	98.812
#2	.56455	1.0269	261.18	.60224	.51857	.50369	101.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55460	267.47	1.0126	.22749	-.09079	.52969	1.0298
Stddev	.00103	.63	.0003	.00221	.00540	.00056	.0178
%RSD	.18585	.23723	.02982	.96930	5.9510	.10622	1.7282

#1	.55533	267.03	1.0128	.22905	-.08697	.52930	1.0172
#2	.55387	267.92	1.0124	.22593	-.09462	.53009	1.0424

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03289	F .38213	F .43138	F .38161	.35874	F .37999	F .37550
Stddev	.00503	.00097	.00695	.00387	.00562	.00062	.00235
%RSD	15.303	.25371	1.6120	1.0129	1.5673	.16314	.62562

#1	-.02933	.38144	.42646	.38434	.36272	.38043	.37384
#2	-.03645	.38281	.43630	.37888	.35477	.37955	.37716

Sample Name: ICSAB01 Acquired: 12/13/2018 12:39:10 Type: Unk
Method: P4-ICP2(v2649) 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	.00497	F -.0008	F -.00292	F 5.5688	F 1.3660
Stddev	.00105	.0004	.00041	.1785	.2447
%RSD	21.220	47.60	13.956	3.2060	17.914

#1	.00422	-.0011	-.00263	5.6951	1.5391
#2	.00571	-.0005	-.00321	5.4426	1.1930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.8	47965.	4981.6	99.350	3552.3
Stddev	2.9	176.	17.5	1.521	18.3
%RSD	.08294	.36602	.35211	1.5308	.51451

#1	3493.7	47841.	4969.2	100.43	3539.4
#2	3497.8	48089.	4994.0	98.274	3565.2

Sample Name: CCV01 Acquired: 12/13/2018 12:43:09 Type: Unk
Method: P4-ICP2(v2649) 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	5.0954	5.0141	5.0514	5.0296	5.0886	10.198	10.270	.25336
Stddev	.0193	.0023	.0054	.0130	.0022	.063	.065	.00007
%RSD	.37970	.04645	.10623	.25820	.04284	.62087	.63436	.02898
#1	5.0817	5.0157	5.0476	5.0204	5.0871	10.153	10.224	.25341
#2	5.1091	5.0124	5.0552	5.0388	5.0902	10.243	10.316	.25331
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4947	26.066	1.0301	2.5014	1.2603	5.2002	2.5559	25.431
Stddev	.0026	.386	.0054	.0017	.0016	.0023	.0006	.261
%RSD	.10243	1.4800	.52502	.06733	.12881	.04487	.02171	1.0251
#1	2.4965	25.793	1.0339	2.5002	1.2591	5.1985	2.5563	25.246
#2	2.4929	26.339	1.0263	2.5026	1.2614	5.2018	2.5555	25.615
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4828	1.2902	25.032	2.4873	2.6135	25.422	5.1348	5.0615
Stddev	.0060	.0062	.127	.0040	.0063	.157	.0126	.0491
%RSD	.23955	.48115	.50915	.15938	.24072	.61764	.24607	.97017
#1	2.4870	1.2945	24.942	2.4845	2.6091	25.311	5.1259	5.0268
#2	2.4786	1.2858	25.123	2.4901	2.6180	25.533	5.1437	5.0963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9621	5.2227	5.0393	5.1053	5.0942	4.976	F 5.2897	F 4.4816
Stddev	.0140	.0355	.0064	.0249	.0397	.005	.0450	.2255
%RSD	.28154	.67989	.12659	.48756	.77895	.0994	.85030	5.0313
#1	4.9522	5.1976	5.0347	5.0877	5.0661	4.980	5.2579	4.6410
#2	4.9719	5.2478	5.0438	5.1229	5.1222	4.973	5.3215	4.3222

Sample Name: CCV01 Acquired: 12/13/2018 12:43:09 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7401
Stddev	.5655
%RSD	20.639

#1	2.3402
#2	3.1400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.9	51929.	5109.5	100.41	3955.1
Stddev	4.6	156.	14.3	.14	3.0
%RSD	.12237	.30088	.27912	.13756	.07609

#1	3770.2	51818.	5119.5	100.51	3953.0
#2	3763.6	52039.	5099.4	100.32	3957.3

Sample Name: LLCCV01 Acquired: 12/13/2018 12:56:35 Type: Unk
Method: P4-ICP2(v2649) 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	.02229	.04676	.01296	.02050	.05698	.11866	.11219	.00665
Stddev	.00321	.00010	.00078	.00254	.00041	.00137	.00536	.00003
%RSD	14.385	.21662	5.9898	12.399	.72129	1.1530	4.7775	.51523
#1	.02456	.04683	.01351	.01870	.05669	.11963	.10840	.00663
#2	.02002	.04669	.01241	.02230	.05727	.11769	.11598	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	2.2043	.01182	.03424	.02213	.11531	.02372	2.2165
Stddev	.00001	.0830	.00035	.00010	.00059	.00011	.00005	.0587
%RSD	.09230	3.7675	2.9754	.29886	2.6684	.09875	.23082	2.6465
#1	.00601	2.1456	.01157	.03431	.02254	.11523	.02376	2.1751
#2	.00601	2.2630	.01207	.03417	.02171	.11539	.02368	2.2580
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04464	.01171	1.9212	.04560	.04223	2.0938	.21567	.08710
Stddev	.00041	.00018	.0985	.00066	.00082	.0326	.00142	.01456
%RSD	.92799	1.5674	5.1287	1.4581	1.9523	1.5590	.65758	16.711
#1	.04435	.01184	1.8515	.04513	.04165	2.0707	.21667	.07681
#2	.04494	.01158	1.9909	.04607	.04282	2.1169	.21467	.09739
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01175	.42429	.04213	.04381	.01906	F .0149	.02112	F 2.7119
Stddev	.00206	.00862	.00009	.00134	.00071	.0019	.00066	.2338
%RSD	17.532	2.0319	.21549	3.0560	3.7055	12.58	3.1116	8.6209
#1	.01029	.41820	.04207	.04286	.01856	.0162	.02066	2.5466
#2	.01320	.43039	.04219	.04475	.01956	.0136	.02159	2.8772

Sample Name: LLCCV01 Acquired: 12/13/2018 12:56:35 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .23267
Stddev	.81893
%RSD	351.97

#1	-.34640
#2	.81174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.3	54609.	5261.5	111.29	4412.6
Stddev	10.9	185.	89.0	1.92	9.3
%RSD	.28185	.33877	1.6910	1.7208	.21014

#1	3873.6	54740.	5324.4	112.64	4406.0
#2	3889.1	54479.	5198.6	109.93	4419.1

Sample Name: CCB01 Acquired: 12/13/2018 13:00:39 Type: Unk
Method: P4-ICP2(v2649) 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	.00061	.00027	-.00004	.00198	-.00164	.00087	.00279
Stddev	.00276	.00022	.00062	.00110	.00246	.00035	.00067
%RSD	455.26	80.806	1575.2	55.656	150.06	40.564	24.097

#1	.00255	.00012	-.00048	.00120	-.00338	.00112	.00232
#2	-.00134	.00042	.00040	.00276	.00010	.00062	.00327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00009	-.00318	.00068	.00004	.00004	.00438
Stddev	.00002	.00005	.00135	.00020	.00022	.00037	.01328
%RSD	26.489	50.751	42.609	30.038	550.69	855.18	303.10

#1	.00005	-.00013	-.00222	.00054	.00020	.00031	-.00501
#2	.00007	-.00006	-.00414	.00082	-.00012	-.00022	.01377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01925	-.00037	.00031	-.18865	.00065	-.00280
Stddev	.00001	.06645	.00022	.00052	.00567	.00007	.00011
%RSD	10.914	345.14	59.700	169.34	3.0077	11.560	4.0141

#1	.00007	-.06624	-.00021	.00068	-.19267	.00059	-.00272
#2	.00008	.02774	-.00052	-.00006	-.18464	.00070	-.00288

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03368	-.00001	-.01253	F -.01093	.00003	-.00035	.00071
Stddev	.00237	.00030	.00801	.00103	.00162	.00044	.00118
%RSD	7.0470	2366.5	63.897	9.4309	5352.1	123.97	166.89

#1	-.03200	.00020	-.01819	-.01020	-.00112	-.00004	-.00013
#2	-.03536	-.00023	-.00687	-.01166	.00118	-.00066	.00154

Sample Name: CCB01 Acquired: 12/13/2018 13:00:39 Type: Unk
 Method: P4-ICP2(v2649) 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	-.00052	-.0025	-.00027	F 3.2818	F .51769
Stddev	.00045	.0010	.00007	.1024	.08255
%RSD	86.033	40.89	25.281	3.1208	15.946

#1	-.00083	-.0018	-.00022	3.3542	.57606
#2	-.00020	-.0033	-.00031	3.2093	.45931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3874.8	54204.	5141.3	105.78	4451.8
Stddev	11.3	108.	29.4	.46	9.2
%RSD	.29086	.19855	.57184	.43453	.20688

#1	3866.8	54128.	5120.5	105.45	4445.3
#2	3882.8	54280.	5162.1	106.10	4458.3

Sample Name: LR CHECK2 Acquired: 12/13/2018 13:17:20 Type: Unk
Method: P4-ICP2(v2649) 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	-.00349	-.01954	233.72	.01700	-.00686	-.17436	98.974	-.00067
Stddev	.00099	.00081	.48	.00212	.00097	.00605	1.246	.00009
%RSD	28.395	4.1494	.20690	12.447	14.189	3.4715	1.2591	13.377
#1	-.00279	-.01897	234.06	.01550	-.00755	-.17864	99.855	-.00061
#2	-.00420	-.02011	233.38	.01849	-.00618	-.17008	98.093	-.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00803	.28398	-.12605	-.01162	246.37	-.73671	43.398	-.04462
Stddev	.00000	.02189	.00015	.00027	.09	.00840	.214	.00023
%RSD	.05377	7.7082	.12037	2.3281	.03505	1.1398	.49194	.51529
#1	-.00803	.29946	-.12594	-.01143	246.43	-.73077	43.248	-.04446
#2	-.00802	.26850	-.12615	-.01181	246.30	-.74265	43.549	-.04478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.869	.00911	1.8295	-.00219	F 37.745	1.8237	-.00390	-.01715
Stddev	.098	.00108	.1881	.00023	1.022	.2070	.00015	.01148
%RSD	.20572	11.872	10.283	10.697	2.7083	11.349	3.7314	66.897
#1	47.939	.00835	1.9625	-.00202	37.022	1.9701	-.00400	-.00904
#2	47.800	.00988	1.6965	-.00235	38.467	1.6774	-.00380	-.02527
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06731	-.00665	-.00026	.00560	.00105	-.2814	.00232	5.1236
Stddev	.00148	.00111	.00119	.00057	.00129	.0012	.00016	.0885
%RSD	2.1948	16.669	456.64	10.192	123.03	.4137	6.9697	1.7270
#1	.06836	-.00587	-.00111	.00520	.00197	-.2806	.00244	5.1862
#2	.06627	-.00744	.00058	.00601	.00014	-.2822	.00221	5.0611

Sample Name: LR CHECK2 Acquired: 12/13/2018 13:17:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.48692
Stddev	.50088
%RSD	102.87

#1	.13274
#2	.84110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.9	51535.	4920.4	100.34	3931.4
Stddev	7.2	1.	1.3	2.66	6.6
%RSD	.20122	.00168	.02652	2.6544	.16847

#1	3558.8	51536.	4919.4	102.23	3926.7
#2	3568.9	51535.	4921.3	98.458	3936.0

Sample Name: LR CHECK1 Acquired: 12/13/2018 13:21:39 Type: Unk
Method: P4-ICP2(v2649) 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	-.05118	-.07180	-.01498	.08385	.03725	1827.8	.00702	.00372
Stddev	.00209	.00115	.00624	.00323	.00994	18.4	.00044	.00024
%RSD	4.0896	1.6076	41.629	3.8464	26.679	1.0044	6.3184	6.4010
#1	-.05266	-.07262	-.01939	.08157	.03022	1814.8	.00734	.00355
#2	-.04970	-.07099	-.01057	.08613	.04428	1840.8	.00671	.00388
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02316	1750.3	.10445	.04258	-.09187	F 910.66	.03317	F 1855.2
Stddev	.00202	1.1	.00029	.00017	.00301	20.37	.00030	6.2
%RSD	8.7055	.06122	.27562	.38910	3.2741	2.2366	.88974	.33386
#1	.02174	1751.1	.10425	.04270	-.09399	925.06	.03338	1859.6
#2	.02459	1749.5	.10466	.04247	-.08974	896.26	.03296	1850.8
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09252	-.03886	1711.7	.00368	.08794	F 1092.9	.01015	.47036
Stddev	.00062	.00365	25.4	.00176	.00233	7.4	.00044	.04038
%RSD	.66487	9.3846	1.4832	47.931	2.6533	.67893	4.3445	8.5847
#1	.09296	-.03628	1729.7	.00492	.08959	1098.2	.01047	.49892
#2	.09209	-.04143	1693.8	.00243	.08629	1087.7	.00984	.44181
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38590	-.01693	.02815	-.03954	.05161	.0349	-.98540	6.0778
Stddev	.01571	.00765	.00026	.00074	.00412	.0007	.02245	.1214
%RSD	4.0717	45.209	.93261	1.8686	7.9779	1.870	2.2788	1.9981
#1	.37479	-.01152	.02797	-.04006	.04870	.0344	-1.0013	5.9919
#2	.39702	-.02234	.02834	-.03902	.05452	.0354	-.96952	6.1637

Sample Name: LR CHECK1 Acquired: 12/13/2018 13:21:39 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.4	36739.	4312.4	76.537	2258.9
Stddev	9.3	101.	25.3	1.741	4.5
%RSD	.35110	.27609	.58710	2.2743	.19917
#1	2631.8	36811.	4294.5	75.306	2255.7
#2	2644.9	36668.	4330.3	77.768	2262.1

Sample Name: J6311-03DL2X50 Acquired: 12/13/2018 13:26:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	-.00065	.09944	-.00099	-.00496	.18273	.01019	.00001
Stddev	.00270	.00064	.01119	.00016	.00202	.00409	.00039	.00004
%RSD	544.47	97.718	11.251	16.575	40.770	2.2377	3.8131	342.74

#1	-.00141	-.00020	.10735	-.00111	-.00639	.17984	.01047	-.00002
#2	.00240	-.00111	.09153	-.00088	-.00353	.18563	.00992	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	.23105	.38254	.00319	2.7562	3.8537	.05002	.05160
Stddev	.00005	.00457	.00279	.00045	.0047	.0221	.00042	.03574
%RSD	2.8178	1.9792	.72854	14.206	.17079	.57428	.83758	69.255

#1	-.00190	.22782	.38451	.00352	2.7595	3.8380	.05031	.02633
#2	-.00182	.23428	.38057	.00287	2.7529	3.8693	.04972	.07687

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.175	.00240	3.7389	.00158	.65408	3.8810	.00068	.06396
Stddev	.001	.00001	.4799	.00021	.00520	.7941	.00025	.00930
%RSD	.01232	.47689	12.834	12.992	.79536	20.461	36.445	14.543

#1	11.174	.00241	4.0782	.00172	.65776	4.4425	.00085	.07054
#2	11.176	.00240	3.3996	.00143	.65040	3.3195	.00050	.05738

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2634	1.9995	.00204	.00549	.00545	.4870	-.00166	3.5931
Stddev	.0011	.0144	.00069	.00333	.00207	.0021	.00005	.0824
%RSD	.08444	.72074	33.965	60.736	37.919	.4410	3.2700	2.2944

#1	1.2641	2.0097	.00253	.00785	.00691	.4885	-.00170	3.6514
#2	1.2626	1.9894	.00155	.00313	.00399	.4855	-.00162	3.5348

Sample Name: J6311-03DL2X50 Acquired: 12/13/2018 13:26:06 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TANK-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3046
Stddev	.2516
%RSD	19.282

#1	1.4824
#2	1.1267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.8	53766.	5083.4	105.84	4377.2
Stddev	8.5	272.	10.8	.81	4.3
%RSD	.22164	.50507	.21320	.76275	.09878

#1	3846.8	53574.	5075.8	105.27	4374.1
#2	3858.9	53958.	5091.1	106.41	4380.2

Sample Name: J6334-01DLX10 Acquired: 12/13/2018 13:30:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00037	.11405	.00589	-.00173	.35692	.50094	.00012
Stddev	.00347	.00078	.00178	.00042	.00340	.00791	.00121	.00003
%RSD	485.06	210.21	1.5595	7.2101	196.06	2.2164	.24244	27.070

#1	.00174	.00018	.11531	.00619	.00067	.35133	.50180	.00010
#2	-.00317	-.00092	.11279	.00559	-.00414	.36252	.50008	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	4.1361	.56325	.00062	.01035	12.017	.09247	.91561
Stddev	.00004	.0597	.00028	.00011	.00045	.238	.00026	.02216
%RSD	15.398	1.4440	.04980	17.644	4.3920	1.9836	.27713	2.4207

#1	.00025	4.1784	.56305	.00070	.01068	12.185	.09265	.89993
#2	.00031	4.0939	.56345	.00054	.01003	11.848	.09229	.93128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00009	6.8377	.02332	.24887	1.1070	-.00007	.01505
Stddev	.00006	.00020	.0197	.00012	.00815	.0146	.00001	.00585
%RSD	1.9656	222.62	.28824	.49799	3.2743	1.3149	8.2852	38.871

#1	.00298	.00024	6.8517	.02340	.25463	1.1173	-.00007	.01092
#2	.00290	-.00005	6.8238	.02323	.24311	1.0967	-.00006	.01919

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78099	.56120	-.00035	.01088	.00242	.0344	.01978	3.4575
Stddev	.00456	.00443	.00019	.00208	.00247	.0018	.00005	.0371
%RSD	.58450	.78865	55.029	19.089	102.15	5.182	.25186	1.0731

#1	.78422	.56433	-.00021	.00941	.00067	.0331	.01975	3.4313
#2	.77776	.55807	-.00048	.01235	.00417	.0357	.01982	3.4837

Sample Name: J6334-01DLX10 Acquired: 12/13/2018 13:30:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1840
Stddev	.2710
%RSD	12.406

#1	1.9924
#2	2.3756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.2	54095.	5040.5	103.80	4315.4
Stddev	2.8	217.	66.1	3.51	2.3
%RSD	.07393	.40189	1.3118	3.3851	.05361

#1	3826.2	53941.	4993.7	101.31	4313.8
#2	3830.2	54249.	5087.2	106.28	4317.0

Sample Name: J6334-07 Acquired: 12/13/2018 13:34:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B3-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09131	-.00451	.99267	.15163	.00503	2.2774	.26067	.00397
Stddev	.00226	.00156	.00092	.00097	.00269	.0136	.00099	.00008
%RSD	2.4787	34.703	.09301	.63896	53.594	.59655	.38105	2.0834
#1	-.09291	-.00340	.99332	.15095	.00693	2.2678	.25996	.00403
#2	-.08971	-.00561	.99201	.15232	.00312	2.2870	.26137	.00391
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07452	5.8538	-.02706	.00737	-.04867	F 929.91	5.1637	3.1020
Stddev	.00088	.0163	.00051	.00017	.00165	4.80	.0016	.0214
%RSD	1.1806	.27774	1.8718	2.2940	3.3901	.51616	.03159	.68932
#1	.07390	5.8423	-.02742	.00749	-.04983	933.31	5.1649	3.1171
#2	.07515	5.8653	-.02670	.00725	-.04750	926.52	5.1625	3.0868
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01898	-.01560	59.303	.01067	4.9008	15.720	-.00185	.56491
Stddev	.00067	.00183	.112	.00034	.0496	.046	.00014	.01542
%RSD	3.5065	11.753	.18958	3.2019	1.0128	.29164	7.5930	2.7289
#1	-.01851	-.01430	59.382	.01042	4.9359	15.753	-.00194	.57581
#2	-.01945	-.01689	59.223	.01091	4.8657	15.688	-.00175	.55401
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5921	3.6474	.01394	.08741	.01472	.1844	-.89859	<.00000
Stddev	.0030	.0181	.00011	.00057	.00051	.0023	.00549	.05858
%RSD	.18735	.49679	.75370	.64856	3.4384	1.244	.61052	10.687
#1	1.5942	3.6603	.01401	.08781	.01508	.1860	-.90247	-.50674
#2	1.5900	3.6346	.01386	.08701	.01436	.1827	-.89471	-.58959

Sample Name: J6334-07 Acquired: 12/13/2018 13:34:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B3-121018 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.0	50471.	4963.9	94.855	3609.6
Stddev	15.9	60.	46.7	1.246	7.6
%RSD	.44354	.11982	.94130	1.3134	.21074
#1	3577.8	50428.	4930.8	93.974	3604.3
#2	3600.3	50513.	4996.9	95.736	3615.0

Sample Name: J6334-10 Acquired: 12/13/2018 13:38:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04286	-.00921	.48143	.03214	.00220	58.653	2.1627
Stddev	.00130	.00031	.00063	.00214	.00131	.305	.0818
%RSD	3.0446	3.3690	.13040	6.6588	59.736	.51920	3.7831

#1	.04378	-.00943	.48098	.03365	.00127	58.868	2.2205
#2	.04193	-.00899	.48187	.03062	.00313	58.438	2.1048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	-.00154	108.72	.06599	.06402	.38463	128.03
Stddev	.00005	.00049	3.08	.00103	.00033	.00117	4.93
%RSD	1.3993	31.743	2.8307	1.5626	.51690	.30540	3.8542

#1	.00336	-.00188	110.90	.06526	.06425	.38546	131.52
#2	.00329	-.00119	106.55	.06672	.06378	.38380	124.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.698	30.887	.08438	.00190	150.27	.13040	.49913
Stddev	.024	1.043	.00056	.00017	5.68	.00094	.01863
%RSD	.15058	3.3786	.66717	8.8964	3.7804	.71727	3.7332

#1	15.681	31.625	.08399	.00178	154.29	.12974	.51230
#2	15.715	30.149	.08478	.00202	146.26	.13106	.48595

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.869	.00175	.22172	F 33.438	F 63.949	.02165	1.5579
Stddev	.311	.00063	.00418	.200	1.682	.00018	.0508
%RSD	2.6176	36.118	1.8848	.59931	2.6297	.84611	3.2586

#1	12.089	.00130	.22468	33.296	65.138	.02152	1.5938
#2	11.650	.00219	.21877	33.580	62.759	.02178	1.5220

Sample Name: J6334-10 Acquired: 12/13/2018 13:38:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GW-121018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06063	2.823	.39845	3.9245	F<.00000
Stddev	.00210	.003	.01327	.2331	.03755
%RSD	3.4625	.0912	3.3294	5.9396	.49957

#1	.06212	2.825	.40783	4.0894	-7.5426
#2	.05915	2.821	.38907	3.7597	-7.4895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.6	52955.	5155.8	94.574	3693.2
Stddev	1.8	215.	164.2	3.333	19.7
%RSD	.04713	.40588	3.1846	3.5237	.53407

#1	3804.4	52803.	5039.7	92.218	3707.2
#2	3806.9	53107.	5271.9	96.931	3679.3

Sample Name: J6340-12 Acquired: 12/13/2018 13:42:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.00248	.02029	.00831	-.00229	11.705	.15473	.00059
Stddev	.00316	.00046	.00090	.00258	.00129	.178	.00248	.00004
%RSD	74.812	18.402	4.4404	31.004	56.140	1.5232	1.6049	7.4839
#1	.00645	-.00216	.01965	.00649	-.00138	11.579	.15298	.00056
#2	.00199	-.00280	.02093	.01013	-.00321	11.831	.15649	.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	26.892	.01653	.02185	.02240	9.2332	.26074	5.3413
Stddev	.00000	.683	.00129	.00056	.00066	.0455	.00338	.1285
%RSD	.87629	2.5413	7.7784	2.5501	2.9472	.49260	1.2953	2.4055
#1	-.00030	26.408	.01562	.02146	.02287	9.2011	.25835	5.2505
#2	-.00030	27.375	.01744	.02225	.02194	9.2654	.26313	5.4322
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00578	.00038	166.57	.03560	.03253	7.0184	.00206	.10692
Stddev	.00037	.00030	2.57	.00100	.00033	.1269	.00034	.00548
%RSD	6.3910	77.963	1.5405	2.7968	1.0172	1.8076	16.579	5.1276
#1	.00604	.00059	164.75	.03489	.03277	6.9287	.00230	.10304
#2	.00552	.00017	168.38	.03630	.03230	7.1081	.00182	.11079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.170	F 18.142	-.00322	.31322	.00511	.0872	.19803	5.0648
Stddev	.047	.321	.00023	.00077	.00074	.0007	.00477	.0566
%RSD	.36036	1.7699	7.1007	.24669	14.451	.7986	2.4110	1.1185
#1	13.136	17.915	-.00306	.31377	.00459	.0867	.19465	5.0248
#2	13.203	18.369	-.00338	.31267	.00563	.0877	.20141	5.1049

Sample Name: J6340-12 Acquired: 12/13/2018 13:42:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5774
Stddev	.0784
%RSD	2.1925

#1	3.5219
#2	3.6328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.9	50397.	5045.1	104.37	3945.7
Stddev	18.3	323.	39.2	.39	3.5
%RSD	.50059	.64156	.77664	.37218	.08868

#1	3638.0	50625.	5072.8	104.10	3948.2
#2	3663.8	50168.	5017.4	104.65	3943.2

Sample Name: J6340-12DUP Acquired: 12/13/2018 13:46:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	-.00315	.01628	.01257	-.00216	8.8076	.15134	.00045
Stddev	.00051	.00184	.00048	.00061	.00072	.1232	.00104	.00007
%RSD	9.0770	58.460	2.9343	4.8161	33.244	1.3992	.68412	15.943
#1	.00597	-.00185	.01594	.01300	-.00165	8.8947	.15061	.00040
#2	.00525	-.00445	.01661	.01214	-.00267	8.7205	.15207	.00050
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	27.196	.01484	.02203	.02204	9.0617	.25666	5.3479
Stddev	.00005	.258	.00037	.00014	.00033	.0767	.00017	.0996
%RSD	15.826	.94953	2.4778	.64933	1.5031	.84662	.06570	1.8616
#1	-.00035	27.013	.01458	.02213	.02228	9.0074	.25654	5.2775
#2	-.00028	27.379	.01510	.02193	.02181	9.1159	.25677	5.4183
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	.00029	167.97	.03243	.03126	6.8785	.00234	.10952
Stddev	.00114	.00039	.61	.00024	.00012	.0292	.00008	.00331
%RSD	18.334	133.45	.36110	.75030	.37526	.42503	3.3127	3.0195
#1	.00541	.00057	167.55	.03260	.03117	6.8578	.00229	.10718
#2	.00702	.00002	168.40	.03226	.03134	6.8991	.00240	.11186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.132	F 15.218	-.00409	.22959	.00692	.0817	.19923	4.9621
Stddev	.037	.116	.00098	.00290	.00013	.0007	.00178	.1125
%RSD	.28319	.75904	23.962	1.2614	1.9309	.9018	.89257	2.2671
#1	13.106	15.137	-.00478	.23164	.00682	.0812	.19797	4.8826
#2	13.158	15.300	-.00340	.22754	.00701	.0822	.20049	5.0417

Sample Name: J6340-12DUP Acquired: 12/13/2018 13:46:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3672
Stddev	.4265
%RSD	18.015

#1	2.0656
#2	2.6687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.9	50863.	4984.0	104.57	3935.7
Stddev	22.6	37.	26.3	.86	14.0
%RSD	.61978	.07335	.52695	.82175	.35472

#1	3636.9	50889.	5002.6	105.17	3925.9
#2	3668.9	50837.	4965.5	103.96	3945.6

Sample Name: J6340-12LX5 Acquired: 12/13/2018 13:50:01 Type: Unk
Method: P4-ICP2(v2649) 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	.00038	.00012	.01076	-.00047	-.00194	1.6351	.03074	.00017
Stddev	.00338	.00198	.00090	.00135	.00104	.0006	.00016	.00003
%RSD	883.39	1709.8	8.3806	285.26	53.605	.03655	.52056	20.429

#1	.00277	.00152	.01139	-.00143	-.00120	1.6347	.03085	.00014
#2	-.00201	-.00129	.01012	.00048	-.00267	1.6355	.03062	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	5.4665	.00283	.00433	.00457	1.8236	.05296	1.0743
Stddev	.00007	.0326	.00063	.00017	.00054	.0231	.00024	.0121
%RSD	129.96	.59557	22.342	3.9535	11.863	1.2682	.46114	1.1234

#1	-.00000	5.4435	.00328	.00445	.00419	1.8400	.05313	1.0829
#2	-.00010	5.4895	.00238	.00421	.00495	1.8073	.05279	1.0658

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00042	33.514	.00720	.00486	1.4652	.00064	.02281
Stddev	.00017	.00022	.096	.00070	.00001	.0039	.00006	.00391
%RSD	96.466	52.547	.28768	9.6804	.19192	.26407	8.6594	17.131

#1	.00030	.00027	33.446	.00671	.00487	1.4679	.00067	.02557
#2	.00006	.00058	33.582	.00770	.00485	1.4625	.00060	.02004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5551	3.0720	-.00172	.04586	.00224	.0143	.03985	3.8908
Stddev	.0157	.0080	.00036	.00371	.00167	.0004	.00044	.0239
%RSD	.61454	.25896	20.695	8.0856	74.755	2.663	1.0947	.61537

#1	2.5440	3.0776	-.00147	.04323	.00342	.0146	.03954	3.9077
#2	2.5662	3.0664	-.00197	.04848	.00106	.0141	.04015	3.8738

Sample Name: J6340-12LX5 Acquired: 12/13/2018 13:50:01 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .91086
 Stddev .23832
 %RSD 26.165

#1 1.0794
 #2 .74234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3750.1	52799.	5040.3	107.08	4208.3
Stddev	12.4	23.	11.5	.45	20.0
%RSD	.33027	.04447	.22847	.41669	.47436

#1	3758.8	52783.	5032.2	106.77	4222.4
#2	3741.3	52816.	5048.5	107.40	4194.2

Sample Name: J6340-12MS Acquired: 12/13/2018 13:54:03 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70593	1.6329	.86094	1.6657	.68814	12.040	.33677	.17536
Stddev	.00614	.0028	.00334	.0004	.00061	.151	.00274	.00012
%RSD	.87036	.17355	.38847	.02316	.08834	1.2521	.81220	.06672

#1	.71027	1.6349	.86330	1.6654	.68771	11.933	.33483	.17527
#2	.70159	1.6309	.85857	1.6659	.68857	12.146	.33870	.17544

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16806	27.401	.37537	.19911	.28723	12.184	.43031	7.0521
Stddev	.00015	.484	.00097	.00049	.00084	.094	.00067	.0616
%RSD	.08844	1.7662	.25874	.24783	.29130	.77491	.15616	.87307

#1	.16795	27.059	.37468	.19946	.28782	12.117	.42983	7.0956
#2	.16816	27.743	.37606	.19876	.28664	12.250	.43078	7.0085

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43491	.06316	165.74	.29507	.21728	15.640	.35933	.34419
Stddev	.00080	.00046	1.07	.00012	.00119	.128	.00037	.02257
%RSD	.18319	.73526	.64546	.04140	.54874	.81681	.10172	6.5570

#1	.43548	.06349	164.98	.29516	.21812	15.550	.35959	.32824
#2	.43435	.06283	166.50	.29498	.21643	15.731	.35907	.36015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.934	F 16.903	.58930	.36064	.18549	4.875	.37015	5.2720
Stddev	.027	.036	.00090	.00484	.00428	.009	.00393	.0953
%RSD	.20655	.21467	.15349	1.3416	2.3057	.1806	1.0613	1.8073

#1	12.953	16.928	.58993	.35722	.18246	4.881	.36737	5.3393
#2	12.915	16.877	.58866	.36406	.18851	4.869	.37293	5.2046

Sample Name: J6340-12MS Acquired: 12/13/2018 13:54:03 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TWP-01MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1864
Stddev	.6431
%RSD	54.203

#1	1.6411
#2	.73168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.4	50350.	4968.6	103.33	3865.1
Stddev	16.8	41.	.3	.58	16.5
%RSD	.46379	.08179	.00703	.56442	.42599

#1	3606.5	50321.	4968.8	102.91	3853.5
#2	3630.2	50379.	4968.3	103.74	3876.8

Sample Name: CCV02 Acquired: 12/13/2018 14:06:03 Type: Unk
Method: P4-ICP2(v2649) 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	5.2971	5.0110	5.1663	5.1190	5.2883	10.385	10.453	.25891
Stddev	.0057	.0118	.0099	.0077	.0117	.138	.048	.00070
%RSD	.10704	.23495	.19159	.15004	.22056	1.3309	.46185	.27158
#1	5.2930	5.0027	5.1593	5.1244	5.2800	10.287	10.487	.25941
#2	5.3011	5.0193	5.1733	5.1136	5.2965	10.483	10.419	.25841
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5212	26.056	1.0338	2.5557	1.2985	4.9374	2.5861	25.747
Stddev	.0043	.157	.0015	.0039	.0043	.0326	.0031	.145
%RSD	.16873	.60285	.14445	.15318	.33145	.66032	.11784	.56274
#1	2.5181	25.945	1.0349	2.5529	1.2955	4.9605	2.5883	25.849
#2	2.5242	26.167	1.0328	2.5585	1.3015	4.9144	2.5840	25.644
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4924	1.3224	24.917	2.4546	2.5638	25.792	5.3114	4.9722
Stddev	.0040	.0027	.092	.0066	.0264	.109	.0102	.0311
%RSD	.16211	.20335	.37058	.27029	1.0309	.42436	.19131	.62459
#1	2.4895	1.3205	24.983	2.4593	2.5825	25.870	5.3042	4.9502
#2	2.4952	1.3243	24.852	2.4499	2.5451	25.715	5.3185	4.9941
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0948	5.2778	5.0936	5.1210	5.0862	4.977	5.2970	5.4926
Stddev	.0074	.0292	.0161	.0030	.0076	.005	.0058	.0854
%RSD	.14585	.55305	.31690	.05791	.14881	.0939	.11006	1.5551
#1	5.0895	5.2984	5.0822	5.1189	5.0916	4.974	5.2929	5.4322
#2	5.1000	5.2571	5.1050	5.1231	5.0809	4.980	5.3012	5.5530

Sample Name: CCV02 Acquired: 12/13/2018 14:06:03 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2349
Stddev	.0492
%RSD	2.2029

#1	2.2697
#2	2.2001

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.0	50211.	5015.6	102.54	3785.5
Stddev	.2	9.	38.6	1.15	2.1
%RSD	.00638	.01737	.76953	1.1193	.05550
#1	3561.8	50205.	4988.3	101.73	3786.9
#2	3562.2	50217.	5042.9	103.35	3784.0

Sample Name: CCB02 Acquired: 12/13/2018 14:18:27 Type: Unk
Method: P4-ICP2(v2649) 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	-.00086	-.00045	F .00488	-.00197	-.00211	.00751	.00131
Stddev	.00285	.00018	.00007	.00181	.00103	.00257	.00092
%RSD	331.16	40.659	1.4267	91.715	48.734	34.180	69.942

#1	.00116	-.00032	.00483	-.00069	-.00138	.00932	.00196
#2	-.00288	-.00058	.00493	-.00325	-.00284	.00569	.00066

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00008	.01976	-.00031	-.00005	-.00007	.00841
Stddev	.00000	.00004	.00194	.00029	.00029	.00007	.00686
%RSD	10.038	52.684	9.8412	93.129	578.51	105.84	81.625

#1	.00003	-.00011	.01839	-.00051	-.00025	-.00011	.01326
#2	.00004	-.00005	.02114	-.00010	.00015	-.00002	.00356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.04982	-.00078	.00047	-.05800	-.00010	-.00341
Stddev	.00006	.01478	.00021	.00026	.01582	.00033	.00003
%RSD	34.479	29.679	26.243	53.769	27.281	333.23	.83993

#1	.00022	-.06027	-.00093	.00029	-.04681	-.00033	-.00343
#2	.00013	-.03936	-.00064	.00065	-.06919	.00013	-.00339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07030	-.00014	-.01442	-.00950	.00325	-.00083	.00144
Stddev	.03654	.00027	.00386	.00074	.00360	.00018	.00243
%RSD	51.978	193.71	26.779	7.8260	110.61	21.175	169.08

#1	.04446	.00005	-.01715	-.00898	.00579	-.00071	-.00028
#2	.09614	-.00033	-.01169	-.01003	.00071	-.00095	.00316

Sample Name: CCB02 Acquired: 12/13/2018 14:18:27 Type: Unk
Method: P4-ICP2(v2649) 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	-0.00001	-0.0047	-0.00043	F 3.8912	F<.00000
Stddev	.00219	.0002	.00004	.0515	.16652
%RSD	16454.	4.815	9.5078	1.3245	49.737

#1	.00153	-.0048	-.00046	3.9277	-.45254
#2	-.00156	-.0045	-.00040	3.8548	-.21705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.1	52964.	4946.4	102.59	4342.9
Stddev	37.6	211.	188.3	2.64	36.0
%RSD	.99901	.39788	3.8070	2.5732	.82963

#1	3787.7	52815.	4813.3	100.73	4368.4
#2	3734.6	53113.	5079.6	104.46	4317.4

Sample Name: J6340-12A Acquired: 12/13/2018 14:22:32 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71256	1.6245	.85904	1.6937	.69968	12.074	.33798	.17602
Stddev	.00423	.0020	.00014	.0048	.00050	.124	.00103	.00060
%RSD	.59354	.12111	.01673	.28180	.07177	1.0275	.30479	.34154

#1	.71555	1.6231	.85894	1.6971	.70004	12.162	.33725	.17560
#2	.70956	1.6259	.85915	1.6903	.69933	11.986	.33871	.17645

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16792	27.357	.37328	.19910	.29066	12.132	.43000	6.9624
Stddev	.00004	.209	.00005	.00061	.00053	.122	.00007	.0796
%RSD	.02508	.76271	.01406	.30415	.18308	1.0056	.01681	1.1435

#1	.16795	27.209	.37332	.19867	.29103	12.219	.42995	6.9061
#2	.16789	27.504	.37324	.19953	.29028	12.046	.43005	7.0187

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43399	.06236	168.93	.29407	.21614	15.732	.36403	.34827
Stddev	.00043	.00148	.15	.00177	.00407	.049	.00112	.00210
%RSD	.10005	2.3684	.08752	.60230	1.8810	.31165	.30756	.60390

#1	.43369	.06340	169.04	.29532	.21902	15.697	.36482	.34975
#2	.43430	.06132	168.83	.29282	.21327	15.766	.36324	.34678

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.069	F 16.981	.58943	.36124	.19170	4.907	.37489	5.3986
Stddev	.017	.032	.00078	.00352	.00228	.001	.00014	.0877
%RSD	.12627	.18552	.13171	.97541	1.1889	.0112	.03862	1.6237

#1	13.057	17.003	.58888	.35875	.19008	4.907	.37479	5.4605
#2	13.081	16.959	.58997	.36374	.19331	4.906	.37499	5.3366

Sample Name: J6340-12A Acquired: 12/13/2018 14:22:32 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-01MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.57317
Stddev	.35695
%RSD	62.276

#1	.32077
#2	.82557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.5	49994.	4921.9	103.35	3813.5
Stddev	14.8	218.	21.9	2.01	11.8
%RSD	.41757	.43664	.44515	1.9406	.30828

#1	3540.0	49840.	4906.4	101.93	3805.2
#2	3561.0	50149.	4937.4	104.77	3821.8

Sample Name: J6340-12MSD Acquired: 12/13/2018 14:26:22 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72080	1.6308	.86142	1.6998	.70202	12.240	.33807	.17756
Stddev	.00205	.0088	.00341	.0055	.00146	.024	.00177	.00031
%RSD	.28376	.54124	.39629	.32170	.20736	.19230	.52257	.17265

#1	.71935	1.6246	.86383	1.7037	.70100	12.223	.33683	.17778
#2	.72225	1.6371	.85901	1.6959	.70305	12.256	.33932	.17734

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16828	27.451	.37570	.19941	.29137	12.269	.43204	6.9773
Stddev	.00026	.521	.00356	.00007	.00128	.268	.00250	.0164
%RSD	.15353	1.8985	.94874	.03543	.43971	2.1845	.57824	.23497

#1	.16809	27.082	.37318	.19946	.29228	12.079	.43027	6.9657
#2	.16846	27.819	.37822	.19936	.29046	12.458	.43381	6.9888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43404	.06426	169.04	.29448	.21844	15.850	.36547	.35483
Stddev	.00082	.00102	.98	.00014	.00208	.083	.00129	.00581
%RSD	.18806	1.5814	.57838	.04737	.95431	.52307	.35341	1.6388

#1	.43462	.06354	168.35	.29458	.21697	15.791	.36638	.35071
#2	.43347	.06498	169.73	.29438	.21992	15.908	.36455	.35894

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.115	F 16.879	.59147	.35700	.19099	4.909	.37547	5.3111
Stddev	.020	.241	.00175	.00011	.00492	.013	.00391	.2884
%RSD	.15365	1.4297	.29610	.03058	2.5770	.2690	1.0412	5.4292

#1	13.129	16.708	.59023	.35692	.18751	4.900	.37271	5.1072
#2	13.101	17.050	.59271	.35708	.19447	4.918	.37824	5.5150

Sample Name: J6340-12MSD Acquired: 12/13/2018 14:26:22 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.78387
Stddev	.04891
%RSD	6.2393

#1	.81845
#2	.74929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.1	49858.	4958.8	102.51	3807.3
Stddev	20.3	34.	46.1	.67	15.4
%RSD	.57461	.06874	.93027	.64934	.40401

#1	3519.7	49882.	4991.4	102.98	3796.5
#2	3548.4	49834.	4926.2	102.04	3818.2

Sample Name: J6334-02 Acquired: 12/13/2018 14:30:12 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00078	.00128	-.00062	-.00253	-.00079	.43374	.00005
Stddev	.00370	.00014	.00002	.00123	.00162	.00804	.00358	.00006
%RSD	458.50	17.929	1.5495	198.52	64.047	1012.8	.82498	135.50

#1	.00181	-.00088	.00127	-.00149	-.00138	-.00648	.43121	.00009
#2	-.00342	-.00068	.00130	.00025	-.00367	.00489	.43627	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	4.1589	.00024	.00007	.00048	.01034	.02051	.88713
Stddev	.00001	.0487	.00028	.00001	.00003	.00161	.00012	.03337
%RSD	10.256	1.1716	117.04	9.1752	5.9591	15.583	.58482	3.7616

#1	-.00008	4.1245	.00044	.00008	.00050	.01148	.02043	.86353
#2	-.00010	4.1934	.00004	.00007	.00046	.00920	.02060	.91072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	.00044	6.9319	.00009	.00641	.70881	.00053	.02073
Stddev	.00053	.00089	.0500	.00039	.00002	.03102	.00017	.00764
%RSD	96.602	200.64	.72073	452.72	.29059	4.3764	32.438	36.832

#1	-.00017	-.00019	6.8966	.00037	.00640	.73075	.00041	.01533
#2	-.00093	.00108	6.9673	-.00019	.00643	.68688	.00065	.02613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21486	.14701	-.00145	.00235	-.00062	-.0003	.03329	3.8598
Stddev	.00140	.00450	.00000	.00083	.00296	.0005	.00079	.0647
%RSD	.65319	3.0614	.19938	35.369	476.31	187.7	2.3713	1.6767

#1	.21387	.14383	-.00145	.00293	.00147	.0001	.03273	3.9056
#2	.21585	.15019	-.00144	.00176	-.00272	-.0007	.03385	3.8140

Sample Name: J6334-02 Acquired: 12/13/2018 14:30:12 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .17258
%RSD 23.644

#1 -.60786
#2 -.85192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.7	53184.	5135.2	109.00	4259.7
Stddev	2.6	57.	38.9	.74	8.3
%RSD	.06968	.10714	.75701	.67591	.19547

#1	3702.8	53144.	5162.7	109.52	4253.8
#2	3706.5	53224.	5107.7	108.48	4265.5

Sample Name: J6334-02DUP Acquired: 12/13/2018 14:34:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	-.00064	.00144	.00223	-.00188	.00945	.43171	.00005
Stddev	.00137	.00006	.00137	.00166	.00076	.01241	.00404	.00001
%RSD	240.43	9.7040	94.880	74.545	40.502	131.36	.93556	10.729

#1	.00040	-.00069	.00241	.00341	-.00242	.01822	.42886	.00005
#2	-.00154	-.00060	.00048	.00106	-.00134	.00067	.43457	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	4.1115	.00063	-.00017	.00033	.01954	.02011	.91083
Stddev	.00003	.0313	.00012	.00018	.00014	.00621	.00004	.06297
%RSD	33.907	.76183	19.410	106.65	42.654	31.768	.22054	6.9134

#1	-.00006	4.0894	.00054	-.00030	.00023	.01515	.02008	.86630
#2	-.00010	4.1337	.00072	-.00004	.00043	.02393	.02014	.95536

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00040	6.8778	.00008	.00611	.66739	.00037	.02065
Stddev	.00002	.00079	.0670	.00028	.00026	.01689	.00006	.00615
%RSD	8.0192	197.41	.97397	334.25	4.1918	2.5314	16.262	29.792

#1	-.00031	.00096	6.8304	-.00011	.00629	.65545	.00033	.02500
#2	-.00028	-.00016	6.9252	.00028	.00593	.67934	.00041	.01630

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21510	.14505	-.00060	.00255	-.00067	.0000	.03329	4.2425
Stddev	.00101	.00264	.00040	.00038	.00114	.0009	.00047	.1625
%RSD	.46800	1.8232	67.686	14.990	169.39	30120.	1.4021	3.8307

#1	.21581	.14692	-.00031	.00282	-.00147	-.0006	.03296	4.3574
#2	.21439	.14318	-.00088	.00228	.00013	.0006	.03362	4.1276

Sample Name: J6334-02DUP Acquired: 12/13/2018 14:34:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .47996
%RSD 58.411

#1 -1.1611
#2 -.48231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.9	52803.	5088.4	106.91	4251.0
Stddev	7.0	305.	2.9	1.26	7.2
%RSD	.19068	.57694	.05773	1.1818	.16991

#1	3700.9	52588.	5086.3	106.02	4256.2
#2	3690.9	53019.	5090.5	107.81	4245.9

Sample Name: J6334-02LX5 Acquired: 12/13/2018 14:38:24 Type: Unk
Method: P4-ICP2(v2649) 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	-.00241	.00018	.00234	.00341	-.00200	.00156	.09090	.00003
Stddev	.00210	.00073	.00061	.00412	.00013	.00752	.00070	.00003
%RSD	86.939	403.21	26.261	120.98	6.6815	482.19	.76673	88.502

#1	-.00389	.00070	.00277	.00049	-.00210	.00688	.09140	.00005
#2	-.00093	-.00034	.00190	.00632	-.00191	-.00376	.09041	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.88053	.00406	-.00002	.00064	.01970	.00450	.10842
Stddev	.00005	.01010	.00029	.00026	.00007	.00589	.00001	.04424
%RSD	1987.0	1.1467	7.1430	1689.3	11.464	29.914	.32507	40.803

#1	-.00003	.87339	.00386	.00017	.00058	.01553	.00449	.07714
#2	.00003	.88767	.00427	-.00020	.00069	.02387	.00451	.13970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00063	1.3930	-.00009	-.00138	.18784	.00003	.00184
Stddev	.00033	.00082	.0153	.00062	.00008	.00601	.00009	.00075
%RSD	70.657	130.53	1.0991	675.77	5.5115	3.2010	262.69	40.891

#1	.00023	.00005	1.3821	.00035	-.00144	.18359	-.00003	.00238
#2	.00070	.00121	1.4038	-.00053	-.00133	.19209	.00010	.00131

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04033	.03359	-.00139	.00022	-.00323	-.0022	.00680	3.9689
Stddev	.00406	.00400	.00049	.00187	.00084	.0027	.00009	.0741
%RSD	10.055	11.897	35.263	841.48	26.131	122.8	1.2554	1.8657

#1	.04320	.03076	-.00104	-.00110	-.00263	-.0041	.00674	3.9166
#2	.03747	.03642	-.00173	.00155	-.00383	-.0003	.00686	4.0213

Sample Name: J6334-02LX5 Acquired: 12/13/2018 14:38:24 Type: Unk
Method: P4-ICP2(v2649) 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	.24274
%RSD	41.035

#1	-.76319
#2	-.41990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.1	52921.	5058.2	107.83	4269.3
Stddev	3.0	205.	3.5	2.22	7.5
%RSD	.08164	.38801	.06939	2.0547	.17520

#1	3713.2	52776.	5055.8	109.40	4264.0
#2	3708.9	53066.	5060.7	106.27	4274.6

Sample Name: J6334-02MS Acquired: 12/13/2018 14:42:29 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80757	1.9375	.98589	1.9171	.81543	2.0581	.70599
Stddev	.00925	.0006	.00243	.0166	.00177	.0327	.00138
%RSD	1.1452	.02873	.24664	.86564	.21744	1.5909	.19594

#1	.81411	1.9379	.98417	1.9288	.81418	2.0350	.70501
#2	.80103	1.9371	.98761	1.9053	.81669	2.0813	.70697

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19625	.18925	5.7811	.43089	.20445	.32114	3.1359
Stddev	.00075	.00015	.0327	.00199	.00023	.00021	.0303
%RSD	.38109	.07805	.56634	.46145	.11490	.06691	.96777

#1	.19572	.18915	5.7580	.42949	.20428	.32129	3.1144
#2	.19678	.18935	5.8043	.43230	.20461	.32099	3.1574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23890	3.2055	.49209	.07407	10.857	.30708	.21638
Stddev	.00004	.0057	.00015	.00027	.012	.00046	.00030
%RSD	.01820	.17937	.03008	.35819	.11288	.14960	.13795

#1	.23887	3.2015	.49199	.07426	10.848	.30676	.21659
#2	.23893	3.2096	.49220	.07388	10.865	.30741	.21616

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.257	.42992	.31881	.23133	1.1506	.66002	.20769
Stddev	.080	.00027	.00268	.00094	.0146	.00148	.00148
%RSD	.70754	.06379	.84046	.40625	1.2641	.22452	.71274

#1	11.201	.42973	.32070	.23200	1.1609	.65897	.20664
#2	11.313	.43012	.31691	.23067	1.1404	.66107	.20874

Sample Name: J6334-02MS Acquired: 12/13/2018 14:42:29 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21171	5.192	.25196	4.3379	F<.00000
Stddev	.00065	.001	.00044	.1307	.40072
%RSD	.30730	.0185	.17275	3.0127	20.534

#1	.21125	5.193	.25165	4.2455	-2.2348
#2	.21217	5.192	.25227	4.4303	-1.6681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.1	52439.	4949.2	103.18	4159.8
Stddev	16.5	256.	28.0	.49	11.9
%RSD	.44990	.48730	.56548	.47132	.28579

#1	3651.5	52620.	4929.4	102.84	4151.4
#2	3674.8	52258.	4969.0	103.53	4168.2

Sample Name: J6334-02MSD Acquired: 12/13/2018 14:46:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80286	1.9227	.98075	1.9183	.81124	2.0560	.70179
Stddev	.00158	.0066	.00240	.0009	.00024	.0008	.00127
%RSD	.19689	.34260	.24487	.04653	.02972	.03935	.18123

#1	.80174	1.9180	.97906	1.9190	.81141	2.0566	.70269
#2	.80398	1.9273	.98245	1.9177	.81107	2.0555	.70089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19549	.18835	5.7290	.42730	.20305	.31955	3.0101
Stddev	.00031	.00006	.0583	.00486	.00046	.00001	.0008
%RSD	.15768	.03343	1.0176	1.1372	.22799	.00232	.02794

#1	.19527	.18839	5.6877	.42386	.20272	.31955	3.0095
#2	.19570	.18831	5.7702	.43073	.20338	.31956	3.0107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23773	3.0866	.48925	.07325	10.752	.30366	.20992
Stddev	.00015	.0769	.00084	.00023	.039	.00096	.00050
%RSD	.06486	2.4923	.17213	.32045	.35852	.31706	.23828

#1	.23762	3.0322	.48865	.07309	10.780	.30434	.21027
#2	.23784	3.1410	.48984	.07342	10.725	.30298	.20957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.047	.42757	.30953	.23976	1.1261	.65522	.20241
Stddev	.108	.00123	.01267	.00267	.0055	.00202	.00208
%RSD	.97877	.28848	4.0925	1.1141	.48972	.30794	1.0275

#1	10.970	.42670	.30057	.23787	1.1222	.65379	.20094
#2	11.123	.42844	.31849	.24165	1.1300	.65665	.20388

Sample Name: J6334-02MSD Acquired: 12/13/2018 14:46:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B1-121018MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20650	5.175	.24726	4.4750	F<.00000
Stddev	.00347	.028	.00007	.0220	.27045
%RSD	1.6786	.5373	.02683	.49103	16.436

#1	.20405	5.156	.24721	4.4594	-1.4542
#2	.20895	5.195	.24730	4.4905	-1.8367

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.1	51768.	4980.3	105.16	4131.7
Stddev	13.3	182.	9.1	.76	19.8
%RSD	.36665	.35147	.18306	.72345	.47964

#1	3626.7	51639.	4973.9	104.62	4117.7
#2	3645.6	51897.	4986.8	105.70	4145.7

Sample Name: J6334-02A Acquired: 12/13/2018 14:50:08 Type: Unk
 Method: P4-ICP2(v2649) 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	.80219	1.9285	.98624	1.9205	.81515	2.0376	.71875
Stddev	.00256	.0084	.00056	.0022	.00551	.0030	.00281
%RSD	.31925	.43457	.05687	.11610	.67627	.14512	.39044

#1	.80400	1.9226	.98585	1.9221	.81905	2.0355	.72074
#2	.80038	1.9344	.98664	1.9190	.81125	2.0397	.71677

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19552	.18922	5.8719	.42846	.20369	.32040	3.0626
Stddev	.00006	.00039	.0096	.00005	.00082	.00094	.0365
%RSD	.03041	.20557	.16344	.01117	.40297	.29255	1.1923

#1	.19556	.18894	5.8787	.42843	.20311	.31974	3.0368
#2	.19548	.18949	5.8651	.42850	.20427	.32107	3.0884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23863	3.1420	.49080	.07342	11.036	.30457	.21230
Stddev	.00012	.0149	.00113	.00060	.002	.00101	.00399
%RSD	.05035	.47365	.22966	.81979	.02221	.33242	1.8794

#1	.23872	3.1526	.49000	.07384	11.038	.30385	.20948
#2	.23855	3.1315	.49160	.07299	11.034	.30529	.21512

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.130	.42879	.32555	.23747	1.1427	.65605	.20270
Stddev	.080	.00010	.00673	.00279	.0054	.00042	.00074
%RSD	.71650	.02402	2.0660	1.1766	.46967	.06474	.36507

#1	11.186	.42872	.32079	.23549	1.1465	.65575	.20322
#2	11.074	.42887	.33030	.23944	1.1389	.65635	.20218

Sample Name: J6334-02A Acquired: 12/13/2018 14:50:08 Type: Unk
 Method: P4-ICP2(v2649) 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	.20892	5.187	.25173	4.4598	F<.00000
Stddev	.00072	.006	.00103	.1947	.13889
%RSD	.34568	.1136	.40953	4.3657	5.3153

#1	.20944	5.191	.25246	4.5975	-2.5148
#2	.20841	5.183	.25100	4.3221	-2.7113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.2	52042.	4949.7	104.29	4125.0
Stddev	27.0	206.	29.7	1.57	18.0
%RSD	.74205	.39557	.60024	1.5077	.43576

#1	3620.1	51896.	4928.6	105.40	4112.3
#2	3658.3	52188.	4970.7	103.18	4137.7

Sample Name: CCV03 Acquired: 12/13/2018 15:02:04 Type: Unk
Method: P4-ICP2(v2649) 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	5.2259	4.9388	5.0958	5.0324	5.2063	10.503	10.586	.26103	2.4835
Stddev	.1454	.1169	.1283	.1349	.1572	.079	.030	.00314	.0566
%RSD	2.7825	2.3676	2.5182	2.6802	3.0197	.74740	.28803	1.2038	2.2810
#1	5.3287	5.0214	5.1865	5.1278	5.3174	10.558	10.564	.26326	2.5236
#2	5.1231	4.8561	5.0050	4.9371	5.0951	10.447	10.608	.25881	2.4435
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.387	1.0380	2.5187	1.2760	5.0757	2.6089	25.785	2.4477	1.3395
Stddev	.452	.0108	.0619	.0372	.0278	.0273	.250	.0624	.0154
%RSD	1.7146	1.0393	2.4555	2.9193	.54830	1.0475	.97095	2.5497	1.1480
#1	26.067	1.0457	2.5624	1.3023	5.0953	2.6283	25.608	2.4919	1.3504
#2	26.707	1.0304	2.4749	1.2497	5.0560	2.5896	25.962	2.4036	1.3286
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	25.080	2.4724	2.6427	26.090	5.2402	5.0008	5.0295	5.3230	5.0288
Stddev	.087	.0275	.0048	.095	.1394	.0522	.1330	.0297	.1179
%RSD	.34723	1.1134	.18253	.36477	2.6609	1.0443	2.6435	.55839	2.3436
#1	25.018	2.4919	2.6393	26.022	5.3388	4.9639	5.1235	5.3020	5.1122
#2	25.141	2.4530	2.6461	26.157	5.1416	5.0377	4.9355	5.3441	4.9455
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.1858	5.1537	4.903	5.3930	5.7223	1.3648			
Stddev	.0379	.0237	.125	.0317	.1262	.0632			
%RSD	.73024	.45971	2.557	.58706	2.2056	4.6308			
#1	5.1590	5.1369	4.991	5.3706	5.8115	1.3201			
#2	5.2125	5.1705	4.814	5.4154	5.6330	1.4095			

Sample Name: CCV03 Acquired: 12/13/2018 15:02:04 Type: Unk
Method: P4-ICP2(v2649) 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	3636.7	49708.	4967.0	100.13	3862.9
Stddev	121.2	454.	36.8	.49	125.6
%RSD	3.3320	.91404	.74169	.48582	3.2504
#1	3551.0	49387.	4993.0	99.787	3774.1
#2	3722.4	50030.	4940.9	100.48	3951.7

Sample Name: CCB03 Acquired: 12/13/2018 15:05:49 Type: Unk
Method: P4-ICP2(v2649) 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	-.00020	.00048	.00283	.00102	.00052	-.00456	.00163
Stddev	.00016	.00080	.00006	.00012	.00131	.00372	.00016
%RSD	82.363	166.79	2.0332	11.850	251.22	81.427	9.7797

#1	-.00032	-.00009	.00287	.00094	-.00040	-.00194	.00152
#2	-.00008	.00104	.00279	.00111	.00144	-.00719	.00174

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00010	-.00779	.00010	.00007	-.00041	.01629
Stddev	.00008	.00007	.00435	.00041	.00034	.00054	.01020
%RSD	141.21	76.763	55.900	391.85	486.34	131.52	62.642

#1	.00000	-.00004	-.01087	-.00018	.00031	-.00003	.02350
#2	.00011	-.00015	-.00471	.00039	-.00017	-.00079	.00907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04838	-.00088	.00043	-.11450	-.00015	-.00361
Stddev	.00001	.02679	.00003	.00012	.01066	.00005	.00002
%RSD	10.146	55.370	3.8924	27.804	9.3139	34.526	.56515

#1	.00008	-.02944	-.00091	.00051	-.12205	-.00011	-.00362
#2	.00007	-.06733	-.00086	.00034	-.10696	-.00019	-.00359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02057	.00053	-.01039	-.00922	.00094	-.00004	.00155
Stddev	.02139	.00013	.00617	.00018	.00040	.00029	.00100
%RSD	103.99	23.892	59.404	1.9909	42.605	779.56	64.662

#1	.00544	.00062	-.01476	-.00909	.00066	-.00024	.00225
#2	.03569	.00044	-.00603	-.00935	.00122	.00017	.00084

Sample Name: CCB03 Acquired: 12/13/2018 15:05:49 Type: Unk
Method: P4-ICP2(v2649) 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	-0.00076	-0.0043	-0.00036	F 4.1478	F<.00000
Stddev	.00098	.0020	.00005	.0459	.47727
%RSD	129.19	46.89	14.386	1.1066	75.544

#1	-0.00007	-0.0057	-0.00040	4.1803	-.29430
#2	-.00146	-.0029	-.00032	4.1154	-.96926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.2	52821.	5151.2	108.01	4304.7
Stddev	7.8	243.	150.6	5.25	12.9
%RSD	.20786	.46001	2.9232	4.8608	.29898

#1	3732.7	52649.	5257.7	111.73	4295.6
#2	3743.7	52993.	5044.8	104.30	4313.8

Sample Name: J6334-11 Acquired: 12/13/2018 15:09:52 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00196	.00139	.00295	-.00194	.01311	.11168	.00001
Stddev	.00089	.00009	.00039	.00107	.00145	.01366	.00024	.00007
%RSD	107.16	4.6335	28.293	36.223	74.995	104.23	.21094	625.98

#1	-.00147	-.00202	.00166	.00370	-.00296	.02277	.11151	.00006
#2	-.00020	-.00189	.00111	.00219	-.00091	.00345	.11184	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	9.6452	-.00012	.00159	-.00090	2.1358	1.4075	1.9812
Stddev	.00001	.0337	.00049	.00001	.00037	.0061	.0016	.0708
%RSD	7.3118	.34908	402.76	.65289	41.073	.28410	.11396	3.5717

#1	-.00018	9.6214	.00022	.00159	-.00064	2.1315	1.4086	1.9312
#2	-.00016	9.6690	-.00047	.00160	-.00116	2.1401	1.4063	2.0313

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00021	14.450	.00062	.03768	.70041	.00016	.02315
Stddev	.00001	.00016	.007	.00018	.00061	.01002	.00002	.01385
%RSD	8.5116	78.041	.04552	28.832	1.6175	1.4311	11.092	59.838

#1	.00014	.00033	14.446	.00074	.03811	.69332	.00018	.01336
#2	.00015	.00009	14.455	.00049	.03725	.70750	.00015	.03295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8480	1.1004	-.00134	.00159	-.00118	.0000	.04314	4.2175
Stddev	.0049	.0116	.00051	.00179	.00082	.0009	.00004	.0265
%RSD	.17290	1.0498	38.395	112.31	69.455	2809.	.08225	.62741

#1	2.8514	1.1085	-.00098	.00285	-.00060	.0007	.04312	4.2362
#2	2.8445	1.0922	-.00170	.00033	-.00177	-.0006	.04317	4.1988

Sample Name: J6334-11 Acquired: 12/13/2018 15:09:52 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GW-121018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .39707
 Stddev .32890
 %RSD 82.830

#1 .16451
 #2 .62964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.1	52735.	5048.3	108.47	4217.0
Stddev	4.1	278.	11.5	.64	3.9
%RSD	.11153	.52721	.22773	.59234	.09293

#1	3701.0	52538.	5040.1	108.01	4214.3
#2	3695.2	52932.	5056.4	108.92	4219.8

Sample Name: J6193-02 Acquired: 12/13/2018 15:13:54 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00343	.02037	.00343	-.00427	.22238	.15439	.00012
Stddev	.00101	.00065	.00106	.00283	.00151	.00816	.00038	.00002
%RSD	48.545	18.803	5.1827	82.658	35.266	3.6709	.24441	14.335

#1	-.00279	-.00389	.02112	.00142	-.00321	.22815	.15412	.00014
#2	-.00137	-.00297	.01962	.00543	-.00534	.21661	.15465	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	107.73	.00336	.00431	.00608	.03180	.76049	4.6766
Stddev	.00001	.01	.00005	.00003	.00027	.00625	.00343	.0369
%RSD	.86536	.00545	1.4370	.73126	4.4120	19.645	.45081	.78910

#1	.00063	107.72	.00339	.00429	.00627	.03622	.75807	4.6506
#2	.00062	107.73	.00332	.00433	.00589	.02738	.76292	4.7027

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00960	.00069	378.95	.00106	.04950	1.7385	.00069	.01588
Stddev	.00022	.00021	.11	.00000	.00038	.0262	.00010	.01358
%RSD	2.2695	30.509	.02944	.07824	.77237	1.5069	14.500	85.497

#1	.00945	.00084	378.87	.00106	.04977	1.7200	.00062	.02549
#2	.00976	.00054	379.03	.00106	.04923	1.7570	.00076	.00628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4489	6.8461	.00073	.00127	.00509	.0001	.33851	6.0919
Stddev	.0005	.0115	.00088	.00193	.00129	.0012	.00104	.0250
%RSD	.01976	.16816	120.00	151.96	25.360	1312.	.30860	.41126

#1	2.4486	6.8542	.00011	.00263	.00418	-.0008	.33925	6.1096
#2	2.4492	6.8380	.00135	-.00009	.00601	.0010	.33777	6.0742

Sample Name: J6193-02 Acquired: 12/13/2018 15:13:54 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9264
 Stddev .0534
 %RSD 2.7692

#1 1.8887
 #2 1.9642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.6	48136.	4935.1	102.70	3642.4
Stddev	17.2	154.	45.6	1.33	21.2
%RSD	.50627	.31979	.92413	1.2953	.58304

#1	3392.4	48027.	4902.9	101.76	3627.4
#2	3416.8	48245.	4967.4	103.64	3657.4

Sample Name: J6193-04 Acquired: 12/13/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00446	.01376	.00300	-.00341	.15120	.14282	.00010
Stddev	.00241	.00018	.00107	.00082	.00002	.02013	.00031	.00012
%RSD	270.10	4.1223	7.7602	27.262	.58064	13.316	.21916	110.76

#1	-.00260	-.00459	.01300	.00358	-.00340	.13696	.14260	.00019
#2	.00081	-.00433	.01451	.00242	-.00343	.16544	.14304	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	115.09	.00210	.00358	.00406	.03346	.75801	4.3223
Stddev	.00002	.44	.00001	.00028	.00059	.00710	.00114	.0390
%RSD	6.2376	.38169	.50067	7.7150	14.585	21.212	.15037	.90137

#1	.00040	115.40	.00209	.00339	.00448	.03848	.75881	4.3499
#2	.00037	114.78	.00210	.00378	.00364	.02845	.75720	4.2948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	.00044	346.53	.00081	.03951	1.8075	.00050	.02156
Stddev	.00032	.00072	3.35	.00011	.00044	.0003	.00014	.00165
%RSD	4.3286	161.16	.96710	14.282	1.1195	.01554	27.277	7.6316

#1	.00754	-.00006	348.90	.00072	.03982	1.8077	.00060	.02272
#2	.00709	.00095	344.16	.00089	.03920	1.8073	.00041	.02039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6668	6.7403	-.00080	-.00048	.00572	.0013	.36283	5.9762
Stddev	.0015	.0466	.00015	.00128	.00031	.0006	.00104	.0115
%RSD	.05591	.69070	18.350	265.46	5.3363	48.34	.28536	.19286

#1	2.6658	6.7733	-.00091	.00042	.00593	.0009	.36356	5.9681
#2	2.6679	6.7074	-.00070	-.00138	.00550	.0018	.36210	5.9844

Sample Name: J6193-04 Acquired: 12/13/2018 15:18:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1327
Stddev .8735
%RSD 40.956

#1 2.7503
#2 1.5151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3439.8	48316.	4891.1	101.16	3685.2
Stddev	5.8	118.	41.0	.84	12.9
%RSD	.16731	.24450	.83864	.82994	.34961

#1	3435.7	48233.	4862.1	100.57	3694.3
#2	3443.9	48400.	4920.1	101.76	3676.0

Sample Name: J6193-06 Acquired: 12/13/2018 15:22:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	-.00261	.02924	-.00185	-.00171	.21746	.16264	.00013
Stddev	.00097	.00107	.00012	.00030	.00180	.00963	.00008	.00000
%RSD	37.295	40.919	.39960	16.238	105.65	4.4286	.04937	2.0396

#1	-.00192	-.00186	.02933	-.00206	-.00043	.21065	.16258	.00013
#2	-.00329	-.00337	.02916	-.00164	-.00298	.22427	.16270	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	78.950	.00142	.00478	.00631	.07896	.87266	3.6557
Stddev	.00002	.150	.00059	.00048	.00047	.00389	.01448	.0829
%RSD	3.1711	.19026	41.274	10.032	7.3819	4.9250	1.6588	2.2685

#1	.00064	79.057	.00183	.00512	.00664	.08171	.88289	3.5970
#2	.00062	78.844	.00100	.00444	.00598	.07621	.86242	3.7143

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00536	.00025	340.41	.00075	.05089	1.5639	-.00011	.01259
Stddev	.00005	.00028	2.02	.00005	.00058	.0308	.00031	.00851
%RSD	.87256	112.39	.59350	7.1326	1.1427	1.9695	279.79	67.600

#1	.00533	.00005	341.84	.00079	.05130	1.5421	-.00033	.00657
#2	.00539	.00045	338.98	.00072	.05048	1.5856	.00011	.01861

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7320	5.0118	-.00043	-.00042	.00415	.0002	.26615	6.1363
Stddev	.0031	.0210	.00045	.00117	.00087	.0006	.00087	.2348
%RSD	.18021	.41890	104.78	275.79	21.070	350.0	.32670	3.8258

#1	1.7342	5.0267	-.00074	.00040	.00353	-.0003	.26676	6.3023
#2	1.7298	4.9970	-.00011	-.00125	.00476	.0006	.26553	5.9703

Sample Name: J6193-06 Acquired: 12/13/2018 15:22:11 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8398
 Stddev .2466
 %RSD 13.404

#1 2.0142
 #2 1.6654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.5	48911.	4940.9	102.72	3702.2
Stddev	4.9	804.	23.1	1.27	16.1
%RSD	.14253	1.6436	.46702	1.2404	.43615

#1	3440.1	48343.	4924.6	101.82	3690.8
#2	3447.0	49480.	4957.2	103.62	3713.6

Sample Name: J6193-08 Acquired: 12/13/2018 15:26:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00267	-.00319	.06430	.00107	-.00089	.27728	.17600	.00013
Stddev	.00140	.00106	.00010	.00239	.00201	.01705	.00167	.00009
%RSD	52.450	33.348	.15965	223.14	225.40	6.1477	.94791	68.321

#1	-.00168	-.00394	.06423	.00276	.00053	.28933	.17482	.00007
#2	-.00366	-.00244	.06437	-.00062	-.00231	.26523	.17718	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	70.513	.00231	.00531	.00965	.40793	.97138	2.6366
Stddev	.00007	1.009	.00002	.00025	.00044	.00162	.00066	.0040
%RSD	9.7224	1.4302	.95075	4.6678	4.5361	.39697	.06818	.15170

#1	.00077	69.800	.00229	.00548	.00996	.40679	.97092	2.6338
#2	.00067	71.227	.00232	.00513	.00934	.40908	.97185	2.6394

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00739	.00103	393.91	.00034	.14572	2.2764	-.00002	.01454
Stddev	.00040	.00047	2.21	.00000	.00042	.0288	.00003	.00737
%RSD	5.4187	45.560	.56213	1.4346	.28656	1.2640	150.19	50.680

#1	.00768	.00136	392.35	.00034	.14543	2.2561	.00000	.01975
#2	.00711	.00070	395.48	.00034	.14602	2.2968	-.00004	.00933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2002	3.8236	-.00016	.00207	.00522	.0008	.23591	6.0246
Stddev	.0042	.0150	.00023	.00101	.00084	.0003	.00058	.1769
%RSD	.34913	.39328	144.47	48.798	16.016	41.00	.24567	2.9367

#1	1.1972	3.8342	-.00032	.00136	.00463	.0006	.23550	6.1497
#2	1.2031	3.8130	.00000	.00279	.00582	.0010	.23632	5.8995

Sample Name: J6193-08 Acquired: 12/13/2018 15:26:20 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6456
 Stddev .8162
 %RSD 30.850

#1 2.0685
 #2 3.2228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.8	48462.	4940.5	101.81	3652.9
Stddev	9.0	279.	7.6	.01	7.6
%RSD	.26052	.57481	.15464	.00829	.20828

#1	3438.5	48265.	4935.1	101.82	3658.3
#2	3451.2	48659.	4945.9	101.81	3647.5

Sample Name: J6193-10 Acquired: 12/13/2018 15:30:29 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00269	.01353	.00551	-.00444	.11346	.14593	.00010
Stddev	.00093	.00041	.00028	.00403	.00233	.01853	.00169	.00009
%RSD	54.260	15.377	2.0396	73.032	52.524	16.328	1.1608	87.001

#1	-.00236	-.00298	.01333	.00836	-.00279	.12656	.14473	.00016
#2	-.00105	-.00240	.01372	.00267	-.00609	.10036	.14713	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	100.11	.00124	.00394	.00486	.01300	.84280	4.2427
Stddev	.00008	1.63	.00014	.00038	.00013	.01105	.00058	.0461
%RSD	17.771	1.6322	11.292	9.5648	2.5849	85.000	.06866	1.0872

#1	.00053	98.958	.00134	.00421	.00495	.02081	.84239	4.2753
#2	.00041	101.27	.00114	.00368	.00478	.00519	.84321	4.2101

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00479	.00060	333.64	.00097	.03938	1.7150	.00019	.00538
Stddev	.00057	.00067	2.84	.00002	.00112	.0457	.00016	.00300
%RSD	11.933	110.85	.84995	1.6240	2.8328	2.6672	85.027	55.789

#1	.00519	.00013	331.63	.00098	.03860	1.6826	.00007	.00750
#2	.00439	.00108	335.64	.00096	.04017	1.7473	.00030	.00326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1189	5.4610	.00066	.00122	.00516	-.0002	.32812	5.9848
Stddev	.0134	.0298	.00011	.00000	.00093	.0012	.00323	.1738
%RSD	.63428	.54606	16.028	.26080	18.103	672.9	.98536	2.9043

#1	2.1284	5.4400	.00074	.00122	.00582	-.0010	.32584	6.1077
#2	2.1094	5.4821	.00059	.00122	.00450	.0007	.33041	5.8619

Sample Name: J6193-10 Acquired: 12/13/2018 15:30:29 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CL-01-121018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3885
 Stddev .1274
 %RSD 5.3324

#1 2.4786
 #2 2.2984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.0	48607.	4955.2	100.76	3697.3
Stddev	4.6	185.	14.1	1.99	30.8
%RSD	.13299	.38069	.28548	1.9754	.83176

#1	3450.8	48476.	4965.2	102.17	3675.5
#2	3457.3	48738.	4945.2	99.351	3719.0

Sample Name: J6333-01 Acquired: 12/13/2018 15:34:39 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12TH-FLOOR-P Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00306	.59287	.00264	.03009	.58927	.04182	-.00001
Stddev	.00426	.00024	.00196	.00095	.00093	.00133	.00036	.00001
%RSD	194.09	7.8221	.33010	35.912	3.1048	.22527	.85714	74.127

#1	-.00521	-.00323	.59149	.00197	.02943	.58833	.04156	-.00002
#2	.00082	-.00289	.59426	.00331	.03076	.59021	.04207	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	49.547	.00470	.00098	.01078	.38730	.02492	5.8506
Stddev	.00013	.096	.00053	.00009	.00031	.01806	.00009	.0090
%RSD	82.267	.19276	11.286	8.7580	2.9080	4.6626	.35032	.15435

#1	-.00007	49.480	.00508	.00092	.01056	.37454	.02498	5.8442
#2	-.00026	49.615	.00433	.00104	.01101	.40007	.02486	5.8570

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00036	384.68	.00072	.27838	.93171	.00094	.02516
Stddev	.00030	.00052	4.52	.00069	.00496	.00643	.00015	.01083
%RSD	10.613	141.28	1.1760	96.313	1.7814	.69031	16.211	43.029

#1	.00308	.00000	381.48	.00023	.27488	.93626	.00105	.01751
#2	.00265	.00073	387.88	.00121	.28189	.92717	.00083	.03282

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.357	.54069	-.00993	.01201	.00395	.0978	.05611	5.8518
Stddev	.097	.00335	.00178	.00130	.00016	.0031	.00040	.0143
%RSD	.35442	.61879	17.952	10.833	4.0864	3.190	.71570	.24505

#1	27.288	.54305	-.01119	.01109	.00406	.0956	.05583	5.8619
#2	27.425	.53832	-.00867	.01293	.00383	.1000	.05640	5.8416

Sample Name: J6333-01 Acquired: 12/13/2018 15:34:39 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 12TH-FLOOR-P Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6500
Stddev	.0823
%RSD	4.9858

#1	1.7082
#2	1.5919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.5	48609.	4947.2	101.59	3732.8
Stddev	10.9	35.	2.4	1.83	8.7
%RSD	.31360	.07168	.04952	1.7983	.23393

#1	3452.8	48584.	4945.5	102.88	3738.9
#2	3468.1	48634.	4948.9	100.30	3726.6

Sample Name: J6333-02 Acquired: 12/13/2018 15:38:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12TH-FLOOR-L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	-.00956	2.5911	-.00160	.00933	152.29	.03053	.00016
Stddev	.00162	.00003	.0016	.00537	.00059	.01	.00047	.00002
%RSD	51.323	.31695	.06081	335.14	6.2804	.00683	1.5457	12.667

#1	-.00430	-.00959	2.5922	.00219	.00974	152.29	.03087	.00017
#2	-.00201	-.00954	2.5900	-.00539	.00892	152.28	.03020	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	150.70	.03617	.01607	1.3759	3.2530	.20040	49.413
Stddev	.00010	.28	.00034	.00038	.0059	.0045	.00147	.104
%RSD	5.8290	.18796	.93432	2.3383	.42703	.13669	.73466	.21118

#1	.00187	150.50	.03641	.01634	1.3800	3.2498	.19936	49.340
#2	.00172	150.90	.03594	.01581	1.3717	3.2561	.20144	49.487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01197	.00061	63.080	.00487	1.4929	2.4277	.00292	.19596
Stddev	.00026	.00098	.318	.00006	.0009	.0112	.00052	.00585
%RSD	2.1412	159.34	.50441	1.3321	.05818	.46082	17.731	2.9861

#1	.01179	-.00008	63.305	.00482	1.4923	2.4198	.00256	.19182
#2	.01215	.00131	62.855	.00491	1.4935	2.4356	.00329	.20009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 240.63	3.5751	-.07449	.05808	.00692	1.579	.18436	5.4435
Stddev	.86	.0270	.00049	.00110	.00052	.006	.00022	.1283
%RSD	.35612	.75497	.65331	1.8923	7.5583	.3628	.12039	2.3570

#1	241.23	3.5942	-.07415	.05886	.00729	1.583	.18420	5.5342
#2	240.02	3.5561	-.07484	.05731	.00655	1.575	.18452	5.3528

Sample Name: J6333-02 Acquired: 12/13/2018 15:38:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 12TH-FLOOR-L Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6689
Stddev	.0101
%RSD	.60259

#1	1.6760
#2	1.6618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.5	49088.	4899.0	99.350	3732.6
Stddev	13.6	188.	29.3	.071	11.4
%RSD	.39773	.38266	.59741	.07191	.30671

#1	3414.8	48955.	4878.3	99.299	3724.5
#2	3434.1	49220.	4919.7	99.400	3740.7

Sample Name: J6368-01 Acquired: 12/13/2018 15:42:46 Type: Unk
Method: P4-ICP2(v2649) 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	.01916	-.00861	.05898	.02883	-.00264	81.523	.83154
Stddev	.00151	.00117	.00168	.00342	.00003	.139	.00227
%RSD	7.8612	13.588	2.8527	11.874	1.0505	.17019	.27266

#1	.02022	-.00943	.06017	.02641	-.00262	81.621	.83315
#2	.01809	-.00778	.05779	.03125	-.00266	81.424	.82994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00923	-.00095	247.46	.15401	.09571	.09430	154.92
Stddev	.00000	.00028	1.32	.00054	.00038	.00024	2.62
%RSD	.04052	29.070	.53329	.35212	.39532	.25182	1.6939

#1	.00923	-.00075	246.53	.15440	.09598	.09447	153.07
#2	.00922	-.00115	248.40	.15363	.09544	.09413	156.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0391	66.243	.18111	.00072	2.9697	.18997	.43890
Stddev	.0491	.073	.00010	.00092	.0112	.00075	.00703
%RSD	.81237	.10947	.05311	128.37	.37533	.39429	1.6013

#1	6.0737	66.191	.18105	.00007	2.9776	.19050	.43393
#2	6.0044	66.294	.18118	.00136	2.9618	.18944	.44387

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.261	-.00118	.12158	.47375	4.5079	.00881	3.2541
Stddev	.108	.00027	.01009	.00089	.0345	.00068	.0165
%RSD	.36775	22.930	8.2962	.18753	.76557	7.7036	.50749

#1	29.337	-.00098	.12872	.47312	4.4835	.00833	3.2424
#2	29.185	-.00137	.11445	.47437	4.5323	.00929	3.2658

Sample Name: J6368-01 Acquired: 12/13/2018 15:42:46 Type: Unk
Method: P4-ICP2(v2649) 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	.17485	7.541	.12078	2.6060	F<.00000
Stddev	.00023	.021	.00186	.0279	1.0108
%RSD	.12959	.2736	1.5388	1.0717	5.3460

#1	.17501	7.555	.12209	2.6257	-18.192
#2	.17469	7.526	.11946	2.5862	-19.622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.0	56025.	5680.6	99.080	3589.4
Stddev	7.9	225.	6.1	1.553	.2
%RSD	.20194	.40126	.10809	1.5669	.00418

#1	3931.6	55866.	5684.9	100.18	3589.3
#2	3920.4	56184.	5676.3	97.982	3589.5

Sample Name: J6334-07DLX10 Acquired: 12/13/2018 15:46:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B3-121018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01093	-.00031	.10387	.01562	-.00195	.25203	.02892
Stddev	.00174	.00079	.00001	.00081	.00175	.02026	.00024
%RSD	15.922	254.67	.01166	5.1982	89.700	8.0379	.82895

#1	-.01217	.00025	.10386	.01504	-.00319	.26636	.02909
#2	-.00970	-.00087	.10388	.01619	-.00071	.23771	.02875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00725	.67229	-.00256	.00038	-.00484	95.254
Stddev	.00013	.00010	.00954	.00048	.00030	.00020	1.708
%RSD	52.446	1.4217	1.4192	18.577	77.632	4.0467	1.7929

#1	.00034	.00717	.67903	-.00289	.00059	-.00471	96.461
#2	.00016	.00732	.66554	-.00222	.00017	-.00498	94.046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56718	.28915	-.00532	-.00104	6.2664	.00128	.51407
Stddev	.00977	.01881	.00091	.00006	.0528	.00049	.01104
%RSD	1.7227	6.5057	17.174	5.8302	.84293	38.100	2.1485

#1	.57409	.27585	-.00596	-.00100	6.2291	.00162	.52188
#2	.56027	.30245	-.00467	-.00108	6.3038	.00093	.50626

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6445	-.00086	.04191	.15910	.41133	.00079	.00976
Stddev	.0094	.00003	.00663	.00451	.01125	.00009	.00213
%RSD	.57371	3.9012	15.818	2.8360	2.7345	12.014	21.779

#1	1.6512	-.00088	.04660	.16229	.40338	.00086	.01126
#2	1.6378	-.00083	.03722	.15591	.41928	.00072	.00826

Sample Name: J6334-07DLX10 Acquired: 12/13/2018 15:46:46 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B3-121018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.0157	-.09177	3.1192	F<.00000
Stddev	.00025	.0010	.00191	.6741	.59648
%RSD	11.678	6.372	2.0859	21.611	12.189

#1	.00199	.0164	-.09313	3.5959	-5.3153
#2	.00235	.0150	-.09042	2.6425	-4.4717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.9	53208.	5087.3	105.98	4125.7
Stddev	15.9	1052.	2.3	2.46	13.2
%RSD	.42892	1.9767	.04584	2.3194	.32065

#1	3704.6	52464.	5088.9	104.25	4116.3
#2	3727.1	53952.	5085.6	107.72	4135.0

Sample Name: CCV04 Acquired: 12/13/2018 15:50:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14330 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3533	5.0448	5.2250	5.1548	5.3168	10.507	10.674	.26211
Stddev	.0451	.0261	.0128	.0337	.0266	.009	.028	.00079
%RSD	.84296	.51661	.24570	.65445	.50104	.08716	.26374	.29968
#1	5.3852	5.0632	5.2340	5.1787	5.3356	10.500	10.654	.26266
#2	5.3214	5.0264	5.2159	5.1310	5.2980	10.513	10.693	.26155
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5503	26.836	1.0315	2.5864	1.2999	5.0093	2.6164	26.634
Stddev	.0149	.268	.0049	.0112	.0044	.0142	.0017	.207
%RSD	.58291	.99957	.47108	.43255	.33979	.28366	.06619	.77592
#1	2.5608	26.646	1.0280	2.5943	1.3031	5.0193	2.6176	26.488
#2	2.5398	27.025	1.0349	2.5785	1.2968	4.9992	2.6151	26.780
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5110	1.3306	25.512	2.4683	2.5874	26.377	5.3685	5.0583
Stddev	.0159	.0016	.093	.0041	.0041	.047	.0214	.0537
%RSD	.63517	.12259	.36306	.16736	.15910	.17660	.39865	1.0624
#1	2.5223	1.3295	25.446	2.4713	2.5903	26.344	5.3837	5.0203
#2	2.4997	1.3318	25.577	2.4654	2.5845	26.410	5.3534	5.0963
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1548	5.3409	5.1645	5.2664	5.2054	5.021	5.4223	5.0957
Stddev	.0340	.0379	.0212	.0026	.0239	.036	.0306	.1765
%RSD	.65864	.71021	.41079	.04919	.45987	.7099	.56429	3.4645
#1	5.1788	5.3141	5.1795	5.2645	5.1885	5.047	5.4007	4.9709
#2	5.1308	5.3677	5.1495	5.2682	5.2223	4.996	5.4439	5.2205

Sample Name: CCV04 Acquired: 12/13/2018 15:50:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14330 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1161
Stddev	.1602
%RSD	7.5707

#1	2.0028
#2	2.2294

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3593.8	50581.	4992.5	103.63	3811.3
Stddev	19.9	54.	9.8	.19	21.4
%RSD	.55366	.10687	.19573	.18555	.56253

#1	3579.8	50543.	4999.4	103.49	3796.1
#2	3607.9	50620.	4985.6	103.76	3826.5

Sample Name: CCB04 Acquired: 12/13/2018 15:54:31 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14330 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00049	.00298	-.00028	-.00084	.01521	.00270
Stddev	.00198	.00020	.00012	.00130	.00037	.00048	.00058
%RSD	493.92	41.384	3.9900	468.08	43.763	3.1774	21.270

#1	-.00180	-.00063	.00306	.00064	-.00058	.01487	.00230
#2	.00100	-.00035	.00289	-.00120	-.00109	.01556	.00311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00011	.00159	.00025	-.00003	.00045	.01034
Stddev	.00003	.00011	.00804	.00004	.00007	.00009	.00145
%RSD	25.970	101.91	505.32	14.107	231.96	21.289	14.052

#1	.00010	-.00018	.00728	.00023	.00002	.00038	.00932
#2	.00014	-.00003	-.00410	.00028	-.00008	.00051	.01137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.01334	-.00101	.00053	-.04988	.00005	-.00371
Stddev	.00006	.01489	.00044	.00002	.01543	.00002	.00003
%RSD	30.814	111.58	43.024	4.6311	30.935	39.427	.90193

#1	.00014	-.02387	-.00071	.00051	-.06079	.00003	-.00368
#2	.00022	-.00282	-.00132	.00055	-.03897	.00006	-.00373

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02859	.00041	-.00802	-.00569	.00190	.00029	.00017
Stddev	.04443	.00020	.01128	.00445	.00540	.00013	.00420
%RSD	155.39	48.501	140.74	78.220	284.89	45.009	2436.5

#1	.06001	.00056	-.00004	-.00254	-.00192	.00020	-.00280
#2	-.00282	.00027	-.01599	-.00883	.00572	.00038	.00314

Sample Name: CCB04 Acquired: 12/13/2018 15:54:31 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14330 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00270	-.0034	-.00037	F 3.5306	F<.00000
Stddev	.00174	.0008	.00010	.2444	.51450
%RSD	64.332	24.32	26.388	6.9228	198.41

#1	.00147	-.0028	-.00030	3.3577	.10449
#2	.00393	-.0040	-.00044	3.7034	-.62311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.0	53459.	4752.6	100.26	4317.6
Stddev	2.3	225.	410.3	10.01	1.8
%RSD	.06007	.42154	8.6335	9.9798	.04129

#1	3745.5	53619.	5042.7	107.33	4318.9
#2	3748.6	53300.	4462.5	93.183	4316.4

Sample Name: J6311-04 Acquired: 12/13/2018 15:58:36 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00570	.00816	.00710	-.00893	.05400	.02702	-.00002
Stddev	.00152	.00075	.00183	.00302	.00104	.00223	.00020	.00010
%RSD	122.98	13.138	22.399	42.601	11.650	4.1205	.75378	640.89
#1	-.00016	-.00623	.00945	.00924	-.00967	.05558	.02717	.00006
#2	-.00231	-.00517	.00687	.00496	-.00820	.05243	.02688	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	10.480	.01586	.00756	10.332	.02821	.32639	3.6911
Stddev	.00001	.082	.00012	.00045	.001	.00999	.00091	.0372
%RSD	.46778	.78711	.77014	5.9120	.00990	35.426	.28018	1.0093
#1	-.00160	10.538	.01577	.00724	10.331	.03527	.32574	3.7174
#2	-.00159	10.422	.01595	.00787	10.332	.02114	.32703	3.6647
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9396	.00171	F 2249.5	.00059	.03871	F 1199.8	.01503	F 45.428
Stddev	.0048	.00079	47.7	.00010	.00226	5.5	.00008	.120
%RSD	.05394	46.068	2.1224	17.741	5.8332	.45689	.54977	.26391
#1	8.9430	.00115	2283.3	.00066	.03711	1196.0	.01509	45.513
#2	8.9362	.00226	2215.8	.00051	.04030	1203.7	.01497	45.343
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1764.0	F 11.117	-.65970	.00002	.11980	5.164	.12010	9.4202
Stddev	1.8	.002	.00121	.00450	.00589	.000	.00113	.0265
%RSD	.10224	.01663	.18272	22167.	4.9165	.0072	.94400	.28123
#1	1765.3	11.119	-.66055	.00320	.11563	5.164	.12090	9.4015
#2	1762.8	11.116	-.65885	-.00316	.12396	5.164	.11930	9.4390

Sample Name: J6311-04 Acquired: 12/13/2018 15:58:36 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6759
Stddev	1.2009
%RSD	32.669

#1	2.8268
#2	4.5251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.0	40122.	4657.4	92.783	2938.7
Stddev	5.3	76.	19.1	1.850	4.3
%RSD	.17726	.18924	.41082	1.9942	.14733

#1	2972.2	40068.	4643.9	94.092	2935.6
#2	2979.7	40175.	4671.0	91.475	2941.7

Sample Name: J6311-05 Acquired: 12/13/2018 16:02:45 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00216	.00290	.00503	-.00187	.02932	.02383	-.00004
Stddev	.00422	.00005	.00071	.00014	.00006	.01551	.00029	.00002
%RSD	306.72	2.2213	24.480	2.7378	2.9435	52.908	1.2289	69.018
#1	-.00161	-.00220	.00340	.00513	-.00191	.01835	.02363	-.00002
#2	.00436	-.00213	.00240	.00493	-.00183	.04029	.02404	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	5.3651	.01446	.00209	.83405	.40900	.08118	.81831
Stddev	.00009	.0584	.00050	.00008	.00281	.02959	.00002	.04623
%RSD	29.227	1.0884	3.4768	3.8979	.33684	7.2349	.02211	5.6495
#1	-.00036	5.3238	.01410	.00215	.83603	.42992	.08117	.78562
#2	-.00023	5.4064	.01481	.00203	.83206	.38807	.08119	.85100
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0998	.00028	185.44	.00010	.09973	109.03	.00574	3.8186
Stddev	.0052	.00021	4.71	.00019	.00240	.05	.00004	.0039
%RSD	.47065	76.838	2.5391	196.60	2.4018	.04595	.65763	.10252
#1	1.1035	.00043	182.11	.00023	.10143	109.06	.00576	3.8158
#2	1.0962	.00013	188.77	-.00004	.09804	108.99	.00571	3.8213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 114.25	2.1092	-.04278	.00168	.02029	.5055	.07616	6.1084
Stddev	.79	.0184	.00078	.00087	.00266	.0032	.00016	.1981
%RSD	.68791	.87402	1.8252	51.731	13.089	.6403	.21229	3.2424
#1	114.80	2.1222	-.04333	.00229	.02217	.5078	.07604	5.9683
#2	113.69	2.0962	-.04223	.00106	.01841	.5032	.07627	6.2484

Sample Name: J6311-05 Acquired: 12/13/2018 16:02:45 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1219
Stddev	.2945
%RSD	26.255

#1	1.3301
#2	.91359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.3	48716.	4911.6	101.62	3789.4
Stddev	20.7	91.	34.8	2.30	21.3
%RSD	.58928	.18590	.70829	2.2587	.56267

#1	3504.7	48780.	4887.0	99.995	3774.4
#2	3534.0	48652.	4936.2	103.24	3804.5

Sample Name: J6311-06 Acquired: 12/13/2018 16:06:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00239	.00320	.00297	-.00527	.01301	.03687	-.00007
Stddev	.00076	.00068	.00013	.00027	.00070	.01019	.00085	.00005
%RSD	71.633	28.461	3.9537	8.9758	13.345	78.285	2.3015	70.223

#1	.00160	-.00287	.00329	.00279	-.00577	.02022	.03627	-.00010
#2	.00052	-.00191	.00311	.00316	-.00477	.00581	.03747	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	4.6061	.00084	.00349	.12779	.01405	.31370	.69405
Stddev	.00005	.0024	.00080	.00021	.00033	.01251	.00059	.01679
%RSD	2.9158	.05275	95.816	6.0866	.26111	89.001	.18912	2.4195

#1	-.00185	4.6044	.00141	.00334	.12802	.02290	.31328	.68218
#2	-.00177	4.6078	.00027	.00364	.12755	.00521	.31412	.70593

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7838	.00029	61.100	.00027	.13662	33.823	.00652	1.5324
Stddev	.0020	.00050	.039	.00007	.00206	.061	.00019	.0072
%RSD	.02085	174.80	.06458	25.532	1.5110	.18105	2.9368	.46972

#1	9.7853	.00064	61.128	.00032	.13516	33.866	.00666	1.5273
#2	9.7824	-.00007	61.072	.00022	.13808	33.779	.00639	1.5375

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.513	2.3850	-.01214	.00299	.01099	.1023	.06601	4.8835
Stddev	.001	.0004	.00085	.00148	.00041	.0004	.00036	.0718
%RSD	.00430	.01783	7.0359	49.442	3.7621	.4291	.54576	1.4696

#1	31.514	2.3847	-.01153	.00195	.01129	.1026	.06576	4.8328
#2	31.512	2.3853	-.01274	.00404	.01070	.1020	.06627	4.9343

Sample Name: J6311-06 Acquired: 12/13/2018 16:06:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TANK-C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .04352
Stddev .17681
%RSD 406.28

#1 -.08150
#2 .16854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.7	50967.	4944.7	104.82	4022.9
Stddev	11.5	31.	20.5	.44	16.1
%RSD	.31864	.06135	.41431	.42294	.40126

#1	3587.6	50989.	4930.2	105.14	4011.5
#2	3603.8	50944.	4959.2	104.51	4034.3

Sample Name: J6335-03 Acquired: 12/13/2018 16:10:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00037	.00081	.00206	-.00211	.04862	.00752	.00004
Stddev	.00061	.00017	.00126	.00075	.00132	.00087	.00038	.00004
%RSD	201.53	46.622	154.36	36.438	62.599	1.7843	5.0091	116.97

#1	-.00013	-.00025	.00170	.00153	-.00304	.04800	.00726	.00001
#2	.00074	-.00049	-.00007	.00260	-.00117	.04923	.00779	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	3.2332	.00144	.00026	.00057	.09756	.02926	.70222
Stddev	.00005	.0104	.00001	.00015	.00007	.00496	.00028	.00655
%RSD	45.785	.32252	.67529	58.523	13.130	5.0862	.96177	.93323

#1	-.00008	3.2258	.00145	.00037	.00062	.09405	.02946	.69759
#2	-.00016	3.2406	.00143	.00015	.00052	.10107	.02907	.70685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00044	37.499	.00021	.01052	1.0288	.00105	.05870
Stddev	.00037	.00036	.227	.00000	.00013	.0144	.00026	.00743
%RSD	36.863	82.679	.60667	1.8716	1.2787	1.4044	24.618	12.653

#1	.00075	.00069	37.338	.00021	.01061	1.0185	.00087	.06396
#2	.00128	.00018	37.660	.00022	.01042	1.0390	.00124	.05345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7309	4.0925	-.00226	.00267	.00341	.0061	.03126	4.4813
Stddev	.0143	.0222	.00015	.00040	.00004	.0017	.00040	.0945
%RSD	.24898	.54287	6.4506	14.933	1.1315	28.17	1.2681	2.1095

#1	5.7409	4.0768	-.00236	.00296	.00338	.0073	.03098	4.5482
#2	5.7208	4.1082	-.00216	.00239	.00344	.0049	.03154	4.4145

Sample Name: J6335-03 Acquired: 12/13/2018 16:10:50 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .01456
 Stddev .24414
 %RSD 1676.9

#1 -.15807
 #2 .18719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.7	52026.	4995.0	104.92	4174.2
Stddev	14.2	181.	22.6	1.32	17.6
%RSD	.39011	.34878	.45274	1.2625	.42166

#1	3629.6	51897.	5011.0	103.99	4161.8
#2	3649.7	52154.	4979.0	105.86	4186.7

Sample Name: J6335-05 Acquired: 12/13/2018 16:14:54 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- 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	-.00102	-.00013	.00341	-.00156	.04068	.00541	.00000
Stddev	.00145	.00053	.00036	.00128	.00005	.01096	.00035	.00010
%RSD	1337.3	52.181	275.22	37.591	3.3967	26.945	6.4379	4988.7

#1	-.00091	-.00065	-.00039	.00432	-.00152	.04842	.00565	-.00007
#2	.00113	-.00140	.00012	.00251	-.00159	.03293	.00516	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	6.0427	.00646	.00004	.00390	.07661	.00352	.66056
Stddev	.00005	.0172	.00031	.00017	.00010	.01145	.00001	.00632
%RSD	37.031	.28472	4.7247	462.00	2.4759	14.942	.36510	.95629

#1	-.00009	6.0305	.00625	.00016	.00383	.06852	.00353	.65610
#2	-.00016	6.0548	.00668	-.00009	.00397	.08470	.00351	.66503

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00003	39.023	.00031	.01327	1.0308	.00049	.02719
Stddev	.00022	.00023	.018	.00009	.00025	.0207	.00030	.01344
%RSD	131.48	808.56	.04649	29.313	1.8665	2.0040	62.090	49.426

#1	.00033	-.00013	39.036	.00038	.01345	1.0454	.00071	.03670
#2	.00001	.00019	39.010	.00025	.01310	1.0162	.00028	.01769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5799	3.9996	-.00253	.00213	.00284	.0023	.05946	4.4265
Stddev	.0008	.0058	.00018	.00077	.00125	.0000	.00017	.2042
%RSD	.00928	.14500	7.1836	36.227	44.192	2.187	.29006	4.6142

#1	8.5805	4.0037	-.00240	.00158	.00195	.0023	.05934	4.5709
#2	8.5793	3.9955	-.00266	.00267	.00372	.0022	.05958	4.2820

Sample Name: J6335-05 Acquired: 12/13/2018 16:14:54 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.48723
%RSD	3677.9

#1	-.35777
#2	.33128

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.2	51934.	4968.9	107.03	4174.6
Stddev	9.9	189.	37.7	1.33	10.3
%RSD	.27153	.36444	.75835	1.2390	.24706

#1	3638.2	51800.	4942.3	106.09	4167.3
#2	3652.2	52068.	4995.6	107.97	4181.8

Sample Name: J6335-07 Acquired: 12/13/2018 16:33:14 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00210	.00280	.00108	-.00331	.02077	.46822	.00004
Stddev	.00182	.00045	.00119	.00115	.00036	.00449	.00051	.00004
%RSD	111.42	21.413	42.388	106.07	10.842	21.604	.10881	95.637

#1	.00035	-.00179	.00196	.00027	-.00357	.01760	.46786	.00007
#2	.00292	-.00242	.00364	.00189	-.00306	.02394	.46858	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	65.734	.02255	.00017	.00044	.00272	.09147	15.930
Stddev	.00007	.657	.00013	.00020	.00029	.00763	.00021	.175
%RSD	3065.3	1.0002	.55788	118.37	65.897	280.72	.22949	1.0975

#1	-.00005	65.269	.02246	.00003	.00023	-.00268	.09132	15.806
#2	.00005	66.199	.02264	.00030	.00064	.00811	.09162	16.053

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	.00102	68.081	.00032	.01156	9.4097	-.00028	.10396
Stddev	.00002	.00013	.248	.00020	.00078	.0916	.00039	.00320
%RSD	5.5011	12.358	.36359	60.826	6.7755	.97359	139.79	3.0826

#1	-.00045	.00093	67.906	.00046	.01101	9.3450	-.00055	.10623
#2	-.00042	.00111	68.256	.00018	.01212	9.4745	-.00000	.10170

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.239	F 10.688	-.01090	-.00002	.00169	.1232	.62592	5.4605
Stddev	.072	.073	.00021	.00189	.00044	.0006	.00232	.0465
%RSD	.24617	.67858	1.9390	7638.6	26.294	.5040	.37138	.85179

#1	29.290	10.637	-.01075	-.00136	.00200	.1236	.62428	5.4934
#2	29.188	10.739	-.01105	.00131	.00137	.1228	.62757	5.4276

Sample Name: J6335-07 Acquired: 12/13/2018 16:33:14 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.70352
Stddev	.44607
%RSD	63.405

#1	.38810
#2	1.0189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.2	49704.	4904.4	101.80	3871.5
Stddev	9.1	241.	9.8	4.31	15.5
%RSD	.26109	.48423	.20018	4.2354	.40100

#1	3482.7	49534.	4911.4	104.84	3860.5
#2	3495.6	49874.	4897.5	98.747	3882.4

Sample Name: J6335-09 Acquired: 12/13/2018 16:37:25 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00229	-.00077	.00225	.00959	-.00461	.01840	.28693	.00010
Stddev	.00349	.00017	.00070	.00008	.00158	.00974	.00476	.00007
%RSD	152.65	21.816	31.004	.86154	34.367	52.958	1.6583	75.375
#1	.00018	-.00088	.00176	.00964	-.00349	.01151	.28357	.00015
#2	-.00475	-.00065	.00274	.00953	-.00573	.02529	.29030	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	117.55	.00130	-.00024	.00019	-.01706	.00146	25.695
Stddev	.00000	2.03	.00040	.00016	.00027	.00670	.00001	.620
%RSD	1.1422	1.7304	31.101	67.930	145.36	39.281	.76082	2.4110
#1	.00029	116.11	.00101	-.00036	.00038	-.02179	.00145	25.257
#2	.00029	118.99	.00158	-.00013	-.00001	-.01232	.00147	26.133
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.00014	126.85	.00078	.01057	17.463	-.00014	.04267
Stddev	.00011	.00047	1.79	.00034	.00013	.253	.00027	.01520
%RSD	8.3416	335.88	1.4135	44.122	1.2196	1.4507	189.27	35.621
#1	-.00127	-.00019	125.59	.00102	.01048	17.283	.00005	.03192
#2	-.00143	.00047	128.12	.00054	.01067	17.642	-.00034	.05342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.930	5.6864	-.00376	-.00194	.00342	.0018	.82863	5.8347
Stddev	.008	.0303	.00109	.00026	.00058	.0003	.01363	.0053
%RSD	.07012	.53374	28.928	13.395	16.891	17.49	1.6443	.09174
#1	10.925	5.6649	-.00453	-.00176	.00383	.0015	.81899	5.8385
#2	10.936	5.7079	-.00299	-.00212	.00301	.0020	.83826	5.8310

Sample Name: J6335-09 Acquired: 12/13/2018 16:37:25 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-HN-MW24S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4517
Stddev	.2405
%RSD	16.564

#1	1.2817
#2	1.6217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.2	49153.	4913.9	102.33	3761.7
Stddev	8.1	334.	47.8	.19	5.9
%RSD	.23385	.68008	.97241	.18347	.15672

#1	3442.5	48916.	4947.7	102.20	3757.6
#2	3453.9	49389.	4880.1	102.46	3765.9

Sample Name: J6335-11 Acquired: 12/13/2018 16:42:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01450	-.00282	-.01173	.01860	-.00432	1.0590	.21187
Stddev	.00080	.00151	.00045	.00382	.00113	.0139	.00134
%RSD	5.5224	53.506	3.8337	20.563	26.075	1.3115	.63241

#1	.01393	-.00389	-.01141	.01589	-.00352	1.0492	.21092
#2	.01506	-.00175	-.01204	.02130	-.00512	1.0688	.21281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00336	137.72	.00166	.03947	-.00802	97.617
Stddev	.00007	.00035	.90	.00019	.00022	.00061	.899
%RSD	6.5739	10.537	.64996	11.668	.54696	7.5992	.92098

#1	.00099	.00361	137.08	.00152	.03932	-.00845	96.981
#2	.00109	.00311	138.35	.00179	.03962	-.00759	98.252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0167	17.381	.00768	-.00159	169.41	.00441	.12631
Stddev	.0017	.262	.00025	.00045	1.26	.00013	.00002
%RSD	.17154	1.5050	3.3032	28.104	.74342	2.8427	.01535

#1	1.0155	17.196	.00750	-.00191	170.30	.00433	.12632
#2	1.0180	17.566	.00786	-.00128	168.52	.00450	.12630

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.675	-.00100	.13946	F 69.208	F 10.690	-.02473	-.00167
Stddev	.032	.00018	.00382	.444	.032	.00161	.00274
%RSD	.30291	17.698	2.7377	.64148	.29931	6.5174	163.65

#1	10.653	-.00113	.13676	69.522	10.713	-.02587	-.00361
#2	10.698	-.00088	.14216	68.894	10.668	-.02359	.00026

Sample Name: J6335-11 Acquired: 12/13/2018 16:42:04 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00639	.0377	.69744	5.4425	F<.00000
Stddev	.00061	.0015	.00020	.1855	.07496
%RSD	9.5501	3.874	.02920	3.4093	4.5366

#1	.00596	.0367	.69730	5.3113	-1.5993
#2	.00683	.0388	.69758	5.5737	-1.7053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.6	49397.	4996.5	98.991	3640.0
Stddev	24.6	117.	32.6	.336	38.3
%RSD	.71547	.23786	.65326	.33992	1.0520

#1	3419.2	49314.	4973.4	98.753	3612.9
#2	3454.0	49480.	5019.5	99.229	3667.1

Sample Name: J6335-13 Acquired: 12/13/2018 16:46:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	-.00244	.00178	.01234	-.00404	.02778	.29516	.00008
Stddev	.00038	.00074	.00104	.00428	.00053	.01100	.00067	.00002
%RSD	27.327	30.405	58.563	34.714	13.087	39.600	.22835	23.706

#1	-.00111	-.00296	.00252	.00931	-.00441	.02000	.29564	.00007
#2	-.00164	-.00191	.00104	.01537	-.00367	.03556	.29469	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	120.33	.00125	-.00003	.00110	-.00537	.00165	26.491
Stddev	.00008	.43	.00036	.00002	.00050	.00566	.00001	.025
%RSD	39.089	.36047	28.555	73.683	45.229	105.38	.43500	.09515

#1	.00027	120.03	.00100	-.00001	.00145	-.00137	.00166	26.473
#2	.00016	120.64	.00151	-.00004	.00075	-.00937	.00165	26.508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00042	131.04	.00049	.01057	18.028	-.00002	.05050
Stddev	.00077	.00043	.56	.00016	.00033	.118	.00004	.00283
%RSD	47.079	102.79	.43095	32.724	3.0863	.65499	168.89	5.5995

#1	-.00109	.00073	131.44	.00060	.01034	18.111	.00000	.04850
#2	-.00218	.00011	130.65	.00038	.01080	17.944	-.00005	.05250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.222	5.7620	-.00272	-.00099	.00357	.0027	.85030	5.7642
Stddev	.005	.0297	.00010	.00064	.00162	.0005	.00029	.1108
%RSD	.04636	.51522	3.6496	64.231	45.520	19.14	.03413	1.9225

#1	11.218	5.7830	-.00265	-.00054	.00471	.0023	.85009	5.6858
#2	11.226	5.7410	-.00279	-.00145	.00242	.0031	.85050	5.8425

Sample Name: J6335-13 Acquired: 12/13/2018 16:46:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-DUP04-201 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0323
Stddev	.1164
%RSD	11.273

#1	.94998
#2	1.1145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.9	49043.	4929.1	99.439	3768.5
Stddev	6.3	52.	40.6	2.071	1.8
%RSD	.18173	.10595	.82467	2.0823	.04748

#1	3445.5	49007.	4900.4	100.90	3769.7
#2	3454.3	49080.	4957.8	97.975	3767.2

Sample Name: J6335-15 Acquired: 12/13/2018 16:50:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	-.00256	-.00014	.00181	-.00274	.34459	.09714	.00065
Stddev	.00173	.00168	.00110	.00033	.00097	.00284	.00079	.00002
%RSD	205.11	65.744	757.39	18.070	35.410	.82455	.81419	2.3526
#1	-.00206	-.00375	-.00092	.00204	-.00343	.34258	.09769	.00064
#2	.00038	-.00137	.00063	.00157	-.00206	.34660	.09658	.00066
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	10.364	.00149	.00155	.00205	.01643	.22087	2.7505
Stddev	.00003	.095	.00027	.00003	.00014	.01271	.00024	.0094
%RSD	12.013	.91645	17.851	2.1562	6.7139	77.373	.11041	.34054
#1	.00022	10.297	.00131	.00158	.00215	.00744	.22105	2.7438
#2	.00026	10.431	.00168	.00153	.00195	.02542	.22070	2.7571
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00929	.00091	63.520	.00041	.06556	1.4981	.00033	.03023
Stddev	.00051	.00028	.323	.00013	.00027	.0200	.00009	.01188
%RSD	5.5012	31.218	.50785	32.209	.41646	1.3358	28.752	39.316
#1	.00965	.00071	63.748	.00032	.06537	1.5123	.00039	.02182
#2	.00892	.00111	63.292	.00051	.06575	1.4840	.00026	.03863
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0236	3.5915	-.00342	-.00076	.00444	-.0026	.09254	4.1178
Stddev	.0013	.0043	.00026	.00151	.00091	.0002	.00006	.2615
%RSD	.01399	.12022	7.5796	198.22	20.453	8.110	.06860	6.3514
#1	9.0245	3.5946	-.00360	-.00183	.00509	-.0027	.09249	3.9329
#2	9.0228	3.5885	-.00323	.00031	.00380	-.0024	.09258	4.3027

Sample Name: J6335-15 Acquired: 12/13/2018 16:50:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .20016
Stddev .29064
%RSD 145.21

#1 .40567
#2 -.00536

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.4	52501.	5091.1	107.54	4105.7
Stddev	7.0	121.	6.5	.12	7.4
%RSD	.18999	.23089	.12865	.11619	.17934

#1	3694.5	52415.	5086.4	107.63	4100.5
#2	3704.4	52586.	5095.7	107.45	4110.9

Sample Name: CCV05 Acquired: 12/13/2018 17:02:18 Type: Unk
Method: P4-ICP2(v2649) 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	5.3464	5.0048	5.1924	5.1217	5.3174	10.356	10.608	.25896
Stddev	.0012	.0111	.0005	.0084	.0083	.163	.126	.00256
%RSD	.02287	.22077	.01037	.16467	.15556	1.5697	1.1838	.98990

#1	5.3472	5.0126	5.1920	5.1277	5.3233	10.241	10.697	.25714
#2	5.3455	4.9970	5.1928	5.1157	5.3116	10.471	10.520	.26077

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5315	26.692	1.0290	2.5677	1.2989	4.9770	2.5924	26.207
Stddev	.0018	.161	.0047	.0015	.0020	.0170	.0212	.214
%RSD	.07015	.60333	.45581	.05693	.15486	.34192	.81796	.81792

#1	2.5328	26.578	1.0257	2.5666	1.3003	4.9890	2.5774	26.358
#2	2.5302	26.806	1.0323	2.5687	1.2975	4.9650	2.6074	26.055

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4881	1.3287	25.128	2.4426	2.6066	26.146	5.3567	5.0447
Stddev	.0007	.0164	.254	.0209	.0073	.291	.0002	.0135
%RSD	.02685	1.2370	1.0119	.85636	.27879	1.1114	.00331	.26691

#1	2.4886	1.3170	25.308	2.4278	2.6117	26.351	5.3569	5.0543
#2	2.4876	1.3403	24.948	2.4574	2.6014	25.940	5.3566	5.0352

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1358	5.3634	5.1537	5.2133	5.1567	5.006	5.4203	F 5.8799
Stddev	.0017	.0128	.0073	.0313	.0456	.026	.0303	.1491
%RSD	.03296	.23849	.14124	.59979	.88325	.5247	.55906	2.5362

#1	5.1346	5.3724	5.1588	5.2354	5.1889	5.025	5.4417	5.7745
#2	5.1370	5.3543	5.1485	5.1912	5.1245	4.988	5.3989	5.9854

Sample Name: CCV05 Acquired: 12/13/2018 17:02:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9899
Stddev	.0455
%RSD	2.2860

#1	2.0220
#2	1.9577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.6	49760.	4876.9	100.70	3752.1
Stddev	13.0	299.	34.6	.47	10.9
%RSD	.36904	.60012	.70950	.46969	.29079

#1	3515.4	49971.	4852.4	100.37	3744.3
#2	3533.8	49549.	4901.4	101.04	3759.8

Sample Name: CCB05 Acquired: 12/13/2018 17:06:03 Type: Unk
Method: P4-ICP2(v2649) 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	-.00025	.00020	.00200	-.00046	.00017	.00073	.00198
Stddev	.00141	.00094	.00046	.00020	.00069	.00571	.00063
%RSD	555.19	476.19	23.087	44.135	398.91	786.65	32.025

#1	.00074	.00086	.00232	-.00032	.00066	.00476	.00243
#2	-.00125	-.00047	.00167	-.00060	-.00031	-.00331	.00153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00005	.00948	.00006	-.00014	-.00029	.00624
Stddev	.00001	.00004	.00539	.00051	.00008	.00017	.00399
%RSD	12.018	67.465	56.869	782.59	57.633	58.903	63.983

#1	.00006	-.00003	.00567	-.00029	-.00019	-.00017	.00342
#2	.00005	-.00008	.01329	.00042	-.00008	-.00041	.00906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.09498	-.00095	.00070	-.06386	.00044	-.00247
Stddev	.00001	.02735	.00041	.00036	.00796	.00018	.00007
%RSD	5.4099	28.793	43.740	51.087	12.468	40.927	2.8184

#1	.00024	-.07564	-.00124	.00045	-.05823	.00031	-.00252
#2	.00023	-.11432	-.00065	.00096	-.06949	.00056	-.00242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07374	.00036	.01175	-.00813	.00138	-.00037	.00187
Stddev	.00717	.00012	.01474	.00015	.00257	.00007	.00014
%RSD	9.7236	34.619	125.42	1.8448	186.91	20.057	7.5210

#1	.07881	.00045	.00133	-.00823	-.00044	-.00042	.00177
#2	.06867	.00027	.02217	-.00802	.00319	-.00031	.00197

Sample Name: CCB05 Acquired: 12/13/2018 17:06:03 Type: Unk
 Method: P4-ICP2(v2649) 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	.00026	-.0044	-.00029	F 4.3527	F<.00000
Stddev	.00104	.0006	.00007	.0250	.41453
%RSD	404.26	14.56	25.015	.57534	55.095

#1	-.00048	-.0048	-.00024	4.3704	-.45929
#2	.00100	-.0039	-.00034	4.3350	-1.0455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.7	52373.	4988.8	104.09	4263.4
Stddev	5.7	108.	48.6	1.61	4.5
%RSD	.15457	.20663	.97485	1.5511	.10598

#1	3684.6	52296.	4954.4	105.23	4260.2
#2	3692.7	52449.	5023.2	102.95	4266.6

Sample Name: J6335-15DUP Acquired: 12/13/2018 17:10:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00170	.00049	-.00196	-.00237	.34159	.09837	.00062
Stddev	.00096	.00004	.00057	.00052	.00007	.01269	.00011	.00004
%RSD	1586.3	2.3006	115.25	26.357	2.8005	3.7145	.11187	5.9962

#1	.00074	-.00173	.00089	-.00233	-.00242	.33262	.09845	.00060
#2	-.00062	-.00167	.00009	-.00160	-.00232	.35056	.09830	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	10.596	.00175	.00135	.00252	.00743	.22555	2.8210
Stddev	.00013	.088	.00028	.00010	.00026	.02053	.00039	.0227
%RSD	38.480	.82914	15.767	7.4895	10.424	276.35	.17132	.80651

#1	.00044	10.533	.00195	.00142	.00233	-.00709	.22582	2.8371
#2	.00025	10.658	.00156	.00128	.00270	.02195	.22527	2.8049

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00949	.00027	64.627	.00043	.06690	1.5132	.00047	.04100
Stddev	.00010	.00022	.857	.00031	.00287	.0173	.00004	.00284
%RSD	1.0905	81.496	1.3263	71.022	4.2886	1.1460	9.4147	6.9279

#1	.00942	.00043	64.021	.00065	.06487	1.5255	.00044	.03899
#2	.00957	.00012	65.233	.00021	.06893	1.5009	.00051	.04301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1991	3.6970	-.00257	-.00053	.00179	-.0036	.09400	4.5986
Stddev	.0079	.0013	.00044	.00066	.00277	.0011	.00046	.0936
%RSD	.08601	.03609	17.274	124.48	154.49	29.52	.49222	2.0360

#1	9.2047	3.6979	-.00289	-.00006	.00375	-.0029	.09368	4.5324
#2	9.1935	3.6961	-.00226	-.00099	-.00017	-.0044	.09433	4.6648

Sample Name: J6335-15DUP Acquired: 12/13/2018 17:10:06 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .43367
 Stddev .41793
 %RSD 96.370

#1 .72919
 #2 .13815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3647.3	51781.	4995.5	105.15	4046.2
Stddev	8.9	114.	38.2	4.13	6.3
%RSD	.24536	.21975	.76487	3.9315	.15465

#1	3641.0	51701.	5022.5	108.07	4041.7
#2	3653.6	51862.	4968.5	102.23	4050.6

Sample Name: J6335-15LX5 Acquired: 12/13/2018 17:14:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00055	.00046	-.00130	-.00317	.08148	.02390	.00021
Stddev	.00014	.00104	.00016	.00063	.00048	.01057	.00027	.00002
%RSD	9.0142	188.56	35.903	48.936	15.127	12.979	1.1217	9.2437

#1	-.00150	-.00018	.00057	-.00085	-.00283	.07400	.02371	.00020
#2	-.00171	.00129	.00034	-.00174	-.00351	.08896	.02409	.00023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	2.4572	.00038	.00046	.00012	.01243	.05340	.62980
Stddev	.00006	.0208	.00032	.00009	.00056	.00857	.00039	.00502
%RSD	163.11	.84721	84.939	18.632	490.69	68.975	.73432	.79703

#1	-.00001	2.4425	.00015	.00040	.00051	.01849	.05367	.62625
#2	.00008	2.4719	.00060	.00052	-.00028	.00637	.05312	.63335

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.00020	14.591	.00043	.01237	.38226	-.00020	.01545
Stddev	.00004	.00056	.006	.00032	.00009	.00988	.00022	.00389
%RSD	2.6176	282.22	.04355	73.865	.69249	2.5857	112.80	25.196

#1	.00139	-.00020	14.586	.00020	.01243	.37527	-.00004	.01820
#2	.00144	.00060	14.595	.00065	.01231	.38925	-.00036	.01270

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0399	.87626	-.00181	.00091	.00008	-.0030	.02150	4.4097
Stddev	.0200	.00612	.00079	.00268	.00028	.0003	.00037	.5004
%RSD	.98071	.69811	43.833	293.83	368.21	11.63	1.7270	11.349

#1	2.0540	.88058	-.00125	-.00098	-.00012	-.0033	.02123	4.0559
#2	2.0257	.87193	-.00237	.00281	.00028	-.0028	.02176	4.7636

Sample Name: J6335-15LX5 Acquired: 12/13/2018 17:14:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.36292
%RSD	521.66

#1	-.32619
#2	.18705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.6	52366.	5033.0	106.74	4216.7
Stddev	9.4	648.	4.4	.78	5.5
%RSD	.25583	1.2383	.08802	.73372	.13160

#1	3677.9	52825.	5036.1	106.19	4212.8
#2	3691.3	51908.	5029.8	107.30	4220.7

Sample Name: J6335-15MS Acquired: 12/13/2018 17:26:21 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78546	1.8266	.94696	1.8263	.78016	2.2665	.30782
Stddev	.00021	.0034	.00026	.0008	.00059	.0067	.00217
%RSD	.02669	.18762	.02784	.04626	.07519	.29527	.70543

#1	.78532	1.8290	.94678	1.8257	.78057	2.2712	.30629
#2	.78561	1.8242	.94715	1.8269	.77974	2.2618	.30936

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19116	.18553	11.915	.40198	.19844	.30306	2.9375
Stddev	.00049	.00030	.168	.00200	.00050	.00025	.0470
%RSD	.25623	.15905	1.4060	.49647	.24978	.08300	1.5993

#1	.19151	.18574	11.797	.40057	.19879	.30288	2.9042
#2	.19081	.18532	12.034	.40340	.19809	.30324	2.9707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43207	4.8695	.48345	.06919	69.501	.28923	.26812
Stddev	.00044	.0190	.00090	.00031	.276	.00021	.00161
%RSD	.10102	.39103	.18632	.44475	.39648	.07097	.59966

#1	.43238	4.8829	.48409	.06897	69.306	.28908	.26699
#2	.43176	4.8560	.48282	.06941	69.696	.28937	.26926

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.586	.40511	.30662	9.4650	4.7039	.64996	.19609
Stddev	.051	.00151	.01442	.0256	.0007	.00304	.00366
%RSD	.44425	.37169	4.7022	.27036	.01563	.46830	1.8659

#1	11.550	.40405	.29643	9.4831	4.7044	.65212	.19350
#2	11.623	.40618	.31682	9.4469	4.7034	.64781	.19867

Sample Name: J6335-15MS Acquired: 12/13/2018 17:26:21 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19969	5.190	.29481	4.7648	F<.00000
Stddev	.00187	.014	.00196	.0923	.29974
%RSD	.93764	.2726	.66563	1.9379	27.497

#1	.20101	5.200	.29342	4.6995	-.87812
#2	.19836	5.180	.29620	4.8301	-1.3020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.0	52061.	5000.8	103.79	4024.3
Stddev	13.3	48.	12.1	.32	20.2
%RSD	.36219	.09312	.24149	.30950	.50145

#1	3663.6	52027.	4992.2	104.02	4010.0
#2	3682.4	52096.	5009.3	103.56	4038.5

Sample Name: J6335-15MSD Acquired: 12/13/2018 17:30:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78274	1.8287	.94269	1.8334	.77989	2.2864	.30739
Stddev	.01054	.0291	.01776	.0398	.00953	.0063	.00360
%RSD	1.3463	1.5935	1.8836	2.1719	1.2217	.27567	1.1723

#1	.77529	1.8081	.93013	1.8052	.77316	2.2908	.30484
#2	.79019	1.8494	.95524	1.8615	.78663	2.2819	.30994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19261	.18480	11.889	.40643	.19846	.30240	2.9161
Stddev	.00024	.00242	.114	.00059	.00276	.00461	.0380
%RSD	.12353	1.3111	.95550	.14622	1.3901	1.5253	1.3033

#1	.19244	.18308	11.809	.40685	.19651	.29914	2.8892
#2	.19278	.18651	11.970	.40601	.20041	.30566	2.9429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43575	4.9036	.48158	.07072	69.419	.29064	.26669
Stddev	.00030	.0365	.00643	.00022	.701	.00084	.00125
%RSD	.06913	.74456	1.3358	.31686	1.0095	.28815	.47022

#1	.43554	4.8778	.47703	.07056	68.924	.29005	.26580
#2	.43596	4.9295	.48613	.07087	69.915	.29123	.26758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.617	.40439	.30959	9.4413	4.7090	.64976	.19441
Stddev	.112	.00714	.00603	.1694	.0201	.00624	.00333
%RSD	.96261	1.7662	1.9483	1.7939	.42707	.96023	1.7108

#1	11.537	.39934	.30532	9.3215	4.6948	.64535	.19205
#2	11.696	.40944	.31385	9.5610	4.7232	.65417	.19676

Sample Name: J6335-15MSD Acquired: 12/13/2018 17:30:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-TT-AOC22- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20015	5.178	.29514	4.8464	F<.00000
Stddev	.00142	.100	.00356	.0050	.93309
%RSD	.70798	1.924	1.2049	.10412	74.995

#1	.19915	5.108	.29262	4.8429	-1.9040
#2	.20115	5.249	.29765	4.8500	-.58441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.0	51845.	5017.4	104.54	4038.2
Stddev	44.9	170.	17.0	.24	46.1
%RSD	1.2201	.32716	.33932	.22793	1.1427

#1	3714.7	51725.	5029.4	104.71	4070.8
#2	3651.2	51965.	5005.3	104.37	4005.6

Sample Name: J6335-15A Acquired: 12/13/2018 17:34:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7780 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78663	1.8334	.94642	1.8319	.78222	2.2807	.30769	.19097
Stddev	.00043	.0031	.00255	.0015	.00376	.0001	.00064	.00067
%RSD	.05449	.16777	.26892	.08095	.48084	.00297	.20865	.35041

#1	.78632	1.8312	.94462	1.8330	.78488	2.2806	.30724	.19049
#2	.78693	1.8356	.94822	1.8309	.77956	2.2807	.30815	.19144

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18561	11.889	.40295	.19876	.30262	2.9220	.43269	4.9097
Stddev	.00005	.001	.00214	.00006	.00142	.0188	.00093	.0180
%RSD	.02889	.00727	.53027	.03056	.47054	.64497	.21592	.36608

#1	.18565	11.888	.40143	.19881	.30161	2.9353	.43203	4.8970
#2	.18557	11.890	.40446	.19872	.30362	2.9086	.43335	4.9224

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48356	.06944	69.314	.28871	.26413	11.597	.40575	.30683
Stddev	.00176	.00062	.559	.00127	.00357	.008	.00025	.00609
%RSD	.36406	.89683	.80672	.44054	1.3531	.07179	.06041	1.9848

#1	.48480	.06900	68.919	.28781	.26666	11.591	.40558	.31114
#2	.48231	.06988	69.710	.28961	.26161	11.602	.40592	.30252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4662	4.6924	.65241	.19393	.20048	5.190	.29314	4.6705
Stddev	.0025	.0370	.00089	.00056	.00050	.009	.00130	.0374
%RSD	.02684	.78793	.13691	.28731	.24949	.1643	.44428	.80175

#1	9.4644	4.6663	.65304	.19433	.20012	5.183	.29222	4.6440
#2	9.4680	4.7185	.65178	.19354	.20083	5.196	.29406	4.6970

Sample Name: J6335-15A Acquired: 12/13/2018 17:34:01 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7780 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .23613
 %RSD 28.157

#1 -.67167
 #2 -1.0056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.9	52161.	5023.4	105.36	4011.6
Stddev	13.9	42.	11.2	1.68	17.3
%RSD	.37843	.07971	.22380	1.5957	.43010

#1	3652.1	52132.	5031.4	104.17	3999.4
#2	3671.7	52190.	5015.5	106.55	4023.8

Sample Name: J6335-17 Acquired: 12/13/2018 17:37:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00150	-.00085	-.00130	-.00237	.00125	.00426	.00014
Stddev	.00105	.00168	.00038	.00530	.00056	.00070	.00122	.00014
%RSD	566.16	112.27	45.161	406.47	23.563	56.099	28.629	96.668

#1	-.00056	.00031	-.00112	.00245	-.00198	.00174	.00512	.00024
#2	.00093	.00269	-.00058	-.00505	-.00276	.00075	.00340	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.01949	.00025	-.00010	-.00034	.00979	.00032	-.00931
Stddev	.00003	.00700	.00008	.00011	.00003	.00704	.00004	.04342
%RSD	21.421	35.903	32.508	118.94	8.1726	71.915	11.739	466.18

#1	-.00012	-.02444	.00030	-.00002	-.00036	.01477	.00029	-.04002
#2	-.00016	-.01454	.00019	-.00018	-.00032	.00481	.00034	.02139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	.00007	.16230	.00040	.00116	.03549	-.00037	-.00782
Stddev	.00006	.00032	.01677	.00037	.00009	.00808	.00029	.00038
%RSD	9.4558	458.92	10.330	93.268	7.4631	22.764	79.126	4.9184

#1	-.00059	-.00016	.15044	.00066	.00123	.02978	-.00058	-.00809
#2	-.00067	.00029	.17415	.00013	.00110	.04121	-.00016	-.00755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00614	-.00324	-.00099	.00374	-.00155	-.0021	-.00042	4.1610
Stddev	.00232	.00277	.00029	.00190	.00143	.0002	.00009	.0503
%RSD	37.729	85.432	28.917	50.718	92.289	8.760	21.924	1.2084

#1	-.00778	-.00128	-.00119	.00508	-.00054	-.0022	-.00048	4.1965
#2	-.00450	-.00519	-.00079	.00240	-.00256	-.0019	-.00035	4.1254

Sample Name: J6335-17 Acquired: 12/13/2018 17:37:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BP-EB03-2018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .09580
Stddev .48569
%RSD 506.99

#1 .43924
#2 -.24764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.7	52446.	4915.1	105.92	4368.4
Stddev	29.6	204.	85.3	2.15	28.8
%RSD	.79998	.38885	1.7364	2.0306	.65971

#1	3724.7	52302.	4854.8	104.40	4388.7
#2	3682.8	52590.	4975.5	107.44	4348.0

Sample Name: PB115626BL Acquired: 12/13/2018 17:41:55 Type: Unk
Method: P4-ICP2(v2649) 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	.00010	.00073	.00138	-.00190	-.00196	.00926	.00153	.00002
Stddev	.00041	.00124	.00039	.00128	.00114	.00001	.00035	.00006
%RSD	394.39	168.76	28.356	67.155	58.272	.05679	22.775	361.43
#1	-.00018	-.00014	.00166	-.00100	-.00115	.00925	.00128	-.00003
#2	.00039	.00161	.00111	-.00280	-.00277	.00926	.00177	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01021	.00056	.00007	-.00007	.00959	.00013	.00118
Stddev	.00007	.00558	.00006	.00017	.00031	.00163	.00003	.00000
%RSD	79.574	54.672	11.374	224.88	461.96	16.993	24.220	.38014
#1	-.00004	.01416	.00051	-.00004	-.00029	.01075	.00016	.00118
#2	-.00013	.00626	.00060	.00019	.00015	.00844	.00011	.00118
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00092	-.07664	.00004	-.00380	.05214	-.00023	-.00812
Stddev	.00030	.00051	.00256	.00024	.00006	.03272	.00029	.00563
%RSD	37.117	54.911	3.3459	652.04	1.4732	62.752	124.01	69.366
#1	-.00060	.00128	-.07846	-.00013	-.00376	.07527	-.00003	-.00414
#2	-.00103	.00056	-.07483	.00021	-.00384	.02900	-.00044	-.01211
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00729	-.00081	-.00004	.00048	.00024	-.0042	-.00033	F 4.2923
Stddev	.00195	.00231	.00011	.00548	.00116	.0012	.00005	.0340
%RSD	26.704	285.72	276.12	1145.2	483.89	28.75	15.576	.79273
#1	-.00866	.00083	-.00012	-.00339	-.00058	-.0050	-.00036	4.3163
#2	-.00591	-.00244	.00004	.00435	.00106	-.0033	-.00029	4.2682

Sample Name: PB115626BL Acquired: 12/13/2018 17:41:55 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .01323
Stddev .44320
%RSD 3349.1

#1 -.30016
#2 .32662

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.5	52388.	4972.9	103.87	4241.5
Stddev	2.7	470.	.9	.38	.5
%RSD	.07327	.89633	.01874	.36874	.01108

#1	3667.6	52056.	4973.6	103.60	4241.1
#2	3671.4	52720.	4972.3	104.14	4241.8

Sample Name: PB115626BS Acquired: 12/13/2018 17:46:01 Type: Unk
Method: P4-ICP2(v2649) 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	.79875	1.9252	.98023	1.9382	.80779	1.9297	.21062
Stddev	.00276	.0032	.00652	.0004	.00290	.0300	.00054
%RSD	.34553	.16906	.66489	.02158	.35885	1.5562	.25859

#1	.80070	1.9275	.98484	1.9379	.80574	1.9084	.21101
#2	.79680	1.9229	.97563	1.9385	.80984	1.9509	.21024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19750	.18832	1.0584	.40612	.19772	.31697	2.8980
Stddev	.00012	.00032	.0143	.00129	.00004	.00043	.0116
%RSD	.05931	.17088	1.3498	.31805	.01793	.13710	.39987

#1	.19742	.18810	1.0685	.40521	.19769	.31728	2.9062
#2	.19758	.18855	1.0483	.40703	.19774	.31666	2.8899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20848	2.0212	.47930	.07394	2.8323	.28444	.20297
Stddev	.00020	.0230	.00085	.00037	.0049	.00083	.00221
%RSD	.09754	1.1402	.17760	.49538	.17147	.29108	1.0884

#1	.20834	2.0375	.47991	.07420	2.8357	.28385	.20453
#2	.20863	2.0049	.47870	.07368	2.8289	.28502	.20141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9565	.41751	.28255	F -.01367	.95049	.65337	.19311
Stddev	.0217	.00045	.00894	.00195	.01798	.00266	.00167
%RSD	.21826	.10704	3.1650	14.285	1.8917	.40691	.86412

#1	9.9718	.41719	.28887	-.01229	.96321	.65149	.19429
#2	9.9411	.41782	.27622	-.01505	.93778	.65525	.19193

Sample Name: PB115626BS Acquired: 12/13/2018 17:46:01 Type: Unk
 Method: P4-ICP2(v2649) 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	.19762	5.107	.20304	F 4.4459	F<.00000
Stddev	.00026	.000	.00017	.0721	.11043
%RSD	.13393	.0045	.08562	1.6214	5.3954

#1	.19743	5.107	.20317	4.3949	-2.1248
#2	.19781	5.107	.20292	4.4969	-1.9686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.6	52083.	4951.8	105.08	4144.7
Stddev	10.4	30.	42.8	1.56	16.4
%RSD	.28509	.05740	.86392	1.4804	.39643

#1	3645.2	52062.	4921.6	103.98	4133.1
#2	3659.9	52104.	4982.1	106.18	4156.3

Sample Name: CCV06 Acquired: 12/13/2018 18:02:35 Type: Unk
Method: P4-ICP2(v2649) 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	5.2116	4.8652	5.0585	4.9882	5.1682	10.121	10.216	.25285
Stddev	.0258	.0054	.0099	.0003	.0010	.105	.011	.00011
%RSD	.49466	.11068	.19544	.00515	.01845	1.0338	.10730	.04267
#1	5.2299	4.8690	5.0655	4.9883	5.1689	10.047	10.224	.25278
#2	5.1934	4.8614	5.0515	4.9880	5.1676	10.195	10.208	.25293
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4592	26.202	1.0117	2.4948	1.2663	4.8834	2.5261	25.378
Stddev	.0056	.290	.0031	.0034	.0018	.0847	.0032	.257
%RSD	.22940	1.1078	.30639	.13445	.14179	1.7341	.12868	1.0143
#1	2.4632	25.996	1.0095	2.4972	1.2675	4.8236	2.5238	25.196
#2	2.4552	26.407	1.0139	2.4925	1.2650	4.9433	2.5284	25.560
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4147	1.3088	24.154	2.3604	2.5978	25.367	5.2261	4.8980
Stddev	.0103	.0029	.092	.0090	.0307	.072	.0099	.0432
%RSD	.42669	.22524	.37892	.38076	1.1831	.28482	.18925	.88312
#1	2.4220	1.3067	24.219	2.3541	2.5761	25.315	5.2331	4.8674
#2	2.4074	1.3109	24.090	2.3668	2.6195	25.418	5.2191	4.9285
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9772	5.2331	5.0141	5.0237	5.0023	4.844	5.2795	F 6.3348
Stddev	.0216	.0239	.0113	.0054	.0033	.011	.0210	.0599
%RSD	.43470	.45681	.22592	.10696	.06622	.2253	.39834	.94490
#1	4.9925	5.2500	5.0221	5.0275	4.9999	4.852	5.2646	6.2925
#2	4.9619	5.2161	5.0061	5.0199	5.0046	4.837	5.2944	6.3771

Sample Name: CCV06 Acquired: 12/13/2018 18:02:35 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9350
Stddev	.6362
%RSD	32.877

#1	2.3848
#2	1.4851

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.4	49314.	4844.9	98.300	3752.1
Stddev	11.2	27.	34.3	1.017	12.4
%RSD	.31946	.05413	.70836	1.0344	.33000

#1	3498.5	49333.	4820.6	99.019	3743.3
#2	3514.3	49295.	4869.2	97.580	3760.8

Sample Name: CCB06 Acquired: 12/13/2018 18:06:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	.00132	.00235	-.00058	-.00112	.00097	.00233	.00012
Stddev	.00200	.00048	.00052	.00022	.00157	.00211	.00088	.00001
%RSD	113.29	36.081	22.042	38.808	140.30	216.99	37.641	12.171
#1	-.00035	.00165	.00271	-.00074	-.00001	-.00052	.00295	.00013
#2	-.00318	.00098	.00198	-.00042	-.00224	.00247	.00171	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01759	.00030	.00004	.00027	.00536	.00019	-.05962
Stddev	.00004	.00019	.00045	.00013	.00039	.01172	.00000	.01236
%RSD	136.31	1.1010	150.49	293.02	143.73	218.67	1.1808	20.735
#1	.00006	-.01745	.00062	-.00005	.00054	-.00293	.00019	-.05087
#2	.00000	-.01772	-.00002	.00013	-.00000	.01364	.00019	-.06836
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	.00050	-.13602	.00008	-.00336	-.00401	.00025	F .03118
Stddev	.00055	.00002	.01423	.00035	.00003	.01346	.00026	.05278
%RSD	42.685	4.0522	10.465	431.07	.77730	336.14	104.43	169.30
#1	-.00089	.00049	-.14608	-.00017	-.00338	.00552	.00043	-.00615
#2	-.00167	.00052	-.12595	.00033	-.00334	-.01353	.00006	.06850
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00866	.00018	-.00022	.00157	.00154	-.0046	-.00034	F 4.7148
Stddev	.00211	.00141	.00113	.00015	.00167	.0010	.00010	.0779
%RSD	24.396	787.12	516.37	9.6240	108.87	22.97	30.700	1.6526
#1	-.01015	.00118	.00058	.00168	.00035	-.0053	-.00026	4.6597
#2	-.00717	-.00082	-.00102	.00147	.00272	-.0038	-.00041	4.7698

Sample Name: CCB06 Acquired: 12/13/2018 18:06:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .09733
Stddev .65379
%RSD 671.76

#1 .55963
#2 -.36497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3671.5	51838.	4899.9	103.44	4245.9
Stddev	2.2	136.	7.1	1.07	3.3
%RSD	.05892	.26203	.14424	1.0368	.07828

#1	3670.0	51742.	4904.9	104.20	4248.2
#2	3673.0	51934.	4894.9	102.68	4243.5

Sample Name: PB115580BL Acquired: 12/13/2018 18:18:32 Type: Unk
Method: P4-ICP2(v2649) 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	-.00143	-.00113	.00137	-.00051	-.00242	.01114	.00133	.00006
Stddev	.00040	.00213	.00017	.00215	.00027	.00693	.00037	.00002
%RSD	28.218	188.39	12.378	422.88	11.139	62.191	27.553	31.469
#1	-.00172	-.00263	.00149	.00101	-.00261	.01604	.00107	.00005
#2	-.00115	.00038	.00125	-.00203	-.00223	.00624	.00159	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01817	.00015	.00014	-.00008	F .02523	.00024	-.01819
Stddev	.00007	.01238	.00025	.00003	.00003	.00514	.00007	.00349
%RSD	97.737	68.123	170.72	18.624	33.912	20.363	29.997	19.205
#1	-.00002	-.02692	-.00003	.00012	-.00006	.02887	.00029	-.02066
#2	-.00012	-.00942	.00032	.00016	-.00010	.02160	.00019	-.01572
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	.00042	-.11375	.00017	-.00361	.06980	.00000	-.01467
Stddev	.00012	.00001	.00290	.00026	.00006	.03469	.00014	.00145
%RSD	16.570	2.3096	2.5531	157.94	1.6192	49.695	45406.	9.8998
#1	-.00065	.00041	-.11581	-.00002	-.00357	.09433	-.00010	-.01364
#2	-.00083	.00042	-.11170	.00035	-.00366	.04527	.00010	-.01569
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00476	.00127	-.00082	.00039	-.00001	-.0043	-.00036	F 4.2476
Stddev	.00171	.00183	.00040	.00039	.00023	.0001	.00004	.1144
%RSD	35.889	144.06	49.064	99.806	4199.5	3.253	11.930	2.6940
#1	.00597	.00256	-.00054	.00012	-.00017	-.0042	-.00039	4.1667
#2	.00355	-.00002	-.00111	.00067	.00016	-.0044	-.00033	4.3285

Sample Name: PB115580BL Acquired: 12/13/2018 18:18:32 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .22389
Stddev .11353
%RSD 50.706

#1 .30416
#2 .14361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.9	52121.	4924.2	103.60	4245.9
Stddev	12.4	44.	41.9	1.05	15.2
%RSD	.33779	.08440	.85062	1.0181	.35808

#1	3661.1	52152.	4894.6	102.86	4235.2
#2	3678.6	52090.	4953.8	104.35	4256.7

Sample Name: PB115580BS Acquired: 12/13/2018 18:22:37 Type: Unk
Method: P4-ICP2(v2649) 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	.79343	1.9004	.98091	1.8867	.84964	1.9727	.21794
Stddev	.00090	.0011	.00419	.0044	.00318	.0204	.00119
%RSD	.11342	.05881	.42683	.23086	.37482	1.0322	.54572

#1	.79279	1.9012	.98387	1.8897	.85189	1.9583	.21710
#2	.79406	1.8996	.97795	1.8836	.84739	1.9871	.21878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19332	.18605	1.1028	.42196	.20214	.31780	3.0893
Stddev	.00023	.00062	.0071	.00132	.00072	.00034	.0468
%RSD	.11868	.33302	.64167	.31367	.35534	.10650	1.5140

#1	.19316	.18649	1.1078	.42102	.20265	.31804	3.1224
#2	.19349	.18562	1.0978	.42289	.20163	.31756	3.0562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21438	2.0663	.48472	.07195	2.9127	.29687	.20667
Stddev	.00048	.0026	.00251	.00118	.0087	.00212	.00388
%RSD	.22538	.12779	.51820	1.6377	.29895	.71350	1.8783

#1	.21404	2.0645	.48649	.07112	2.9066	.29537	.20942
#2	.21472	2.0682	.48294	.07278	2.9189	.29837	.20393

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.395	.44851	.29957	F -.00264	1.0064	.68683	.21188
Stddev	.018	.00170	.00163	.00159	.0093	.00057	.00047
%RSD	.17041	.37838	.54290	60.174	.92101	.08345	.22289

#1	10.383	.44971	.29842	-.00151	.99985	.68723	.21154
#2	10.408	.44731	.30072	-.00376	1.0130	.68642	.21221

Sample Name: PB115580BS Acquired: 12/13/2018 18:22:37 Type: Unk
Method: P4-ICP2(v2649) 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	.20386	5.016	.20997	F 4.4735	F<.00000
Stddev	.00149	.010	.00158	.0810	.01379
%RSD	.72892	.2019	.75369	1.8098	.56312

#1	.20491	5.023	.20885	4.5307	-2.4584
#2	.20281	5.009	.21109	4.4162	-2.4389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3633.0	52295.	4895.1	101.58	4160.9
Stddev	13.2	74.	9.9	2.33	24.4
%RSD	.36280	.14184	.20250	2.2914	.58741

#1	3623.6	52242.	4888.1	99.933	4143.6
#2	3642.3	52347.	4902.1	103.23	4178.2

Sample Name: PB115648BL Acquired: 12/13/2018 18:26:28 Type: Unk
Method: P4-ICP2(v2649) 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	.00164	.00023	.00072	.00110	-.00015	-.01207	.00206	.00012
Stddev	.00012	.00128	.00007	.00429	.00084	.00094	.00049	.00008
%RSD	7.5718	567.23	9.9061	388.96	546.10	7.7850	23.718	62.022

#1	.00173	-.00068	.00077	-.00193	.00044	-.01141	.00171	.00007
#2	.00156	.00113	.00067	.00414	-.00075	-.01273	.00240	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00594	.00002	.00007	.00003	.01462	.00018	-.05243
Stddev	.00001	.00564	.00017	.00016	.00019	.00478	.00009	.06247
%RSD	13.664	94.908	720.62	225.37	657.04	32.705	50.456	119.15

#1	-.00007	-.00993	.00014	.00018	-.00010	.01124	.00012	-.00826
#2	-.00009	-.00195	-.00010	-.00004	.00016	.01800	.00025	-.09660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00059	-.15742	.00014	-.00383	-.00559	-.00039	-.01470
Stddev	.00021	.00018	.00162	.00072	.00003	.03232	.00030	.01450
%RSD	16.845	30.085	1.0284	521.05	.69557	577.85	77.510	98.677

#1	-.00111	.00071	-.15857	.00065	-.00385	.01726	-.00060	-.00444
#2	-.00141	.00046	-.15628	-.00037	-.00382	-.02845	-.00018	-.02495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00624	-.00171	-.00011	.00377	.00067	-.0042	-.00031	4.7965
Stddev	.00131	.00288	.00030	.00329	.00151	.0001	.00007	.0619
%RSD	20.966	168.15	282.52	87.163	223.64	1.617	21.742	1.2903

#1	-.00717	-.00375	-.00032	.00609	-.00039	-.0041	-.00036	4.8402
#2	-.00532	.00032	.00011	.00145	.00174	-.0042	-.00026	4.7527

Sample Name: PB115648BL Acquired: 12/13/2018 18:26:28 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15263
Stddev .05147
%RSD 33.722

#1 .11624
#2 .18903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.9	52101.	4882.7	101.93	4254.7
Stddev	13.7	9.	12.8	.54	3.7
%RSD	.37144	.01731	.26232	.52607	.08723

#1	3668.2	52095.	4891.8	101.55	4252.1
#2	3687.5	52107.	4873.7	102.31	4257.4

Sample Name: PB115648BS Acquired: 12/13/2018 18:30:33 Type: Unk
Method: P4-ICP2(v2649) 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	.79160	1.8840	.97049	1.8593	.79438	1.9938	.21803
Stddev	.00252	.0055	.00174	.0135	.00385	.0098	.00142
%RSD	.31797	.29191	.17948	.72597	.48473	.48909	.65175

#1	.79338	1.8879	.97173	1.8688	.79710	1.9869	.21903
#2	.78982	1.8801	.96926	1.8498	.79166	2.0006	.21702

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19152	.18470	1.1069	.42372	.20010	.31544	3.0339
Stddev	.00023	.00029	.0494	.00090	.00059	.00014	.0611
%RSD	.11899	.15856	4.4611	.21264	.29408	.04505	2.0121

#1	.19136	.18449	1.1418	.42308	.19969	.31555	3.0771
#2	.19168	.18490	1.0720	.42435	.20052	.31534	2.9908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21358	2.1343	.47975	.07276	2.8680	.29563	.20296
Stddev	.00002	.0786	.00038	.00044	.0169	.00143	.00621
%RSD	.01072	3.6833	.08012	.59899	.59066	.48269	3.0598

#1	.21359	2.1898	.48002	.07246	2.8800	.29462	.20735
#2	.21356	2.0787	.47948	.07307	2.8560	.29664	.19857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.278	.41830	.28047	-.00895	.96495	.64464	.19796
Stddev	.017	.00165	.01167	.00202	.01230	.00031	.00151
%RSD	.16564	.39464	4.1599	22.532	1.2742	.04834	.76506

#1	10.290	.41947	.27222	-.00753	.97364	.64486	.19903
#2	10.266	.41714	.28872	-.01038	.95626	.64442	.19689

Sample Name: PB115648BS Acquired: 12/13/2018 18:30:33 Type: Unk
Method: P4-ICP2(v2649) 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	.20352	4.955	.21280	4.6656	F<.00000
Stddev	.00092	.003	.00095	.0058	.35977
%RSD	.45281	.0498	.44487	.12397	13.590

#1	.20417	4.953	.21347	4.6696	-2.3930
#2	.20287	4.957	.21213	4.6615	-2.9018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.5	52080.	4884.0	102.80	4188.0
Stddev	18.4	150.	79.6	3.46	18.4
%RSD	.50405	.28758	1.6298	3.3646	.43881

#1	3639.5	51974.	4827.8	100.36	4175.0
#2	3665.6	52186.	4940.3	105.25	4201.0

Sample Name: J6334-05 Acquired: 12/13/2018 18:34:23 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00035	.00270	-.00204	-.00094	.00370	.02042	.00008
Stddev	.00506	.00033	.00014	.00062	.00007	.00529	.00073	.00000
%RSD	997.76	94.425	5.3489	30.258	7.2043	142.84	3.5913	2.5075

#1	-.00408	.00012	.00280	-.00160	-.00099	-.00004	.02094	.00008
#2	.00307	.00059	.00259	-.00248	-.00089	.00744	.01990	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.1399	.00011	-.00005	-.00034	.19496	.03487	1.4293
Stddev	.00001	.0025	.00009	.00008	.00005	.01806	.00085	.0042
%RSD	9.4278	.11718	87.456	147.00	15.682	9.2635	2.4328	.29111

#1	-.00009	2.1381	.00017	.00000	-.00030	.20773	.03427	1.4323
#2	-.00008	2.1417	.00004	-.00011	-.00038	.18219	.03547	1.4264

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	.00023	4.8986	.00033	.01445	.94504	-.00015	.00167
Stddev	.00010	.00020	.0030	.00023	.00008	.00340	.00008	.01162
%RSD	9.6825	84.996	.06098	70.578	.56614	.35936	54.650	697.54

#1	-.00096	.00009	4.9008	.00049	.01451	.94264	-.00009	.00988
#2	-.00110	.00037	4.8965	.00016	.01439	.94745	-.00020	-.00655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38039	.03820	-.00001	.00172	-.00005	-.0045	.01437	4.3046
Stddev	.00176	.00175	.00052	.00182	.00095	.0012	.00017	.1476
%RSD	.46368	4.5876	3945.3	105.61	1762.6	26.77	1.1699	3.4294

#1	.38164	.03697	-.00038	.00300	.00062	-.0036	.01425	4.2002
#2	.37914	.03944	.00035	.00044	-.00072	-.0053	.01448	4.4089

Sample Name: J6334-05 Acquired: 12/13/2018 18:34:23 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .35074
%RSD 68.474

#1 -.26421
#2 -.76023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3686.5	51917.	5013.0	104.33	4226.0
Stddev	4.8	670.	32.3	.41	11.4
%RSD	.12995	1.2896	.64365	.39763	.27025

#1	3683.1	52391.	4990.2	104.62	4217.9
#2	3689.9	51444.	5035.8	104.04	4234.1

Sample Name: J6334-08 Acquired: 12/13/2018 18:38:27 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	-.00016	.11656	.00058	-.00086	.03644	.02342	.00010
Stddev	.00084	.00012	.00084	.00079	.00068	.00873	.00005	.00011
%RSD	82.676	76.815	.72221	137.40	79.242	23.967	.19235	109.45

#1	.00162	-.00025	.11597	.00002	-.00038	.03026	.02339	.00018
#2	.00042	-.00007	.11716	.00114	-.00134	.04261	.02346	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00957	.72582	.00029	.00031	.00414	3.2246	.23382	.16896
Stddev	.00004	.00673	.00032	.00010	.00049	.0212	.00025	.03331
%RSD	.45690	.92672	113.30	31.622	11.849	.65861	.10751	19.713

#1	.00954	.72106	.00006	.00039	.00379	3.2096	.23364	.19251
#2	.00960	.73057	.00052	.00024	.00449	3.2396	.23400	.14541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	.00057	6.3649	.00085	.37377	1.6181	-.00020	.01448
Stddev	.00034	.00023	.0245	.00025	.00093	.0186	.00009	.00001
%RSD	45.839	41.138	.38485	29.297	.24794	1.1497	45.182	.09010

#1	-.00099	.00073	6.3823	.00067	.37443	1.6049	-.00027	.01449
#2	-.00051	.00040	6.3476	.00102	.37312	1.6312	-.00014	.01447

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04312	.06762	-.00045	.00148	-.00049	-.0036	.00925	3.9485
Stddev	.00166	.00108	.00095	.00266	.00133	.0017	.00003	.0312
%RSD	3.8393	1.5902	212.90	179.75	274.87	46.87	.33833	.79028

#1	.04195	.06838	.00023	.00336	.00046	-.0048	.00923	3.9706
#2	.04429	.06686	-.00112	-.00040	-.00143	-.0024	.00928	3.9264

Sample Name: J6334-08 Acquired: 12/13/2018 18:38:27 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .37735
Stddev .20726
%RSD 54.925

#1 .52391
#2 .23080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.8	52409.	4996.2	104.47	4212.2
Stddev	20.7	195.	20.1	.32	25.7
%RSD	.56105	.37182	.40225	.31016	.61028

#1	3702.4	52272.	4982.0	104.24	4230.3
#2	3673.1	52547.	5010.4	104.70	4194.0

Sample Name: PB115648TB Acquired: 12/13/2018 18:42:30 Type: Unk
Method: P4-ICP2(v2649) 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	-.00358	.00168	.00244	-.00105	.01339	.00182	-.00001
Stddev	.00405	.00110	.00018	.00264	.00106	.00500	.00011	.00003
%RSD	182.66	30.652	10.960	107.98	100.64	37.352	5.7823	388.47

#1	-.00508	-.00280	.00155	.00058	-.00030	.01692	.00190	.00001
#2	.00065	-.00435	.00182	.00430	-.00180	.00985	.00175	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.03273	.00141	-.00026	.00024	.02459	.00106	-.04429
Stddev	.00003	.00734	.00051	.00012	.00003	.00038	.00004	.00322
%RSD	18.655	22.443	36.018	47.146	13.578	1.5514	4.0476	7.2760

#1	-.00019	.02753	.00177	-.00035	.00026	.02432	.00109	-.04202
#2	-.00015	.03792	.00105	-.00018	.00022	.02486	.00103	-.04657

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	.00355	403.44	.00011	.00007	.18314	.00008	-.00563
Stddev	.00013	.00052	2.47	.00016	.00010	.06925	.00006	.00577
%RSD	8.5668	14.577	.61295	145.74	140.64	37.810	80.138	102.57

#1	.00145	.00318	405.19	.00023	.00014	.23211	.00012	-.00971
#2	.00164	.00391	401.69	-.00000	.00000	.13418	.00003	-.00155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01473	.00163	.00078	.00347	-.00017	-.0053	-.00028	5.8966
Stddev	.00274	.00092	.00006	.00230	.00036	.0007	.00006	.0304
%RSD	18.570	56.423	7.7395	66.268	219.43	13.59	21.990	.51494

#1	.01667	.00098	.00074	.00509	-.00042	-.0058	-.00024	5.8752
#2	.01280	.00228	.00083	.00184	.00009	-.0048	-.00032	5.9181

Sample Name: PB115648TB Acquired: 12/13/2018 18:42:30 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4723
Stddev .6002
%RSD 40.767

#1 1.0479
#2 1.8967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3472.4	48432.	4915.9	101.62	3709.6
Stddev	10.2	116.	36.3	.13	18.4
%RSD	.29304	.23852	.73830	.12757	.49524

#1	3465.3	48350.	4890.2	101.53	3696.6
#2	3479.6	48513.	4941.5	101.71	3722.6

Sample Name: PB115649BL Acquired: 12/13/2018 18:46:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00072	.00104	.00119	-.00157	.01591	.00142	.00010
Stddev	.00068	.00028	.00072	.00104	.00018	.00091	.00053	.00007
%RSD	3100.8	39.597	69.531	87.588	11.322	5.7349	36.960	69.056

#1	-.00051	-.00052	.00155	.00192	-.00144	.01526	.00105	.00005
#2	.00046	-.00092	.00053	.00045	-.00170	.01655	.00179	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00178	.00009	-.00013	-.00007	.01319	.00016	-.01665
Stddev	.00001	.01100	.00019	.00017	.00025	.00191	.00003	.01206
%RSD	15.296	618.85	206.54	123.71	364.08	14.455	15.951	72.405

#1	-.00010	-.00955	-.00004	-.00025	-.00024	.01454	.00014	-.00813
#2	-.00008	.00600	.00022	-.00002	.00011	.01184	.00017	-.02518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.00043	-.01228	-.00009	-.00399	.04109	-.00028	-.00006
Stddev	.00019	.00026	.01371	.00009	.00006	.05208	.00004	.01021
%RSD	19.099	59.783	111.64	92.579	1.6025	126.74	15.143	18232.

#1	-.00111	.00025	-.00259	-.00003	-.00394	.00427	-.00031	-.00727
#2	-.00085	.00062	-.02197	-.00015	-.00403	.07792	-.00025	.00716

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00732	-.00205	-.00097	.00170	-.00052	-.0043	-.00032	3.7434
Stddev	.00220	.00222	.00034	.00087	.00215	.0009	.00015	.0653
%RSD	30.089	108.20	35.066	51.379	409.56	21.01	47.711	1.7446

#1	-.00576	-.00362	-.00121	.00232	.00099	-.0036	-.00021	3.7895
#2	-.00887	-.00048	-.00073	.00108	-.00204	-.0049	-.00043	3.6972

Sample Name: PB115649BL Acquired: 12/13/2018 18:46:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .37939
%RSD 4359.1

#1 .25957
#2 -.27697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.4	53008.	5012.7	106.33	4324.5
Stddev	4.7	192.	21.2	.60	6.0
%RSD	.12417	.36261	.42267	.56529	.13910

#1	3749.7	52872.	4997.8	106.75	4328.8
#2	3743.2	53144.	5027.7	105.90	4320.3

Sample Name: PB115649BS Acquired: 12/13/2018 18:50:46 Type: Unk
Method: P4-ICP2(v2649) 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	.77365	1.8682	.95611	1.8356	.78455	1.9306	.21230
Stddev	.00156	.0013	.00228	.0024	.00326	.0003	.00081
%RSD	.20107	.07113	.23863	.13310	.41489	.01548	.38051

#1	.77255	1.8672	.95772	1.8374	.78685	1.9304	.21173
#2	.77475	1.8691	.95450	1.8339	.78225	1.9308	.21287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18898	.18318	1.0382	.41121	.19793	.31114	3.0231
Stddev	.00022	.00006	.0261	.00188	.00029	.00058	.0071
%RSD	.11391	.03085	2.5182	.45706	.14419	.18634	.23467

#1	.18883	.18322	1.0197	.41254	.19813	.31155	3.0180
#2	.18914	.18314	1.0566	.40988	.19773	.31073	3.0281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21037	2.0693	.47650	.07172	2.8669	.29221	.20319
Stddev	.00023	.0048	.00060	.00061	.0140	.00080	.00335
%RSD	.10839	.23032	.12541	.85219	.48976	.27363	1.6463

#1	.21053	2.0727	.47692	.07215	2.8569	.29165	.20083
#2	.21021	2.0659	.47608	.07129	2.8768	.29278	.20556

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.031	.41238	.28129	-.00886	.92942	.63641	.19363
Stddev	.085	.00068	.00596	.00367	.00637	.00292	.00098
%RSD	.84899	.16545	2.1188	41.402	.68501	.45843	.50754

#1	9.9713	.41286	.27707	-.01146	.92492	.63435	.19432
#2	10.092	.41190	.28550	-.00627	.93392	.63847	.19293

Sample Name: PB115649BS Acquired: 12/13/2018 18:50:46 Type: Unk
 Method: P4-ICP2(v2649) 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	.19692	4.910	.20328	3.5979	F<.00000
Stddev	.00096	.014	.00207	.2889	.33937
%RSD	.48816	.2768	1.0172	8.0305	16.159

#1	.19624	4.920	.20182	3.8022	-2.3402
#2	.19760	4.901	.20475	3.3936	-1.8603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.2	53145.	5011.2	103.52	4232.8
Stddev	5.7	299.	22.3	1.60	3.5
%RSD	.15410	.56203	.44538	1.5483	.08161

#1	3713.1	52934.	4995.4	104.65	4230.4
#2	3721.2	53357.	5027.0	102.38	4235.2

Sample Name: PB115649TB Acquired: 12/13/2018 18:54:38 Type: Unk
Method: P4-ICP2(v2649) 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	-.00219	-.00157	.00040	.00167	-.00022	-.00366	.00123	-.00001
Stddev	.00107	.00088	.00129	.00211	.00130	.00794	.00111	.00007
%RSD	48.603	55.923	323.01	126.87	591.02	216.85	90.864	532.23

#1	-.00295	-.00220	.00132	.00316	-.00114	-.00928	.00201	-.00006
#2	-.00144	-.00095	-.00051	.00017	.00070	.00195	.00044	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.02414	.00094	-.00019	-.00015	.01277	.00010	-.03378
Stddev	.00009	.03255	.00041	.00006	.00010	.01770	.00002	.03961
%RSD	108.92	134.86	43.731	32.254	68.009	138.64	15.040	117.27

#1	-.00002	.04716	.00124	-.00023	-.00023	.02529	.00011	-.00577
#2	-.00015	.00112	.00065	-.00015	-.00008	.00025	.00009	-.06178

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.00245	305.88	.00073	-.00289	.09025	.00016	-.00778
Stddev	.00022	.00051	1.95	.00068	.00007	.08030	.00024	.00543
%RSD	21.857	20.893	.63721	93.635	2.5540	88.973	152.74	69.719

#1	.00086	.00281	304.50	.00025	-.00295	.03347	-.00001	-.00395
#2	.00117	.00209	307.26	.00121	-.00284	.14703	.00033	-.01162

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	.00255	.00049	.00081	-.00073	-.0039	-.00046	4.8535
Stddev	.00063	.00259	.00063	.00004	.00299	.0010	.00017	.2310
%RSD	15.479	101.92	128.32	5.3644	409.64	26.81	36.812	4.7589

#1	-.00363	.00071	.00005	.00077	.00138	-.0047	-.00034	5.0169
#2	-.00452	.00438	.00094	.00084	-.00284	-.0032	-.00058	4.6902

Sample Name: PB115649TB Acquired: 12/13/2018 18:54:38 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1994
Stddev	.0385
%RSD	3.2127

#1	1.2266
#2	1.1721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.6	49597.	4939.3	104.00	3786.9
Stddev	11.1	343.	33.1	2.48	3.9
%RSD	.31293	.69255	.66933	2.3854	.10352

#1	3530.7	49354.	4916.0	102.24	3789.6
#2	3546.4	49839.	4962.7	105.75	3784.1

Sample Name: CCV07 Acquired: 12/13/2018 19:06:34 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14336 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1359	4.8469	5.0222	4.9473	5.1169	9.9156	10.079	.25160
Stddev	.0008	.0192	.0088	.0112	.0147	.0008	.014	.00087
%RSD	.01517	.39629	.17605	.22582	.28692	.00832	.13520	.34428
#1	5.1354	4.8605	5.0284	4.9552	5.1273	9.9151	10.088	.25099
#2	5.1365	4.8333	5.0159	4.9394	5.1065	9.9162	10.069	.25221
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4517	25.176	.99187	2.4887	1.2536	4.8153	2.5060	25.122
Stddev	.0061	.282	.00377	.0029	.0021	.0377	.0018	.388
%RSD	.24726	1.1197	.37962	.11765	.16759	.78279	.07360	1.5454
#1	2.4560	24.977	.99454	2.4907	1.2551	4.8420	2.5047	24.848
#2	2.4474	25.375	.98921	2.4866	1.2521	4.7886	2.5073	25.397
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4156	1.2690	23.963	2.3585	2.5155	24.875	5.1606	4.8022
Stddev	.0076	.0066	.019	.0016	.0326	.043	.0037	.0479
%RSD	.31346	.51651	.08123	.06856	1.2971	.17376	.07194	.99762
#1	2.4209	1.2736	23.977	2.3574	2.5386	24.906	5.1632	4.7683
#2	2.4102	1.2644	23.949	2.3597	2.4925	24.845	5.1580	4.8360
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9476	5.0913	4.9684	4.9886	4.8962	4.814	5.1006	5.0235
Stddev	.0087	.0298	.0008	.0271	.0097	.011	.0147	.2727
%RSD	.17583	.58582	.01632	.54219	.19819	.2329	.28749	5.4284
#1	4.9537	5.0702	4.9678	4.9695	4.8894	4.822	5.0903	5.2164
#2	4.9414	5.1124	4.9689	5.0077	4.9031	4.806	5.1110	4.8307

Sample Name: CCV07 Acquired: 12/13/2018 19:06:34 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14336 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3668
Stddev	.2764
%RSD	11.677

#1	2.1714
#2	2.5622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.2	50286.	4966.6	101.98	3793.7
Stddev	4.0	203.	15.4	1.43	12.0
%RSD	.11173	.40455	.31023	1.4043	.31597

#1	3568.4	50142.	4977.5	100.97	3785.2
#2	3574.1	50430.	4955.7	102.99	3802.1

Sample Name: CCB07 Acquired: 12/13/2018 19:10:19 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14336 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00045	.00108	.00017	.00159	-.00591	.00248
Stddev	.00008	.00188	.00091	.00317	.00121	.00505	.00056
%RSD	11.971	423.21	84.077	1812.6	76.093	85.447	22.496

#1	.00070	-.00089	.00044	-.00206	.00245	-.00948	.00287
#2	.00059	.00178	.00173	.00241	.00073	-.00234	.00208

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00011	.01584	.00064	.00004	-.00004	.01199
Stddev	.00000	.00001	.00906	.00013	.00011	.00047	.00310
%RSD	.06532	12.597	57.156	20.820	261.17	1138.4	25.830

#1	.00005	-.00010	.02225	.00055	-.00004	-.00037	.01418
#2	.00005	-.00012	.00944	.00074	.00012	.00029	.00980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.06317	-.00146	.00067	-.12677	-.00005	-.00378
Stddev	.00001	.01122	.00068	.00067	.01554	.00035	.00001
%RSD	5.7580	17.760	46.925	99.972	12.262	648.09	.22592

#1	.00015	-.07111	-.00097	.00114	-.13776	-.00030	-.00378
#2	.00014	-.05524	-.00194	.00020	-.11578	.00019	-.00379

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00674	.00061	-.00093	-.00709	.00012	.00001	.00178
Stddev	.02397	.00018	.00891	.00073	.00074	.00052	.00197
%RSD	355.49	30.206	963.19	10.281	603.56	5787.3	110.52

#1	-.01021	.00048	.00537	-.00657	.00065	.00038	.00039
#2	.02370	.00074	-.00722	-.00760	-.00040	-.00036	.00317

Sample Name: CCB07 Acquired: 12/13/2018 19:10:19 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14336 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.0048	-.00044	F 3.9291	F<.00000
Stddev	.00009	.0001	.00003	.5853	.22870
%RSD	29.841	2.354	7.1839	14.897	67.137

#1	.00037	-.0047	-.00041	4.3430	-.50236
#2	.00024	-.0049	-.00046	3.5152	-.17893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.3	51935.	4849.6	103.20	4309.0
Stddev	17.4	1919.	74.1	2.33	24.3
%RSD	.46369	3.6948	1.5281	2.2611	.56327

#1	3759.6	50579.	4797.2	101.55	4326.1
#2	3735.0	53292.	4902.0	104.85	4291.8

Sample Name: J6342-01 Acquired: 12/13/2018 19:14:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04162	-.01631	.16828	.00738	.00090	140.32	.75979	.00621
Stddev	.00062	.00009	.00269	.00194	.00103	.16	.02548	.00006
%RSD	1.4845	.56085	1.5957	26.298	115.02	.11579	3.3530	.99739
#1	.04205	-.01637	.17018	.00601	.00163	140.21	.77781	.00625
#2	.04118	-.01624	.16638	.00876	.00017	140.44	.74178	.00616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	F 1959.2	.40246	.04270	.19284	115.50	2.4561	182.43
Stddev	.00069	4.6	.00481	.00014	.00111	6.50	.0376	5.22
%RSD	24.775	.23317	1.1945	.33665	.57361	5.6282	1.5291	2.8639
#1	.00228	1956.0	.39906	.04280	.19206	120.09	2.4296	186.13
#2	.00325	1962.4	.40586	.04260	.19363	110.90	2.4827	178.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15491	.00134	4.4314	.21224	.66435	13.981	.01489	.33481
Stddev	.00010	.00060	.1422	.00467	.03219	.502	.00070	.01327
%RSD	.06626	44.765	3.2098	2.2023	4.8459	3.5873	4.6969	3.9649
#1	.15498	.00177	4.5320	.20893	.68712	14.335	.01440	.34420
#2	.15484	.00092	4.3308	.21554	.64159	13.626	.01538	.32542
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.432	.97099	.00352	4.7985	.13746	4.748	8.4708	6.9080
Stddev	.122	.02374	.00003	.1099	.00292	.017	.2425	.0684
%RSD	.16870	2.4445	.82168	2.2901	2.1233	.3672	2.8633	.99001
#1	72.518	.98777	.00354	4.8762	.13953	4.760	8.6423	6.8596
#2	72.345	.95420	.00350	4.7208	.13540	4.735	8.2993	6.9563

Sample Name: J6342-01 Acquired: 12/13/2018 19:14:24 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.374
Stddev	.914
%RSD	6.3557

#1	13.728
#2	15.020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.7	45701.	5073.6	91.486	2962.7
Stddev	6.2	441.	117.3	4.493	6.5
%RSD	.19344	.96427	2.3110	4.9116	.22015

#1	3200.3	46013.	4990.7	88.309	2958.1
#2	3209.1	45390.	5156.5	94.664	2967.3

Sample Name: J6344-01 Acquired: 12/13/2018 19:18:30 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01940	-.01615	1.4227	.05448	.00282	120.55	.81300
Stddev	.00099	.00027	.0008	.00097	.00100	.04	.00585
%RSD	5.1195	1.6792	.05735	1.7748	35.523	.03608	.72007

#1	.01870	-.01634	1.4233	.05379	.00352	120.58	.81714
#2	.02010	-.01596	1.4221	.05516	.00211	120.52	.80886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	.00661	313.47	.30215	.16356	1.0606	312.81
Stddev	.00012	.00002	1.59	.00080	.00054	.0018	.98
%RSD	2.3643	.28394	.50642	.26353	.33197	.17021	.31293

#1	.00486	.00659	314.59	.30271	.16318	1.0618	312.11
#2	.00502	.00662	312.35	.30159	.16394	1.0593	313.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6542	131.63	.40249	.00402	14.156	.45065	1.9476
Stddev	.0027	.74	.00199	.00065	.064	.00255	.0011
%RSD	.07483	.55912	.49425	16.249	.45236	.56618	.05705

#1	3.6562	132.15	.40390	.00449	14.202	.45245	1.9469
#2	3.6523	131.11	.40108	.00356	14.111	.44885	1.9484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5695	.00539	.26617	8.5055	8.0261	.03883	8.0088
Stddev	.0282	.00065	.02057	.0009	.0272	.00078	.0413
%RSD	.37293	12.019	7.7281	.01022	.33913	1.9963	.51546

#1	7.5895	.00493	.25163	8.5049	8.0453	.03828	8.0380
#2	7.5496	.00585	.28072	8.5061	8.0068	.03938	7.9796

Sample Name: J6344-01 Acquired: 12/13/2018 19:18:30 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08696	7.008	.90605	2.7606	F<.00000
Stddev	.00075	.004	.01018	.1833	1.0014
%RSD	.85999	.0496	1.1234	6.6380	1.2935

#1	.08748	7.011	.91325	2.6310	-76.708
#2	.08643	7.006	.89885	2.8902	-78.124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.8	51833.	5301.8	94.689	3409.1
Stddev	8.0	193.	41.3	.071	11.6
%RSD	.21931	.37204	.77986	.07460	.34084

#1	3629.2	51696.	5272.6	94.639	3400.9
#2	3640.4	51969.	5331.1	94.739	3417.3

Sample Name: J6344-04 Acquired: 12/13/2018 19:22:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03124	-.01535	.07271	-.00099	.00169	90.824	.42713	.00437
Stddev	.00585	.00129	.00079	.00748	.00280	.101	.00406	.00011
%RSD	18.723	8.4241	1.0914	757.08	165.33	.11122	.95134	2.5000
#1	.02710	-.01443	.07327	-.00628	.00367	90.895	.42426	.00445
#2	.03538	-.01626	.07215	.00430	-.00029	90.752	.43001	.00429
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	F 3397.8	.09905	.01510	.02374	66.805	4.4806	1516.7
Stddev	.00006	85.2	.00046	.00008	.00023	.199	.0004	22.9
%RSD	5.7800	2.5079	.46446	.53856	.94885	.29830	.00973	1.5091
#1	.00097	3337.5	.09873	.01504	.02358	66.664	4.4809	1500.5
#2	.00105	3458.0	.09938	.01516	.02390	66.946	4.4803	1532.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04767	-.00130	8.1972	.14583	.14659	17.834	.00273	.19787
Stddev	.00018	.00048	.2072	.00128	.00066	.232	.00029	.00684
%RSD	.37814	36.922	2.5277	.87797	.45092	1.3032	10.777	3.4572
#1	.04754	-.00096	8.0507	.14674	.14705	17.670	.00294	.20270
#2	.04779	-.00165	8.3437	.14493	.14612	17.999	.00252	.19303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.012	1.3198	-.01190	2.6091	.16142	2.008	4.8652	9.4259
Stddev	.314	.0203	.00080	.0027	.00206	.012	.0778	.0594
%RSD	.64162	1.5383	6.6863	.10281	1.2765	.5859	1.5980	.63065
#1	48.790	1.3054	-.01247	2.6072	.15997	2.000	4.8103	9.3839
#2	49.234	1.3341	-.01134	2.6110	.16288	2.016	4.9202	9.4679

Sample Name: J6344-04 Acquired: 12/13/2018 19:22:20 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	28.808
Stddev	1.738
%RSD	6.0343

#1	27.579
#2	30.037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.7	40702.	4654.0	80.168	2529.1
Stddev	13.4	49.	71.0	.141	15.6
%RSD	.47628	.12104	1.5250	.17580	.61803

#1	2821.2	40667.	4704.2	80.267	2540.2
#2	2802.2	40736.	4603.8	80.068	2518.1

Sample Name: J6354-01 Acquired: 12/13/2018 19:26:22 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40310	-.01301	.57908	.03636	.00011	69.793	.79517
Stddev	.00354	.00237	.00316	.00677	.00378	.327	.00100
%RSD	.87827	18.246	.54488	18.626	3595.4	.46850	.12570

#1	.40059	-.01469	.58131	.03157	.00278	69.562	.79446
#2	.40560	-.01133	.57685	.04115	-.00257	70.024	.79588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00930	.00304	1300.9	.35391	.10554	.35865	205.52
Stddev	.00004	.00036	8.2	.00092	.00024	.00076	3.50
%RSD	.41665	11.781	.62671	.26128	.23015	.21208	1.7034

#1	.00932	.00329	1306.6	.35456	.10537	.35919	203.04
#2	.00927	.00278	1295.1	.35326	.10572	.35811	207.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2084	734.48	.18891	-.00076	3.3520	.48569	.91459
Stddev	.0017	3.41	.00150	.00142	.0204	.00309	.00523
%RSD	.05172	.46415	.79316	186.33	.60819	.63637	.57233

#1	3.2095	732.07	.18997	-.00176	3.3376	.48787	.91089
#2	3.2072	736.89	.18785	.00024	3.3665	.48350	.91829

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.140	.01265	.20492	F 16.252	3.1626	.02600	3.4186
Stddev	.047	.00067	.00145	.016	.0226	.00126	.0229
%RSD	.28906	5.2617	.70672	.09910	.71430	4.8596	.67015

#1	16.107	.01312	.20594	16.263	3.1786	.02511	3.4024
#2	16.173	.01218	.20389	16.240	3.1466	.02690	3.4348

Sample Name: J6354-01 Acquired: 12/13/2018 19:26:22 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13085	F 11.85	1.0860	4.9160	F<.00000
Stddev	.00131	.01	.0009	.1055	.17345
%RSD	1.0034	.0551	.08064	2.1467	1.2449

#1	.13178	11.85	1.0866	4.9906	-13.810
#2	.12992	11.85	1.0854	4.8414	-14.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3377.0	48591.	5321.4	85.669	2894.9
Stddev	4.4	92.	19.7	.788	.1
%RSD	.13091	.18887	.36955	.91948	.00320

#1	3380.2	48526.	5307.5	86.226	2895.0
#2	3373.9	48655.	5335.3	85.112	2894.9

Sample Name: J6322-22 Acquired: 12/13/2018 19:30:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-6-C-2-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	-.00388	.01040	.00254	-.00122	.08192	.38449	.00013
Stddev	.00133	.00232	.00054	.00103	.00023	.00776	.00100	.00005
%RSD	57.289	59.885	5.1819	40.426	18.589	9.4782	.26013	38.724
#1	-.00138	-.00224	.01002	.00326	-.00106	.07643	.38378	.00010
#2	-.00327	-.00552	.01078	.00181	-.00138	.08741	.38519	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	19.187	.00088	.00109	.00267	.01541	.56369	2.6714
Stddev	.00006	.092	.00062	.00012	.00008	.01734	.00004	.0545
%RSD	24.270	.48042	70.087	10.913	2.9351	112.52	.00632	2.0390
#1	.00020	19.122	.00132	.00117	.00261	.00315	.56367	2.7100
#2	.00029	19.252	.00044	.00100	.00272	.02767	.56372	2.6329
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00324	.00083	317.25	.00035	.15732	1.1658	-.00024	.02264
Stddev	.00037	.00024	3.40	.00027	.00116	.0259	.00024	.00735
%RSD	11.571	29.259	1.0726	76.128	.73705	2.2189	100.60	32.450
#1	.00297	.00100	314.84	.00016	.15650	1.1475	-.00041	.01745
#2	.00350	.00066	319.65	.00054	.15814	1.1841	-.00007	.02783
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42509	.73904	.00035	.00279	.00196	.0025	.07052	5.5722
Stddev	.00005	.00397	.00054	.00229	.00064	.0011	.00033	.0902
%RSD	.01090	.53670	153.14	82.059	32.529	43.05	.46642	1.6197
#1	.42506	.74185	.00074	.00441	.00241	.0017	.07029	5.5084
#2	.42512	.73624	-.00003	.00117	.00151	.0033	.07076	5.6360

Sample Name: J6322-22 Acquired: 12/13/2018 19:30:20 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-6-C-2-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8090
 Stddev .1643
 %RSD 9.0846

#1 1.6928
 #2 1.9252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.4	48981.	4911.4	102.46	3746.3
Stddev	3.3	121.	11.3	.80	6.9
%RSD	.09301	.24613	.23081	.77638	.18367

#1	3521.1	49066.	4903.4	103.03	3741.4
#2	3525.7	48895.	4919.5	101.90	3751.1

Sample Name: J6322-24 Acquired: 12/13/2018 19:34:28 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUP-6-C-1-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	-.00226	.00357	-.00054	-.00114	.07036	.38976	.00014
Stddev	.00134	.00001	.00054	.00213	.00045	.00829	.00003	.00003
%RSD	37.194	.61187	15.118	391.57	39.308	11.786	.00677	22.856

#1	-.00456	-.00227	.00319	-.00205	-.00145	.07623	.38978	.00011
#2	-.00266	-.00225	.00395	.00096	-.00082	.06450	.38974	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	11.270	.00235	-.00020	.00101	.03422	.06103	2.0406
Stddev	.00003	.071	.00007	.00002	.00007	.00138	.00026	.0497
%RSD	44.533	.62654	2.7961	8.0648	6.5755	4.0321	.42873	2.4337

#1	-.00004	11.220	.00239	-.00021	.00105	.03520	.06121	2.0054
#2	-.00007	11.320	.00230	-.00019	.00096	.03325	.06084	2.0757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	.00053	325.48	.00032	.11355	.72472	.00001	.02697
Stddev	.00000	.00087	.45	.00026	.00208	.00077	.00017	.00635
%RSD	.11125	165.63	.13756	80.842	1.8332	.10650	2098.1	23.531

#1	.00076	.00114	325.16	.00050	.11502	.72526	.00013	.02249
#2	.00076	-.00009	325.79	.00014	.11208	.72417	-.00011	.03146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21901	.56004	.00068	.00034	.00173	.0027	.04886	4.9904
Stddev	.00044	.00253	.00041	.00172	.00042	.0008	.00009	.3228
%RSD	.19898	.45226	60.394	505.96	24.080	30.42	.17820	6.4690

#1	.21932	.56184	.00039	-.00088	.00202	.0021	.04880	5.2187
#2	.21870	.55825	.00097	.00156	.00143	.0033	.04892	4.7622

Sample Name: J6322-24 Acquired: 12/13/2018 19:34:28 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUP-6-C-1-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4115
 Stddev .3049
 %RSD 21.598

#1 1.6271
 #2 1.1959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.3	49235.	4961.8	102.13	3761.0
Stddev	19.0	473.	33.8	1.83	7.7
%RSD	.53582	.96149	.68211	1.7944	.20534

#1	3523.9	48900.	4937.8	100.83	3755.5
#2	3550.7	49569.	4985.7	103.43	3766.4

Sample Name: J6331-06 Acquired: 12/13/2018 19:38:37 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00463	-.00335	.07763	.00263	-.00248	.07790	.17709	.00006
Stddev	.00111	.00161	.00275	.00342	.00011	.00151	.00091	.00002
%RSD	24.022	48.027	3.5383	130.12	4.5560	1.9349	.51294	26.369

#1	-.00384	-.00221	.07569	.00505	-.00256	.07684	.17644	.00008
#2	-.00542	-.00449	.07957	.00021	-.00240	.07897	.17773	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	64.292	.00044	.00045	.01295	.00950	.33472	2.6656
Stddev	.00006	.310	.00012	.00001	.00060	.03133	.00055	.0430
%RSD	3.5561	.48213	27.063	3.2872	4.6195	329.85	.16322	1.6119

#1	.00179	64.073	.00036	.00044	.01252	-.01265	.33511	2.6352
#2	.00171	64.511	.00053	.00046	.01337	.03165	.33434	2.6960

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	.00080	323.60	-.00002	.11427	2.1531	-.00009	.00910
Stddev	.00094	.00015	3.33	.00007	.00414	.0107	.00023	.00481
%RSD	35.675	18.805	1.0292	372.24	3.6187	.49591	251.68	52.857

#1	.00331	.00091	321.24	.00003	.11719	2.1455	.00007	.00570
#2	.00198	.00070	325.95	-.00007	.11135	2.1606	-.00026	.01250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6483	.78906	-.00017	-.00263	.00524	.0310	.25412	5.6902
Stddev	.0316	.00086	.00001	.00103	.00087	.0007	.00147	.3488
%RSD	1.9143	.10871	5.4233	39.037	16.683	2.406	.57888	6.1297

#1	1.6260	.78845	-.00018	-.00190	.00586	.0315	.25308	5.4436
#2	1.6706	.78967	-.00016	-.00335	.00463	.0304	.25516	5.9369

Sample Name: J6331-06 Acquired: 12/13/2018 19:38:37 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9944
Stddev	.3525
%RSD	17.676

#1	1.7451
#2	2.2436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3433.0	48505.	4898.7	99.439	3653.3
Stddev	56.8	246.	3.6	3.950	60.8
%RSD	1.6542	.50786	.07307	3.9726	1.6637

#1	3473.1	48679.	4896.1	96.645	3696.3
#2	3392.8	48331.	4901.2	102.23	3610.3

Sample Name: J6331-12 Acquired: 12/13/2018 19:42:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	-.00177	.00234	.00306	-.00029	.04309	.27711	.00015
Stddev	.00294	.00005	.00055	.00213	.00037	.01034	.00153	.00000
%RSD	721.13	2.6100	23.625	69.602	129.66	24.003	.55261	2.2086

#1	-.00249	-.00180	.00195	.00457	-.00055	.03577	.27820	.00015
#2	.00167	-.00174	.00273	.00156	-.00002	.05040	.27603	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	11.324	.00094	-.00012	.00367	.01681	.02871	2.0795
Stddev	.00006	.076	.00003	.00008	.00013	.02147	.00035	.0291
%RSD	30.359	.67218	3.4508	66.686	3.6213	127.75	1.2174	1.3980

#1	-.00026	11.378	.00092	-.00006	.00358	.00162	.02896	2.1001
#2	-.00017	11.270	.00096	-.00017	.00377	.03199	.02847	2.0590

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00043	329.72	.00037	.01413	1.2113	.00005	.01160
Stddev	.00032	.00004	1.50	.00019	.00029	.0145	.00012	.01119
%RSD	173.69	8.3669	.45515	51.560	2.0770	1.1969	225.96	96.522

#1	.00041	.00045	330.78	.00024	.01392	1.2011	-.00003	.01951
#2	-.00004	.00040	328.65	.00051	.01433	1.2216	.00014	.00368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35478	.44374	.00023	.00242	.00577	.0401	.03936	5.0842
Stddev	.00182	.00862	.00025	.00077	.00064	.0006	.00085	.1306
%RSD	.51201	1.9429	108.11	31.789	11.118	1.447	2.1503	2.5688

#1	.35607	.44984	.00041	.00187	.00532	.0405	.03996	5.1766
#2	.35350	.43764	.00005	.00296	.00622	.0397	.03876	4.9919

Sample Name: J6331-12 Acquired: 12/13/2018 19:42:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5064
Stddev	.6252
%RSD	41.501

#1	1.9485
#2	1.0644

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.2	49208.	4971.3	102.60	3802.5
Stddev	26.2	147.	33.8	.47	28.9
%RSD	.73308	.29928	.68003	.45373	.76045

#1	3551.7	49104.	4947.4	102.93	3782.1
#2	3588.7	49313.	4995.2	102.27	3823.0

Sample Name: J6331-18 Acquired: 12/13/2018 19:46:57 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00413	-.00244	.01949	.00116	-.00286	.07189	.11739	.00025
Stddev	.00151	.00018	.00007	.00030	.00154	.00517	.00002	.00003
%RSD	36.591	7.1891	.36780	25.812	53.694	7.1876	.01799	14.017

#1	-.00306	-.00256	.01944	.00095	-.00395	.06823	.11740	.00022
#2	-.00520	-.00232	.01954	.00137	-.00178	.07554	.11737	.00027

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	10.504	.00091	-.00022	.00614	.01250	.07778	2.1381
Stddev	.00000	.026	.00023	.00009	.00016	.00168	.00084	.0208
%RSD	5.6568	.24302	25.647	39.427	2.6757	13.426	1.0846	.97271

#1	.00003	10.522	.00108	-.00028	.00602	.01132	.07718	2.1234
#2	.00003	10.486	.00075	-.00016	.00625	.01369	.07837	2.1528

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00029	294.20	-.00021	.01698	1.3083	.00008	.00876
Stddev	.00046	.00064	.25	.00014	.00044	.0046	.00004	.00388
%RSD	201.22	217.84	.08356	68.307	2.5801	.34786	49.601	44.287

#1	.00056	.00075	294.38	-.00011	.01729	1.3115	.00005	.00602
#2	-.00010	-.00016	294.03	-.00031	.01667	1.3051	.00011	.01150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0219	.42937	-.00133	.00229	.00676	.0192	.04906	5.3210
Stddev	.0058	.00023	.00137	.00313	.00123	.0001	.00004	.0649
%RSD	.57136	.05419	102.29	137.14	18.240	.7098	.09090	1.2207

#1	1.0178	.42920	-.00037	.00450	.00589	.0193	.04902	5.3669
#2	1.0260	.42953	-.00230	.00007	.00764	.0191	.04909	5.2750

Sample Name: J6331-18 Acquired: 12/13/2018 19:46:57 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.78782
Stddev	.14326
%RSD	18.184

#1	.88912
#2	.68652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.7	49346.	4931.0	101.58	3811.8
Stddev	1.3	100.	47.5	2.22	16.5
%RSD	.03751	.20176	.96418	2.1811	.43175

#1	3557.8	49276.	4897.3	100.02	3823.4
#2	3559.7	49416.	4964.6	103.15	3800.1

Sample Name: J6331-24 Acquired: 12/13/2018 19:51:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	-.00361	.01826	.00095	-.00190	.06776	.20562	.00014
Stddev	.00263	.00128	.00086	.00220	.00112	.00364	.00061	.00003
%RSD	57.047	35.420	4.7056	231.37	58.808	5.3718	.29632	22.346

#1	-.00275	-.00271	.01766	.00251	-.00111	.06519	.20605	.00016
#2	-.00647	-.00451	.01887	-.00061	-.00269	.07034	.20519	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	12.871	.00973	-.00007	.00958	.05724	.06218	1.9165
Stddev	.00001	.025	.00044	.00030	.00043	.00216	.00024	.0231
%RSD	3.4181	.19272	4.4930	406.99	4.4994	3.7724	.38310	1.2030

#1	.00023	12.853	.01004	.00014	.00989	.05572	.06235	1.9002
#2	.00025	12.888	.00942	-.00029	.00928	.05877	.06201	1.9328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	.00024	321.39	.00019	.04410	1.3463	-.00028	.00666
Stddev	.00105	.00002	1.49	.00037	.00010	.0151	.00007	.01844
%RSD	23.088	7.9085	.46256	196.37	.22769	1.1183	24.542	276.80

#1	.00531	.00023	322.44	.00045	.04403	1.3356	-.00023	.01971
#2	.00382	.00026	320.34	-.00007	.04417	1.3569	-.00033	-.00638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47404	.57135	.00005	.00118	.00628	.0342	.08089	5.3294
Stddev	.00817	.00023	.00000	.00193	.00025	.0001	.00035	.0582
%RSD	1.7237	.04021	7.8966	163.44	4.0321	.3999	.42846	1.0927

#1	.46826	.57119	.00005	.00255	.00610	.0341	.08064	5.2882
#2	.47982	.57151	.00005	-.00018	.00645	.0342	.08113	5.3705

Sample Name: J6331-24 Acquired: 12/13/2018 19:51:08 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6185
Stddev	.1953
%RSD	12.065

#1	1.4804
#2	1.7566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3560.1	49496.	4985.4	101.81	3788.6
Stddev	3.9	329.	27.8	.55	7.2
%RSD	.10980	.66532	.55851	.54406	.18952

#1	3557.3	49263.	4965.7	101.42	3793.7
#2	3562.8	49729.	5005.1	102.20	3783.5

Sample Name: CCV08 Acquired: 12/13/2018 19:55:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7776 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9985	4.8181	4.9267	4.8400	4.9731	9.8084	9.9611	.24925
Stddev	.0848	.0921	.0901	.0721	.0908	.0344	.1491	.00028
%RSD	1.6976	1.9108	1.8290	1.4899	1.8260	.35096	1.4972	.11068
#1	4.9385	4.7530	4.8630	4.7890	4.9089	9.8327	9.8556	.24905
#2	5.0585	4.8832	4.9904	4.8910	5.0373	9.7840	10.067	.24944
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4190	25.473	1.0069	2.4377	1.2372	4.7712	2.5072	24.975
Stddev	.0408	.292	.0034	.0443	.0210	.0443	.0066	.353
%RSD	1.6848	1.1456	.33649	1.8169	1.6986	.92901	.26143	1.4133
#1	2.3902	25.267	1.0045	2.4063	1.2223	4.7398	2.5025	24.725
#2	2.4478	25.679	1.0093	2.4690	1.2521	4.8025	2.5118	25.224
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3907	1.2760	24.007	2.3899	2.5227	24.668	5.0358	4.8326
Stddev	.0407	.0013	.345	.0047	.0455	.358	.0871	.0137
%RSD	1.7024	.10363	1.4377	.19803	1.8023	1.4525	1.7291	.28245
#1	2.3619	1.2751	23.763	2.3865	2.4906	24.415	4.9742	4.8230
#2	2.4195	1.2769	24.251	2.3932	2.5549	24.922	5.0974	4.8423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8050	5.1243	4.8978	4.9431	4.8555	4.783	5.0957	5.0960
Stddev	.0955	.1124	.0818	.0611	.0807	.075	.0875	.0312
%RSD	1.9868	2.1925	1.6693	1.2363	1.6626	1.575	1.7177	.61177
#1	4.7375	5.0448	4.8400	4.8999	4.7984	4.730	5.0338	5.0740
#2	4.8725	5.2037	4.9556	4.9863	4.9125	4.836	5.1576	5.1181

Sample Name: CCV08 Acquired: 12/13/2018 19:55:18 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7776 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9424
Stddev	.1263
%RSD	4.2927

#1	3.0317
#2	2.8530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.6	50744.	4965.0	101.78	3886.3
Stddev	48.8	20.	85.5	1.56	56.5
%RSD	1.3250	.03894	1.7224	1.5281	1.4539

#1	3714.0	50730.	5025.5	102.88	3926.3
#2	3645.1	50758.	4904.5	100.68	3846.4

Sample Name: CCB08 Acquired: 12/13/2018 19:59:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14313 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	.00035	.00170	-.00086	-.00163	.00281	.00198
Stddev	.00217	.00111	.00106	.00364	.00137	.01553	.00003
%RSD	234.32	316.67	62.332	424.75	83.878	552.02	1.4951

#1	-.00246	.00114	.00245	.00172	-.00066	-.00817	.00200
#2	.00061	-.00044	.00095	-.00343	-.00259	.01379	.00195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00002	.00821	-.00007	-.00011	.00024	.00118
Stddev	.00007	.00004	.02128	.00045	.00004	.00021	.01269
%RSD	112.49	206.39	259.27	640.47	37.598	86.712	1077.8

#1	.00001	.00001	-.00684	.00025	-.00014	.00009	-.00779
#2	.00010	-.00005	.02325	-.00039	-.00008	.00039	.01015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00463	-.00085	-.00008	.01558	-.00025	-.00368
Stddev	.00004	.01234	.00027	.00047	.00464	.00083	.00001
%RSD	19.063	266.53	31.945	599.43	29.775	324.83	.28467

#1	.00026	-.01335	-.00105	.00025	.01886	.00033	-.00368
#2	.00020	.00410	-.00066	-.00041	.01230	-.00084	-.00369

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05635	.00041	-.00987	F -.01100	-.00320	-.00029	.00157
Stddev	.00144	.00008	.01239	.00215	.00001	.00079	.00323
%RSD	2.5598	19.189	125.50	19.538	.20520	275.62	205.49

#1	.05533	.00035	-.00111	-.01253	-.00321	.00027	-.00071
#2	.05737	.00046	-.01863	-.00948	-.00320	-.00085	.00385

Sample Name: CCB08 Acquired: 12/13/2018 19:59:04 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14313 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.0037	-.00030	F 3.7675	F .05582
Stddev	.00046	.0004	.00021	.3488	.11386
%RSD	49.230	11.40	70.370	9.2573	203.98

#1	.00127	-.0040	-.00015	4.0141	-.02469
#2	.00061	-.0034	-.00045	3.5209	.13633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.4	52610.	5023.5	105.64	4369.0
Stddev	7.9	1036.	28.5	2.32	6.2
%RSD	.20760	1.9685	.56822	2.1922	.14150

#1	3794.8	51878.	5043.7	104.00	4364.7
#2	3806.0	53342.	5003.4	107.28	4373.4

Sample Name: J6331-30 Acquired: 12/13/2018 20:03:09 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00461	-.00265	.01289	.00207	-.00166	.04028	.19582	.00004
Stddev	.00317	.00022	.00077	.00188	.00116	.00065	.00053	.00001
%RSD	68.668	8.3357	5.9726	90.745	70.093	1.6151	.27314	26.321

#1	-.00686	-.00249	.01234	.00074	-.00249	.04074	.19545	.00005
#2	-.00237	-.00281	.01343	.00341	-.00084	.03982	.19620	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.2154	.00101	-.00046	.00645	.01799	.02109	1.3007
Stddev	.00004	.0386	.00018	.00011	.00006	.00220	.00002	.0033
%RSD	349.84	.62191	17.490	24.834	.85324	12.211	.09514	.25315

#1	.00004	6.2427	.00114	-.00054	.00641	.01955	.02107	1.2984
#2	-.00002	6.1880	.00089	-.00038	.00649	.01644	.02110	1.3031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00032	305.02	.00055	.01648	1.0752	.00021	.00283
Stddev	.00064	.00021	3.62	.00025	.00044	.0147	.00026	.00094
%RSD	190.31	65.887	1.1883	45.446	2.6694	1.3671	120.74	33.171

#1	-.00012	.00047	307.58	.00073	.01679	1.0856	.00040	.00217
#2	.00078	.00017	302.46	.00037	.01617	1.0648	.00003	.00350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37729	.26634	-.00021	.00115	.00376	.0308	.03231	5.4252
Stddev	.00715	.00368	.00007	.00077	.00111	.0027	.00015	.0041
%RSD	1.8946	1.3813	32.980	66.525	29.522	8.865	.45459	.07598

#1	.38234	.26894	-.00016	.00170	.00297	.0327	.03241	5.4223
#2	.37224	.26374	-.00026	.00061	.00454	.0289	.03221	5.4282

Sample Name: J6331-30 Acquired: 12/13/2018 20:03:09 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91008
Stddev .48731
%RSD 53.546

#1 .56550
#2 1.2547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.8	49458.	4957.0	101.82	3839.7
Stddev	5.0	16.	63.0	1.46	2.0
%RSD	.13920	.03275	1.2715	1.4294	.05263

#1	3594.3	49469.	4912.4	100.79	3838.3
#2	3601.4	49446.	5001.6	102.85	3841.1

Sample Name: J6331-36 Acquired: 12/13/2018 20:07:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00152	.00202	.00349	-.00090	.06791	.11020	.00019
Stddev	.00345	.00043	.00014	.00017	.00175	.01113	.00015	.00003
%RSD	274.08	27.954	6.7825	4.7642	194.32	16.394	.13676	14.581

#1	.00370	-.00122	.00211	.00337	.00034	.07578	.11030	.00017
#2	-.00118	-.00183	.00192	.00360	-.00214	.06003	.11009	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	8.2711	.00319	-.00019	.00307	.02748	.08702	2.0230
Stddev	.00006	.0909	.00013	.00004	.00003	.00051	.00016	.0853
%RSD	64.979	1.0986	4.0994	20.674	.99233	1.8537	.18860	4.2188

#1	-.00014	8.3354	.00310	-.00021	.00305	.02784	.08713	2.0833
#2	-.00005	8.2069	.00328	-.00016	.00309	.02712	.08690	1.9626

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	.00076	309.34	.00039	.00938	1.1852	-.00004	-.00300
Stddev	.00050	.00013	.94	.00001	.00016	.0469	.00013	.00249
%RSD	26.793	16.853	.30425	2.4143	1.7561	3.9542	288.51	82.899

#1	.00220	.00067	308.68	.00038	.00949	1.1521	.00005	-.00476
#2	.00150	.00085	310.01	.00040	.00926	1.2184	-.00013	-.00124

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66360	.30212	-.00073	.00315	.00805	.0254	.01988	4.7757
Stddev	.00127	.00458	.00076	.00044	.00043	.0013	.00004	.0775
%RSD	.19149	1.5167	103.41	13.978	5.3091	4.948	.22331	1.6226

#1	.66270	.30536	-.00020	.00346	.00835	.0263	.01991	4.8305
#2	.66450	.29888	-.00127	.00284	.00775	.0245	.01985	4.7209

Sample Name: J6331-36 Acquired: 12/13/2018 20:07:20 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0722
 Stddev .0922
 %RSD 4.4475

#1 2.1374
 #2 2.0070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3629.8	50075.	4974.9	105.43	3853.9
Stddev	1.7	225.	53.3	1.51	3.2
%RSD	.04570	.44994	1.0722	1.4308	.08365

#1	3628.6	49916.	4937.2	104.37	3851.7
#2	3631.0	50234.	5012.7	106.50	3856.2

Sample Name: J6331-42 Acquired: 12/13/2018 20:11:30 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00311	-.00368	.01146	.00287	-.00218	.08163	.18630	.00011
Stddev	.00063	.00010	.00004	.00368	.00161	.00286	.00023	.00002
%RSD	20.393	2.7142	.32239	128.34	73.686	3.4976	.12264	16.855

#1	-.00356	-.00375	.01143	.00027	-.00332	.08365	.18646	.00013
#2	-.00266	-.00361	.01148	.00547	-.00104	.07961	.18614	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	11.858	.00098	-.00043	.00395	.01405	.01822	1.7955
Stddev	.00004	.008	.00062	.00015	.00029	.00760	.00015	.0531
%RSD	31.215	.06604	63.240	33.783	7.2882	54.064	.84714	2.9585

#1	-.00009	11.864	.00142	-.00033	.00415	.01942	.01811	1.7580
#2	-.00015	11.853	.00054	-.00053	.00375	.00868	.01833	1.8331

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00071	313.17	.00070	.01933	1.1366	.00006	.00272
Stddev	.00011	.00048	4.58	.00054	.00013	.0153	.00003	.00400
%RSD	96.824	68.031	1.4615	76.058	.68387	1.3419	50.937	146.82

#1	.00003	.00105	309.94	.00033	.01942	1.1258	.00004	.00555
#2	.00018	.00037	316.41	.00108	.01923	1.1474	.00008	-.00010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47232	.40542	-.00089	.00320	.00629	.0345	.04792	4.7927
Stddev	.00686	.00662	.00076	.00154	.00145	.0001	.00012	.1713
%RSD	1.4532	1.6325	85.622	48.285	23.106	.3698	.26056	3.5737

#1	.47717	.41010	-.00035	.00429	.00526	.0346	.04784	4.9139
#2	.46747	.40074	-.00143	.00211	.00732	.0344	.04801	4.6716

Sample Name: J6331-42 Acquired: 12/13/2018 20:11:30 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9794
Stddev	.1431
%RSD	7.2309

#1	2.0806
#2	1.8782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.4	49878.	4933.4	103.43	3821.9
Stddev	4.0	187.	39.8	.29	9.4
%RSD	.10999	.37496	.80642	.27916	.24573

#1	3603.6	49746.	4905.3	103.23	3815.3
#2	3609.2	50011.	4961.6	103.63	3828.6

Sample Name: J6189-02 Acquired: 12/13/2018 20:15:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00312	.01813	.00423	-.00347	.08702	.11676	.00009
Stddev	.00167	.00060	.00032	.00009	.00038	.00674	.00077	.00004
%RSD	134.66	19.301	1.7636	2.1170	10.925	7.7435	.65632	46.880

#1	-.00242	-.00270	.01790	.00429	-.00374	.08226	.11621	.00006
#2	-.00006	-.00355	.01835	.00416	-.00320	.09179	.11730	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	30.708	.00085	.00561	.01072	.54876	.50521	1.8427
Stddev	.00006	.561	.00028	.00005	.00020	.01057	.00076	.0279
%RSD	22.734	1.8259	32.424	.87865	1.8542	1.9258	.15057	1.5148

#1	.00022	30.312	.00104	.00558	.01086	.54129	.50575	1.8229
#2	.00030	31.105	.00065	.00565	.01058	.55623	.50467	1.8624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00891	.00064	311.81	.00052	.06855	.85248	-.00009	.00035
Stddev	.00022	.00016	1.41	.00058	.00087	.00422	.00046	.00581
%RSD	2.4332	24.673	.45136	111.53	1.2684	.49454	490.24	1671.1

#1	.00906	.00075	310.82	.00092	.06793	.85546	.00023	.00446
#2	.00875	.00053	312.81	.00011	.06916	.84950	-.00042	-.00376

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35197	.77849	-.00069	.00282	.00247	.0039	.12638	5.0193
Stddev	.00048	.00388	.00073	.00157	.00155	.0010	.00186	.2176
%RSD	.13521	.49780	105.66	55.748	62.862	26.19	1.4681	4.3356

#1	.35231	.77575	-.00120	.00393	.00137	.0032	.12507	5.1731
#2	.35164	.78123	-.00017	.00171	.00356	.0047	.12770	4.8654

Sample Name: J6189-02 Acquired: 12/13/2018 20:15:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0121
Stddev .8452
%RSD 42.005

#1 2.6097
#2 1.4145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.8	49907.	4980.5	104.10	3797.5
Stddev	.1	132.	39.9	.65	7.3
%RSD	.00144	.26532	.80138	.62265	.19111

#1	3595.9	49813.	5008.8	104.56	3802.7
#2	3595.8	50000.	4952.3	103.64	3792.4

Sample Name: J6189-02DUP Acquired: 12/13/2018 20:19:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 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	-.00365	.01817	.00365	-.00143	.09136	.11719	.00016
Stddev	.00331	.00153	.00071	.00371	.00003	.01043	.00104	.00005
%RSD	794.73	41.826	3.9048	101.66	2.2777	11.415	.88792	34.384

#1	-.00192	-.00473	.01868	.00627	-.00145	.09874	.11645	.00019
#2	.00275	-.00257	.01767	.00103	-.00140	.08399	.11792	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	30.885	.00198	.00541	.01067	.59792	.50857	1.8258
Stddev	.00006	.406	.00053	.00011	.00000	.02342	.00007	.0075
%RSD	37.106	1.3138	26.995	2.0128	.03098	3.9168	.01365	.41259

#1	.00013	30.598	.00235	.00549	.01067	.58136	.50852	1.8312
#2	.00022	31.172	.00160	.00534	.01068	.61448	.50862	1.8205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00891	.00077	310.33	.00017	.07037	.85692	.00000	.00106
Stddev	.00008	.00034	1.33	.00067	.00009	.00159	.00016	.00775
%RSD	.84600	44.255	.42790	389.21	.13306	.18583	4210.2	727.95

#1	.00886	.00053	311.27	.00064	.07044	.85579	.00011	.00654
#2	.00897	.00101	309.39	-.00030	.07030	.85805	-.00011	-.00441

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36226	.77599	-.00086	.00226	.00315	.0052	.12718	5.2028
Stddev	.00211	.00275	.00118	.00157	.00006	.0013	.00083	.2764
%RSD	.58113	.35469	137.58	69.677	1.8321	24.57	.64880	5.3127

#1	.36077	.77794	-.00170	.00115	.00319	.0061	.12660	5.0073
#2	.36375	.77405	-.00002	.00337	.00311	.0043	.12777	5.3982

Sample Name: J6189-02DUP Acquired: 12/13/2018 20:19:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2838
Stddev	.1048
%RSD	4.5884

#1	2.2097
#2	2.3579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.9	49837.	5028.7	102.46	3810.5
Stddev	14.0	79.	5.4	.11	42.4
%RSD	.38898	.15785	.10808	.10352	1.1122

#1	3609.8	49782.	5024.8	102.38	3840.5
#2	3590.0	49893.	5032.5	102.53	3780.6

Sample Name: J6189-02LX5 Acquired: 12/13/2018 20:23:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00028	.00436	-.00024	-.00180	.01719	.02443	.00010
Stddev	.00072	.00138	.00024	.00171	.00001	.00646	.00028	.00004
%RSD	73.977	488.03	5.4479	719.78	.35983	37.582	1.1385	44.209

#1	.00047	-.00126	.00452	-.00145	-.00180	.01262	.02463	.00013
#2	.00149	.00069	.00419	.00097	-.00181	.02176	.02423	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	6.2314	.00027	.00119	.00208	.12136	.10578	.33485
Stddev	.00001	.2932	.00043	.00011	.00069	.00899	.00023	.08319
%RSD	25.827	4.7055	161.55	9.6296	33.219	7.4071	.21850	24.845

#1	-.00004	6.0241	.00058	.00127	.00159	.11500	.10594	.27603
#2	-.00003	6.4387	-.00004	.00111	.00257	.12772	.10561	.39368

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00089	63.308	.00055	.01077	.22503	-.00028	.00205
Stddev	.00001	.00038	2.266	.00042	.00023	.01260	.00031	.01197
%RSD	3.0167	43.208	3.5792	75.568	2.1090	5.6009	110.67	583.80

#1	.00034	.00116	61.706	.00026	.01061	.21612	-.00006	-.00641
#2	.00033	.00062	64.911	.00085	.01093	.23394	-.00049	.01051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06201	.16304	-.00054	.00113	.00119	-.0024	.02517	3.9622
Stddev	.00108	.00867	.00059	.00014	.00009	.0003	.00101	.2909
%RSD	1.7414	5.3201	110.10	11.967	7.8064	10.89	4.0095	7.3428

#1	.06125	.15691	-.00012	.00103	.00112	-.0025	.02446	4.1679
#2	.06277	.16918	-.00096	.00122	.00126	-.0022	.02589	3.7565

Sample Name: J6189-02LX5 Acquired: 12/13/2018 20:23:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.18241
Stddev	.53464
%RSD	293.10

#1	.56046
#2	-.19564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.8	52071.	5105.0	108.42	4099.5
Stddev	16.6	203.	99.3	.84	2.6
%RSD	.44196	.38954	1.9453	.77723	.06343

#1	3735.1	51928.	5175.2	109.02	4097.6
#2	3758.5	52215.	5034.8	107.83	4101.3

Sample Name: J6189-02MS Acquired: 12/13/2018 20:28:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 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	.86077	1.9640	1.0534	2.1093	.85423	2.2525	.35004	.21530	.20829
Stddev	.00152	.0090	.0047	.0066	.00110	.0340	.00052	.00048	.00106
%RSD	.17607	.45689	.44569	.31500	.12868	1.5084	.14817	.22514	.50697

#1	.86184	1.9577	1.0501	2.1140	.85345	2.2285	.34968	.21496	.20754
#2	.85969	1.9704	1.0567	2.1046	.85500	2.2766	.35041	.21565	.20904

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.067	.44551	.22095	.33156	3.7977	.76706	4.1129	.53552	.07811
Stddev	.245	.00121	.00023	.00061	.0407	.00113	.0458	.00045	.00093
%RSD	.69966	.27254	.10242	.18469	1.0726	.14690	1.1134	.08439	1.1852

#1	34.893	.44637	.22079	.33199	3.7689	.76627	4.0805	.53584	.07746
#2	35.240	.44465	.22111	.33113	3.8265	.76786	4.1453	.53520	.07877

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	347.34	.32643	.28994	12.499	.44255	.30531	.37414	1.8572	.72249
Stddev	.98	.00225	.00076	.017	.00003	.00230	.00277	.0004	.00321
%RSD	.28207	.68879	.26255	.13717	.00633	.75432	.74031	.01859	.44433

#1	346.65	.32484	.29048	12.511	.44257	.30694	.37218	1.8570	.72022
#2	348.03	.32802	.28940	12.487	.44253	.30369	.37610	1.8575	.72476

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21469	.22903	6.125	.35211	5.2282	.75544
Stddev	.00308	.00115	.006	.00220	.0258	.05600
%RSD	1.4325	.50223	.0952	.62379	.49359	7.4126

#1	.21252	.22822	6.121	.35056	5.2465	.71584
#2	.21687	.22985	6.130	.35366	5.2100	.79503

Sample Name: J6189-02MS Acquired: 12/13/2018 20:28:04 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-121118 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	3594.7	49681.	4894.8	102.33	3779.4
Stddev	9.2	22.	23.5	.56	.8
%RSD	.25567	.04351	.47917	.54299	.02180
#1	3588.2	49696.	4878.2	101.94	3778.8
#2	3601.2	49666.	4911.4	102.72	3780.0

Sample Name: J6189-02MSD Acquired: 12/13/2018 20:32:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 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	.86322	1.9633	1.0424	2.1057	.85153	2.2803	.35196	.21611	.20737
Stddev	.00004	.0099	.0095	.0132	.00476	.0049	.00127	.00075	.00155
%RSD	.00431	.50223	.90800	.62597	.55950	.21368	.36085	.34594	.74771

#1	.86325	1.9563	1.0357	2.0964	.84816	2.2768	.35106	.21663	.20627
#2	.86320	1.9703	1.0491	2.1150	.85490	2.2837	.35285	.21558	.20846

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.454	.45307	.21906	.32769	3.8634	.77164	4.2633	.53278	.07857
Stddev	.144	.00105	.00100	.00103	.0475	.00111	.0463	.00393	.00084
%RSD	.40477	.23273	.45689	.31547	1.2288	.14346	1.0868	.73768	1.0663

#1	35.353	.45381	.21835	.32696	3.8298	.77085	4.2305	.53001	.07916
#2	35.556	.45232	.21977	.32843	3.8970	.77242	4.2960	.53556	.07798

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	346.24	.32843	.29330	12.588	.43971	.31151	.37071	1.8802	.71690
Stddev	3.63	.00120	.00257	.141	.00296	.00028	.00215	.0036	.00592
%RSD	1.0479	.36671	.87622	1.1177	.67282	.08979	.58039	.18911	.82515

#1	343.68	.32928	.29149	12.489	.43762	.31171	.36918	1.8777	.71272
#2	348.81	.32758	.29512	12.688	.44180	.31132	.37223	1.8827	.72109

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21280	.23267	6.105	.35564	5.6898	.41299
Stddev	.00350	.00083	.039	.00048	.0785	.43389
%RSD	1.6436	.35473	.6419	.13481	1.3799	105.06

#1	.21033	.23209	6.078	.35598	5.7453	.10618
#2	.21528	.23326	6.133	.35531	5.6342	.71979

Sample Name: J6189-02MSD Acquired: 12/13/2018 20:32:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 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	3607.8	49344.	4865.3	100.94	3793.9
Stddev	8.9	123.	6.8	.84	16.1
%RSD	.24776	.24869	.14020	.83538	.42565
#1	3614.1	49257.	4870.1	101.54	3805.3
#2	3601.5	49431.	4860.4	100.35	3782.4

Sample Name: J6189-02A Acquired: 12/13/2018 20:35:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7788 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	.85566	1.9485	1.0345	2.0873	.84034	2.2506	.34843	.21412	.20582
Stddev	.01057	.0215	.0141	.0199	.01254	.0065	.00113	.00027	.00237
%RSD	1.2353	1.1039	1.3623	.95208	1.4918	.28885	.32353	.12809	1.1529

#1	.84818	1.9333	1.0246	2.0732	.83147	2.2552	.34923	.21392	.20414
#2	.86313	1.9637	1.0445	2.1013	.84920	2.2460	.34764	.21431	.20749

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.065	.44702	.21791	.32790	3.8130	.76381	4.1802	.52881	.07694
Stddev	.158	.00052	.00291	.00367	.0231	.00218	.0296	.00739	.00034
%RSD	.45012	.11552	1.3341	1.1192	.60661	.28512	.70751	1.3979	.44651

#1	35.177	.44738	.21585	.32530	3.8294	.76227	4.1593	.52359	.07718
#2	34.953	.44665	.21997	.33049	3.7967	.76535	4.2011	.53404	.07670

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	341.89	.32665	.29045	12.459	.43749	.31005	.36674	1.8555	.71257
Stddev	3.97	.00094	.00241	.011	.00506	.00719	.00559	.0066	.01027
%RSD	1.1603	.28892	.82882	.09080	1.1561	2.3187	1.5229	.35675	1.4416

#1	339.08	.32598	.29216	12.451	.43392	.30497	.36279	1.8602	.70531
#2	344.69	.32732	.28875	12.467	.44107	.31514	.37069	1.8508	.71983

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21117	.22862	6.059	.35004	5.2763	.15416
Stddev	.00273	.00147	.062	.00043	.0274	.80469
%RSD	1.2942	.64261	1.027	.12257	.51862	521.99

#1	.21311	.22966	6.015	.35035	5.2957	.72316
#2	.20924	.22759	6.103	.34974	5.2570	-.41484

Sample Name: J6189-02A Acquired: 12/13/2018 20:35:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7788 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	3640.4	49899.	4923.7	101.94	3832.0
Stddev	27.2	148.	31.6	1.12	38.1
%RSD	.74842	.29657	.64254	1.0972	.99465
#1	3659.7	49794.	4901.3	101.15	3859.0
#2	3621.2	50003.	4946.1	102.73	3805.1

Sample Name: J6189-04 Acquired: 12/13/2018 20:39:55 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00332	-.00255	.01098	.00552	-.00274	.09859	.11852	.00018
Stddev	.00120	.00067	.00036	.00112	.00040	.00781	.00058	.00003
%RSD	36.220	26.271	3.2848	20.302	14.717	7.9202	.48532	19.071

#1	-.00247	-.00208	.01124	.00632	-.00302	.10411	.11812	.00016
#2	-.00417	-.00302	.01073	.00473	-.00245	.09307	.11893	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	61.830	.00300	.00742	.00540	.93022	.95283	3.9322
Stddev	.00002	.081	.00004	.00003	.00057	.00830	.00013	.0040
%RSD	9.0047	.13156	1.2786	.43543	10.560	.89227	.01395	.10234

#1	.00018	61.888	.00298	.00745	.00581	.92435	.95274	3.9293
#2	.00021	61.773	.00303	.00740	.00500	.93609	.95293	3.9350

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	.00061	367.13	.00088	.02774	1.7914	.00012	.00471
Stddev	.00016	.00028	2.79	.00012	.00050	.0263	.00012	.00427
%RSD	3.3542	46.207	.75860	13.268	1.8021	1.4674	106.47	90.587

#1	.00460	.00041	365.16	.00096	.02809	1.7728	.00020	.00773
#2	.00482	.00081	369.09	.00080	.02738	1.8100	.00003	.00169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68005	.77467	-.00009	.00244	.00563	.0021	.19254	5.4109
Stddev	.00074	.00309	.00095	.00018	.00342	.0017	.00019	.0324
%RSD	.10931	.39890	1106.2	7.1893	60.849	83.63	.09920	.59831

#1	.68058	.77686	-.00076	.00231	.00321	.0033	.19240	5.4338
#2	.67953	.77249	.00059	.00256	.00805	.0008	.19267	5.3880

Sample Name: J6189-04 Acquired: 12/13/2018 20:39:55 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6488
Stddev	.0601
%RSD	2.2703

#1	2.6914
#2	2.6063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.6	49381.	4928.4	100.13	3738.9
Stddev	4.0	5.	28.4	.56	.9
%RSD	.11227	.01043	.57625	.56301	.02280

#1	3580.4	49377.	4908.3	99.736	3738.3
#2	3574.7	49384.	4948.5	100.53	3739.5

Sample Name: CCV09 Acquired: 12/13/2018 20:44:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14313 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9642	4.8276	4.9070	4.8516	4.9397	9.6184	9.8434	.24618
Stddev	.0102	.0091	.0103	.0051	.0017	.0663	.0680	.00003
%RSD	.20507	.18749	.20939	.10519	.03427	.68911	.69074	.01025
#1	4.9714	4.8212	4.8997	4.8480	4.9385	9.5715	9.7953	.24617
#2	4.9570	4.8340	4.9143	4.8552	4.9409	9.6653	9.8915	.24620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4164	25.095	1.0017	2.4301	1.2348	4.8027	2.4813	24.690
Stddev	.0042	.403	.0009	.0017	.0012	.0801	.0028	.356
%RSD	.17172	1.6044	.08594	.06866	.09851	1.6683	.11160	1.4403
#1	2.4134	24.810	1.0024	2.4289	1.2339	4.7460	2.4832	24.438
#2	2.4193	25.380	1.0011	2.4313	1.2356	4.8593	2.4793	24.941
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3953	1.2538	23.915	2.3867	2.5113	24.326	5.0059	4.7872
Stddev	.0019	.0018	.146	.0062	.0245	.185	.0005	.0862
%RSD	.07789	.14236	.61007	.26144	.97542	.75864	.00967	1.8001
#1	2.3940	1.2551	23.812	2.3911	2.4939	24.195	5.0062	4.7263
#2	2.3966	1.2526	24.018	2.3823	2.5286	24.456	5.0056	4.8482
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7609	5.0942	4.8779	4.8677	4.7899	4.792	5.0243	4.9548
Stddev	.0144	.0170	.0158	.0526	.0437	.003	.0470	.1709
%RSD	.30350	.33438	.32440	1.0810	.91159	.0554	.93544	3.4494
#1	4.7711	5.0822	4.8667	4.8305	4.7590	4.794	4.9911	5.0756
#2	4.7507	5.1063	4.8891	4.9049	4.8208	4.790	5.0575	4.8339

Sample Name: CCV09 Acquired: 12/13/2018 20:44:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14313 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4073
Stddev	.4481
%RSD	18.616

#1	2.0905
#2	2.7242

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.1	51238.	4983.3	101.65	3899.9
Stddev	8.9	181.	19.6	.83	2.2
%RSD	.23975	.35253	.39280	.81685	.05596

#1	3695.8	51110.	4997.1	102.24	3898.3
#2	3708.4	51366.	4969.4	101.07	3901.4

Sample Name: CCB09 Acquired: 12/13/2018 20:47:52 Type: Unk
Method: P4-ICP2(v2649) 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	-.00105	.00016	.00169	-.00132	-.00241	.00483	.00196
Stddev	.00175	.00099	.00169	.00387	.00040	.01110	.00058
%RSD	166.83	639.09	99.665	292.84	16.523	229.55	29.604

#1	-.00228	-.00055	.00288	-.00406	-.00213	.01268	.00237
#2	.00019	.00086	.00050	.00141	-.00269	-.00301	.00155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00006	-.00297	.00027	.00010	-.00034	.01799
Stddev	.00002	.00004	.01192	.00071	.00038	.00068	.00128
%RSD	59.029	58.723	401.90	264.43	399.11	200.65	7.0898

#1	.00005	-.00009	.00546	-.00023	.00037	.00014	.01709
#2	.00002	-.00004	-.01139	.00077	-.00017	-.00082	.01889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.03292	-.00094	.00087	.05348	-.00031	-.00354
Stddev	.00001	.03179	.00041	.00003	.01023	.00087	.00012
%RSD	6.8446	96.574	43.560	3.1140	19.136	278.01	3.5014

#1	.00021	-.05540	-.00123	.00089	.06072	.00030	-.00363
#2	.00019	-.01044	-.00065	.00085	.04624	-.00093	-.00345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04593	.00046	-.00797	F -.01004	-.00254	.00008	.00189
Stddev	.03828	.00023	.00345	.00134	.00128	.00008	.00160
%RSD	83.344	50.935	43.342	13.372	50.354	103.21	84.346

#1	.07300	.00063	-.00552	-.01099	-.00345	.00002	.00302
#2	.01886	.00030	-.01041	-.00909	-.00164	.00014	.00076

Sample Name: CCB09 Acquired: 12/13/2018 20:47:52 Type: Unk
 Method: P4-ICP2(v2649) 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	.00149	-.0035	-.00034	F 3.6558	F .44401
Stddev	.00084	.0008	.00004	.9374	.14116
%RSD	56.254	21.75	11.796	25.642	31.793

#1	.00090	-.0041	-.00037	2.9929	.54382
#2	.00209	-.0030	-.00031	4.3186	.34419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3831.2	52811.	5105.7	106.27	4376.9
Stddev	6.9	2612.	81.3	2.99	17.3
%RSD	.18011	4.9449	1.5917	2.8169	.39497

#1	3826.3	54658.	5163.2	108.38	4364.7
#2	3836.1	50964.	5048.3	104.15	4389.1

Sample Name: J6189-06 Acquired: 12/13/2018 20:51:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00244	-.00275	.01258	.00214	-.00027	.08316	.19419	.00008
Stddev	.00221	.00029	.00076	.00104	.00023	.01698	.00087	.00002
%RSD	90.480	10.605	6.0761	48.522	86.793	20.423	.44748	22.900

#1	-.00088	-.00295	.01312	.00288	-.00043	.07115	.19481	.00007
#2	-.00401	-.00254	.01204	.00141	-.00010	.09517	.19358	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	62.526	.00019	.00838	.00466	1.1036	1.2671	3.9832
Stddev	.00000	.499	.00014	.00047	.00051	.0148	.0038	.0196
%RSD	.82393	.79845	70.364	5.5977	11.023	1.3437	.29709	.49278

#1	.00024	62.879	.00029	.00871	.00429	1.0931	1.2698	3.9693
#2	.00024	62.173	.00010	.00805	.00502	1.1141	1.2645	3.9971

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	.00046	323.62	.00049	.06753	1.4980	.00014	.01298
Stddev	.00062	.00079	3.61	.00026	.00007	.0193	.00004	.00477
%RSD	14.747	172.03	1.1154	53.571	.10273	1.2918	30.178	36.762

#1	.00375	-.00010	321.07	.00067	.06748	1.5117	.00017	.00960
#2	.00462	.00102	326.18	.00030	.06758	1.4843	.00011	.01635

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78144	1.2998	.00008	-.00179	.00429	.0004	.25258	5.3507
Stddev	.00680	.0072	.00040	.00347	.00121	.0008	.00211	.0625
%RSD	.87053	.55249	515.33	193.39	28.218	183.5	.83493	1.1688

#1	.78625	1.3048	.00036	.00066	.00343	.0010	.25407	5.3064
#2	.77663	1.2947	-.00021	-.00425	.00514	-.0001	.25109	5.3949

Sample Name: J6189-06 Acquired: 12/13/2018 20:51:58 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HR-05-121118 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2131
 Stddev .0713
 %RSD 3.2199

#1 2.2635
 #2 2.1627

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.3	48835.	4859.5	100.77	3779.7
Stddev	1.3	298.	54.3	.05	36.2
%RSD	.03496	.61088	1.1168	.05244	.95889

#1	3575.4	48624.	4821.1	100.73	3754.1
#2	3577.2	49046.	4897.8	100.80	3805.3

Sample Name: J6194-06 Acquired: 12/13/2018 20:56:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-121118 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	-.00268	.00805	.00477	-.00328	.12914	.09127	.00003
Stddev	.00041	.00101	.00003	.00069	.00147	.01548	.00023	.00004
%RSD	12.829	37.828	.37214	14.378	44.703	11.990	.25484	127.92

#1	-.00290	-.00196	.00807	.00525	-.00224	.11819	.09143	.00000
#2	-.00347	-.00339	.00803	.00428	-.00432	.14009	.09110	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	25.049	.00089	.00538	.01036	.50967	.53902	1.3974
Stddev	.00007	.136	.00049	.00011	.00059	.00467	.00165	.0056
%RSD	149.37	.54286	54.515	2.0137	5.6556	.91625	.30647	.39754

#1	-.00009	24.953	.00124	.00546	.01078	.51297	.53785	1.3935
#2	.00000	25.145	.00055	.00530	.00995	.50637	.54019	1.4013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.00039	304.73	.00078	.02569	1.5050	.00026	.00861
Stddev	.00001	.00084	.03	.00003	.00019	.0158	.00020	.00111
%RSD	.66465	215.96	.00892	3.7786	.72559	1.0519	77.999	12.893

#1	.00169	.00098	304.75	.00081	.02582	1.4938	.00012	.00939
#2	.00168	-.00020	304.71	.00076	.02556	1.5162	.00040	.00782

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16050	.70592	-.00095	-.00024	.00398	.0011	.08776	5.1348
Stddev	.00529	.00601	.00015	.00036	.00150	.0001	.00016	.1125
%RSD	3.2977	.85110	15.777	150.32	37.742	5.826	.18446	2.1910

#1	.16425	.71017	-.00085	-.00050	.00504	.0012	.08764	5.0552
#2	.15676	.70167	-.00106	.00002	.00292	.0011	.08787	5.2143

Sample Name: J6194-06 Acquired: 12/13/2018 20:56:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-03-121118 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2697
Stddev .7419
%RSD 32.687

#1 1.7451
#2 2.7943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.5	49594.	4943.0	103.05	3844.8
Stddev	15.7	9.	23.7	.98	2.5
%RSD	.43395	.01909	.47896	.95489	.06529

#1	3609.3	49587.	4926.3	102.36	3846.5
#2	3631.6	49601.	4959.8	103.75	3843.0

Sample Name: J6344-03 Acquired: 12/13/2018 21:00:15 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00345	.00174	.00523	-.00381	.04179	.06729	-.00009
Stddev	.00102	.00015	.00264	.00036	.00044	.00376	.00018	.00001
%RSD	57.367	4.3981	151.46	6.9278	11.674	8.9903	.26528	14.267

#1	-.00250	-.00356	-.00012	.00498	-.00412	.03913	.06716	-.00008
#2	-.00106	-.00334	.00361	.00549	-.00349	.04445	.06741	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	196.24	.00121	.00070	.00091	-.04852	.26605	3.7438
Stddev	.00013	1.23	.00051	.00006	.00110	.00788	.00010	.0930
%RSD	46.401	.62675	41.816	8.3079	119.95	16.235	.03644	2.4830

#1	-.00019	197.11	.00157	.00066	.00169	-.04295	.26612	3.8095
#2	-.00037	195.37	.00085	.00074	.00014	-.05409	.26598	3.6781

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00011	331.97	.00192	.01391	1.7609	.00102	.02657
Stddev	.00013	.00002	3.34	.00007	.00022	.0252	.00030	.00137
%RSD	9.8579	19.419	1.0049	3.6161	1.5457	1.4318	29.286	5.1682

#1	.00139	.00012	329.61	.00187	.01376	1.7430	.00123	.02755
#2	.00121	.00009	334.32	.00197	.01407	1.7787	.00081	.02560

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6871	6.3818	-.00275	-.00050	.01101	.0070	.67355	5.9011
Stddev	.0313	.0206	.00016	.00009	.00002	.0004	.00408	.2081
%RSD	.40719	.32277	5.7941	17.209	.18077	5.262	.60531	3.5259

#1	7.6649	6.3963	-.00286	-.00044	.01102	.0067	.67643	6.0482
#2	7.7092	6.3672	-.00263	-.00056	.01099	.0072	.67066	5.7540

Sample Name: J6344-03 Acquired: 12/13/2018 21:00:15 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200027 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4369
Stddev	.8960
%RSD	26.070

#1	2.8034
#2	4.0705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.0	48186.	4851.4	99.636	3676.0
Stddev	.5	187.	36.5	1.088	1.6
%RSD	.01388	.38719	.75209	1.0918	.04254

#1	3479.6	48054.	4825.6	100.41	3674.9
#2	3480.3	48318.	4877.2	98.867	3677.1

Sample Name: J6344-06 Acquired: 12/13/2018 21:04:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200031 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	-.00275	.00237	.00052	-.00313	.09134	.03418	-.00005
Stddev	.00014	.00006	.00046	.00081	.00307	.00047	.00074	.00002
%RSD	19.684	2.2049	19.288	156.42	98.202	.51874	2.1635	33.318

#1	-.00060	-.00271	.00269	.00109	-.00096	.09168	.03365	-.00003
#2	-.00080	-.00280	.00204	-.00006	-.00531	.09101	.03470	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	155.16	.00749	-.00041	.00020	-.02338	.00095	.15983
Stddev	.00003	.63	.00029	.00015	.00003	.00422	.00002	.03101
%RSD	7.5954	.40615	3.8583	37.055	13.080	18.064	2.6210	19.405

#1	-.00032	154.71	.00729	-.00052	.00022	-.02040	.00093	.18176
#2	-.00035	155.60	.00769	-.00030	.00018	-.02637	.00097	.13790

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	.00013	297.56	.00258	.00017	7.2592	.00044	.01733
Stddev	.00011	.00042	.97	.00077	.00017	.0455	.00053	.00213
%RSD	4.5252	316.50	.32514	29.863	99.247	.62652	119.08	12.290

#1	-.00226	-.00016	296.87	.00204	.00029	7.2271	.00007	.01582
#2	-.00241	.00043	298.24	.00313	.00005	7.2914	.00082	.01883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7743	3.3506	-.00095	-.00243	.01802	-.0014	.79083	5.4128
Stddev	.1691	.0244	.00112	.00031	.00381	.0020	.00058	.1590
%RSD	3.5407	.72796	117.40	12.641	21.116	140.6	.07301	2.9377

#1	4.6548	3.3679	-.00174	-.00222	.01533	-.0028	.79043	5.3003
#2	4.8938	3.3334	-.00016	-.00265	.02071	-.0000	.79124	5.5252

Sample Name: J6344-06 Acquired: 12/13/2018 21:04:24 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200031 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.8658
Stddev	.7907
%RSD	27.592

#1	3.4249
#2	2.3066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.2	49006.	4956.1	103.08	3829.4
Stddev	93.1	240.	36.1	1.92	124.8
%RSD	2.5854	.49035	.72790	1.8623	3.2596

#1	3668.1	48837.	4930.6	101.72	3917.6
#2	3536.4	49176.	4981.6	104.43	3741.1

Sample Name: J6349-01 Acquired: 12/13/2018 21:08:33 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-242 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00349	.00267	.00366	-.00524	.20879	.15042	-.00003
Stddev	.00135	.00002	.00083	.00249	.00115	.00097	.00037	.00003
%RSD	124.37	.54584	31.168	68.066	21.932	.46221	.24305	77.893

#1	-.00204	-.00348	.00325	.00190	-.00442	.20811	.15016	-.00001
#2	-.00013	-.00350	.00208	.00542	-.00605	.20947	.15068	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	217.18	.09494	-.00027	.00242	-.02773	.00013	.02913
Stddev	.00007	.88	.00037	.00004	.00020	.00952	.00002	.03085
%RSD	26.044	.40648	.39154	13.230	8.2324	34.321	15.873	105.92

#1	-.00033	217.81	.09520	-.00030	.00256	-.02100	.00012	.00731
#2	-.00023	216.56	.09468	-.00025	.00228	-.03446	.00014	.05094

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00007	365.81	.00280	.00240	6.1685	.00516	.00607
Stddev	.00031	.00075	1.97	.00003	.00004	.0339	.00027	.00450
%RSD	11.270	1056.6	.53861	1.0480	1.8729	.55013	5.1426	74.100

#1	-.00251	.00060	364.42	.00282	.00243	6.1445	.00534	.00289
#2	-.00295	-.00046	367.20	.00278	.00236	6.1925	.00497	.00926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6444	.98564	-.00060	-.00169	.01723	-.0007	.92572	5.4823
Stddev	.0002	.00715	.00007	.00230	.00107	.0008	.00450	.0009
%RSD	.00925	.72546	12.470	135.93	6.2057	111.7	.48636	.01669

#1	2.6446	.99069	-.00065	-.00331	.01647	-.0001	.92890	5.4816
#2	2.6442	.98058	-.00054	-.00007	.01798	-.0013	.92254	5.4829

Sample Name: J6349-01 Acquired: 12/13/2018 21:08:33 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-242 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0671
Stddev	.2571
%RSD	8.3833

#1	2.8853
#2	3.2489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.6	48596.	4885.3	99.335	3698.3
Stddev	21.5	112.	37.7	.412	21.6
%RSD	.61286	.23003	.77104	.41494	.58302

#1	3499.4	48675.	4858.7	99.044	3683.1
#2	3529.8	48517.	4911.9	99.626	3713.6

Sample Name: J6354-02 Acquired: 12/13/2018 21:12:42 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00382	.00687	.00476	-.00354	.05461	.10418	.00011
Stddev	.00224	.00033	.00028	.00077	.00017	.00844	.00082	.00002
%RSD	174.86	8.6313	4.0518	16.246	4.7936	15.451	.78924	16.441

#1	.00030	-.00358	.00706	.00530	-.00342	.04864	.10476	.00010
#2	-.00286	-.00405	.00667	.00421	-.00366	.06058	.10360	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	131.83	.00091	.00496	.00311	-.00452	.37020	16.516
Stddev	.00002	.54	.00018	.00001	.00093	.00805	.00061	.085
%RSD	18.679	.41042	19.455	.20300	29.772	178.20	.16523	.51314

#1	-.00011	131.45	.00104	.00497	.00246	-.01022	.37063	16.456
#2	-.00014	132.21	.00079	.00496	.00377	.00118	.36977	16.576

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	.00023	354.24	.00155	.03282	1.5828	.00070	.01570
Stddev	.00011	.00061	.74	.00043	.00070	.0084	.00007	.00253
%RSD	3.9265	263.12	.20986	27.439	2.1453	.53108	9.9824	16.117

#1	.00300	.00067	354.76	.00185	.03232	1.5887	.00075	.01391
#2	.00284	-.00020	353.71	.00125	.03332	1.5768	.00065	.01748

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4304	4.3332	-.00011	.00019	.01050	.0040	.39698	5.0690
Stddev	.0076	.0198	.00005	.00094	.00014	.0007	.00124	.2578
%RSD	.31079	.45578	46.698	499.46	1.2866	18.04	.31213	5.0865

#1	2.4251	4.3472	-.00007	.00085	.01060	.0046	.39610	5.2513
#2	2.4357	4.3192	-.00015	-.00048	.01041	.0035	.39785	4.8867

Sample Name: J6354-02 Acquired: 12/13/2018 21:12:42 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7169
Stddev .4784
%RSD 17.606

#1 3.0551
#2 2.3786

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.9	49384.	4935.0	101.06	3762.4
Stddev	20.3	227.	6.8	1.32	.4
%RSD	.56806	.45944	.13736	1.3041	.01041

#1	3552.6	49223.	4930.2	102.00	3762.7
#2	3581.3	49544.	4939.8	100.13	3762.1

Sample Name: J6356-01 Acquired: 12/13/2018 21:16:51 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00409	-.00206	.00114	.00243	-.00195	.07844	.06181	.00012
Stddev	.00184	.00061	.00036	.00148	.00003	.01103	.00117	.00001
%RSD	44.922	29.666	31.810	60.706	1.3392	14.066	1.9002	11.441

#1	-.00539	-.00249	.00140	.00139	-.00197	.07064	.06264	.00011
#2	-.00279	-.00162	.00088	.00347	-.00193	.08624	.06098	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	4.0700	.00094	.00207	.00793	.55594	.65370	1.1479
Stddev	.00000	.0338	.00006	.00028	.00002	.00519	.00099	.0868
%RSD	61.018	.83110	5.9271	13.460	.20932	.93299	.15078	7.5598

#1	-.00000	4.0939	.00090	.00188	.00792	.55960	.65440	1.2093
#2	-.00001	4.0461	.00098	.00227	.00795	.55227	.65300	1.0866

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	.00095	275.58	.00040	.01445	1.1312	-.00015	-.00305
Stddev	.00021	.00006	9.13	.00038	.00004	.0321	.00017	.00658
%RSD	3.8734	6.0256	3.3122	94.868	.28817	2.8394	114.73	215.44

#1	.00531	.00091	282.03	.00013	.01448	1.1085	-.00003	-.00770
#2	.00561	.00099	269.12	.00067	.01442	1.1539	-.00027	.00160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08299	.34819	-.00030	.00202	.00547	.0017	.02357	4.4546
Stddev	.00061	.01095	.00092	.00073	.00022	.0029	.00027	.0003
%RSD	.73088	3.1456	307.21	36.202	4.0738	174.6	1.1591	.00674

#1	.08342	.35593	-.00095	.00151	.00532	-.0004	.02377	4.4548
#2	.08256	.34044	.00035	.00254	.00563	.0037	.02338	4.4543

Sample Name: J6356-01 Acquired: 12/13/2018 21:16:51 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5945
Stddev .0098
%RSD .61428

#1 1.6015
#2 1.5876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.9	51041.	5011.9	102.95	3933.8
Stddev	12.6	203.	128.5	1.11	15.6
%RSD	.34033	.39861	2.5634	1.0818	.39661

#1	3699.0	50898.	4921.1	102.16	3922.7
#2	3716.8	51185.	5102.8	103.73	3944.8

Sample Name: J6199-05 Acquired: 12/13/2018 21:21:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02341	-.01514	.35402	.06741	-.00224	120.91	.51404
Stddev	.00323	.00049	.00188	.00165	.00029	.74	.00986
%RSD	13.781	3.2638	.53000	2.4435	13.128	.60872	1.9182

#1	.02113	-.01549	.35535	.06625	-.00245	120.39	.50706
#2	.02569	-.01479	.35269	.06858	-.00203	121.44	.52101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	-.00324	82.413	.18466	.16555	.44627	333.23
Stddev	.00012	.00018	1.208	.00148	.00026	.00238	.24
%RSD	1.9751	5.4771	1.4660	.80400	.15747	.53406	.07330

#1	.00576	-.00337	81.558	.18571	.16574	.44458	333.40
#2	.00592	-.00312	83.267	.18361	.16537	.44795	333.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0012	59.561	.24278	.00565	10.569	.41889	.68924
Stddev	.0083	.693	.00049	.00030	.117	.00038	.00035
%RSD	.20690	1.1629	.20188	5.3661	1.1089	.09036	.05117

#1	3.9954	59.072	.24312	.00544	10.486	.41916	.68899
#2	4.0071	60.051	.24243	.00587	10.652	.41862	.68949

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2695	.00238	.54720	4.2665	2.4365	.01532	4.9087
Stddev	.0917	.00002	.00616	.0070	.0196	.00080	.0627
%RSD	1.1096	.77330	1.1264	.16526	.80443	5.2151	1.2766

#1	8.2046	.00239	.54284	4.2615	2.4227	.01588	4.8644
#2	8.3344	.00236	.55156	4.2715	2.4504	.01475	4.9530

Sample Name: J6199-05 Acquired: 12/13/2018 21:21:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11409	F 11.38	-.18672	<.00000	F<.00000
Stddev	.00164	.01	.00371	.18579	.15367
%RSD	1.4338	.0852	1.9885	4.7559	.17414

#1	.11293	11.37	-.18935	-4.0379	-88.353
#2	.11524	11.38	-.18410	-3.7752	-88.136

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4899.8	68368.	6898.3	100.35	3722.2
Stddev	4.8	161.	73.8	.19	7.3
%RSD	.09896	.23589	1.0694	.18543	.19636

#1	4896.4	68482.	6950.5	100.22	3717.1
#2	4903.3	68254.	6846.1	100.48	3727.4

Sample Name: J6199-05DUP Acquired: 12/13/2018 21:24:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02088	-.01510	.35759	.06497	-.00153	121.54	.51784
Stddev	.00258	.00014	.00030	.00083	.00024	.86	.00744
%RSD	12.364	.92204	.08371	1.2770	15.575	.71001	1.4371

#1	.02271	-.01500	.35781	.06438	-.00170	120.93	.51258
#2	.01906	-.01520	.35738	.06556	-.00136	122.15	.52310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	-.00342	82.882	.18774	.16518	.44433	333.87
Stddev	.00008	.00087	.756	.00176	.00040	.00154	5.50
%RSD	1.3894	25.530	.91192	.93783	.24406	.34627	1.6470

#1	.00584	-.00280	82.347	.18899	.16547	.44542	329.98
#2	.00595	-.00404	83.416	.18650	.16490	.44324	337.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0283	60.028	.24305	.00528	10.589	.42223	.69175
Stddev	.0018	1.003	.00066	.00107	.128	.00268	.00617
%RSD	.04424	1.6717	.27055	20.169	1.2070	.63537	.89133

#1	4.0296	59.318	.24259	.00453	10.498	.42413	.68739
#2	4.0271	60.737	.24352	.00604	10.679	.42034	.69611

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3545	.00233	.55336	4.2630	2.3804	.01539	4.8943
Stddev	.0839	.00031	.00671	.0090	.0018	.00226	.0738
%RSD	1.0046	13.173	1.2123	.21125	.07466	14.684	1.5086

#1	8.2952	.00212	.54861	4.2566	2.3792	.01699	4.8421
#2	8.4138	.00255	.55810	4.2694	2.3817	.01379	4.9465

Sample Name: J6199-05DUP Acquired: 12/13/2018 21:24:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11616	F 11.28	-.18646	<.00000	F<.00000
Stddev	.00007	.02	.00529	.09510	.21254
%RSD	.06142	.2054	2.8389	2.6593	.23546

#1	.11621	11.29	-.18272	-3.6435	-90.117
#2	.11611	11.26	-.19020	-3.5090	-90.418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4866.9	67761.	6818.9	100.05	3709.1
Stddev	14.8	23.	46.5	.82	6.4
%RSD	.30359	.03383	.68204	.81893	.17204

#1	4856.4	67777.	6851.8	100.63	3704.6
#2	4877.3	67745.	6786.0	99.468	3713.6

Sample Name: J6199-05LX5 Acquired: 12/13/2018 21:28:57 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	-.00277	.07528	.01145	-.00168	31.242	.13506	.00159
Stddev	.00113	.00022	.00046	.00139	.00190	1.482	.00093	.00005
%RSD	14.784	7.7642	.61087	12.139	112.97	4.7426	.69058	3.0790

#1	.00683	-.00262	.07496	.01046	-.00302	30.194	.13440	.00156
#2	.00843	-.00292	.07561	.01243	-.00034	32.289	.13572	.00163

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	22.018	.05255	.03281	.12482	66.710	1.1148	15.806
Stddev	.00001	.348	.00291	.00023	.00045	.445	.0522	.045
%RSD	.74826	1.5786	5.5350	.70445	.35789	.66689	4.6851	.28390

#1	-.00111	21.772	.05050	.03297	.12450	66.396	1.0779	15.774
#2	-.00112	22.264	.05461	.03265	.12513	67.025	1.1517	15.837

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04683	-.00140	2.7012	.11314	.13943	2.0756	.00017	.11059
Stddev	.00005	.00063	.0139	.00596	.00109	.0394	.00018	.00622
%RSD	.11639	44.786	.51415	5.2640	.77905	1.8958	104.43	5.6262

#1	.04679	-.00096	2.6913	.10893	.14020	2.1034	.00030	.10619
#2	.04686	-.00184	2.7110	.11735	.13866	2.0478	.00005	.11499

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80898	.72161	.00235	1.2705	.02775	2.211	-.02614	2.8419
Stddev	.00091	.02299	.00030	.0119	.00082	.004	.00016	.9122
%RSD	.11284	3.1855	12.896	.93762	2.9531	.1819	.60021	32.098

#1	.80834	.70536	.00256	1.2620	.02717	2.214	-.02603	2.1969
#2	.80963	.73787	.00213	1.2789	.02832	2.208	-.02625	3.4869

Sample Name: J6199-05LX5 Acquired: 12/13/2018 21:28:57 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5707
Stddev	.8605
%RSD	54.781

#1	2.1792
#2	.96230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4074.3	54965.	5453.2	106.57	4140.6
Stddev	5.7	1887.	2.5	.51	2.5
%RSD	.14071	3.4326	.04634	.47947	.06094

#1	4078.4	56299.	5451.4	106.21	4142.4
#2	4070.3	53630.	5455.0	106.93	4138.8

Sample Name: CCV10 Acquired: 12/13/2018 21:32:56 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14337 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9229	4.8385	4.8925	4.8441	4.9180	9.7466	10.047	.24586
Stddev	.0137	.0006	.0136	.0188	.0043	.1432	.366	.00083
%RSD	.27760	.01301	.27699	.38855	.08845	1.4693	3.6406	.33944
#1	4.9133	4.8380	4.8829	4.8308	4.9150	9.6454	9.7881	.24527
#2	4.9326	4.8389	4.9021	4.8574	4.9211	9.8479	10.305	.24645
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4148	25.874	.99901	2.4257	1.2332	5.0491	2.4757	25.261
Stddev	.0053	1.272	.00009	.0041	.0006	.2506	.0033	1.033
%RSD	.21796	4.9164	.00857	.16785	.04592	4.9629	.13295	4.0905
#1	2.4110	24.975	.99907	2.4228	1.2328	4.8719	2.4734	24.530
#2	2.4185	26.774	.99895	2.4286	1.2336	5.2263	2.4780	25.991
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3995	1.2522	24.306	2.3938	2.5958	24.785	4.9822	4.9542
Stddev	.0063	.0007	.844	.0012	.0919	.773	.0087	.2157
%RSD	.26073	.05309	3.4721	.04933	3.5397	3.1177	.17453	4.3546
#1	2.3951	1.2517	23.710	2.3930	2.5308	24.239	4.9760	4.8017
#2	2.4039	1.2526	24.903	2.3946	2.6608	25.332	4.9883	5.1068
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7632	5.1488	4.8704	4.9897	4.8992	4.798	5.1534	4.8049
Stddev	.0018	.1679	.0037	.1981	.1904	.001	.2010	.1133
%RSD	.03836	3.2600	.07633	3.9710	3.8859	.0225	3.9008	2.3570
#1	4.7619	5.0301	4.8730	4.8496	4.7646	4.797	5.0113	4.8850
#2	4.7645	5.2675	4.8678	5.1298	5.0339	4.799	5.2956	4.7248

Sample Name: CCV10 Acquired: 12/13/2018 21:32:56 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14337 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9628
Stddev	.3624
%RSD	12.231

#1	3.2190
#2	2.7065

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.1	51430.	4929.9	98.712	3923.6
Stddev	8.5	147.	140.4	3.000	7.2
%RSD	.22802	.28556	2.8481	3.0397	.18280

#1	3725.1	51326.	5029.1	100.83	3918.5
#2	3737.2	51534.	4830.6	96.590	3928.7

Sample Name: CCB10 Acquired: 12/13/2018 21:36:43 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14337 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00017	-.00040	.00198	-.00102	.00632	.00137
Stddev	.00081	.00077	.00091	.00303	.00054	.00126	.00039
%RSD	51.179	451.55	228.75	152.91	52.750	19.981	28.702

#1	.00216	.00037	-.00104	-.00016	-.00064	.00543	.00109
#2	.00101	-.00071	.00024	.00412	-.00141	.00722	.00165

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00006	-.00922	.00032	-.00011	-.00000	.01942
Stddev	.00002	.00007	.00111	.00035	.00007	.00007	.00206
%RSD	97.127	116.71	12.049	108.97	62.232	2201.7	10.602

#1	-.00004	-.00012	-.01001	.00007	-.00006	.00005	.01796
#2	-.00001	-.00001	-.00844	.00057	-.00016	-.00005	.02087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.05211	-.00082	.00042	-.04022	.00010	-.00382
Stddev	.00003	.02183	.00004	.00023	.00131	.00055	.00000
%RSD	13.911	41.899	5.3923	54.518	3.2450	525.04	.07896

#1	.00023	-.03667	-.00085	.00058	-.04114	-.00028	-.00381
#2	.00019	-.06754	-.00079	.00026	-.03930	.00049	-.00382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00779	.00055	-.01084	-.00357	-.00423	-.00033	.00144
Stddev	.03030	.00058	.00810	.00020	.00007	.00017	.00091
%RSD	388.67	105.71	74.748	5.6154	1.6363	51.769	63.005

#1	.02922	.00096	-.01657	-.00371	-.00418	-.00045	.00080
#2	-.01363	.00014	-.00511	-.00343	-.00428	-.00021	.00208

Sample Name: CCB10 Acquired: 12/13/2018 21:36:43 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14337 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.0011	-.00033	F 2.7790	F<.00000
Stddev	.00060	.0012	.00001	.0856	.38613
%RSD	32.256	111.7	3.1044	3.0795	147.05

#1	.00144	-.0020	-.00032	2.7185	-.53563
#2	.00229	-.0002	-.00034	2.8395	.01045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3932.4	54628.	5264.4	111.05	4489.9
Stddev	6.0	76.	241.1	2.60	3.6
%RSD	.15171	.13946	4.5793	2.3400	.07997

#1	3928.2	54574.	5434.8	112.89	4487.3
#2	3936.6	54682.	5093.9	109.22	4492.4

Sample Name: J6199-05MS Acquired: 12/13/2018 21:40:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65552	1.9317	1.3677	1.5911	.10337	146.43	.76123
Stddev	.00013	.0061	.0001	.0019	.00184	.61	.00181
%RSD	.02002	.31709	.01001	.12167	1.7841	.41795	.23798

#1	.65561	1.9361	1.3676	1.5897	.10206	146.00	.75995
#2	.65542	1.9274	1.3678	1.5925	.10467	146.86	.76251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17267	.19338	103.66	.54313	.37962	.70505	354.65
Stddev	.00007	.00003	1.05	.00039	.00033	.00365	9.71
%RSD	.04302	.01741	1.0114	.07106	.08821	.51734	2.7378

#1	.17272	.19335	102.92	.54340	.37985	.70247	361.52
#2	.17262	.19340	104.40	.54286	.37938	.70763	347.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4055	73.193	.75468	.06361	13.781	.71833	.94032
Stddev	.0012	.116	.00204	.00176	.001	.00050	.02546
%RSD	.02632	.15874	.27047	2.7623	.01026	.06986	2.7075

#1	4.4064	73.110	.75612	.06486	13.780	.71868	.95832
#2	4.4047	73.275	.75324	.06237	13.782	.71797	.92231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.764	.30063	.64913	4.4520	3.0482	.66559	5.3708
Stddev	.029	.00079	.01397	.0198	.0031	.00363	.0185
%RSD	.16072	.26324	2.1527	.44562	.10262	.54543	.34430

#1	17.744	.30007	.65901	4.4660	3.0504	.66816	5.3577
#2	17.784	.30119	.63925	4.4380	3.0460	.66303	5.3839

Sample Name: J6199-05MS Acquired: 12/13/2018 21:40:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31546	F 15.89	-.01053	<.00000	F<.00000
Stddev	.00022	.06	.01322	.18618	.22716
%RSD	.06968	.3989	125.52	11.458	.22917

#1	.31530	15.93	-.01988	-1.4933	-98.961
#2	.31561	15.84	-.00118	-1.7566	-99.282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.4	62629.	6292.7	98.556	3691.0
Stddev	6.9	130.	5.8	2.761	23.7
%RSD	.15343	.20698	.09187	2.8017	.64111

#1	4504.5	62537.	6296.7	96.603	3674.3
#2	4514.3	62721.	6288.6	100.51	3707.7

Sample Name: J6199-05MSD Acquired: 12/13/2018 21:44:42 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65931	1.9633	1.3862	1.6125	.10330	147.95	.76751
Stddev	.00323	.0021	.0068	.0147	.00300	1.20	.00290
%RSD	.48916	.10908	.49053	.90901	2.9016	.81035	.37788

#1	.65702	1.9618	1.3814	1.6022	.10542	147.10	.76546
#2	.66159	1.9648	1.3911	1.6229	.10118	148.80	.76956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17458	.19653	104.87	.54834	.38518	.71217	356.33
Stddev	.00035	.00055	.67	.00828	.00157	.00314	2.92
%RSD	.20245	.28073	.63801	1.5106	.40657	.44040	.81961

#1	.17433	.19614	104.40	.54248	.38407	.70996	354.26
#2	.17483	.19692	105.34	.55420	.38628	.71439	358.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4585	73.426	.76714	.06411	13.820	.72229	.94736
Stddev	.0168	.800	.00336	.00061	.082	.00422	.00528
%RSD	.37675	1.0895	.43774	.95584	.59361	.58482	.55708

#1	4.4466	72.860	.76477	.06368	13.762	.71930	.94363
#2	4.4703	73.992	.76952	.06455	13.878	.72528	.95109

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.846	.30231	.67007	4.5072	3.0314	.67443	5.4289
Stddev	.025	.00037	.00855	.0100	.0159	.00204	.0406
%RSD	.13862	.12339	1.2764	.22180	.52387	.30223	.74727

#1	17.829	.30205	.67611	4.5002	3.0202	.67299	5.4002
#2	17.864	.30257	.66402	4.5143	3.0426	.67587	5.4576

Sample Name: J6199-05MSD Acquired: 12/13/2018 21:44:42 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32062	F 16.17	-.00779	<.00000	F<.00000
Stddev	.00096	.05	.00099	.05958	4.2312
%RSD	.29978	.2937	12.675	3.2605	4.3034
#1	.31995	16.14	-.00709	-1.8694	-95.331
#2	.32130	16.20	-.00849	-1.7852	-101.31
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4483.3	62274.	6253.8	98.102	3650.7
Stddev	6.4	157.	13.8	.381	4.8
%RSD	.14324	.25276	.22004	.38847	.13160
#1	4478.8	62385.	6263.6	98.372	3654.1
#2	4487.8	62162.	6244.1	97.833	3647.3

Sample Name: J6199-05A Acquired: 12/13/2018 21:48:37 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7792 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65370	1.9372	1.3695	1.5857	.10437	146.90	.76259
Stddev	.00230	.0081	.0028	.0092	.00002	.18	.00367
%RSD	.35214	.41789	.20137	.57975	.02256	.12308	.48061

#1	.65532	1.9315	1.3675	1.5792	.10439	146.77	.76000
#2	.65207	1.9429	1.3714	1.5922	.10436	147.02	.76518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17296	.19431	104.03	.54343	.37974	.70607	350.37
Stddev	.00010	.00035	.08	.00043	.00035	.00139	8.10
%RSD	.05915	.18080	.07423	.07861	.09102	.19707	2.3117

#1	.17289	.19456	103.98	.54313	.37998	.70705	344.64
#2	.17304	.19406	104.09	.54373	.37950	.70509	356.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4105	73.068	.76010	.06305	13.749	.71687	.92966
Stddev	.0018	.839	.00031	.00024	.110	.00281	.01366
%RSD	.04052	1.1479	.04054	.37613	.80325	.39250	1.4689

#1	4.4118	72.475	.75988	.06289	13.670	.71886	.92000
#2	4.4093	73.661	.76032	.06322	13.827	.71488	.93931

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.773	.29960	.64957	4.4699	2.9622	.66802	5.3702
Stddev	.035	.00023	.02005	.0009	.0049	.00017	.0407
%RSD	.19460	.07621	3.0871	.01914	.16612	.02586	.75825

#1	17.748	.29944	.63539	4.4693	2.9587	.66790	5.3414
#2	17.797	.29976	.66375	4.4705	2.9657	.66815	5.3990

Sample Name: J6199-05A Acquired: 12/13/2018 21:48:37 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7792 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31776	F 15.92	-.00385	<.00000	F<.00000
Stddev	.00165	.02	.00864	.02626	2.6265
%RSD	.52002	.1334	224.45	1.6039	2.6884

#1	.31659	15.94	.00226	-1.6185	-95.841
#2	.31893	15.91	-.00996	-1.6556	-99.555

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.2	62618.	6292.2	99.527	3678.9
Stddev	2.2	207.	10.4	1.565	1.7
%RSD	.04860	.33112	.16608	1.5726	.04509

#1	4507.8	62471.	6299.6	100.63	3680.1
#2	4504.7	62765.	6284.8	98.420	3677.7

Sample Name: J6199-07 Acquired: 12/13/2018 21:52:29 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02904	-.01443	.32190	.06865	-.00034	115.55	.56650
Stddev	.00045	.00118	.00290	.00519	.00088	.34	.00009
%RSD	1.5640	8.1495	.90153	7.5664	255.32	.29133	.01572

#1	.02872	-.01526	.32395	.06497	-.00097	115.31	.56656
#2	.02936	-.01360	.31985	.07232	.00028	115.79	.56644

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	-.00495	108.97	.19333	.14760	.30458	356.07
Stddev	.00004	.00082	.61	.00070	.00003	.00166	7.21
%RSD	.55970	16.582	.55583	.36266	.01978	.54476	2.0239

#1	.00633	-.00437	108.54	.19383	.14762	.30575	350.97
#2	.00638	-.00553	109.39	.19284	.14758	.30341	361.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9221	60.568	.21792	.00519	8.6566	.41552	.71316
Stddev	.0016	.011	.00070	.00076	.0201	.00212	.01342
%RSD	.03996	.01742	.32042	14.573	.23257	.51130	1.8814

#1	3.9232	60.576	.21742	.00466	8.6709	.41703	.70367
#2	3.9210	60.561	.21841	.00573	8.6424	.41402	.72264

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6272	.00355	.37236	4.8921	2.2950	.01590	4.2620
Stddev	.0157	.00005	.02161	.0003	.0358	.00058	.0034
%RSD	.18205	1.4750	5.8035	.00677	1.5599	3.6428	.08047

#1	8.6383	.00359	.35708	4.8923	2.3203	.01631	4.2596
#2	8.6161	.00351	.38764	4.8919	2.2697	.01549	4.2644

Sample Name: J6199-07 Acquired: 12/13/2018 21:52:29 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12591	F 13.46	-.11702	<.00000	F<.00000
Stddev	.00087	.05	.00695	.25013	.95529
%RSD	.69191	.3513	5.9360	6.9618	1.0062

#1	.12653	13.42	-.11211	-3.7698	-94.268
#2	.12530	13.49	-.12193	-3.4160	-95.619

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4816.4	67199.	6788.7	99.152	3717.7
Stddev	4.1	44.	5.2	1.789	4.8
%RSD	.08444	.06524	.07599	1.8041	.12973

#1	4813.5	67168.	6792.3	100.42	3714.3
#2	4819.3	67230.	6785.0	97.888	3721.1

Sample Name: J6319-01 Acquired: 12/13/2018 21:56:27 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 055_BT-1-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04899	-.00782	7.3045	.06606	.00945	92.181	1.4133
Stddev	.00316	.00109	.0107	.00842	.00232	4.969	.1462
%RSD	6.4480	13.886	.14587	12.743	24.506	5.3907	10.341

#1	.05122	-.00705	7.3121	.07201	.01109	95.695	1.5167
#2	.04675	-.00859	7.2970	.06011	.00781	88.667	1.3100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	-.00291	370.53	.20640	.08593	1.4301	361.77
Stddev	.00033	.00379	34.92	.01072	.00029	.0099	36.31
%RSD	5.0928	130.27	9.4239	5.1961	.34109	.68922	10.038

#1	.00681	-.00558	395.22	.21398	.08614	1.4232	387.44
#2	.00634	-.00023	345.84	.19881	.08573	1.4371	336.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4703	43.215	.14241	-.00399	3.1073	.23932	2.3755
Stddev	.2616	4.256	.00142	.00263	.3476	.01124	.1862
%RSD	4.7813	9.8491	.99982	66.054	11.186	4.6988	7.8382

#1	5.6553	46.224	.14342	-.00213	3.3531	.24727	2.5072
#2	5.2854	40.205	.14140	-.00585	2.8615	.23136	2.2439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.404	.00234	.27634	F 12.787	3.4885	.14581	1.5601
Stddev	1.093	.00029	.02829	.143	.3351	.00303	.1460
%RSD	9.5882	12.187	10.236	1.1207	9.6061	2.0750	9.3595

#1	12.177	.00214	.29634	12.888	3.7255	.14795	1.6634
#2	10.631	.00255	.25634	12.686	3.2516	.14367	1.4569

Sample Name: J6319-01 Acquired: 12/13/2018 21:56:27 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 055_BT-1-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18034	8.742	.22851	1.7733	F<.00000
Stddev	.01914	.079	.01871	.7105	1.0237
%RSD	10.612	.9010	8.1874	40.066	1.1359

#1	.19387	8.798	.24174	2.2756	-90.851
#2	.16680	8.687	.21528	1.2709	-89.403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.2	53615.	5447.4	97.675	3619.5
Stddev	8.4	1953.	425.0	7.793	15.2
%RSD	.21976	3.6432	7.8024	7.9781	.42021

#1	3822.2	52234.	5146.9	92.165	3608.7
#2	3834.1	54996.	5748.0	103.19	3630.2

Sample Name: J6319-02 Acquired: 12/13/2018 22:00:19 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 056_BT-1-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15542	-.00563	5.5731	.04901	.03341	97.065	2.9736
Stddev	.00358	.00289	.0101	.00205	.00180	.608	.0357
%RSD	2.3031	51.239	.18068	4.1791	5.3804	.62686	1.2012

#1	.15795	-.00767	5.5660	.05046	.03469	96.635	2.9483
#2	.15289	-.00359	5.5802	.04756	.03214	97.495	2.9988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	-.00182	288.25	.19108	.08822	1.7790	198.81
Stddev	.00003	.00039	5.06	.00068	.00014	.0007	3.82
%RSD	.44619	21.633	1.7554	.35691	.16196	.04144	1.9210

#1	.00660	-.00154	284.67	.19157	.08832	1.7795	196.11
#2	.00656	-.00210	291.82	.19060	.08812	1.7785	201.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8530	36.848	.18594	-.00126	3.6155	.23984	1.0304
Stddev	.0091	.488	.00005	.00073	.0577	.00065	.0148
%RSD	.15510	1.3235	.02624	58.183	1.5960	.27202	1.4360

#1	5.8594	36.503	.18597	-.00178	3.5747	.23938	1.0200
#2	5.8466	37.192	.18590	-.00074	3.6563	.24030	1.0409

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.664	.00686	.17316	F 17.268	5.6518	.23939	1.7356
Stddev	.074	.00012	.00923	.035	.0142	.00027	.0428
%RSD	.63439	1.7974	5.3317	.20211	.25106	.11251	2.4677

#1	11.612	.00678	.16663	17.243	5.6418	.23920	1.7053
#2	11.716	.00695	.17969	17.293	5.6619	.23958	1.7658

Sample Name: J6319-02 Acquired: 12/13/2018 22:00:19 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 056_BT-1-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17391	6.274	.58930	2.5825	F<.00000
Stddev	.00436	.022	.01018	.0714	.49772
%RSD	2.5047	.3527	1.7269	2.7641	1.6489

#1	.17083	6.258	.58210	2.5320	-29.833
#2	.17699	6.290	.59649	2.6330	-30.537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3875.4	53828.	5566.7	101.84	3724.2
Stddev	4.1	37.	70.4	1.82	7.4
%RSD	.10657	.06957	1.2654	1.7869	.20003

#1	3878.4	53802.	5616.5	103.13	3729.4
#2	3872.5	53855.	5516.9	100.56	3718.9

Sample Name: J6319-03 Acquired: 12/13/2018 22:04:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 057_BT-2-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02131	-.00795	2.0940	.07085	.00255	163.96	2.5197
Stddev	.00288	.00018	.0001	.00393	.00197	.03	.0100
%RSD	13.505	2.3121	.00428	5.5434	77.249	.01640	.39692

#1	.02335	-.00782	2.0940	.07362	.00116	163.94	2.5126
#2	.01928	-.00808	2.0939	.06807	.00394	163.97	2.5267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01180	-.00589	63.161	.24076	.13411	.66878	363.18
Stddev	.00013	.00046	.730	.00034	.00020	.00048	1.77
%RSD	1.1422	7.8770	1.1550	.14239	.14796	.07187	.48828

#1	.01171	-.00622	62.645	.24100	.13425	.66844	364.43
#2	.01190	-.00556	63.677	.24051	.13397	.66912	361.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9595	49.128	.27025	-.00231	3.5052	.33268	.86622
Stddev	.0024	.349	.00027	.00016	.0029	.00195	.00457
%RSD	.06107	.71036	.09856	6.8925	.08119	.58671	.52810

#1	3.9578	48.881	.27006	-.00242	3.5072	.33130	.86946
#2	3.9612	49.374	.27044	-.00219	3.5032	.33406	.86299

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.367	.00724	.29642	F 60.771	7.9756	.03722	1.8710
Stddev	.094	.00001	.00100	.143	.1703	.00105	.0042
%RSD	.61265	.08322	.33680	.23517	2.1355	2.8252	.22287

#1	15.300	.00724	.29712	60.670	8.0960	.03797	1.8680
#2	15.433	.00723	.29571	60.872	7.8551	.03648	1.8739

Sample Name: J6319-03 Acquired: 12/13/2018 22:04:18 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 057_BT-2-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26692	6.446	-.02294	<.00000	F<.00000
Stddev	.00539	.011	.00533	.30961	.56293
%RSD	2.0192	.1730	23.232	89.923	.56662

#1	.26311	6.438	-.02671	-.12538	-98.950
#2	.27073	6.454	-.01917	-.56323	-99.746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4180.6	57949.	5826.7	100.95	3794.0
Stddev	7.6	172.	41.8	.67	6.2
%RSD	.18275	.29618	.71806	.66290	.16353

#1	4175.2	57828.	5856.3	100.48	3789.6
#2	4186.0	58071.	5797.1	101.42	3798.4

Sample Name: J6319-05 Acquired: 12/13/2018 22:08:15 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 059_BT-3-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05021	-.00790	2.2255	.06665	.00758	141.66	3.2612
Stddev	.00009	.00202	.0132	.00050	.00157	.08	.0046
%RSD	.17264	25.576	.59138	.75710	20.727	.05665	.14168

#1	.05015	-.00932	2.2349	.06629	.00870	141.72	3.2644
#2	.05027	-.00647	2.2162	.06700	.00647	141.61	3.2579

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	-.00512	53.498	.60047	.11054	.54550	346.01
Stddev	.00006	.00081	.185	.00139	.00121	.00492	6.93
%RSD	.67130	15.880	.34508	.23190	1.0970	.90183	2.0029

#1	.00893	-.00455	53.368	.60145	.11140	.54898	341.11
#2	.00884	-.00570	53.629	.59949	.10968	.54203	350.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6382	44.736	.20167	-.00080	3.0863	.34584	1.3604
Stddev	.0006	.232	.00018	.00111	.0018	.00220	.0272
%RSD	.01336	.51888	.08881	138.08	.05689	.63520	1.9965

#1	4.6377	44.572	.20180	-.00159	3.0875	.34740	1.3412
#2	4.6386	44.900	.20155	-.00002	3.0850	.34429	1.3796

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.472	.00320	.29366	F 33.812	5.9575	.09711	1.5170
Stddev	.010	.00006	.01718	.061	.0961	.00136	.0054
%RSD	.06156	1.7894	5.8492	.18187	1.6130	1.3956	.35705

#1	15.465	.00316	.28151	33.855	6.0255	.09806	1.5208
#2	15.478	.00324	.30581	33.768	5.8896	.09615	1.5132

Sample Name: J6319-05 Acquired: 12/13/2018 22:08:15 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 059_BT-3-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22888	6.169	-.00815	.11158	F<.00000
Stddev	.00126	.038	.00679	.07400	.66166
%RSD	.55254	.6119	83.363	66.318	.72949

#1	.22799	6.196	-.00335	.05926	-90.235
#2	.22978	6.142	-.01295	.16390	-91.170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4218.4	58137.	5812.7	99.241	3822.9
Stddev	10.7	8.	7.1	1.910	15.0
%RSD	.25367	.01446	.12208	1.9251	.39351

#1	4210.8	58131.	5817.7	100.59	3812.2
#2	4226.0	58143.	5807.6	97.890	3833.5

Sample Name: J6319-07 Acquired: 12/13/2018 22:12:13 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 061_SW-N-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10295	-.00668	4.0304	.06918	.00799	129.58	7.3864
Stddev	.00026	.00363	.0092	.00053	.00120	.03	.0224
%RSD	.25515	54.319	.22839	.77192	15.045	.02510	.30279

#1	.10277	-.00411	4.0369	.06956	.00884	129.56	7.3706
#2	.10314	-.00924	4.0239	.06881	.00714	129.60	7.4022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00872	.00276	209.95	.76091	.13399	1.2629	326.01
Stddev	.00013	.00055	.76	.00278	.00011	.0011	1.47
%RSD	1.5245	19.741	.36433	.36483	.07864	.08833	.45086

#1	.00881	.00238	210.50	.76288	.13391	1.2637	327.05
#2	.00862	.00315	209.41	.75895	.13406	1.2621	324.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0454	47.709	.26351	.00138	3.6307	.32103	4.5155
Stddev	.0144	.215	.00159	.00006	.0214	.00283	.0348
%RSD	.28443	.45114	.60194	4.4649	.58984	.88074	.77022

#1	5.0353	47.862	.26463	.00133	3.6155	.32303	4.5401
#2	5.0556	47.557	.26239	.00142	3.6458	.31903	4.4909

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.913	.00683	.37346	7.5710	4.9411	.21337	2.0943
Stddev	.035	.00000	.00867	.0210	.0527	.00014	.0086
%RSD	.22083	.02596	2.3215	.27784	1.0676	.06784	.41032

#1	15.888	.00683	.37959	7.5561	4.9038	.21327	2.0882
#2	15.938	.00683	.36733	7.5858	4.9784	.21347	2.1004

Sample Name: J6319-07 Acquired: 12/13/2018 22:12:13 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 061_SW-N-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20363	F 13.25	.74774	<.00000	F<.00000
Stddev	.00032	.02	.00229	.02083	1.1753
%RSD	.15716	.1625	.30602	2.2059	1.3900

#1	.20340	13.27	.74935	-.92958	-85.389
#2	.20385	13.24	.74612	-.95903	-83.727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4349.0	60094.	6090.8	99.722	3664.0
Stddev	5.6	109.	6.6	.807	1.2
%RSD	.12958	.18144	.10831	.80880	.03211

#1	4353.0	60017.	6086.1	99.152	3664.8
#2	4345.0	60171.	6095.4	100.29	3663.1

Sample Name: J6319-09 Acquired: 12/13/2018 22:16:17 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 063_SW-E-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08591	-.00437	7.4053	.03804	.00407	78.811	2.0207
Stddev	.00087	.00045	.0048	.00001	.00038	.626	.0397
%RSD	1.0134	10.224	.06533	.03334	9.2939	.79484	1.9634

#1	.08530	-.00469	7.4087	.03805	.00434	78.368	1.9926
#2	.08653	-.00406	7.4018	.03803	.00380	79.254	2.0487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00008	21.298	.21530	.08536	.63878	174.19
Stddev	.00012	.00052	.441	.00052	.00001	.00275	4.48
%RSD	1.9412	624.70	2.0729	.24050	.01291	.43008	2.5699

#1	.00628	.00045	20.986	.21493	.08537	.64073	171.02
#2	.00646	-.00028	21.610	.21567	.08535	.63684	177.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7292	24.215	.20710	-.00121	2.4730	.23240	1.1530
Stddev	.0041	.801	.00032	.00015	.0469	.00051	.0168
%RSD	.23653	3.3097	.15481	12.561	1.8975	.21938	1.4606

#1	1.7263	23.648	.20732	-.00132	2.4398	.23276	1.1411
#2	1.7321	24.781	.20687	-.00110	2.5061	.23204	1.1649

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3452	.01617	.14456	F 28.275	2.1395	.04753	1.3720
Stddev	.1530	.00013	.00229	.052	.0283	.00055	.0248
%RSD	1.6370	.80246	1.5852	.18417	1.3219	1.1534	1.8064

#1	9.2370	.01608	.14294	28.312	2.1595	.04714	1.3545
#2	9.4534	.01626	.14618	28.238	2.1195	.04791	1.3895

Sample Name: J6319-09 Acquired: 12/13/2018 22:16:17 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 063_SW-E-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17580	5.389	.07679	.84100	F<.00000
Stddev	.00549	.009	.00007	.06475	.25812
%RSD	3.1255	.1729	.09383	7.6985	1.0390

#1	.17191	5.396	.07674	.79522	-25.025
#2	.17968	5.383	.07684	.88679	-24.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4145.7	57676.	5587.3	104.74	4056.7
Stddev	6.7	124.	71.4	1.64	6.0
%RSD	.16045	.21498	1.2770	1.5655	.14865

#1	4141.0	57764.	5637.7	105.90	4052.4
#2	4150.4	57588.	5536.8	103.58	4061.0

Sample Name: CCV11 Acquired: 12/13/2018 22:20:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115626BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8908	4.8216	4.8513	4.8244	4.9008	9.7455	10.624	.24545
Stddev	.0126	.0146	.0081	.0111	.0165	.2339	1.655	.00057
%RSD	.25700	.30281	.16654	.22992	.33707	2.3996	15.574	.23407
#1	4.8997	4.8113	4.8456	4.8322	4.9125	9.9108	11.794	.24585
#2	4.8819	4.8319	4.8570	4.8165	4.8891	9.5801	9.4537	.24504
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4007	27.110	.99418	2.4105	1.2318	5.3198	2.4708	26.394
Stddev	.0051	4.036	.00308	.0033	.0023	.8340	.0010	4.161
%RSD	.21253	14.887	.30944	.13663	.18498	15.678	.03886	15.766
#1	2.3971	29.964	.99201	2.4082	1.2334	5.9096	2.4701	29.337
#2	2.4043	24.256	.99636	2.4129	1.2302	4.7301	2.4715	23.452
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3929	1.2430	25.669	2.4048	2.7349	26.129	4.9504	5.1807
Stddev	.0025	.0009	4.001	.0035	.3689	3.801	.0079	.7730
%RSD	.10284	.07519	15.586	.14543	13.487	14.546	.16004	14.920
#1	2.3911	1.2436	28.498	2.4073	2.9957	28.816	4.9561	5.7273
#2	2.3946	1.2423	22.840	2.4023	2.4741	23.441	4.9448	4.6342
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7413	5.3692	4.8192	5.2394	5.1643	4.763	5.4315	F 4.3813
Stddev	.0254	.6873	.0002	.7963	.7911	.005	.8209	.1063
%RSD	.53648	12.802	.00451	15.198	15.319	.0997	15.114	2.4270
#1	4.7593	5.8552	4.8190	5.8025	5.7237	4.760	6.0119	4.4565
#2	4.7233	4.8832	4.8193	4.6763	4.6049	4.767	4.8510	4.3061

Sample Name: CCV11 Acquired: 12/13/2018 22:20:11 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115626BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2910
Stddev	.0140
%RSD	.61074

#1	2.2811
#2	2.3009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.5	51685.	4765.1	94.589	3947.2
Stddev	11.4	109.	623.8	12.702	3.0
%RSD	.30384	.21107	13.091	13.428	.07509

#1	3744.4	51608.	4324.0	85.608	3945.1
#2	3760.5	51762.	5206.2	103.57	3949.3

Sample Name: CCB11 Acquired: 12/13/2018 22:23:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115626BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00108	.00285	-.00016	-.00134	-.00308	.00067
Stddev	.00396	.00036	.00043	.00113	.00190	.00084	.00131
%RSD	1375.9	32.902	15.131	727.87	141.91	27.128	194.38

#1	-.00251	.00133	.00255	.00064	.00000	-.00367	.00160
#2	.00309	.00083	.00316	-.00095	-.00268	-.00249	-.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	.00277	.00008	.00021	-.00008	.01411
Stddev	.00003	.00007	.01167	.00011	.00008	.00014	.00006
%RSD	62.707	87.927	420.73	134.14	37.932	181.87	.41724

#1	.00003	-.00013	-.00548	.00016	.00026	.00002	.01407
#2	.00008	-.00003	.01103	.00000	.00015	-.00018	.01416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	-.01805	-.00087	.00044	-.12711	.00026	-.00352
Stddev	.00004	.07602	.00007	.00035	.00061	.00008	.00004
%RSD	13.527	421.19	8.4541	80.291	.48268	29.839	1.2399

#1	.00024	.03571	-.00092	.00069	-.12667	.00032	-.00355
#2	.00029	-.07181	-.00082	.00019	-.12754	.00021	-.00349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	.00054	-.00256	-.00385	-.00563	-.00016	.00214
Stddev	.02969	.00014	.00322	.00088	.00124	.00150	.00067
%RSD	2809.4	26.552	125.81	22.902	22.068	959.25	31.113

#1	.01994	.00064	-.00028	-.00448	-.00476	.00091	.00167
#2	-.02205	.00044	-.00484	-.00323	-.00651	-.00122	.00261

Sample Name: CCB11 Acquired: 12/13/2018 22:23:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115626BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.0019	-.00029	F 2.2763	F<.00000
Stddev	.00197	.0006	.00009	.1859	.06241
%RSD	2334.6	33.10	30.638	8.1670	27.115

#1	-.00131	-.0024	-.00022	2.1448	-.27430
#2	.00148	-.0015	-.00035	2.4077	-.18604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.0	55347.	5101.2	106.33	4494.2
Stddev	1.6	633.	9.9	.09	3.7
%RSD	.04157	1.1439	.19425	.08313	.08280

#1	3945.8	55794.	5094.2	106.27	4496.8
#2	3948.2	54899.	5108.2	106.39	4491.5

Sample Name: J6319-10 Acquired: 12/13/2018 22:28:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 064_SW-E-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12172	-.01065	5.5198	.11844	.00996	97.390	8.6575
Stddev	.00218	.00319	.0141	.00096	.00011	.332	.0781
%RSD	1.7937	29.894	.25554	.81444	1.1524	.34083	.90191

#1	.12017	-.01291	5.5298	.11776	.01004	97.155	8.6023
#2	.12326	-.00840	5.5098	.11913	.00988	97.624	8.7127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00757	-.00299	158.58	1.2716	.30343	3.0709	610.46
Stddev	.00012	.00214	2.30	.0009	.00006	.0175	18.32
%RSD	1.6367	71.696	1.4503	.06988	.02081	.57002	3.0004

#1	.00748	-.00147	156.95	1.2709	.30339	3.0833	597.51
#2	.00765	-.00450	160.20	1.2722	.30347	3.0585	623.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6997	24.534	.97221	-.00653	3.5526	.40055	3.3345
Stddev	.0112	.240	.00006	.00221	.0484	.00064	.0907
%RSD	.14553	.98005	.00609	33.840	1.3631	.15926	2.7191

#1	7.7076	24.364	.97217	-.00809	3.5184	.40100	3.2704
#2	7.6917	24.704	.97225	-.00497	3.5869	.40010	3.3986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.408	.01079	.45769	F 93.467	2.6456	.33895	1.7720
Stddev	.046	.00035	.02295	.166	.0195	.00020	.0055
%RSD	.44536	3.2788	5.0153	.17764	.73863	.05974	.31182

#1	10.376	.01104	.44146	93.584	2.6318	.33909	1.7681
#2	10.441	.01054	.47393	93.349	2.6594	.33881	1.7759

Sample Name: J6319-10 Acquired: 12/13/2018 22:28:04 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 064_SW-E-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14720	F 13.66	.16619	<.00000	F<.00000
Stddev	.00280	.04	.00864	.02819	1.2832
%RSD	1.9031	.2579	5.1985	4.8882	.59501

#1	.14522	13.68	.17230	-.59667	-216.57
#2	.14918	13.63	.16009	-.55680	-214.76

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.7	54679.	5569.7	101.13	3662.0
Stddev	19.1	71.	49.1	2.66	6.1
%RSD	.48969	.13026	.88167	2.6321	.16781

#1	3894.1	54629.	5604.4	103.01	3657.7
#2	3921.2	54730.	5535.0	99.246	3666.3

Sample Name: J6319-14 Acquired: 12/13/2018 22:32:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 068_DUP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11581	-.01181	5.3325	.08303	.00572	136.06	12.086
Stddev	.00268	.00258	.0336	.00646	.00249	1.51	.258
%RSD	2.3165	21.857	.63100	7.7834	43.530	1.1133	2.1332

#1	.11391	-.00999	5.3087	.07846	.00396	134.99	11.903
#2	.11771	-.01364	5.3563	.08760	.00748	137.13	12.268

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00870	.00543	302.05	1.6542	.12512	1.2141	404.91
Stddev	.00003	.00094	10.14	.0085	.00051	.0052	9.99
%RSD	.38411	17.384	3.3557	.51261	.40403	.43163	2.4682

#1	.00868	.00610	294.88	1.6482	.12476	1.2104	397.84
#2	.00873	.00476	309.22	1.6602	.12548	1.2179	411.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3305	53.315	.22433	.00003	4.1345	.38316	7.3683
Stddev	.0309	1.250	.00282	.00076	.0901	.00196	.1642
%RSD	.48892	2.3455	1.2550	2331.2	2.1793	.51069	2.2286

#1	6.3086	52.430	.22234	-.00050	4.0708	.38177	7.2522
#2	6.3524	54.199	.22632	.00057	4.1982	.38454	7.4844

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.811	.00669	.38043	9.1364	3.9906	.24198	2.1433
Stddev	.270	.00046	.00170	.0686	.0938	.00213	.0423
%RSD	1.9544	6.8991	.44611	.75118	2.3499	.88137	1.9730

#1	13.620	.00636	.38163	9.0878	3.9243	.24048	2.1134
#2	14.002	.00702	.37923	9.1849	4.0569	.24349	2.1732

Sample Name: J6319-14 Acquired: 12/13/2018 22:32:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 068_DUP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21735	9.932	.93244	.12618	F<.00000
Stddev	.00751	.090	.03123	.24014	.43563
%RSD	3.4547	.9079	3.3489	190.32	.39931

#1	.21204	9.868	.91036	-.04363	-109.40
#2	.22266	9.996	.95452	.29599	-108.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.1	55543.	5608.5	96.749	3606.2
Stddev	20.6	35.	107.8	2.050	17.6
%RSD	.51735	.06326	1.9230	2.1187	.48751

#1	3987.6	55568.	5684.8	98.199	3618.6
#2	3958.5	55519.	5532.2	95.300	3593.7

Sample Name: J6329-01 Acquired: 12/13/2018 22:36:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 071-PIPE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03492	-.00425	.88247	.04457	-.00058	69.482	.89523
Stddev	.00016	.00196	.00018	.00035	.00149	.061	.00088
%RSD	.46388	46.245	.02037	.78675	257.96	.08756	.09808

#1	.03503	-.00563	.88234	.04432	-.00163	69.439	.89461
#2	.03480	-.00286	.88260	.04482	.00047	69.525	.89585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	-.00314	103.57	.32678	.06229	.30042	255.02
Stddev	.00005	.00095	.14	.00190	.00031	.00050	7.87
%RSD	1.1201	30.419	.13869	.58252	.49895	.16757	3.0843

#1	.00437	-.00246	103.46	.32813	.06207	.30078	249.46
#2	.00444	-.00381	103.67	.32544	.06251	.30007	260.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0068	30.557	.10032	-.00532	2.2307	.30516	2.3571
Stddev	.0039	.046	.00110	.00167	.0034	.00144	.0590
%RSD	.19230	.14941	1.0928	31.320	.15353	.47292	2.5017

#1	2.0095	30.589	.10109	-.00650	2.2331	.30618	2.3154
#2	2.0041	30.525	.09954	-.00414	2.2283	.30414	2.3988

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3636	.00458	.17652	8.4591	4.3305	.04161	1.6782
Stddev	.0008	.00052	.00742	.0371	.0163	.00142	.0082
%RSD	.01533	11.278	4.2046	.43812	.37657	3.4050	.49000

#1	5.3642	.00422	.18177	8.4329	4.3420	.04061	1.6840
#2	5.3631	.00495	.17127	8.4853	4.3190	.04261	1.6723

Sample Name: J6329-01 Acquired: 12/13/2018 22:36:06 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 071-PIPE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07576	3.474	.40917	2.0465	F<.00000
Stddev	.00223	.006	.00636	.1022	.23382
%RSD	2.9400	.1749	1.5544	4.9955	.42265

#1	.07734	3.470	.41366	1.9742	-55.156
#2	.07419	3.478	.40467	2.1188	-55.487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.9	54182.	5359.5	103.28	3908.9
Stddev	1.7	158.	16.0	2.58	1.4
%RSD	.04429	.29233	.29905	2.5026	.03520

#1	3875.6	54070.	5348.2	105.11	3907.9
#2	3878.1	54294.	5370.8	101.45	3909.9

Sample Name: J6329-02 Acquired: 12/13/2018 22:40:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 072-DUP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05163	-.00070	.10843	.03561	-.00171	30.002	.31323
Stddev	.00017	.00005	.00146	.00036	.00025	.020	.00228
%RSD	.32417	7.7525	1.3465	1.0149	14.704	.06567	.72901

#1	.05175	-.00074	.10946	.03536	-.00154	29.988	.31161
#2	.05151	-.00066	.10739	.03587	-.00189	30.016	.31484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	-.00428	7.5894	.12178	.01501	.08418	194.09
Stddev	.00002	.00046	.0354	.00011	.00019	.00073	4.94
%RSD	.84146	10.697	.46589	.09054	1.2987	.86721	2.5448

#1	.00272	-.00395	7.5644	.12186	.01515	.08469	190.60
#2	.00269	-.00460	7.6144	.12170	.01487	.08366	197.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59063	4.0592	.01554	-.00399	1.0007	.19225	3.6334
Stddev	.00124	.0147	.00011	.00046	.0023	.00054	.0924
%RSD	.20953	.36168	.73694	11.577	.22580	.28014	2.5424

#1	.58975	4.0696	.01545	-.00432	.99908	.19187	3.5681
#2	.59150	4.0489	.01562	-.00366	1.0023	.19263	3.6987

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4673	.00521	.12657	5.2664	4.6784	.00411	.46498
Stddev	.0136	.00018	.00636	.0184	.0156	.00042	.00574
%RSD	.55260	3.4470	5.0217	.34988	.33328	10.312	1.2340

#1	2.4577	.00533	.12207	5.2534	4.6895	.00381	.46092
#2	2.4770	.00508	.13106	5.2794	4.6674	.00441	.46904

Sample Name: J6329-02 Acquired: 12/13/2018 22:40:01 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 072-DUP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02452	1.821	-.16140	2.1498	F<.00000
Stddev	.00048	.005	.00515	.1600	.16717
%RSD	1.9537	.2904	3.1921	7.4410	.52182

#1	.02418	1.817	-.15776	2.2629	-31.919
#2	.02486	1.825	-.16504	2.0366	-32.155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.9	54385.	5287.0	104.46	4165.7
Stddev	20.8	123.	35.7	2.34	7.8
%RSD	.52975	.22678	.67577	2.2398	.18712

#1	3908.2	54297.	5312.2	106.11	4160.2
#2	3937.6	54472.	5261.7	102.81	4171.2

Sample Name: J6372-01 Acquired: 12/13/2018 22:43:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FP-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03130	-.01237	1.0522	.05072	.00094	151.17	.90171
Stddev	.00577	.00049	.0004	.00165	.00108	.21	.00410
%RSD	18.437	3.9919	.03472	3.2491	114.35	.13692	.45468

#1	.02722	-.01202	1.0525	.05189	.00018	151.32	.89882
#2	.03538	-.01272	1.0520	.04956	.00170	151.03	.90461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01073	.00332	787.91	.45930	.15251	.61231	272.92
Stddev	.00007	.00118	7.35	.00094	.00022	.00154	9.50
%RSD	.69061	35.651	.93320	.20416	.14751	.25080	3.4791

#1	.01078	.00416	782.71	.45996	.15235	.61123	266.20
#2	.01068	.00248	793.11	.45864	.15267	.61340	279.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2044	76.001	.28690	.00088	5.3495	.47869	6.4722
Stddev	.0326	.624	.00128	.00094	.0401	.00108	.1989
%RSD	.52465	.82142	.44463	106.71	.74956	.22610	3.0736

#1	6.2274	75.560	.28599	.00022	5.3212	.47793	6.3316
#2	6.1814	76.442	.28780	.00155	5.3779	.47946	6.6129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.897	.02149	.39839	F 39.719	1.8853	.04101	4.2767
Stddev	.119	.00023	.01495	.209	.0147	.00091	.0047
%RSD	.57151	1.0610	3.7526	.52584	.77774	2.2095	.11090

#1	20.813	.02165	.38782	39.867	1.8956	.04037	4.2801
#2	20.982	.02133	.40896	39.571	1.8749	.04165	4.2734

Sample Name: J6372-01 Acquired: 12/13/2018 22:43:59 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FP-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20546	F 11.20	2.8323	2.4053	F<.00000
Stddev	.00107	.08	.0122	.2121	2.0523
%RSD	.52130	.6810	.43175	8.8172	3.9913

#1	.20470	11.25	2.8237	2.5553	-49.967
#2	.20621	11.14	2.8410	2.2554	-52.869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.7	52798.	5586.1	93.238	3362.5
Stddev	2.4	247.	28.2	2.896	11.2
%RSD	.06143	.46863	.50405	3.1065	.33427

#1	3828.1	52623.	5606.0	95.286	3354.5
#2	3831.4	52973.	5566.2	91.189	3370.4

Sample Name: J6373-01 Acquired: 12/13/2018 22:48:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A-FRAME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05124	-.00567	.75924	.03244	.00387	89.100	.64842
Stddev	.00144	.00000	.00258	.00006	.00050	.677	.01363
%RSD	2.8155	.03113	.33957	.19189	12.952	.75975	2.1027

#1	.05022	-.00567	.76106	.03240	.00423	88.621	.65806
#2	.05226	-.00567	.75741	.03249	.00352	89.578	.63878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00529	.00441	25.748	.28744	.10396	.64795	159.21
Stddev	.00020	.00017	.404	.00204	.00006	.00062	1.37
%RSD	3.8706	3.9254	1.5686	.70938	.06180	.09535	.85841

#1	.00515	.00454	26.034	.28599	.10401	.64839	158.24
#2	.00544	.00429	25.463	.28888	.10391	.64752	160.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2712	42.951	.24215	.00763	2.5403	.27053	1.0930
Stddev	.0059	.845	.00003	.00096	.0402	.00039	.0107
%RSD	.25930	1.9670	.01402	12.557	1.5810	.14448	.98134

#1	2.2670	43.549	.24213	.00696	2.5687	.27025	1.0854
#2	2.2754	42.354	.24218	.00831	2.5119	.27081	1.1005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.193	.00693	.11785	2.1006	4.8982	.05526	2.2182
Stddev	.183	.00010	.00264	.0035	.0300	.00049	.0388
%RSD	1.6334	1.3804	2.2429	.16634	.61269	.87883	1.7470

#1	11.322	.00700	.11598	2.1030	4.9194	.05560	2.2456
#2	11.063	.00687	.11972	2.0981	4.8770	.05492	2.1908

Sample Name: J6373-01 Acquired: 12/13/2018 22:48:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A-FRAME Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16450	3.454	-.02339	1.9185	F<.00000
Stddev	.00308	.001	.00327	.0400	1.0256
%RSD	1.8748	.0355	13.960	2.0863	4.9138

#1	.16668	3.453	-.02108	1.9468	-21.598
#2	.16232	3.455	-.02570	1.8902	-20.147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.2	55920.	5606.7	106.54	3984.5
Stddev	19.1	201.	103.0	.68	16.8
%RSD	.47259	.36004	1.8362	.64052	.42233

#1	4023.7	56062.	5533.9	107.03	3972.6
#2	4050.7	55778.	5679.5	106.06	3996.4

Sample Name: J6373-05 Acquired: 12/13/2018 22:51:55 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03878	-.00493	.43427	.03159	-.00007	66.747	.48083
Stddev	.00389	.00028	.00207	.00018	.00144	1.458	.00343
%RSD	10.042	5.7701	.47609	.56054	2049.7	2.1842	.71406

#1	.03602	-.00513	.43281	.03146	.00095	65.716	.48325
#2	.04153	-.00473	.43574	.03171	-.00109	67.778	.47840

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00270	36.526	.27626	.07226	.35589	166.40
Stddev	.00021	.00001	.109	.00616	.00028	.00173	.61
%RSD	5.2294	.49395	.29824	2.2289	.39333	.48640	.36730

#1	.00387	.00269	36.449	.27190	.07206	.35466	165.96
#2	.00417	.00271	36.603	.28061	.07246	.35711	166.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6100	38.373	.19101	.00639	1.0376	.20307	.90694
Stddev	.0585	.164	.00080	.00038	.0245	.00555	.00229
%RSD	2.2408	.42701	.42142	5.9830	2.3624	2.7352	.25288

#1	2.5687	38.489	.19044	.00666	1.0549	.19914	.90532
#2	2.6514	38.257	.19157	.00612	1.0202	.20700	.90856

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.112	.00557	.11871	1.3594	5.0072	.03364	1.8274
Stddev	.079	.00020	.00518	.0061	.0578	.00048	.0003
%RSD	.65579	3.6410	4.3612	.44656	1.1547	1.4401	.01645

#1	12.168	.00571	.11505	1.3551	5.0481	.03330	1.8271
#2	12.056	.00543	.12237	1.3637	4.9663	.03399	1.8276

Sample Name: J6373-05 Acquired: 12/13/2018 22:51:55 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-T1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13874	3.590	-.03131	1.6244	F<.00000
Stddev	.00138	.012	.00135	.6306	.03315
%RSD	.99107	.3216	4.3173	38.821	.15807

#1	.13777	3.581	-.03226	1.1785	-20.951
#2	.13971	3.598	-.03035	2.0703	-20.998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.6	55969.	5413.5	103.47	3984.5
Stddev	.4	929.	37.4	.31	.4
%RSD	.00941	1.6603	.69138	.30178	.00893

#1	3962.8	56626.	5387.0	103.69	3984.2
#2	3962.3	55312.	5439.9	103.25	3984.7

Sample Name: J6374-01 Acquired: 12/13/2018 22:55:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06920	-.01027	.93338	.05660	-.00167	127.20	1.0152
Stddev	.00256	.00173	.00014	.00193	.00182	1.09	.0081
%RSD	3.7068	16.830	.01453	3.4154	108.77	.85954	.80283

#1	.07101	-.01149	.93329	.05523	-.00296	126.43	1.0094
#2	.06738	-.00904	.93348	.05797	-.00039	127.97	1.0209

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00866	-.00048	440.49	.32154	.15724	.45425	295.78
Stddev	.00001	.00011	5.26	.00217	.00007	.00063	.94
%RSD	.13411	23.288	1.1932	.67631	.04623	.13843	.31795

#1	.00865	-.00040	436.77	.32000	.15730	.45469	295.12
#2	.00867	-.00056	444.20	.32307	.15719	.45380	296.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8575	167.70	1.1014	-.00380	4.9136	.40236	1.2659
Stddev	.0064	1.51	.0039	.00015	.0144	.00014	.0031
%RSD	.13182	.90276	.35379	3.9189	.29250	.03503	.24247

#1	4.8529	166.63	1.1042	-.00391	4.9034	.40226	1.2681
#2	4.8620	168.77	1.0987	-.00370	4.9237	.40246	1.2637

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.946	.00581	.24089	F 12.803	3.7767	.03091	2.4410
Stddev	.106	.00020	.01983	.033	.0284	.00282	.0319
%RSD	.75836	3.4406	8.2317	.25923	.75191	9.1253	1.3048

#1	13.872	.00596	.25491	12.780	3.7566	.03290	2.4185
#2	14.021	.00567	.22687	12.827	3.7968	.02891	2.4635

Sample Name: J6374-01 Acquired: 12/13/2018 22:55:50 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-029 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17731	6.835	.93023	2.3662	F<.00000
Stddev	.00256	.004	.00922	.1757	2.6748
%RSD	1.4438	.0547	.99064	7.4233	3.9767

#1	.17550	6.838	.92371	2.2420	-65.370
#2	.17912	6.833	.93674	2.4904	-69.152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3854.1	53606.	5565.4	97.679	3440.6
Stddev	3.3	73.	22.5	.199	.7
%RSD	.08498	.13627	.40512	.20352	.01915

#1	3856.4	53658.	5581.4	97.538	3440.1
#2	3851.7	53555.	5549.5	97.819	3441.0

Sample Name: J6374-03 Acquired: 12/13/2018 22:59:48 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07275	-.01209	.93899	.04917	.00117	139.47	1.0425
Stddev	.00573	.00080	.00883	.00052	.00159	.08	.0060
%RSD	7.8771	6.6126	.94078	1.0621	135.85	.05481	.57202

#1	.07680	-.01153	.93274	.04880	.00005	139.52	1.0468
#2	.06870	-.01266	.94524	.04954	.00229	139.42	1.0383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00973	-.00143	324.22	.35515	.17269	.45047	291.11
Stddev	.00002	.00074	1.66	.00057	.00034	.00218	5.60
%RSD	.15992	51.751	.51250	.16099	.19665	.48452	1.9229

#1	.00972	-.00195	325.40	.35556	.17245	.44893	295.06
#2	.00975	-.00091	323.05	.35475	.17293	.45201	287.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9020	130.88	.91419	-.00115	5.5565	.38886	1.3485
Stddev	.0043	.43	.00362	.00091	.0262	.00100	.0268
%RSD	.08782	.33204	.39560	79.802	.47072	.25700	1.9914

#1	4.8989	130.57	.91163	-.00050	5.5750	.38956	1.3675
#2	4.9050	131.19	.91675	-.00179	5.5380	.38815	1.3295

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.671	.00543	.24249	F 12.566	7.2966	.03107	2.4171
Stddev	.035	.00007	.01739	.026	.0162	.00078	.0113
%RSD	.22122	1.3586	7.1698	.20555	.22214	2.5193	.46901

#1	15.696	.00548	.25478	12.547	7.2851	.03163	2.4091
#2	15.647	.00538	.23020	12.584	7.3080	.03052	2.4251

Sample Name: J6374-03 Acquired: 12/13/2018 22:59:48 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-029 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19954	6.571	.65622	1.6838	F<.00000
Stddev	.00160	.020	.00099	.2021	1.4201
%RSD	.80020	.2965	.15153	12.003	2.2021

#1	.19841	6.557	.65552	1.8267	-65.492
#2	.20066	6.585	.65692	1.5409	-63.484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.8	55279.	5721.8	95.602	3513.1
Stddev	8.0	47.	16.7	2.110	5.8
%RSD	.20235	.08521	.29239	2.2073	.16586

#1	3971.1	55246.	5710.0	94.110	3517.3
#2	3982.5	55312.	5733.6	97.094	3509.0

Sample Name: J6376-01 Acquired: 12/13/2018 23:03:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02895	-.00881	.51507	.06015	-.00078	129.89	1.2410
Stddev	.00015	.00265	.00792	.00480	.00066	.14	.0022
%RSD	.50750	30.085	1.5381	7.9810	83.912	.10582	.17674

#1	.02884	-.00693	.50947	.05675	-.00032	129.99	1.2395
#2	.02905	-.01068	.52068	.06354	-.00124	129.80	1.2426

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00766	-.00154	79.688	.36251	.08013	.77860	314.93
Stddev	.00001	.00014	.332	.00123	.00047	.00620	2.01
%RSD	.12817	9.0363	.41612	.33871	.58903	.79576	.63912

#1	.00766	-.00164	79.454	.36164	.07980	.77422	313.51
#2	.00767	-.00144	79.923	.36338	.08046	.78298	316.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7620	56.231	.16643	.00043	1.2614	.38239	1.3687
Stddev	.0040	.464	.00313	.00020	.0144	.00022	.0128
%RSD	.22918	.82565	1.8782	46.826	1.1432	.05630	.93594

#1	1.7649	55.902	.16422	.00029	1.2512	.38254	1.3597
#2	1.7592	56.559	.16864	.00057	1.2716	.38224	1.3778

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5551	.00113	.25950	2.0033	5.5157	.11557	2.9296
Stddev	.0103	.00011	.00163	.0188	.1035	.00098	.0089
%RSD	.18604	9.8038	.62775	.93646	1.8758	.85139	.30487

#1	5.5478	.00121	.26065	1.9901	5.4426	.11627	2.9232
#2	5.5624	.00106	.25835	2.0166	5.5889	.11487	2.9359

Sample Name: J6376-01 Acquired: 12/13/2018 23:03:46 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10954	8.661	-.18089	<.00000	F<.00000
Stddev	.00014	.105	.00167	.00175	2.2116
%RSD	.12794	1.208	.92227	.11430	2.7500

#1	.10944	8.587	-.17971	-1.5283	-78.856
#2	.10964	8.735	-.18207	-1.5308	-81.983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4495.6	62065.	6248.6	101.16	3787.8
Stddev	28.2	29.	34.9	.76	35.6
%RSD	.62813	.04652	.55924	.74979	.93941

#1	4515.5	62045.	6273.3	101.70	3813.0
#2	4475.6	62086.	6223.9	100.62	3762.6

Sample Name: CCV12 Acquired: 12/13/2018 23:07:46 Type: Unk
Method: P4-ICP2(v2649) 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	4.9051	4.8339	4.8654	4.8502	4.9184	9.6826	10.267	.24691
Stddev	.0019	.0137	.0011	.0049	.0057	.1122	.826	.00045
%RSD	.03929	.28356	.02198	.10162	.11562	1.1585	8.0502	.18070
#1	4.9064	4.8242	4.8661	4.8537	4.9224	9.7619	10.851	.24722
#2	4.9037	4.8436	4.8646	4.8468	4.9144	9.6032	9.6822	.24659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4086	26.043	1.0024	2.4199	1.2363	4.9469	2.4799	25.428
Stddev	.0016	1.691	.0026	.0009	.0013	.3617	.0039	1.812
%RSD	.06685	6.4936	.25752	.03586	.10182	7.3125	.15706	7.1257
#1	2.4075	27.239	1.0042	2.4193	1.2371	5.2026	2.4827	26.710
#2	2.4098	24.847	1.0006	2.4205	1.2354	4.6911	2.4772	24.147
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4062	1.2518	24.814	2.4141	2.5734	25.213	4.9655	4.9861
Stddev	.0020	.0012	2.047	.0069	.1412	1.956	.0029	.3344
%RSD	.08437	.09207	8.2492	.28740	5.4853	7.7583	.05918	6.7058
#1	2.4048	1.2526	26.261	2.4092	2.6732	26.596	4.9676	5.2225
#2	2.4077	1.2510	23.366	2.4190	2.4736	23.830	4.9634	4.7497
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7506	5.2502	4.8286	5.0976	4.9874	4.775	5.2241	4.6460
Stddev	.0022	.3208	.0078	.3847	.3901	.015	.3872	.0746
%RSD	.04549	6.1103	.16265	7.5471	7.8216	.3039	7.4114	1.6060
#1	4.7491	5.4770	4.8231	5.3696	5.2633	4.765	5.4979	4.6988
#2	4.7521	5.0233	4.8342	4.8256	4.7116	4.786	4.9503	4.5933

Sample Name: CCV12 Acquired: 12/13/2018 23:07:46 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4974
Stddev .3124
%RSD 12.507

#1 2.2765
#2 2.7182

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.1	51278.	4858.1	99.316	3922.4
Stddev	15.4	173.	319.4	5.637	10.4
%RSD	.41340	.33751	6.5744	5.6761	.26620

#1	3719.2	51155.	4632.3	95.329	3915.0
#2	3741.0	51400.	5084.0	103.30	3929.8

Sample Name: CCB12 Acquired: 12/13/2018 23:11:33 Type: Unk
Method: P4-ICP2(v2649) 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	.00016	-.00116	.00275	.00065	-.00066	.00405	.00073	.00004
Stddev	.00311	.00099	.00090	.00003	.00104	.00162	.00006	.00011
%RSD	1961.1	85.308	32.694	4.1637	158.67	40.016	8.1745	267.86
#1	.00236	-.00186	.00339	.00067	-.00139	.00290	.00077	.00012
#2	-.00204	-.00046	.00211	.00063	.00008	.00519	.00069	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00964	-.00016	.00009	-.00027	.01121	.00026	-.01375
Stddev	.00002	.00559	.00017	.00002	.00012	.00359	.00002	.01519
%RSD	13.529	57.950	110.41	25.919	45.090	32.058	7.4000	110.51
#1	-.00012	.00569	-.00003	.00007	-.00019	.01375	.00025	-.02449
#2	-.00014	.01359	-.00028	.00010	-.00036	.00867	.00028	-.00300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00106	-.15979	.00080	-.00346	.01502	.00062	-.00912
Stddev	.00063	.00020	.01325	.00050	.00008	.03470	.00039	.01048
%RSD	104.36	19.252	8.2895	62.968	2.4502	230.97	63.523	114.90
#1	-.00105	.00120	-.16916	.00115	-.00340	.03956	.00090	-.00171
#2	-.00016	.00091	-.15043	.00044	-.00352	-.00951	.00034	-.01653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00683	-.00255	-.00085	.00088	.00117	-.0029	-.00029	F 2.9346
Stddev	.00262	.00073	.00020	.00115	.00014	.0006	.00013	.1428
%RSD	38.398	28.414	23.797	130.79	11.718	21.64	43.853	4.8662
#1	-.00868	-.00306	-.00071	.00170	.00127	-.0025	-.00038	3.0356
#2	-.00497	-.00204	-.00100	.00007	.00108	-.0034	-.00020	2.8336

Sample Name: CCB12 Acquired: 12/13/2018 23:11:33 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.07043
%RSD	993.48

#1	.04271
#2	-.05689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.1	54376.	5107.8	107.21	4476.2
Stddev	.4	177.	31.2	2.66	9.1
%RSD	.01020	.32626	.61032	2.4788	.20275

#1	3917.4	54251.	5129.8	105.33	4469.8
#2	3916.8	54502.	5085.7	109.09	4482.7

Sample Name: J6376-04 Acquired: 12/13/2018 23:15:39 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16699	-.00491	1.4234	.03887	.00068	88.669	.84953
Stddev	.00008	.00095	.0007	.00336	.00114	.017	.00246
%RSD	.04984	19.314	.04646	8.6365	167.39	.01909	.28967

#1	.16705	-.00424	1.4239	.03650	.00148	88.657	.84779
#2	.16693	-.00558	1.4229	.04124	-.00012	88.681	.85127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	.00392	33.648	.14253	.07643	1.0718	186.78
Stddev	.00003	.00006	.134	.00013	.00035	.0062	.64
%RSD	.48850	1.5405	.39681	.08927	.46225	.57486	.33999

#1	.00577	.00388	33.742	.14262	.07668	1.0762	186.33
#2	.00581	.00396	33.554	.14244	.07619	1.0675	187.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9963	16.326	.13920	.01304	1.6618	.25044	2.6381
Stddev	.0062	.143	.00118	.00049	.0044	.00053	.0027
%RSD	.20650	.87525	.85129	3.7367	.26340	.21189	.10253

#1	3.0007	16.225	.14003	.01339	1.6649	.25007	2.6362
#2	2.9920	16.427	.13836	.01270	1.6587	.25082	2.6400

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0489	.00480	.12951	1.8039	4.3618	.14769	1.2359
Stddev	.0069	.00012	.00672	.0015	.0016	.00039	.0003
%RSD	.13644	2.5051	5.1856	.08521	.03639	.26708	.02464

#1	5.0538	.00472	.13426	1.8050	4.3606	.14797	1.2362
#2	5.0441	.00489	.12476	1.8028	4.3629	.14741	1.2357

Sample Name: J6376-04 Acquired: 12/13/2018 23:15:39 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09355	4.655	-.04748	.74172	F<.00000
Stddev	.00237	.002	.00036	.16478	.64485
%RSD	2.5285	.0382	.76774	22.215	2.3910

#1	.09188	4.656	-.04722	.85824	-27.425
#2	.09522	4.654	-.04773	.62521	-26.513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4196.3	58288.	5719.9	103.76	4018.1
Stddev	10.5	130.	4.8	.06	3.4
%RSD	.25078	.22300	.08349	.06252	.08412

#1	4188.8	58196.	5716.5	103.81	4020.4
#2	4203.7	58380.	5723.3	103.72	4015.7

Sample Name: J6357-01 Acquired: 12/13/2018 23:19:34 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03645	-.00244	.08902	.01464	-.00402	25.918	.08599	.00262
Stddev	.00303	.00039	.00479	.00035	.00170	.024	.00454	.00001
%RSD	8.3211	15.908	5.3785	2.3729	42.355	.09429	5.2745	.44650

#1	.03860	-.00272	.08564	.01440	-.00523	25.901	.08920	.00263
#2	.03431	-.00217	.09241	.01489	-.00282	25.935	.08278	.00262

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	136.22	.10229	.03564	.03572	79.199	1.4478	32.885
Stddev	.00061	5.70	.00141	.00076	.00148	5.152	.0042	1.121
%RSD	34.687	4.1846	1.3740	2.1279	4.1398	6.5047	.28921	3.4076

#1	-.00219	140.25	.10129	.03510	.03467	82.842	1.4449	33.677
#2	-.00133	132.19	.10328	.03617	.03676	75.556	1.4508	32.093

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23927	-.00174	1.1484	.11637	.25015	8.3220	.00040	.09475
Stddev	.00388	.00083	.0699	.00088	.01543	.3531	.00022	.00148
%RSD	1.6210	47.629	6.0914	.75247	6.1697	4.2427	54.276	1.5606

#1	.23653	-.00115	1.1978	.11699	.26107	8.5717	.00056	.09580
#2	.24202	-.00232	1.0989	.11575	.23924	8.0724	.00025	.09371

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1908	.92589	.01190	.74042	.05946	3.150	.22760	3.2868
Stddev	.0164	.04497	.00040	.02778	.00020	.065	.00732	.0284
%RSD	1.3730	4.8570	3.3351	3.7519	.33965	2.052	3.2146	.86252

#1	1.1792	.95769	.01218	.76007	.05960	3.104	.23278	3.2668
#2	1.2023	.89409	.01162	.72078	.05932	3.196	.22243	3.3068

Sample Name: J6357-01 Acquired: 12/13/2018 23:19:34 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.9030
Stddev	.3926
%RSD	20.630

#1	2.1806
#2	1.6254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3789.7	53284.	5124.0	101.80	3908.5
Stddev	43.2	46.	223.9	6.61	51.1
%RSD	1.1406	.08558	4.3700	6.4979	1.3077

#1	3820.2	53316.	4965.7	97.120	3944.7
#2	3759.1	53252.	5282.4	106.47	3872.4

Sample Name: J6357-01DUP Acquired: 12/13/2018 23:23:33 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01ADUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03801	-.00338	.08898	.01894	-.00583	26.903	.09018	.00255
Stddev	.00099	.00011	.00095	.00143	.00082	.211	.00008	.00006
%RSD	2.6039	3.1131	1.0646	7.5293	13.992	.78442	.08381	2.4350

#1	.03731	-.00331	.08831	.01995	-.00526	26.754	.09012	.00250
#2	.03871	-.00346	.08965	.01793	-.00641	27.052	.09023	.00259

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	139.96	.10333	.03817	.03699	80.790	1.5407	36.331
Stddev	.00003	1.01	.00000	.00014	.00016	.679	.0034	.229
%RSD	1.8699	.72240	.00165	.36251	.41982	.84074	.22310	.62966

#1	-.00163	139.24	.10333	.03827	.03710	80.310	1.5382	36.169
#2	-.00168	140.67	.10333	.03807	.03688	81.271	1.5431	36.492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27482	-.00164	1.0985	.12095	.25414	8.3738	.00016	.09517
Stddev	.00016	.00018	.0057	.00025	.00100	.0998	.00029	.00513
%RSD	.05725	10.853	.51884	.20726	.39300	1.1914	178.65	5.3864

#1	.27493	-.00151	1.1026	.12077	.25343	8.3032	-.00004	.09880
#2	.27470	-.00176	1.0945	.12112	.25485	8.4443	.00036	.09155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1893	.92878	.01112	.74364	.05953	3.240	.21705	3.1903
Stddev	.0010	.00359	.00063	.00501	.00034	.003	.00169	.0520
%RSD	.08316	.38647	5.6690	.67333	.57205	.0870	.78003	1.6290

#1	1.1900	.92624	.01156	.74010	.05929	3.242	.21585	3.1536
#2	1.1886	.93131	.01067	.74718	.05977	3.238	.21825	3.2271

Sample Name: J6357-01DUP Acquired: 12/13/2018 23:23:33 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01ADUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1781
 Stddev .0228
 %RSD 1.9383

#1 1.1619
 #2 1.1942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.8	53258.	5262.9	102.81	3935.3
Stddev	4.4	31.	17.4	.21	6.9
%RSD	.11510	.05888	.33066	.20340	.17650

#1	3825.7	53236.	5275.2	102.96	3930.4
#2	3832.0	53280.	5250.6	102.67	3940.3

Sample Name: J6357-01LX5 Acquired: 12/13/2018 23:27:32 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00682	-.00026	.01883	.00411	-.00348	5.4283	.01951	.00064
Stddev	.00008	.00160	.00001	.00022	.00135	.2944	.00107	.00015
%RSD	1.1838	619.91	.05424	5.4555	38.787	5.4236	5.4823	23.120

#1	.00688	-.00139	.01884	.00427	-.00252	5.2201	.01875	.00053
#2	.00676	.00087	.01883	.00396	-.00443	5.6365	.02026	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	28.648	.02221	.00720	.00726	16.297	.32500	7.2495
Stddev	.00006	.762	.00129	.00010	.00041	.195	.01694	.2430
%RSD	9.9609	2.6603	5.8148	1.3707	5.6539	1.1971	5.2125	3.3523

#1	-.00068	28.110	.02129	.00713	.00755	16.159	.31302	7.0777
#2	-.00059	29.187	.02312	.00727	.00697	16.435	.33698	7.4214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04967	-.00014	.09610	.02486	.04901	1.6354	-.00014	.01527
Stddev	.00034	.00014	.02178	.00140	.00027	.0183	.00024	.00862
%RSD	.67924	97.538	22.666	5.6144	.55772	1.1195	180.88	56.454

#1	.04943	-.00004	.08070	.02387	.04882	1.6224	.00004	.02136
#2	.04991	-.00024	.11151	.02585	.04920	1.6483	-.00031	.00917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21863	.19954	.00259	.15043	.01268	.6102	.04599	3.8325
Stddev	.00040	.00654	.00058	.00476	.00079	.0055	.00136	.8047
%RSD	.18090	3.2800	22.510	3.1658	6.2147	.8968	2.9673	20.998

#1	.21835	.19491	.00300	.14706	.01213	.6063	.04502	3.2634
#2	.21891	.20416	.00217	.15379	.01324	.6140	.04695	4.4015

Sample Name: J6357-01LX5 Acquired: 12/13/2018 23:27:32 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1419
Stddev	.0404
%RSD	.97522

#1	4.1134
#2	4.1705

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.1	52145.	5078.1	103.90	4233.6
Stddev	4.0	2105.	97.5	.60	4.1
%RSD	.10332	4.0358	1.9191	.57848	.09734

#1	3850.3	53633.	5147.0	104.33	4236.5
#2	3855.9	50657.	5009.2	103.48	4230.6

Sample Name: J6357-02 Acquired: 12/13/2018 23:31:36 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6357-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84054	2.0339	1.1234	1.9513	.34150	30.334	.29196	.20796
Stddev	.00176	.0040	.0004	.0042	.00082	.192	.00767	.00038
%RSD	.20884	.19760	.03834	.21424	.23909	.63169	2.6259	.18044

#1	.84178	2.0368	1.1237	1.9543	.34207	30.469	.29738	.20770
#2	.83930	2.0311	1.1231	1.9484	.34092	30.198	.28653	.20823

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19863	123.04	.53605	.23862	.39533	86.755	1.5282	21.200
Stddev	.00029	2.37	.00148	.00109	.00050	3.131	.0010	.347
%RSD	.14734	1.9261	.27542	.45669	.12586	3.6087	.06327	1.6348

#1	.19842	124.71	.53709	.23939	.39568	88.969	1.5289	21.445
#2	.19883	121.36	.53500	.23785	.39498	84.541	1.5275	20.955

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61166	.07220	4.5951	.42771	.47113	21.083	.37010	.40834
Stddev	.00019	.00038	.0885	.00257	.01911	.495	.00059	.01969
%RSD	.03094	.53325	1.9259	.60045	4.0569	2.3472	.15893	4.8222

#1	.61179	.07247	4.6576	.42590	.48465	21.433	.37052	.42226
#2	.61152	.07193	4.5325	.42953	.45762	20.733	.36968	.39442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8138	1.7876	.67195	1.0877	.27639	8.863	.47633	3.2948
Stddev	.0114	.0325	.00120	.0217	.00639	.057	.00971	.0246
%RSD	.63029	1.8204	.17816	1.9948	2.3123	.6442	2.0391	.74743

#1	1.8219	1.8106	.67110	1.1031	.28091	8.903	.48320	3.3122
#2	1.8057	1.7646	.67279	1.0724	.27187	8.822	.46946	3.2774

Sample Name: J6357-02 Acquired: 12/13/2018 23:31:36 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6357-01MS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .12485
%RSD 14.069

#1 -.97572
#2 -.79916

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.4	53078.	5072.0	99.978	3942.9
Stddev	4.1	207.	87.6	3.317	4.0
%RSD	.10838	.39074	1.7269	3.3178	.10028

#1	3823.5	52932.	5010.1	97.632	3940.1
#2	3829.3	53225.	5134.0	102.32	3945.7

Sample Name: J6357-03 Acquired: 12/13/2018 23:35:26 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6357-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84050	2.0305	1.1274	1.9540	.34214	30.122	.28306
Stddev	.00373	.0017	.0020	.0141	.00004	.380	.00680
%RSD	.44390	.08560	.17992	.72385	.01185	1.2607	2.4018

#1	.84314	2.0293	1.1288	1.9640	.34212	29.854	.27826
#2	.83786	2.0317	1.1259	1.9440	.34217	30.391	.28787

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20838	.19903	119.45	.53504	.23944	.39675	83.939
Stddev	.00031	.00052	4.00	.00122	.00046	.00051	2.417
%RSD	.14642	.26002	3.3491	.22746	.19374	.12793	2.8792

#1	.20860	.19940	116.62	.53418	.23912	.39711	82.230
#2	.20817	.19867	122.28	.53590	.23977	.39639	85.648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5277	20.649	.61330	.07240	4.4319	.42961	.45759
Stddev	.0001	.608	.00036	.00031	.1030	.00151	.01161
%RSD	.00723	2.9429	.05916	.43431	2.3232	.35258	2.5369

#1	1.5276	20.219	.61304	.07262	4.3591	.43068	.44938
#2	1.5278	21.079	.61356	.07218	4.5047	.42854	.46580

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.447	.37142	.38887	1.8229	1.7556	.67229	1.0622
Stddev	.490	.00161	.01249	.0110	.0311	.00132	.0299
%RSD	2.3964	.43354	3.2115	.60523	1.7689	.19619	2.8152

#1	20.101	.37256	.38004	1.8151	1.7336	.67136	1.0411
#2	20.794	.37029	.39770	1.8307	1.7775	.67322	1.0834

Sample Name: J6357-03 Acquired: 12/13/2018 23:35:26 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6357-01MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26443	8.860	.46146	3.1793	F<.00000
Stddev	.00747	.043	.01581	.3695	.58689
%RSD	2.8262	.4871	3.4269	11.624	57.795

#1	.25915	8.830	.45028	2.9179	-.60047
#2	.26971	8.891	.47264	3.4406	-1.4305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.8	53327.	5211.7	102.80	3937.7
Stddev	7.9	57.	112.4	2.07	.7
%RSD	.20770	.10689	2.1573	2.0136	.01663

#1	3808.2	53367.	5291.2	104.27	3938.1
#2	3819.5	53286.	5132.2	101.34	3937.2

Sample Name: J6357-01A Acquired: 12/13/2018 23:39:16 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83633	2.0273	1.1198	1.9515	.34202	30.547	.28681	.21096
Stddev	.00412	.0003	.0018	.0012	.00125	.549	.00135	.00299
%RSD	.49214	.01425	.15895	.05878	.36592	1.7977	.47195	1.4182
#1	.83924	2.0275	1.1186	1.9506	.34290	30.158	.28777	.20884
#2	.83342	2.0271	1.1211	1.9523	.34113	30.935	.28586	.21308
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19818	120.90	.54513	.23791	.39653	83.738	1.5489	20.982
Stddev	.00022	.57	.00692	.00043	.00169	.838	.0250	.041
%RSD	.11013	.46837	1.2689	.18223	.42608	1.0008	1.6127	.19659
#1	.19802	120.50	.54024	.23760	.39772	83.146	1.5313	21.011
#2	.19833	121.30	.55002	.23821	.39533	84.331	1.5666	20.953
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61304	.07415	4.5029	.43561	.45358	20.673	.37133	.40108
Stddev	.00010	.00121	.0132	.00595	.00431	.020	.00011	.00917
%RSD	.01640	1.6255	.29204	1.3652	.95117	.09696	.03081	2.2864
#1	.61311	.07329	4.5122	.43141	.45053	20.659	.37125	.39460
#2	.61297	.07500	4.4936	.43982	.45663	20.687	.37141	.40757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8124	1.7642	.67227	1.0757	.27057	8.864	.47035	3.6224
Stddev	.0040	.0088	.00052	.0032	.00212	.020	.00031	.2629
%RSD	.22228	.49963	.07684	.29263	.78484	.2294	.06572	7.2566
#1	1.8153	1.7704	.67191	1.0780	.26907	8.879	.47056	3.4365
#2	1.8096	1.7579	.67264	1.0735	.27207	8.850	.47013	3.8083

Sample Name: J6357-01A Acquired: 12/13/2018 23:39:16 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01A Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .14925
%RSD 18.493

#1 -.91263
#2 -.70155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.5	52542.	5149.5	103.29	3950.4
Stddev	7.1	562.	6.9	.76	1.5
%RSD	.18570	1.0691	.13484	.73559	.03856

#1	3813.5	52940.	5144.6	103.83	3949.3
#2	3823.5	52145.	5154.4	102.75	3951.5

Sample Name: J6357-04 Acquired: 12/13/2018 23:43:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89454	-.02248	5.8899	.26342	.02882	132.94	4.8450	.00980
Stddev	.00111	.00156	.0034	.00970	.00044	.59	.0125	.00001
%RSD	.12417	6.9373	.05797	3.6826	1.5290	.44729	.25737	.07167
#1	.89533	-.02358	5.8923	.25656	.02851	132.52	4.8362	.00981
#2	.89376	-.02137	5.8874	.27028	.02913	133.36	4.8538	.00980
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03797	525.06	F 4.2058	.31056	94.071	854.27	27.040	93.467
Stddev	.00191	2.67	.0114	.00018	.121	15.96	.040	.482
%RSD	5.0196	.50891	.27156	.05845	.12824	1.8686	.14792	.51536
#1	.03931	523.17	4.1978	.31069	94.156	842.98	27.068	93.126
#2	.03662	526.95	4.2139	.31043	93.986	865.56	27.011	93.807
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68257	.11253	5.0646	1.0826	17.651	10.205	.07818	1.0329
Stddev	.00003	.00196	.0150	.0014	.274	.031	.00013	.0209
%RSD	.00395	1.7425	.29563	.12428	1.5546	.29983	.16907	2.0251
#1	.68255	.11115	5.0752	1.0835	17.457	10.183	.07809	1.0181
#2	.68258	.11392	5.0541	1.0816	17.845	10.226	.07827	1.0477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.028	3.4180	.27315	4.7095	.15897	7.556	.36829	<.00000
Stddev	.032	.0454	.00038	.0264	.00212	.015	.01323	.28109
%RSD	.20959	1.3292	.13811	.56027	1.3316	.1929	3.5919	564.89
#1	15.006	3.3859	.27288	4.6909	.15748	7.546	.37765	.14900
#2	15.051	3.4501	.27341	4.7282	.16047	7.566	.35894	-.24852

Sample Name: J6357-04 Acquired: 12/13/2018 23:43:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07A Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.6	50688.	5322.3	91.006	3256.9
Stddev	9.0	20.	3.0	1.248	3.1
%RSD	.25634	.03856	.05632	1.3717	.09409
#1	3518.2	50674.	5320.2	91.888	3254.7
#2	3530.9	50702.	5324.5	90.123	3259.0

Sample Name: J6357-05 Acquired: 12/13/2018 23:47:10 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-07B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3215	-.07969	13.577	.24702	.01917	540.88	5.4083	.03057
Stddev	.0007	.00340	.076	.00328	.01175	2.83	.0275	.00032
%RSD	.02909	4.2667	.55714	1.3288	61.319	.52306	.50835	1.0430
#1	2.3220	-.08209	13.524	.24470	.02748	538.88	5.4277	.03034
#2	2.3210	-.07729	13.631	.24934	.01086	542.88	5.3888	.03079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03553	F 2311.6	F 26.043	1.0925	154.95	F 1345.4	5.3859	289.31
Stddev	.00346	30.8	.217	.0001	.15	24.9	.0295	.56
%RSD	9.7462	1.3322	.83342	.00830	.09504	1.8511	.54756	.19493
#1	.03308	2289.8	25.889	1.0924	154.85	1363.0	5.3651	289.71
#2	.03798	2333.4	26.196	1.0925	155.05	1327.8	5.4068	288.91
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8911	.03534	32.438	2.6598	24.730	66.438	.15715	1.4763
Stddev	.0009	.00465	.194	.0136	.503	.334	.00007	.0491
%RSD	.04530	13.154	.59914	.51066	2.0346	.50319	.04727	3.3246
#1	1.8905	.03863	32.575	2.6502	25.086	66.674	.15709	1.5110
#2	1.8917	.03206	32.300	2.6694	24.375	66.201	.15720	1.4416
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.142	3.2003	1.7446	F 11.167	.71132	F 30.60	2.7669	<.00000
Stddev	.011	.0200	.0035	.031	.00004	.15	.0307	.10793
%RSD	.11067	.62489	.20221	.27426	.00569	.4780	1.1090	11.430
#1	10.134	3.1862	1.7421	11.189	.71129	30.50	2.7452	-1.0206
#2	10.150	3.2144	1.7471	11.145	.71135	30.71	2.7886	-.86792

Sample Name: J6357-05 Acquired: 12/13/2018 23:47:10 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-07B Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.9	49322.	5559.0	77.743	2506.2
Stddev	2.5	127.	15.4	1.462	15.9
%RSD	.07510	.25671	.27638	1.8812	.63315
#1	3382.7	49412.	5548.1	76.709	2517.4
#2	3379.1	49233.	5569.8	78.777	2495.0

Sample Name: J6357-06 Acquired: 12/13/2018 23:51:14 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2500	-.09341	27.031	.40111	.06055	535.65	8.3542	.06072
Stddev	.0073	.00053	.083	.00559	.00567	2.49	.0072	.00019
%RSD	.32333	.56553	.30769	1.3944	9.3638	.46521	.08622	.31228

#1	2.2448	-.09378	27.090	.39715	.05654	533.89	8.3491	.06085
#2	2.2551	-.09303	26.973	.40506	.06456	537.42	8.3593	.06058

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05248	F 2181.0	F 18.561	1.8859	172.69	F 2094.1	5.3580	285.54
Stddev	.00071	8.7	.121	.0097	.75	11.1	.0034	.48
%RSD	1.3584	.39902	.64982	.51305	.43622	.52878	.06405	.16960

#1	.05197	2174.9	18.476	1.8927	173.22	2101.9	5.3555	285.20
#2	.05298	2187.2	18.646	1.8790	172.15	2086.3	5.3604	285.89

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4468	.05338	43.061	1.7906	F 53.048	76.445	.24015	2.1459
Stddev	.0087	.00195	.049	.0026	.722	.190	.00031	.0207
%RSD	.25184	3.6446	.11280	.14664	1.3604	.24891	.12831	.96417

#1	3.4529	.05476	43.027	1.7887	53.558	76.310	.23993	2.1605
#2	3.4407	.05201	43.096	1.7925	52.537	76.579	.24037	2.1313

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.592	3.2817	3.1062	9.7428	.65510	F 27.80	2.7803	<.00000
Stddev	.028	.0119	.0050	.0258	.00029	.00	.0320	.14687
%RSD	.22455	.36242	.16135	.26504	.04402	.0159	1.1502	3.1293

#1	12.612	3.2733	3.1098	9.7246	.65530	27.80	2.7577	-4.7972
#2	12.572	3.2901	3.1027	9.7611	.65490	27.81	2.8029	-4.5895

Sample Name: J6357-06 Acquired: 12/13/2018 23:51:14 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08A Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.7	49404.	5531.6	72.644	2352.7
Stddev	16.0	102.	5.2	.707	9.4
%RSD	.47427	.20583	.09452	.97319	.39760
#1	3371.3	49476.	5535.3	72.144	2346.1
#2	3394.0	49332.	5527.9	73.144	2359.3

Sample Name: CCV13 Acquired: 12/13/2018 23:55:31 Type: Unk
Method: P4-ICP2(v2649) 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	4.9501	4.8961	4.9124	4.9021	4.9558	9.7373	10.003	.24992
Stddev	.0250	.0158	.0068	.0094	.0080	.1026	.019	.00079
%RSD	.50556	.32234	.13903	.19066	.16079	1.0535	.19093	.31705
#1	4.9324	4.8850	4.9172	4.8955	4.9501	9.6648	9.9900	.25048
#2	4.9678	4.9073	4.9075	4.9087	4.9614	9.8098	10.017	.24936
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4345	25.429	1.0148	2.4415	1.2520	4.9503	2.5104	24.847
Stddev	.0001	.205	.0035	.0019	.0046	.1170	.0028	.141
%RSD	.00332	.80451	.34053	.07629	.36609	2.3630	.11305	.56579
#1	2.4345	25.284	1.0124	2.4428	1.2487	4.8676	2.5124	24.747
#2	2.4346	25.574	1.0173	2.4402	1.2552	5.0330	2.5084	24.946
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4320	1.2619	24.146	2.4502	2.5459	24.608	5.0061	4.8669
Stddev	.0024	.0035	.045	.0032	.0399	.075	.0143	.0533
%RSD	.09986	.27487	.18634	.13181	1.5662	.30663	.28530	1.0952
#1	2.4338	1.2595	24.114	2.4524	2.5177	24.554	4.9960	4.8292
#2	2.4303	1.2644	24.177	2.4479	2.5741	24.661	5.0162	4.9046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8088	5.1671	4.8775	4.9688	4.8113	4.852	5.1074	4.7063
Stddev	.0158	.0212	.0149	.0207	.0150	.023	.0296	.0287
%RSD	.32782	.41098	.30615	.41649	.31282	.4765	.58052	.60934
#1	4.7976	5.1521	4.8669	4.9541	4.8007	4.835	5.0865	4.6860
#2	4.8199	5.1821	4.8880	4.9834	4.8220	4.868	5.1284	4.7266

Sample Name: CCV13 Acquired: 12/13/2018 23:55:31 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4186
Stddev 1.3393
%RSD 55.374

#1 1.4716
#2 3.3656

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3714.1	50912.	4933.4	100.48	3899.7
Stddev	3.5	106.	.9	1.53	3.2
%RSD	.09389	.20841	.01769	1.5184	.08181

#1	3716.6	50837.	4934.0	101.56	3897.4
#2	3711.7	50987.	4932.8	99.401	3901.9

Sample Name: CCB13 Acquired: 12/13/2018 23:59:17 Type: Unk
Method: P4-ICP2(v2649) 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	k .00021	k -.00013	kF .00470	k -.00114	k -.00207	s .01881	.00056
Stddev	.00311	.00066	.00018	.00168	.00144	.00330	.00073
%RSD	1512.3	502.91	3.8219	148.14	69.746	17.554	128.71

#1	k -.00199	k .00034	k .00457	k .00005	k -.00105	s .02114	.00108
#2	.00240	-.00060	.00483	-.00233	-.00309	.01647	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00006	k -.00013	k .00888	s .00079	k -.00001	k .00104	k .01692
Stddev	.00007	.00005	.00872	.00033	.00003	.00088	.00857
%RSD	115.96	34.556	98.219	41.521	238.83	84.231	50.651

#1	s .00012	k -.00010	k .00271	s .00056	k -.00003	k .00166	k .01086
#2	.00001	-.00016	.01504	.00102	.00001	.00042	.02297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00020	.01355	k -.00097	s .00086	-.14562	s .00027	k -.00187
Stddev	.00005	.01372	.00040	.00058	.00421	.00045	.00008
%RSD	25.214	101.20	41.322	66.749	2.8878	169.13	4.3673

#1	s .00024	.02325	k -.00068	s .00127	-.14859	s .00059	k -.00182
#2	.00017	.00386	-.00125	.00045	-.14264	-.00005	-.00193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01082	.00055	k .00457	k -.00456	k -.00374	k -.00022	k .00074
Stddev	.04796	.00024	.00379	.00099	.00194	.00070	.00011
%RSD	443.12	44.902	82.982	21.777	51.940	322.59	14.736

#1	-.04474	.00072	k .00725	k -.00386	k -.00511	k -.00071	k .00082
#2	.02309	.00037	.00189	-.00527	-.00237	.00028	.00066

Sample Name: CCB13 Acquired: 12/13/2018 23:59:17 Type: Unk
 Method: P4-ICP2(v2649) 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	.00015	k -.0018	k -.00018	F 2.8012	F<.00000
Stddev	.00092	.0007	.00015	.2513	.23450
%RSD	635.26	41.44	83.326	8.9706	35.983

#1	-.00051	k -.0012	k -.00007	2.6235	-.81752
#2	.00080	-.0023	-.00028	2.9789	-.48588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3871.7	^ *****	5031.5	105.56	4426.2
Stddev	25.2	-----	5.0	3.08	28.3
%RSD	.65007	-----	.09889	2.9139	.63831

#1	3853.9	^ -----	5035.1	107.73	4406.2
#2	3889.5	53397.	5028.0	103.38	4446.2

Sample Name: J6357-07 Acquired: 12/14/2018 0:03:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04186	-.00189	.02812	.02779	.00066	13.273	.37501	.00281
Stddev	.00359	.00019	.00012	.00645	.00111	.134	.00079	.00009
%RSD	8.5688	9.9653	.41699	23.194	167.64	1.0066	.21197	3.2675
#1	.04440	-.00176	.02804	.02324	-.00012	13.178	.37557	.00275
#2	.03932	-.00203	.02820	.03235	.00145	13.367	.37445	.00288
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	39.563	.05329	.02830	.91155	54.920	.13011	7.8772
Stddev	.00006	.011	.00086	.00010	.00301	.409	.00081	.0355
%RSD	5.4179	.02897	1.6230	.34749	.33009	.74418	.61964	.45082
#1	.00117	39.554	.05268	.02837	.91367	54.631	.12954	7.9023
#2	.00108	39.571	.05390	.02823	.90942	55.209	.13068	7.8520
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09917	.00367	1.4644	.13348	.77428	5.2109	.01112	.03886
Stddev	.00077	.00021	.0037	.00056	.00050	.0066	.00018	.00354
%RSD	.77507	5.6994	.25271	.42149	.06404	.12577	1.5972	9.1026
#1	.09971	.00352	1.4670	.13308	.77393	5.2063	.01100	.04136
#2	.09863	.00381	1.4618	.13388	.77463	5.2156	.01125	.03635
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5431	.81622	.00228	2.3271	.01621	.7047	.26300	2.6210
Stddev	.0022	.00198	.00007	.0059	.00121	.0007	.00041	.0997
%RSD	.08647	.24250	2.9141	.25204	7.4686	.0972	.15705	3.8018
#1	2.5446	.81761	.00223	2.3230	.01707	.7042	.26330	2.6914
#2	2.5415	.81482	.00233	2.3313	.01536	.7052	.26271	2.5505

Sample Name: J6357-07 Acquired: 12/14/2018 0:03:24 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-08B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.0164
Stddev 1.7492
%RSD 43.552

#1 5.2532
#2 2.7795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.2	54318.	5188.2	103.90	4189.4
Stddev	7.6	106.	47.6	.01	3.1
%RSD	.19375	.19583	.91799	.01148	.07467

#1	3900.8	54393.	5154.6	103.91	4187.2
#2	3911.5	54243.	5221.9	103.90	4191.6

Sample Name: J6357-08 Acquired: 12/14/2018 0:07:23 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23155	-.00676	1.3944	.07040	.01350	87.648	3.3352
Stddev	.00057	.00095	.0086	.00162	.00158	.445	.0041
%RSD	.24669	14.011	.61621	2.2999	11.695	.50804	.12221

#1	.23114	-.00743	1.4005	.07155	.01238	87.334	3.3323
#2	.23195	-.00609	1.3884	.06926	.01461	87.963	3.3381

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00819	.01186	115.14	.12002	.06321	11.065	242.42
Stddev	.00007	.00028	.30	.00119	.00021	.014	.44
%RSD	.86248	2.3992	.26118	.98751	.33791	.12395	.18168

#1	.00814	.01206	115.35	.12085	.06336	11.075	242.11
#2	.00824	.01166	114.93	.11918	.06306	11.056	242.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5538	16.436	.28151	.01041	2.2194	.23541	2.8410
Stddev	.0012	.070	.00098	.00015	.0098	.00049	.0127
%RSD	.07989	.42729	.34915	1.4708	.44224	.20636	.44621

#1	1.5547	16.386	.28221	.01052	2.2125	.23507	2.8500
#2	1.5529	16.486	.28082	.01030	2.2263	.23576	2.8320

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5858	.03958	.26901	9.1922	2.3436	.15298	3.0229
Stddev	.0199	.00007	.00161	.0384	.0231	.00082	.0092
%RSD	.55465	.17922	.59888	.41821	.98578	.53409	.30417

#1	3.5717	.03963	.27015	9.2194	2.3599	.15355	3.0164
#2	3.5998	.03953	.26787	9.1650	2.3273	.15240	3.0294

Sample Name: J6357-08 Acquired: 12/14/2018 0:07:23 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07645	4.088	1.3343	1.8382	F<.00000
Stddev	.00003	.020	.0013	.0551	1.2308
%RSD	.03653	.4791	.10010	2.9963	2.6139

#1	.07643	4.102	1.3352	1.8772	-46.214
#2	.07647	4.074	1.3333	1.7993	-47.955

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3891.9	54218.	5388.1	102.03	3874.5
Stddev	6.4	30.	22.1	.46	1.6
%RSD	.16551	.05442	.41019	.44962	.04030

#1	3887.3	54239.	5372.5	101.70	3873.4
#2	3896.4	54198.	5403.7	102.35	3875.6

Sample Name: J6357-09 Acquired: 12/14/2018 0:11:17 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-09B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12587	-.00417	.48750	.07145	.00493	177.97	1.4311
Stddev	.00242	.00037	.00225	.00293	.00035	.20	.0329
%RSD	1.9201	8.8268	.46246	4.1032	7.0384	.11288	2.2976

#1	.12416	-.00443	.48909	.06937	.00468	177.83	1.4079
#2	.12758	-.00391	.48590	.07352	.00517	178.12	1.4544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01032	-.00550	15.147	.25687	.09966	45.410	347.67
Stddev	.00005	.00130	.246	.00035	.00042	.008	13.03
%RSD	.48650	23.609	1.6211	.13697	.42498	.01749	3.7476

#1	.01035	-.00459	14.973	.25712	.09936	45.404	338.45
#2	.01028	-.00642	15.320	.25662	.09996	45.416	356.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9808	28.581	.33794	.01753	.80258	.43339	1.0307
Stddev	.0068	.774	.00013	.00279	.02444	.00101	.0307
%RSD	.22910	2.7065	.03867	15.924	3.0457	.23280	2.9800

#1	2.9759	28.034	.33784	.01556	.78529	.43410	1.0090
#2	2.9856	29.128	.33803	.01951	.81986	.43267	1.0524

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0823	.00768	.24420	1.2745	1.5638	.01379	.83906
Stddev	.1088	.00047	.01578	.0037	.0295	.00147	.02092
%RSD	1.5362	6.0813	6.4631	.29355	1.8830	10.676	2.4927

#1	7.0053	.00735	.23304	1.2719	1.5430	.01483	.82427
#2	7.1592	.00801	.25536	1.2772	1.5846	.01275	.85385

Sample Name: J6357-09 Acquired: 12/14/2018 0:11:17 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-09B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30621	4.235	-.23319	.55252	F<.00000
Stddev	.00566	.004	.01255	.02717	2.7017
%RSD	1.8493	.0824	5.3831	4.9169	2.8759

#1	.30221	4.238	-.22431	.57173	-95.851
#2	.31022	4.233	-.24206	.53331	-92.031

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3966.6	55388.	5520.6	103.16	3849.2
Stddev	3.3	92.	101.2	3.01	.5
%RSD	.08203	.16685	1.8332	2.9194	.01337

#1	3968.9	55323.	5592.2	105.29	3849.6
#2	3964.3	55453.	5449.1	101.03	3848.8

Sample Name: J6357-10 Acquired: 12/14/2018 0:15:17 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-01B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01021	-.00184	.03700	.00224	-.00219	7.2402	.04326	.00077
Stddev	.00036	.00017	.00030	.00142	.00139	.0040	.00021	.00005
%RSD	3.4801	9.3777	.80370	63.275	63.243	.05485	.48583	6.8368

#1	.00995	-.00171	.03721	.00124	-.00121	7.2430	.04340	.00081
#2	.01046	-.00196	.03679	.00324	-.00317	7.2374	.04311	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	1.2986	.02671	.00465	.06370	19.079	.07465	.90708
Stddev	.00010	.0037	.00046	.00011	.00104	.141	.00021	.07415
%RSD	18.733	.28803	1.7140	2.2648	1.6354	.73907	.28366	8.1743

#1	-.00047	1.3013	.02638	.00457	.06444	19.179	.07450	.85465
#2	-.00061	1.2960	.02703	.00472	.06297	18.979	.07480	.95952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00054	.05082	.06734	.05543	.65579	.00057	.00607
Stddev	.00015	.00056	.01813	.00008	.00077	.01003	.00005	.00462
%RSD	4.7811	103.64	35.670	.11502	1.3845	1.5288	8.1357	76.135

#1	.00328	-.00014	.06364	.06739	.05598	.64870	.00054	.00280
#2	.00307	-.00094	.03800	.06728	.05489	.66288	.00060	.00934

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05617	.67261	.00098	.16500	.00255	.2250	-.00657	2.0087
Stddev	.00341	.00283	.00046	.00127	.00011	.0001	.00032	.0002
%RSD	6.0712	.42012	46.915	.76782	4.2863	.0255	4.9070	.01077

#1	.05376	.67061	.00130	.16410	.00248	.2250	-.00680	2.0086
#2	.05858	.67460	.00065	.16589	.00263	.2249	-.00634	2.0089

Sample Name: J6357-10 Acquired: 12/14/2018 0:15:17 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-01B Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3168
Stddev .0044
%RSD .13193

#1 3.3137
#2 3.3199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.5	55593.	5227.5	106.92	4408.8
Stddev	15.1	113.	4.0	1.30	6.8
%RSD	.37754	.20366	.07643	1.2180	.15451

#1	3976.9	55513.	5230.3	106.00	4404.0
#2	3998.1	55673.	5224.6	107.84	4413.7

Sample Name: J6199-06 Acquired: 12/14/2018 0:19:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00346	.00785	.00404	-.00171	.13383	.10327	.00014
Stddev	.00362	.00012	.00030	.00165	.00034	.00086	.00119	.00001
%RSD	4652.5	3.4200	3.7831	40.963	19.758	.64205	1.1528	7.0984

#1	.00248	-.00338	.00806	.00287	-.00147	.13444	.10243	.00015
#2	-.00264	-.00355	.00764	.00521	-.00195	.13322	.10411	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	20.953	.00058	.00756	.00980	.34675	.88330	3.6884
Stddev	.00013	.179	.00036	.00003	.00026	.00589	.00108	.0123
%RSD	451.52	.85332	61.669	.35462	2.6747	1.6992	.12190	.33351

#1	-.00006	20.827	.00083	.00758	.00961	.35092	.88406	3.6797
#2	.00012	21.079	.00033	.00754	.00998	.34259	.88254	3.6970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	.00060	333.07	.00063	.02145	.87099	.00014	.00672
Stddev	.00036	.00020	2.16	.00039	.00027	.00555	.00005	.00839
%RSD	11.091	33.484	.64976	61.663	1.2462	.63735	35.314	124.88

#1	.00297	.00075	331.54	.00036	.02126	.86707	.00018	.01266
#2	.00347	.00046	334.60	.00091	.02164	.87492	.00011	.00079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21618	.64762	-.00023	.00182	.00256	.0012	.06028	4.6936
Stddev	.00201	.00629	.00019	.00215	.00033	.0004	.00054	.1271
%RSD	.92977	.97174	81.063	118.15	12.992	29.88	.89488	2.7086

#1	.21760	.64317	-.00036	.00030	.00280	.0015	.05990	4.7835
#2	.21476	.65207	-.00010	.00334	.00233	.0010	.06066	4.6037

Sample Name: J6199-06 Acquired: 12/14/2018 0:19:20 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .89589
Stddev .33786
%RSD 37.712

#1 1.1348
#2 .65699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.4	49847.	5021.7	100.34	3837.9
Stddev	17.2	95.	5.3	1.43	3.6
%RSD	.47039	.19073	.10625	1.4271	.09443

#1	3644.3	49780.	5017.9	101.35	3840.4
#2	3668.6	49914.	5025.4	99.325	3835.3

Sample Name: J6199-06DUP Acquired: 12/14/2018 0:23:31 Type: Unk
Method: P4-ICP2(v2649) 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	-.00165	-.00349	.00849	.00352	-.00333	.12859	.10438	.00013
Stddev	.00367	.00066	.00004	.00150	.00040	.00005	.00057	.00001
%RSD	222.84	19.016	.44638	42.547	12.141	.04173	.54283	5.4901

#1	-.00424	-.00302	.00852	.00246	-.00361	.12855	.10398	.00013
#2	.00095	-.00395	.00847	.00458	-.00304	.12863	.10478	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	21.286	.00040	.00788	.00932	.34829	.88684	3.7043
Stddev	.00003	.417	.00005	.00004	.00089	.00421	.00418	.0650
%RSD	32.623	1.9569	11.311	.51216	9.5442	1.2080	.47100	1.7556

#1	.00010	20.992	.00043	.00790	.00869	.34531	.88979	3.6583
#2	.00006	21.581	.00037	.00785	.00995	.35126	.88389	3.7502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00275	.00078	340.79	.00050	.02087	.93497	-.00005	.00707
Stddev	.00007	.00013	.10	.00036	.00026	.03016	.00008	.00272
%RSD	2.6140	16.900	.02944	73.045	1.2557	3.2254	153.87	38.522

#1	.00280	.00087	340.72	.00024	.02106	.91365	.00000	.00515
#2	.00270	.00068	340.86	.00075	.02069	.95629	-.00010	.00900

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21642	.65395	.00007	.00328	.00416	.0016	.06151	4.5433
Stddev	.00097	.00849	.00032	.00258	.00142	.0003	.00073	.0458
%RSD	.44803	1.2976	442.41	78.722	34.217	20.19	1.1836	1.0080

#1	.21573	.65995	.00030	.00146	.00315	.0018	.06100	4.5757
#2	.21710	.64795	-.00015	.00511	.00517	.0013	.06203	4.5109

Sample Name: J6199-06DUP Acquired: 12/14/2018 0:23:31 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2747
Stddev .1826
%RSD 8.0262

#1 2.4038
#2 2.1456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.4	50114.	4968.0	102.33	3827.4
Stddev	7.5	374.	16.9	1.59	11.3
%RSD	.20608	.74698	.34102	1.5490	.29589

#1	3665.7	49849.	4956.0	101.21	3835.4
#2	3655.1	50379.	4980.0	103.45	3819.4

Sample Name: J6199-06LX5 Acquired: 12/14/2018 0:27:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00139	.00315	.00069	-.00131	.03832	.02170	.00012
Stddev	.00114	.00112	.00009	.00135	.00159	.01147	.00173	.00003
%RSD	318.15	80.554	2.9107	195.65	121.61	29.928	7.9906	21.683

#1	-.00045	-.00218	.00321	.00164	-.00018	.04643	.02293	.00014
#2	.00117	-.00060	.00309	-.00026	-.00243	.03021	.02048	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	4.1838	.00015	.00141	.00214	.06832	.18292	.71564
Stddev	.00002	.0977	.00033	.00017	.00022	.00862	.00048	.03524
%RSD	38.418	2.3360	225.39	12.018	10.470	12.621	.26162	4.9244

#1	-.00003	4.2529	.00038	.00129	.00229	.07441	.18258	.74056
#2	-.00006	4.1147	-.00009	.00153	.00198	.06222	.18326	.69072

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00093	67.565	.00023	.00165	.23898	-.00008	-.00767
Stddev	.00003	.00013	1.991	.00001	.00031	.03424	.00009	.00631
%RSD	3.3062	14.170	2.9472	3.8179	18.977	14.328	112.26	82.238

#1	-.00098	.00084	68.973	.00022	.00187	.21477	-.00014	-.01213
#2	-.00093	.00103	66.157	.00023	.00143	.26320	-.00002	-.00321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03298	.13382	-.00089	.00131	.00498	-.0018	.01179	3.4992
Stddev	.00448	.00610	.00016	.00225	.00132	.0031	.00011	.2448
%RSD	13.590	4.5547	17.613	171.42	26.587	169.3	.90473	6.9965

#1	.02981	.13813	-.00100	-.00028	.00591	-.0040	.01187	3.3260
#2	.03615	.12951	-.00078	.00291	.00404	.0004	.01171	3.6723

Sample Name: J6199-06LX5 Acquired: 12/14/2018 0:27:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .47094
%RSD 835.22

#1 -.38939
#2 .27662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3785.2	52454.	5139.7	107.10	4110.3
Stddev	1.5	152.	158.3	3.07	.2
%RSD	.03843	.28896	3.0805	2.8649	.00569

#1	3786.2	52561.	5027.8	104.93	4110.5
#2	3784.2	52347.	5251.7	109.27	4110.2

Sample Name: J6199-06MS Acquired: 12/14/2018 0:31:48 Type: Unk
Method: P4-ICP2(v2649) 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	.78252	1.8208	.94615	1.9434	.77166	2.1214	.31844	.19840	.19119
Stddev	.00580	.0019	.00161	.0062	.00162	.0256	.00872	.00071	.00023
%RSD	.74168	.10357	.16982	.31656	.21024	1.2045	2.7390	.35841	.12276

#1	.77842	1.8195	.94729	1.9390	.77281	2.1033	.31227	.19891	.19103
#2	.78663	1.8222	.94501	1.9477	.77052	2.1395	.32461	.19790	.19136

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.204	.41603	.20500	.30441	3.4281	1.1031	5.8364	.49046	.07142
Stddev	.885	.00054	.00053	.00001	.0725	.0018	.1235	.00016	.00065
%RSD	3.8132	.13086	.25715	.00442	2.1135	.15842	2.1164	.03342	.90945

#1	22.579	.41641	.20462	.30440	3.3769	1.1043	5.7490	.49057	.07188
#2	23.830	.41564	.20537	.30442	3.4793	1.1019	5.9237	.49034	.07096

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	354.99	.30672	.22474	11.718	.39932	.29554	.20366	1.6176	.65329
Stddev	7.60	.00036	.00408	.349	.00073	.00980	.00646	.0088	.00119
%RSD	2.1418	.11779	1.8177	2.9788	.18177	3.3171	3.1736	.54615	.18252

#1	349.61	.30647	.22185	11.471	.39881	.28861	.19909	1.6113	.65414
#2	360.36	.30698	.22762	11.965	.39984	.30247	.20823	1.6238	.65245

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20349	.21570	5.635	.26192	5.0145	.60871
Stddev	.01145	.00841	.002	.00653	.1505	.53708
%RSD	5.6285	3.8994	.0326	2.4943	3.0023	88.232

#1	.19539	.20976	5.636	.25730	5.1210	.98848
#2	.21159	.22165	5.634	.26654	4.9081	.22894

Sample Name: J6199-06MS Acquired: 12/14/2018 0:31:48 Type: Unk
Method: P4-ICP2(v2649) 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	3627.0	49331.	4811.0	98.883	3795.9
Stddev	15.9	19.	49.4	1.207	14.2
%RSD	.43742	.03758	1.0258	1.2203	.37377
#1	3615.8	49344.	4845.9	99.736	3785.9
#2	3638.3	49318.	4776.1	98.029	3806.0

Sample Name: J6199-06MSD Acquired: 12/14/2018 0:35:47 Type: Unk
Method: P4-ICP2(v2649) 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	.76931	1.7965	.92911	1.9131	.75563	2.0619	.30399	.19591	.18815
Stddev	.00161	.0293	.01659	.0248	.00857	.0232	.00159	.00001	.00265
%RSD	.20908	1.6290	1.7852	1.2963	1.1339	1.1250	.52210	.00258	1.4097

#1	.76817	1.7758	.91738	1.8956	.74958	2.0455	.30286	.19592	.18627
#2	.77045	1.8172	.94084	1.9306	.76169	2.0783	.30511	.19591	.19003

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.626	.40751	.20079	.29813	3.2562	1.0504	5.5340	.48218	.07039
Stddev	.121	.00204	.00332	.00141	.0408	.0014	.0023	.00668	.00015
%RSD	.55768	.49971	1.6549	.47215	1.2514	.13334	.04084	1.3860	.21389

#1	21.540	.40895	.19844	.29714	3.2274	1.0514	5.5356	.47745	.07029
#2	21.711	.40607	.20314	.29913	3.2850	1.0494	5.5324	.48690	.07050

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	333.98	.30434	.21576	11.352	.39055	.27004	.19143	1.5420	.63949
Stddev	2.90	.00208	.00074	.081	.00441	.00527	.00416	.0062	.01214
%RSD	.86682	.68487	.34069	.71002	1.1289	1.9501	2.1752	.40091	1.8978

#1	336.03	.30286	.21628	11.295	.38743	.26632	.18849	1.5463	.63091
#2	331.94	.30581	.21524	11.409	.39367	.27376	.19437	1.5376	.64807

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19545	.21073	5.532	.25281	4.1519	.68591
Stddev	.00226	.00220	.077	.00170	.0272	.05682
%RSD	1.1588	1.0444	1.389	.67161	.65475	8.2840

#1	.19385	.20917	5.478	.25161	4.1711	.72608
#2	.19705	.21228	5.586	.25401	4.1326	.64573

Sample Name: J6199-06MSD Acquired: 12/14/2018 0:35:47 Type: Unk
Method: P4-ICP2(v2649) 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	3747.0	50806.	5002.7	104.21	3923.5
Stddev	17.4	24.	35.3	.69	37.2
%RSD	.46335	.04765	.70479	.66006	.94817
#1	3759.2	50789.	4977.7	103.72	3949.8
#2	3734.7	50823.	5027.6	104.70	3897.2

Sample Name: J6199-06A Acquired: 12/14/2018 0:39:45 Type: Unk
Method: P4-ICP2(v2649) 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	.79451	1.8487	.95786	1.9676	.78126	2.0912	.31025	.19929	.19352
Stddev	.00178	.0073	.00578	.0025	.00417	.0136	.00123	.00002	.00053
%RSD	.22466	.39686	.60391	.12566	.53438	.65022	.39632	.00886	.27340

#1	.79577	1.8435	.95377	1.9658	.77831	2.0816	.30938	.19928	.19314
#2	.79324	1.8539	.96195	1.9693	.78421	2.1008	.31112	.19930	.19389

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.927	.41568	.20680	.30789	3.3440	1.0655	5.6648	.49551	.07193
Stddev	.039	.00052	.00097	.00068	.1071	.0001	.0371	.00153	.00033
%RSD	.17776	.12426	.47070	.22045	3.2040	.01306	.65444	.30928	.45849

#1	21.899	.41605	.20611	.30741	3.4198	1.0656	5.6386	.49443	.07170
#2	21.955	.41532	.20749	.30837	3.2683	1.0654	5.6911	.49660	.07217

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	333.63	.31000	.22188	11.526	.40412	.28415	.20699	1.5668	.65860
Stddev	.97	.00020	.00690	.026	.00135	.00047	.00112	.0030	.00254
%RSD	.28932	.06555	3.1113	.22646	.33322	.16660	.54185	.18935	.38506

#1	334.31	.31015	.22676	11.507	.40317	.28449	.20620	1.5689	.65681
#2	332.94	.30986	.21700	11.544	.40507	.28382	.20778	1.5647	.66039

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19756	.21203	5.684	.25707	4.7522	.47361
Stddev	.00300	.00010	.014	.00229	.0036	.34981
%RSD	1.5161	.04861	.2381	.89269	.07513	73.861

#1	.19968	.21210	5.674	.25544	4.7547	.22625
#2	.19544	.21196	5.693	.25869	4.7497	.72097

Sample Name: J6199-06A Acquired: 12/14/2018 0:39:45 Type: Unk
Method: P4-ICP2(v2649) 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	3615.8	49939.	4884.5	101.21	3807.3
Stddev	3.9	54.	4.1	3.29	12.0
%RSD	.10899	.10800	.08398	3.2484	.31408
#1	3618.6	49901.	4887.4	98.880	3815.8
#2	3613.0	49977.	4881.6	103.53	3798.8

Sample Name: CCV14 Acquired: 12/14/2018 0:43:44 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14339 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9799	4.9394	4.9476	4.9347	4.9854	9.3716	9.8841	.24354
Stddev	.1396	.1228	.1158	.1455	.1217	.3084	.1743	.00554
%RSD	2.8032	2.4861	2.3415	2.9478	2.4406	3.2906	1.7636	2.2761
#1	5.0786	5.0263	5.0295	5.0376	5.0714	9.1536	9.7608	.23962
#2	4.8812	4.8526	4.8656	4.8319	4.8993	9.5897	10.007	.24746
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4552	25.033	.99151	2.4586	1.2551	4.8327	2.4521	24.638
Stddev	.0620	.533	.02307	.0623	.0338	.1389	.0553	.375
%RSD	2.5266	2.1298	2.3270	2.5357	2.6922	2.8739	2.2559	1.5237
#1	2.4991	24.656	.97520	2.5027	1.2789	4.7345	2.4130	24.372
#2	2.4113	25.410	1.0078	2.4145	1.2312	4.9310	2.4913	24.903
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4528	1.2361	23.976	2.4018	2.5363	24.282	5.0428	4.8243
Stddev	.0617	.0291	.402	.0551	.0382	.347	.1305	.0597
%RSD	2.5154	2.3577	1.6776	2.2939	1.5042	1.4301	2.5881	1.2375
#1	2.4964	1.2155	23.691	2.3629	2.5094	24.036	5.1351	4.7821
#2	2.4092	1.2567	24.260	2.4408	2.5633	24.527	4.9506	4.8665
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8026	5.1330	4.9235	4.8963	4.7490	4.891	5.0093	F 4.2404
Stddev	.1292	.0577	.1183	.0759	.0817	.125	.0854	.4623
%RSD	2.6894	1.1244	2.4019	1.5498	1.7211	2.556	1.7046	10.902
#1	4.8939	5.0922	5.0072	4.8426	4.6912	4.979	4.9490	3.9135
#2	4.7113	5.1738	4.8399	4.9499	4.8068	4.802	5.0697	4.5672

Sample Name: CCV14 Acquired: 12/14/2018 0:43:44 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14339 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1709
Stddev .4870
%RSD 22.434

#1 1.8265
#2 2.5152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.6	52051.	4955.1	101.26	3890.1
Stddev	81.7	1103.	35.8	1.88	85.2
%RSD	2.2008	2.1185	.72333	1.8577	2.1905

#1	3652.9	52831.	4980.4	102.59	3829.8
#2	3768.4	51271.	4929.8	99.925	3950.3

Sample Name: CCB14 Acquired: 12/14/2018 0:47:31 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14339 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.00078	.00181	.00195	-.00006	.00747	.00090	.00008
Stddev	.00007	.00139	.00017	.00130	.00119	.00076	.00050	.00004
%RSD	42.455	177.39	9.6579	66.701	1971.6	10.117	55.772	47.095
#1	-.00011	.00177	.00169	.00286	-.00090	.00800	.00126	.00005
#2	-.00021	-.00020	.00193	.00103	.00078	.00693	.00055	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00409	-.00000	.00000	-.00029	.00949	.00011	-.00629
Stddev	.00008	.00308	.00048	.00005	.00021	.00337	.00002	.04027
%RSD	103.80	75.349	9824.5	1529.6	73.126	35.553	15.516	639.77
#1	-.00002	.00626	.00034	.00003	-.00044	.01188	.00010	.02218
#2	-.00014	.00191	-.00035	-.00003	-.00014	.00711	.00012	-.03477
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.00042	-.03720	.00035	-.00341	.03819	.00055	-.01308
Stddev	.00053	.00003	.02436	.00067	.00005	.01489	.00005	.01520
%RSD	52.737	6.1177	65.495	189.51	1.5617	38.997	9.2690	116.22
#1	-.00064	.00040	-.05443	-.00012	-.00337	.02766	.00051	-.00233
#2	-.00139	.00044	-.01997	.00083	-.00345	.04872	.00058	-.02383
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00864	-.00440	-.00007	.00016	.00352	-.0014	-.00031	F 2.5662
Stddev	.00625	.00143	.00018	.00309	.00123	.0004	.00003	.4054
%RSD	72.301	32.498	254.98	1925.1	34.963	25.42	11.023	15.798
#1	-.01306	-.00541	-.00019	-.00203	.00265	-.0012	-.00033	2.8528
#2	-.00422	-.00339	.00006	.00235	.00439	-.0017	-.00028	2.2795

Sample Name: CCB14 Acquired: 12/14/2018 0:47:31 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14339 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .42285
Stddev	.58734
%RSD	138.90

#1	.00754
#2	.83816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.5	54308.	4997.1	103.75	4477.6
Stddev	3.5	345.	34.6	.95	8.9
%RSD	.08881	.63570	.69170	.92009	.19825

#1	3924.1	54064.	5021.5	104.43	4471.3
#2	3929.0	54552.	4972.6	103.08	4483.9

Sample Name: J6199-08 Acquired: 12/14/2018 0:51:38 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	-.00242	.01201	.00502	.00880	.16012	.56497	.00017
Stddev	.00197	.00155	.00055	.00026	.00002	.00105	.00028	.00007
%RSD	341.24	64.247	4.5908	5.2137	.20825	.65298	.04974	42.860

#1	-.00197	-.00132	.01240	.00520	.00879	.16086	.56477	.00012
#2	.00081	-.00352	.01162	.00483	.00882	.15938	.56517	.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	40.835	.00074	.01247	.00774	.98764	1.0878	5.2900
Stddev	.00005	.303	.00066	.00027	.00088	.03304	.0028	.0230
%RSD	82.981	.74193	88.740	2.1513	11.356	3.3452	.25852	.43458

#1	.00010	40.621	.00028	.01228	.00711	.96428	1.0858	5.3063
#2	.00003	41.049	.00121	.01266	.00836	1.0110	1.0898	5.2738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	.00056	389.37	.00029	.03645	.98519	.00028	.00668
Stddev	.00082	.00035	1.38	.00001	.00008	.05062	.00019	.01435
%RSD	16.407	63.700	.35321	3.3702	.22047	5.1380	68.452	214.89

#1	.00558	.00031	388.40	.00030	.03640	.94940	.00014	.01682
#2	.00442	.00081	390.34	.00028	.03651	1.0210	.00041	-.00347

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53936	1.3286	.00015	.00347	.00667	.0003	.15087	4.6442
Stddev	.00160	.0110	.00075	.00207	.00101	.0017	.00022	.0974
%RSD	.29598	.82865	493.57	59.590	15.175	536.1	.14310	2.0979

#1	.53823	1.3209	.00068	.00201	.00595	-.0009	.15072	4.7130
#2	.54049	1.3364	-.00038	.00494	.00738	.0015	.15103	4.5753

Sample Name: J6199-08 Acquired: 12/14/2018 0:51:38 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-121218 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6687
Stddev	.5221
%RSD	19.564

#1	2.2996
#2	3.0379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.6	49889.	4964.1	102.24	3789.5
Stddev	9.7	28.	22.8	.10	14.1
%RSD	.26781	.05662	.45907	.09784	.37224

#1	3627.7	49869.	4948.0	102.32	3779.5
#2	3641.5	49909.	4980.2	102.17	3799.5

Sample Name: J6242-03 Acquired: 12/14/2018 0:55:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00676	-.00430	.08630	.00535	.00172	.02285	.18742	-.00002
Stddev	.00025	.00042	.00113	.00043	.00160	.00263	.00013	.00000
%RSD	3.7529	9.8197	1.3145	8.0369	92.986	11.515	.06816	1.2205

#1	-.00658	-.00460	.08550	.00504	.00059	.02099	.18751	-.00002
#2	-.00694	-.00400	.08710	.00565	.00285	.02471	.18732	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00746	93.863	.34250	.00873	.01696	-.00878	.68318	.58832
Stddev	.00007	.398	.01195	.00018	.00004	.01687	.01980	.04658
%RSD	.95165	.42349	3.4880	2.0277	.24895	192.01	2.8984	7.9166

#1	.00741	94.144	.35095	.00860	.01699	-.02071	.69718	.62126
#2	.00751	93.582	.33405	.00885	.01693	.00314	.66917	.55539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02185	.00030	279.69	.00125	18.872	2.4176	-.00280	.02163
Stddev	.00050	.00040	.72	.00016	.080	.0633	.00041	.00691
%RSD	2.2870	135.21	.25871	12.508	.42152	2.6189	14.714	31.931

#1	.02150	.00001	279.17	.00136	18.928	2.3728	-.00309	.02651
#2	.02221	.00058	280.20	.00114	18.816	2.4624	-.00250	.01674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0282	.94955	-.00066	-.00064	.01126	.0054	1.1651	4.4630
Stddev	.0032	.02184	.00043	.00351	.00003	.0003	.0058	.3228
%RSD	.15681	2.3005	65.116	544.69	.25681	5.123	.50161	7.2326

#1	2.0304	.96500	-.00036	.00184	.01128	.0052	1.1692	4.6913
#2	2.0259	.93411	-.00097	-.00312	.01124	.0055	1.1609	4.2348

Sample Name: J6242-03 Acquired: 12/14/2018 0:55:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-CHIPS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2629
Stddev .7892
%RSD 34.877

#1 2.8209
#2 1.7048

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.1	50758.	4985.6	102.82	3826.3
Stddev	.5	1068.	15.7	.55	7.0
%RSD	.01358	2.1041	.31425	.53369	.18398

#1	3607.7	50003.	4974.6	102.43	3831.3
#2	3608.4	51513.	4996.7	103.20	3821.3

Sample Name: J6361-03 Acquired: 12/14/2018 0:59:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TN4803-12121 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	-.00224	.00520	.00145	-.00011	.25646	.25439	.00031
Stddev	.00166	.00065	.00130	.00186	.00388	.00631	.00016	.00004
%RSD	91.044	29.220	24.928	128.21	3563.2	2.4586	.06283	13.430

#1	-.00065	-.00270	.00612	.00277	.00263	.26092	.25450	.00034
#2	-.00299	-.00177	.00429	.00014	-.00285	.25200	.25427	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	9.0017	.00086	.00113	.00560	.23257	.21174	4.8977
Stddev	.00005	.0398	.00014	.00003	.00033	.01047	.00002	.0030
%RSD	129.22	.44193	16.801	2.4389	5.9493	4.5018	.01050	.06115

#1	-.00000	9.0298	.00076	.00111	.00583	.23998	.21176	4.8998
#2	-.00007	8.9736	.00096	.00115	.00536	.22517	.21173	4.8956

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00029	289.76	.00074	.03375	.88887	-.00033	.00519
Stddev	.00028	.00109	.72	.00017	.00060	.01047	.00000	.00362
%RSD	8.4533	371.46	.24837	22.916	1.7863	1.1779	.05108	69.714

#1	.00357	.00107	289.25	.00086	.03417	.88146	-.00033	.00263
#2	.00316	-.00048	290.27	.00062	.03332	.89627	-.00033	.00774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16881	.99185	-.00008	.01183	.00920	.0027	.08070	4.2391
Stddev	.00158	.00973	.00044	.00088	.00036	.0018	.00033	.1218
%RSD	.93437	.98104	579.93	7.4061	3.8603	67.95	.41052	2.8722

#1	.16769	.99873	-.00039	.01245	.00945	.0040	.08047	4.1530
#2	.16992	.98497	.00024	.01121	.00895	.0014	.08093	4.3252

Sample Name: J6361-03 Acquired: 12/14/2018 0:59:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TN4803-12121 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5684
Stddev .1857
%RSD 11.839

#1 1.4371
#2 1.6996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.5	50596.	4964.5	100.83	3864.1
Stddev	10.7	25.	47.3	1.33	8.4
%RSD	.29313	.04862	.95345	1.3208	.21750

#1	3673.1	50613.	4931.1	99.883	3870.0
#2	3657.9	50579.	4998.0	101.77	3858.2

Sample Name: J6372-03 Acquired: 12/14/2018 1:04:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FP-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	-.00247	.00346	.00557	-.00420	.11473	.04216	.00004
Stddev	.00122	.00121	.00203	.00191	.00000	.00957	.00070	.00003
%RSD	47.584	48.994	58.607	34.236	.04314	8.3454	1.6567	85.248
#1	-.00170	-.00333	.00203	.00422	-.00419	.10796	.04167	.00001
#2	-.00342	-.00161	.00489	.00692	-.00420	.12150	.04266	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	194.64	.04276	-.00039	.00325	-.04742	.00031	.01289
Stddev	.00001	1.52	.00240	.00014	.00011	.00120	.00004	.01371
%RSD	3.0639	.77931	5.6209	36.046	3.4402	2.5393	11.135	106.40
#1	-.00036	193.56	.04106	-.00029	.00317	-.04827	.00034	.00319
#2	-.00034	195.71	.04446	-.00049	.00333	-.04657	.00029	.02258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	-.00011	356.80	.00632	.00097	4.7691	.00475	.00829
Stddev	.00040	.00065	8.20	.00067	.00010	.0021	.00024	.00949
%RSD	13.496	615.52	2.2971	10.610	10.752	.04403	5.1207	114.52
#1	-.00326	.00035	351.01	.00584	.00105	4.7706	.00493	.01500
#2	-.00269	-.00056	362.60	.00679	.00090	4.7676	.00458	.00158
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5110	2.8797	-.00119	-.00469	.01301	.0026	.84843	5.9511
Stddev	.0151	.0335	.00025	.00001	.00159	.0005	.00570	.9286
%RSD	.27411	1.1648	20.656	.26464	12.181	20.91	.67198	15.603
#1	5.5217	2.8560	-.00136	-.00470	.01189	.0030	.84440	5.2945
#2	5.5004	2.9034	-.00102	-.00468	.01414	.0022	.85246	6.6077

Sample Name: J6372-03 Acquired: 12/14/2018 1:04:08 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FP-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2063
 Stddev .3711
 %RSD 11.573

#1 3.4687
 #2 2.9439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.7	46685.	4828.2	97.066	3682.6
Stddev	6.5	2257.	4.1	1.109	11.2
%RSD	.18450	4.8338	.08419	1.1421	.30371

#1	3500.2	48281.	4831.1	96.282	3674.7
#2	3509.3	45090.	4825.3	97.850	3690.5

Sample Name: J6373-04 Acquired: 12/14/2018 1:08:18 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-A-FRAME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00362	-.00321	.03284	.00125	-.00171	.08833	.11539	.00015
Stddev	.00061	.00013	.00082	.00318	.00091	.01851	.00034	.00003
%RSD	16.945	4.0730	2.5044	254.07	53.233	20.960	.29535	19.457

#1	-.00405	-.00330	.03342	-.00100	-.00235	.10142	.11564	.00017
#2	-.00318	-.00311	.03226	.00350	-.00107	.07524	.11515	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	6.1705	.00153	.00527	.05261	.05401	.17370	.78717
Stddev	.00014	.1074	.00016	.00003	.00048	.00783	.00179	.02293
%RSD	8.3701	1.7412	10.621	.52660	.91929	14.495	1.0321	2.9129

#1	.00154	6.0945	.00141	.00525	.05227	.04848	.17243	.80339
#2	.00174	6.2464	.00164	.00529	.05295	.05955	.17496	.77096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00502	.00070	365.40	.00060	.06498	.85303	-.00011	-.00113
Stddev	.00006	.00048	3.16	.00087	.00093	.05746	.00021	.00650
%RSD	1.1063	69.389	.86534	145.15	1.4239	6.7359	183.65	574.55

#1	.00498	.00035	363.16	.00122	.06564	.81240	.00003	-.00572
#2	.00506	.00104	367.64	-.00002	.06433	.89366	-.00026	.00346

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10233	.56064	.00089	.00440	.01031	.0093	.03055	4.8470
Stddev	.00096	.00910	.00048	.00762	.00029	.0020	.00048	.0669
%RSD	.93793	1.6226	53.433	173.13	2.7906	21.18	1.5872	1.3810

#1	.10301	.55420	.00123	.00979	.01051	.0079	.03021	4.7997
#2	.10166	.56707	.00056	-.00099	.01011	.0107	.03090	4.8943

Sample Name: J6373-04 Acquired: 12/14/2018 1:08:18 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-A-FRAME Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7117
Stddev	.2803
%RSD	16.375

#1	1.9099
#2	1.5135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3624.3	49531.	4882.7	101.79	3825.8
Stddev	31.1	58.	50.3	1.43	16.4
%RSD	.85789	.11616	1.0304	1.4067	.42881

#1	3646.3	49491.	4918.2	100.78	3837.4
#2	3602.3	49572.	4847.1	102.80	3814.2

Sample Name: J6373-08 Acquired: 12/14/2018 1:12:30 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00262	.00905	.00246	-.00213	.06704	.09357	.00010
Stddev	.00190	.00010	.00091	.00045	.00150	.00569	.00096	.00002
%RSD	127.47	3.7583	10.094	18.082	70.262	8.4889	1.0262	20.199

#1	-.00284	-.00255	.00969	.00278	-.00107	.06302	.09289	.00012
#2	-.00015	-.00269	.00840	.00215	-.00319	.07107	.09424	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	13.184	.00110	.00002	.01310	.01152	.06404	1.1416
Stddev	.00003	.129	.00002	.00012	.00011	.01738	.00055	.0056
%RSD	9.6514	.97503	2.1461	646.73	.81456	150.86	.85247	.48893

#1	.00029	13.094	.00109	.00011	.01317	-.00077	.06365	1.1377
#2	.00034	13.275	.00112	-.00007	.01302	.02381	.06443	1.1456

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00051	337.21	.00047	.03220	.96196	.00017	-.00353
Stddev	.00032	.00009	4.32	.00032	.00075	.00593	.00048	.00886
%RSD	21.124	18.291	1.2801	67.230	2.3251	.61636	283.75	250.58

#1	.00176	.00045	334.16	.00025	.03167	.95777	-.00017	-.00980
#2	.00130	.00058	340.26	.00069	.03273	.96615	.00051	.00273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15032	.40169	-.00016	-.00080	.01062	.0196	.05921	4.9552
Stddev	.00024	.00264	.00029	.00048	.00140	.0004	.00058	.0441
%RSD	.15814	.65825	182.13	60.209	13.158	2.146	.97768	.88933

#1	.15049	.40356	-.00036	-.00115	.00963	.0199	.05880	4.9864
#2	.15015	.39982	.00005	-.00046	.01161	.0193	.05962	4.9241

Sample Name: J6373-08 Acquired: 12/14/2018 1:12:30 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-T1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3412
 Stddev .8399
 %RSD 35.874

#1 1.7473
 #2 2.9351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.2	48746.	4780.5	99.546	3765.8
Stddev	15.7	19.	12.6	.996	4.6
%RSD	.44011	.03901	.26376	1.0004	.12192

#1	3565.0	48733.	4771.6	100.25	3762.6
#2	3587.3	48760.	4789.4	98.842	3769.1

Sample Name: J6376-03 Acquired: 12/14/2018 1:16:41 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-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	-.00064	-.00349	.01926	.00383	-.00311	.07796	.23133	.00007
Stddev	.00090	.00035	.00125	.00029	.00000	.00472	.00116	.00002
%RSD	139.48	9.9156	6.4742	7.6590	.12725	6.0540	.50083	22.017

#1	-.00001	-.00373	.02014	.00362	-.00310	.08130	.23051	.00008
#2	-.00128	-.00324	.01837	.00404	-.00311	.07462	.23215	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	28.479	.00070	.00816	.07112	.17069	.66551	8.0572
Stddev	.00008	.134	.00025	.00008	.00019	.00936	.00305	.0510
%RSD	12.550	.47026	35.747	1.0345	.26926	5.4809	.45849	.63358

#1	.00060	28.574	.00053	.00822	.07126	.17731	.66336	8.0211
#2	.00072	28.384	.00088	.00810	.07099	.16408	.66767	8.0933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00057	370.56	.00031	.14640	.75315	-.00009	-.00590
Stddev	.00005	.00004	3.92	.00017	.00347	.08455	.00034	.00616
%RSD	1.4375	7.3185	1.0569	55.120	2.3687	11.226	368.84	104.48

#1	.00372	.00060	367.79	.00019	.14395	.69336	-.00033	-.01026
#2	.00380	.00054	373.33	.00043	.14885	.81293	.00015	-.00154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36942	.55312	-.00039	.00281	.01088	.0036	.08142	5.6004
Stddev	.00573	.00036	.00163	.00005	.00219	.0015	.00004	.0715
%RSD	1.5516	.06473	418.28	1.9116	20.133	42.01	.04685	1.2758

#1	.36537	.55337	-.00155	.00277	.00933	.0046	.08139	5.5498
#2	.37348	.55286	.00076	.00284	.01243	.0025	.08144	5.6509

Sample Name: J6376-03 Acquired: 12/14/2018 1:16:41 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2724
 Stddev .4099
 %RSD 18.039

#1 1.9825
 #2 2.5622

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.9	48103.	4783.2	98.608	3708.1
Stddev	3.0	115.	23.9	2.003	7.5
%RSD	.08421	.23889	.50054	2.0317	.20122

#1	3539.8	48184.	4766.3	100.03	3713.4
#2	3544.0	48022.	4800.2	97.192	3702.9

Sample Name: J6376-06 Acquired: 12/14/2018 1:20:52 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00348	.01416	.00268	.00087	.17495	.24029	.00014
Stddev	.00082	.00127	.00063	.00429	.00017	.00636	.00129	.00006
%RSD	330.96	36.538	4.4158	159.68	19.689	3.6375	.53591	42.591

#1	.00082	-.00258	.01461	-.00035	.00099	.17945	.24120	.00010
#2	-.00033	-.00438	.01372	.00572	.00075	.17045	.23938	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	15.655	.00135	.00062	.02218	.07350	.18885	2.0783
Stddev	.00005	.089	.00032	.00014	.00045	.00520	.00114	.0434
%RSD	5.8842	.56892	23.507	22.418	2.0343	7.0804	.60475	2.0902

#1	.00085	15.592	.00113	.00071	.02186	.07718	.18804	2.1090
#2	.00078	15.718	.00158	.00052	.02250	.06982	.18966	2.0476

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00029	357.00	.00046	.24087	.85689	-.00008	.01335
Stddev	.00035	.00066	2.76	.00053	.00871	.04698	.00004	.01025
%RSD	23.112	222.31	.77305	116.08	3.6165	5.4825	53.513	76.816

#1	.00176	.00017	355.05	.00084	.24702	.82367	-.00010	.00610
#2	.00127	-.00076	358.95	.00008	.23471	.89011	-.00005	.02060

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21982	.72425	-.00011	.00459	.01012	.0153	.05651	5.0854
Stddev	.00017	.00484	.00016	.00070	.00180	.0000	.00006	.1563
%RSD	.07718	.66862	142.54	15.151	17.760	.2710	.10386	3.0745

#1	.21970	.72083	.00000	.00508	.00885	.0153	.05647	4.9749
#2	.21994	.72767	-.00022	.00410	.01139	.0153	.05656	5.1960

Sample Name: J6376-06 Acquired: 12/14/2018 1:20:52 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7302
Stddev	1.0353
%RSD	59.834

#1	.99818
#2	2.4623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3595.1	48899.	4848.1	98.854	3759.3
Stddev	11.8	218.	12.1	3.518	7.3
%RSD	.32813	.44484	.24961	3.5586	.19315

#1	3603.5	49053.	4839.5	96.367	3764.4
#2	3586.8	48745.	4856.6	101.34	3754.1

Sample Name: J6350-02 Acquired: 12/14/2018 1:25:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00045	-.00030	.00056	-.00100	.11297	.03096	.00006
Stddev	.00003	.00095	.00084	.00208	.00030	.00083	.00050	.00002
%RSD	1.6569	209.77	280.19	370.04	29.643	.73440	1.6088	44.582

#1	.00183	-.00113	.00029	.00204	-.00079	.11238	.03061	.00007
#2	.00187	.00022	-.00089	-.00091	-.00121	.11356	.03131	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	6.4453	.00356	-.00010	.00107	.02054	.00114	3.0584
Stddev	.00000	.0348	.00053	.00004	.00060	.00116	.00007	.0216
%RSD	3.1968	.54033	14.822	37.934	56.052	5.6702	6.1859	.70629

#1	-.00015	6.4207	.00319	-.00007	.00150	.02137	.00119	3.0431
#2	-.00014	6.4699	.00394	-.00013	.00065	.01972	.00109	3.0737

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	.00017	43.855	.00298	.00482	12.777	.01255	.03097
Stddev	.00041	.00015	.281	.00011	.00045	.006	.00035	.00257
%RSD	80.084	91.077	.64129	3.7415	9.4317	.04596	2.8097	8.2969

#1	-.00080	.00006	44.054	.00305	.00514	12.781	.01280	.03279
#2	-.00022	.00028	43.656	.00290	.00450	12.773	.01230	.02915

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2336	2.2637	-.00323	.00159	.00942	.0014	.10644	3.4830
Stddev	.1517	.0210	.00052	.00167	.00178	.0015	.00041	.3660
%RSD	2.8989	.92793	16.152	105.35	18.862	109.4	.38869	10.509

#1	5.3409	2.2786	-.00286	.00277	.00816	.0025	.10614	3.2241
#2	5.1263	2.2489	-.00360	.00040	.01068	.0003	.10673	3.7418

Sample Name: J6350-02 Acquired: 12/14/2018 1:25:02 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SV-27781L Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .29879
 Stddev .11316
 %RSD 37.874

#1 .37881
 #2 .21877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.0	51936.	4611.7	99.052	4254.2
Stddev	106.7	44.	63.1	2.482	111.3
%RSD	2.7994	.08448	1.3672	2.5058	2.6150

#1	3737.5	51905.	4567.1	97.297	4175.5
#2	3888.5	51967.	4656.3	100.81	4332.8

Sample Name: J6350-02DUP Acquired: 12/14/2018 1:29:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00096	-.00018	.00371	-.00233	.11835	.02733	.00004
Stddev	.00074	.00007	.00141	.00087	.00100	.00554	.00298	.00002
%RSD	59.728	6.8268	790.99	23.327	42.864	4.6837	10.910	47.090

#1	-.00176	-.00091	-.00118	.00433	-.00162	.12227	.02944	.00006
#2	-.00072	-.00101	.00082	.00310	-.00304	.11443	.02523	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	5.7825	.00353	.00013	.00041	.03091	.00107	2.7314
Stddev	.00012	.1232	.00019	.00004	.00025	.01756	.00000	.0526
%RSD	121.84	2.1309	5.3738	34.224	62.059	56.821	.05872	1.9255

#1	-.00018	5.8696	.00340	.00010	.00059	.01849	.00107	2.7686
#2	-.00001	5.6954	.00367	.00016	.00023	.04333	.00107	2.6942

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00008	39.455	.00269	.00366	11.626	.01249	.02638
Stddev	.00037	.00026	.806	.00025	.00010	.238	.00018	.00929
%RSD	366.06	328.37	2.0426	9.4147	2.7897	2.0457	1.4649	35.206

#1	-.00036	-.00011	40.025	.00287	.00373	11.794	.01262	.01981
#2	.00016	.00027	38.886	.00251	.00359	11.458	.01236	.03295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2845	2.0461	-.00211	.00239	.00535	.0014	.09569	3.7317
Stddev	.0077	.0390	.00062	.00061	.00110	.0007	.00228	.0372
%RSD	.14564	1.9081	29.477	25.364	20.515	54.88	2.3807	.99793

#1	5.2899	2.0737	-.00255	.00282	.00458	.0008	.09730	3.7054
#2	5.2790	2.0185	-.00167	.00196	.00613	.0019	.09408	3.7580

Sample Name: J6350-02DUP Acquired: 12/14/2018 1:29:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .34169
Stddev .41525
%RSD 121.53

#1 .04806
#2 .63532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.9	51773.	5055.4	104.83	4195.2
Stddev	3.2	98.	116.9	2.45	6.3
%RSD	.08414	.18941	2.3116	2.3384	.14974

#1	3752.6	51842.	4972.8	103.10	4190.8
#2	3757.1	51703.	5138.1	106.56	4199.7

Sample Name: CCV15 Acquired: 12/14/2018 1:33:12 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14331 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9655	4.9467	4.9495	4.9199	4.9729	9.4802	9.9574	.24838
Stddev	.0137	.0176	.0247	.0016	.0160	.0153	.1647	.00418
%RSD	.27548	.35686	.49994	.03193	.32089	.16112	1.6542	1.6839
#1	4.9558	4.9343	4.9320	4.9188	4.9617	9.4910	9.8409	.25133
#2	4.9752	4.9592	4.9670	4.9210	4.9842	9.4694	10.074	.24542
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4557	25.224	1.0063	2.4603	1.2580	5.0064	2.5042	24.801
Stddev	.0114	.253	.0157	.0108	.0049	.1084	.0388	.582
%RSD	.46332	1.0011	1.5605	.44008	.39299	2.1655	1.5491	2.3455
#1	2.4476	25.046	1.0174	2.4526	1.2545	4.9297	2.5317	24.389
#2	2.4637	25.403	.99519	2.4679	1.2615	5.0830	2.4768	25.212
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4596	1.2451	24.223	2.4527	2.6332	24.460	5.0381	4.8361
Stddev	.0124	.0225	.380	.0409	.0134	.277	.0149	.0839
%RSD	.50532	1.8041	1.5668	1.6662	.50936	1.1326	.29552	1.7346
#1	2.4508	1.2610	23.954	2.4816	2.6237	24.264	5.0276	4.7767
#2	2.4684	1.2292	24.491	2.4238	2.6426	24.656	5.0486	4.8954
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8103	5.1820	4.9343	4.9458	4.7979	4.891	5.0431	F 4.4262
Stddev	.0151	.0025	.0284	.1204	.0661	.019	.0600	.3126
%RSD	.31359	.04810	.57642	2.4343	1.3778	.3933	1.1892	7.0633
#1	4.7997	5.1802	4.9141	4.8606	4.7511	4.877	5.0007	4.6473
#2	4.8210	5.1837	4.9544	5.0309	4.8446	4.904	5.0855	4.2051

Sample Name: CCV15 Acquired: 12/14/2018 1:33:12 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14331 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1746
Stddev .2862
%RSD 13.163

#1 2.3770
#2 1.9722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.7	50830.	4845.0	96.471	3848.4
Stddev	3.1	704.	12.7	.347	9.1
%RSD	.08328	1.3841	.26166	.35994	.23759

#1	3675.9	50332.	4854.0	96.717	3854.8
#2	3671.5	51327.	4836.0	96.226	3841.9

Sample Name: CCB15 Acquired: 12/14/2018 1:36:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14331 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00063	.00083	-.00173	-.00152	-.01440	.00044
Stddev	.00176	.00089	.00004	.00102	.00041	.01453	.00063
%RSD	339.19	142.53	4.6794	59.129	27.014	100.91	143.56

#1	-.00073	-.00126	.00080	-.00246	-.00181	-.00412	.00088
#2	.00177	.00000	.00086	-.00101	-.00123	-.02467	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00004	.00275	.00037	-.00004	.00002	.01946
Stddev	.00002	.00004	.01748	.00042	.00006	.00038	.01259
%RSD	36.588	101.32	636.58	113.62	150.87	1997.6	64.680

#1	.00007	-.00007	.01511	.00067	.00000	.00029	.02837
#2	.00004	-.00001	-.00962	.00007	-.00009	-.00025	.01056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.02490	-.00102	.00009	-.03107	.00029	-.00340
Stddev	.00004	.04245	.00022	.00053	.00167	.00017	.00002
%RSD	32.316	170.43	22.059	567.62	5.3777	56.815	.49730

#1	.00016	.00511	-.00086	.00047	-.03225	.00018	-.00339
#2	.00010	-.05492	-.00118	-.00028	-.02989	.00041	-.00342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02161	.00036	-.00895	F -.01037	-.00321	-.00007	-.00015
Stddev	.00414	.00000	.00667	.00167	.00055	.00023	.00104
%RSD	19.148	.12808	74.552	16.133	17.136	326.56	681.20

#1	.01868	.00036	-.00423	-.00918	-.00360	.00009	-.00089
#2	.02454	.00036	-.01366	-.01155	-.00282	-.00024	.00059

Sample Name: CCB15 Acquired: 12/14/2018 1:36:59 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14331 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00434	-.0024	-.00036	F 2.6255	F<.00000
Stddev	.00081	.0008	.00007	.2602	.28617
%RSD	18.624	31.56	20.257	9.9109	590.60

#1	.00377	-.0030	-.00030	2.8095	-.25080
#2	.00491	-.0019	-.00041	2.4415	.15390

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3909.3	54120.	5026.9	104.90	4454.1
Stddev	4.9	36.	13.2	1.76	19.1
%RSD	.12604	.06708	.26330	1.6795	.42791

#1	3905.8	54146.	5017.6	103.66	4440.7
#2	3912.8	54094.	5036.3	106.15	4467.6

Sample Name: J6350-02LX5 Acquired: 12/14/2018 1:41:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7794 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00251	.00125	.00015	-.00145	-.00085	.01746	.00695	.00003
Stddev	.00215	.00036	.00001	.00274	.00025	.00187	.00012	.00001
%RSD	85.865	28.657	4.2011	188.60	29.291	10.737	1.7089	42.403

#1	-.00403	.00151	.00014	.00048	-.00068	.01613	.00703	.00002
#2	-.00098	.00100	.00015	-.00339	-.00103	.01878	.00686	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.2101	.00116	.00021	.00012	.01988	.00029	.52911
Stddev	.00002	.0231	.00005	.00011	.00020	.00183	.00005	.00142
%RSD	51.821	1.9078	4.1254	50.655	168.95	9.2232	15.990	.26749

#1	-.00006	1.1937	.00119	.00029	.00026	.01859	.00033	.53011
#2	-.00003	1.2264	.00113	.00014	-.00002	.02118	.00026	.52811

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00064	8.1142	.00095	-.00202	2.3479	.00254	.01457
Stddev	.00013	.00014	.1406	.00040	.00011	.0189	.00009	.01689
%RSD	12.216	22.342	1.7322	42.272	5.3916	.80348	3.5028	115.90

#1	-.00099	.00074	8.0148	.00067	-.00194	2.3346	.00248	.02652
#2	-.00117	.00054	8.2136	.00124	-.00210	2.3613	.00261	.00263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0477	.44338	-.00085	.00020	.00397	.0001	.01976	3.5673
Stddev	.0030	.00032	.00050	.00063	.00048	.0005	.00039	1.4288
%RSD	.28566	.07259	59.332	322.23	12.097	506.4	1.9650	40.054

#1	1.0498	.44361	-.00049	.00064	.00363	-.0002	.01949	4.5776
#2	1.0456	.44316	-.00121	-.00025	.00431	.0004	.02004	2.5569

Sample Name: J6350-02LX5 Acquired: 12/14/2018 1:41:06 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7794 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .08022
Stddev .32917
%RSD 410.36

#1 .31297
#2 -.15254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.5	52047.	4975.5	105.65	4429.0
Stddev	9.4	3365.	25.7	.03	10.9
%RSD	.24114	6.4655	.51659	.02604	.24606

#1	3903.9	49668.	4993.6	105.67	4421.3
#2	3917.2	54427.	4957.3	105.63	4436.7

Sample Name: J6350-02MS Acquired: 12/14/2018 1:45:13 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7794 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76414	1.8633	.93048	1.8458	.76106	1.9930	.23570
Stddev	.00526	.0036	.00146	.0109	.00056	.0121	.00090
%RSD	.68776	.19347	.15714	.59202	.07412	.60961	.38037

#1	.76042	1.8658	.93151	1.8381	.76066	1.9844	.23507
#2	.76785	1.8607	.92944	1.8535	.76145	2.0016	.23634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19171	.18465	6.7329	.41692	.19478	.30687	3.0049
Stddev	.00030	.00031	.0564	.00006	.00062	.00100	.0058
%RSD	.15870	.16980	.83732	.01491	.31774	.32587	.19265

#1	.19150	.18443	6.6930	.41696	.19434	.30616	3.0090
#2	.19193	.18487	6.7728	.41687	.19521	.30758	3.0008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20943	4.7724	.48230	.06949	41.736	.30970	.20340
Stddev	.00006	.0289	.00113	.00069	.033	.00001	.00283
%RSD	.02687	.60459	.23521	.98921	.07847	.00209	1.3921

#1	.20946	4.7928	.48150	.06900	41.713	.30970	.20540
#2	.20939	4.7520	.48310	.06997	41.759	.30969	.20140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.082	.40893	.31732	4.9277	2.9708	.63006	.19291
Stddev	.090	.00070	.01123	.0086	.0286	.00188	.00011
%RSD	.42703	.17059	3.5385	.17513	.96338	.29768	.05586

#1	21.019	.40844	.30938	4.9216	2.9910	.62874	.19284
#2	21.146	.40943	.32526	4.9338	2.9505	.63139	.19299

Sample Name: J6350-02MS Acquired: 12/14/2018 1:45:13 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7794 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20551	5.142	.29240	3.2834	F<.00000
Stddev	.00089	.002	.00074	.2115	.08781
%RSD	.43380	.0355	.25250	6.4429	5.6363

#1	.20488	5.141	.29188	3.4329	-1.6200
#2	.20614	5.143	.29292	3.1338	-1.4958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.3	53016.	4917.4	104.93	4226.1
Stddev	.5	12.	46.7	1.26	1.9
%RSD	.01320	.02268	.94919	1.1972	.04448

#1	3817.7	53007.	4884.4	104.04	4227.4
#2	3817.0	53024.	4950.4	105.82	4224.7

Sample Name: J6350-02MSD Acquired: 12/14/2018 1:49:05 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14340 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75662	1.8639	.92729	1.8409	.75675	2.0176	.23482
Stddev	.00168	.0004	.00049	.0044	.00213	.0130	.00199
%RSD	.22232	.02160	.05319	.23816	.28108	.64471	.84731

#1	.75543	1.8642	.92694	1.8440	.75825	2.0084	.23341
#2	.75781	1.8636	.92764	1.8378	.75524	2.0268	.23623

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19126	.18399	6.7189	.41697	.19508	.30582	3.0100
Stddev	.00032	.00010	.0515	.00218	.00000	.00076	.0062
%RSD	.16662	.05567	.76702	.52279	.00113	.24945	.20610

#1	.19149	.18391	6.6825	.41543	.19508	.30636	3.0144
#2	.19104	.18406	6.7554	.41851	.19509	.30528	3.0056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20941	4.6970	.48025	.07031	41.774	.30986	.20205
Stddev	.00103	.0955	.00005	.00049	.243	.00105	.00052
%RSD	.49143	2.0336	.00959	.69696	.58152	.33763	.25725

#1	.20868	4.6295	.48029	.07066	41.602	.31060	.20168
#2	.21014	4.7646	.48022	.06996	41.946	.30912	.20241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.118	.40716	.31973	4.9061	2.9561	.63012	.19543
Stddev	.134	.00003	.00160	.0007	.0278	.00007	.00454
%RSD	.63538	.00624	.50020	.01462	.93885	.01064	2.3209

#1	21.023	.40718	.32086	4.9066	2.9364	.63007	.19222
#2	21.213	.40715	.31860	4.9056	2.9757	.63016	.19863

Sample Name: J6350-02MSD Acquired: 12/14/2018 1:49:05 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14340 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20611	5.115	.29243	3.0135	F<.00000
Stddev	.00371	.008	.00249	.1059	.65281
%RSD	1.8017	.1487	.84996	3.5129	49.598

#1	.20349	5.121	.29067	3.0884	-1.7778
#2	.20874	5.110	.29418	2.9387	-.85461

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.1	53017.	4932.0	105.40	4236.9
Stddev	11.9	37.	.7	.08	9.2
%RSD	.30980	.06946	.01424	.07224	.21671

#1	3819.7	53043.	4931.5	105.45	4230.4
#2	3836.4	52991.	4932.5	105.35	4243.4

Sample Name: J6350-02A Acquired: 12/14/2018 1:52:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14340 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75575	1.8633	.92930	1.8417	.75985	2.0236	.23573	.19130
Stddev	.00242	.0058	.00041	.0011	.00436	.0019	.00042	.00004
%RSD	.32054	.31087	.04446	.05745	.57399	.09154	.17665	.02177

#1	.75403	1.8592	.92901	1.8410	.76293	2.0249	.23544	.19133
#2	.75746	1.8674	.92959	1.8425	.75676	2.0223	.23603	.19127

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18432	6.7424	.42126	.19500	.30563	3.0576	.21009	4.7412
Stddev	.00016	.0083	.00016	.00054	.00004	.0685	.00003	.0840
%RSD	.08847	.12364	.03893	.27774	.01431	2.2408	.01334	1.7721

#1	.18444	6.7365	.42137	.19462	.30567	3.1061	.21011	4.6818
#2	.18421	6.7483	.42114	.19538	.30560	3.0092	.21007	4.8006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48125	.06993	41.746	.31005	.20558	21.020	.40748	.31189
Stddev	.00036	.00041	.376	.00164	.00319	.154	.00021	.01280
%RSD	.07494	.58135	.90113	.52841	1.5524	.73251	.05101	4.1051

#1	.48100	.06964	41.480	.31120	.20784	20.911	.40734	.32094
#2	.48151	.07022	42.012	.30889	.20333	21.129	.40763	.30283

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9186	2.9540	.62915	.19775	.20482	5.130	.29282	3.4423
Stddev	.0079	.0292	.00115	.00025	.00171	.002	.00198	.1470
%RSD	.16088	.98760	.18212	.12565	.83713	.0299	.67730	4.2711

#1	4.9242	2.9334	.62834	.19757	.20361	5.131	.29142	3.5463
#2	4.9130	2.9747	.62997	.19793	.20603	5.129	.29422	3.3384

Sample Name: J6350-02A Acquired: 12/14/2018 1:52:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14340 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.15721
%RSD	16.996

#1	-1.0362
#2	-.81384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.4	52841.	4958.2	104.06	4243.1
Stddev	18.9	141.	4.2	2.04	18.9
%RSD	.49219	.26641	.08401	1.9560	.44539

#1	3828.0	52742.	4961.1	102.62	4229.7
#2	3854.8	52941.	4955.2	105.50	4256.5

Sample Name: J6373-11 Acquired: 12/14/2018 1:56:50 Type: Unk
Method: P4-ICP2(v2649) 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	-.00152	-.00142	-.00040	.00338	-.00271	.00989	.12671	.00001
Stddev	.00179	.00079	.00150	.00028	.00011	.01034	.00107	.00001
%RSD	117.37	55.222	370.53	8.1838	4.2229	104.57	.84575	80.873

#1	-.00279	-.00198	-.00146	.00357	-.00279	.00258	.12595	.00002
#2	-.00026	-.00087	.00065	.00318	-.00263	.01720	.12746	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	2.7372	.00068	-.00005	-.00026	.11998	.07387	.60376
Stddev	.00006	.0493	.00025	.00006	.00003	.00864	.00031	.05923
%RSD	36.180	1.8009	36.745	140.06	9.9009	7.1984	.42130	9.8100

#1	-.00020	2.7023	.00051	-.00009	-.00024	.12609	.07365	.64564
#2	-.00012	2.7720	.00086	-.00000	-.00028	.11387	.07409	.56188

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00065	1.4345	.00011	.12548	2.7416	.00022	.39391
Stddev	.00018	.00031	.0237	.00004	.00267	.0428	.00040	.00389
%RSD	50.294	47.274	1.6546	40.519	2.1273	1.5606	183.30	.98782

#1	-.00023	.00086	1.4178	.00008	.12359	2.7114	.00050	.39666
#2	-.00049	.00043	1.4513	.00014	.12737	2.7719	-.00006	.39115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4522	.13583	-.00113	.00112	.00336	.5479	.01087	2.1984
Stddev	.0007	.00127	.00005	.00092	.00112	.0003	.00008	.1767
%RSD	.04823	.93794	4.6122	82.802	33.236	.0517	.73346	8.0362

#1	1.4527	.13673	-.00109	.00177	.00257	.5481	.01082	2.3233
#2	1.4517	.13493	-.00116	.00046	.00416	.5477	.01093	2.0735

Sample Name: J6373-11 Acquired: 12/14/2018 1:56:50 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .40483
 %RSD 70.771

#1 -.85829
 #2 -.28577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.4	54574.	4998.6	104.41	4423.9
Stddev	9.9	114.	31.0	2.45	6.1
%RSD	.25512	.20926	.61947	2.3421	.13700

#1	3882.4	54493.	5020.5	106.14	4419.6
#2	3896.4	54655.	4976.7	102.68	4428.1

Sample Name: J6376-08 Acquired: 12/14/2018 2:00:56 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-1-W Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00354	-.00126	.00061	-.00045	-.00229	.00692	.03441	-.00001
Stddev	.00049	.00059	.00080	.00353	.00136	.00259	.00199	.00001
%RSD	13.755	46.639	131.43	793.08	59.343	37.436	5.7947	183.19
#1	-.00389	-.00084	.00117	.00205	-.00133	.00509	.03300	-.00002
#2	-.00320	-.00167	.00004	-.00294	-.00325	.00875	.03582	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	25.307	.00047	.00000	-.00042	.00738	.06071	2.6010
Stddev	.00009	.713	.00029	.00018	.00043	.00964	.00037	.0440
%RSD	49.043	2.8186	62.551	11278.	103.14	130.69	.61250	1.6922
#1	-.00012	24.802	.00026	-.00012	-.00073	.01420	.06097	2.5699
#2	-.00025	25.811	.00068	.00013	-.00011	.00056	.06044	2.6321
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00129	12.221	.00020	.04427	.96475	.00006	.01623
Stddev	.00001	.00013	.291	.00019	.00094	.03339	.00020	.00144
%RSD	1.6609	10.241	2.3816	95.434	2.1128	3.4610	343.86	8.8514
#1	-.00036	.00120	12.016	.00006	.04360	.94114	.00020	.01724
#2	-.00035	.00139	12.427	.00033	.04493	.98836	-.00008	.01521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.926	1.3178	-.00540	.00066	.00128	.0074	.08885	2.6419
Stddev	.576	.0013	.00015	.00026	.00023	.0007	.00272	.0836
%RSD	3.8613	.09687	2.7793	39.577	18.200	9.903	3.0657	3.1644
#1	14.518	1.3169	-.00551	.00047	.00111	.0079	.08692	2.7010
#2	15.333	1.3187	-.00529	.00084	.00144	.0069	.09078	2.5828

Sample Name: J6376-08 Acquired: 12/14/2018 2:00:56 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-1-W Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81841
Stddev	.38821
%RSD	47.434

#1	1.0929
#2	.54391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.8	54038.	5088.8	105.89	4237.7
Stddev	114.8	363.	38.8	1.14	152.3
%RSD	3.0439	.67137	.76323	1.0789	3.5943

#1	3851.0	53782.	5116.3	106.70	4345.4
#2	3688.7	54295.	5061.4	105.08	4130.0

Sample Name: J6326-01 Acquired: 12/14/2018 2:05:00 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00012	.00108	-.00116	-.00398	.00804	.01953	.00008
Stddev	.00307	.00009	.00064	.00122	.00059	.00943	.00154	.00003
%RSD	2702.2	73.351	58.917	105.42	14.804	117.28	7.8817	34.145

#1	-.00229	-.00006	.00153	-.00202	-.00357	.00137	.02061	.00006
#2	.00206	-.00019	.00063	-.00029	-.00440	.01470	.01844	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	29.803	.00034	-.00007	.00094	.05692	.00241	6.4741
Stddev	.00008	1.787	.00020	.00009	.00004	.00869	.00011	.4111
%RSD	50.300	5.9959	58.558	133.14	4.3060	15.275	4.5019	6.3503

#1	-.00023	31.067	.00049	-.00000	.00097	.06307	.00233	6.7648
#2	-.00011	28.540	.00020	-.00013	.00091	.05077	.00248	6.1834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	.00068	23.650	.00030	-.00319	1.6135	-.00008	.00230
Stddev	.00039	.00037	1.446	.00021	.00005	.0353	.00001	.02190
%RSD	22.773	55.377	6.1153	69.592	1.5401	2.1896	11.412	952.00

#1	-.00143	.00094	24.673	.00015	-.00316	1.6384	-.00008	-.01319
#2	-.00198	.00041	22.628	.00045	-.00323	1.5885	-.00009	.01779

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5245	3.4065	-.00251	.00037	.00230	.0275	.12566	3.7618
Stddev	.0050	.1538	.00060	.00340	.00013	.0013	.00736	.0245
%RSD	.14161	4.5155	23.758	907.33	5.5223	4.774	5.8597	.65132

#1	3.5281	3.5153	-.00208	-.00203	.00239	.0266	.13087	3.7792
#2	3.5210	3.2978	-.00293	.00278	.00221	.0284	.12045	3.7445

Sample Name: J6326-01 Acquired: 12/14/2018 2:05:00 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3178
Stddev .2220
%RSD 16.845

#1 1.1609
#2 1.4748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.1	51429.	4682.1	100.40	4234.9
Stddev	2.1	1.	236.4	5.46	7.8
%RSD	.05653	.00129	5.0489	5.4413	.18446

#1	3743.6	51429.	4514.9	96.532	4240.4
#2	3740.6	51430.	4849.3	104.26	4229.3

Sample Name: J6326-01DUP Acquired: 12/14/2018 2:09:04 Type: Unk
Method: P4-ICP2(v2649) 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	-.00049	-.00125	.00124	.00341	-.00136	.01181	.02010	.00007
Stddev	.00217	.00042	.00043	.00321	.00033	.00086	.00220	.00010
%RSD	437.87	33.824	34.608	94.049	24.121	7.2449	10.944	131.57

#1	-.00203	-.00155	.00154	.00114	-.00113	.01241	.02165	.00014
#2	.00104	-.00095	.00094	.00568	-.00159	.01120	.01854	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	29.842	-.00018	-.00011	.00068	.05937	.00233	6.4143
Stddev	.00003	1.226	.00021	.00028	.00063	.00501	.00000	.3061
%RSD	17.304	4.1072	122.29	253.95	92.805	8.4389	.11762	4.7721

#1	-.00015	30.709	-.00033	-.00031	.00113	.05583	.00234	6.6307
#2	-.00019	28.975	-.00002	.00009	.00023	.06291	.00233	6.1978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00024	23.395	.00038	-.00320	1.6104	-.00014	.00164
Stddev	.00032	.00041	.781	.00010	.00011	.0363	.00015	.00448
%RSD	20.052	170.89	3.3394	26.742	3.5701	2.2565	112.76	272.62

#1	-.00183	.00053	23.948	.00031	-.00328	1.6361	-.00003	-.00153
#2	-.00138	-.00005	22.843	.00045	-.00312	1.5847	-.00025	.00481

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5385	3.3943	-.00262	.00127	.00122	.0302	.12507	3.7591
Stddev	.0047	.0907	.00023	.00023	.00037	.0013	.00571	.4412
%RSD	.13165	2.6712	8.6812	18.167	30.595	4.333	4.5663	11.738

#1	3.5418	3.4584	-.00246	.00143	.00096	.0292	.12911	4.0711
#2	3.5352	3.3302	-.00278	.00111	.00149	.0311	.12104	3.4471

Sample Name: J6326-01DUP Acquired: 12/14/2018 2:09:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8463
Stddev .1066
%RSD 5.7708

#1 1.9217
#2 1.7710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.2	51309.	4668.0	101.02	4218.3
Stddev	8.9	405.	124.0	.37	4.2
%RSD	.23812	.78878	2.6556	.36839	.10056

#1	3717.9	51023.	4580.4	100.75	4215.3
#2	3730.5	51595.	4755.7	101.28	4221.3

Sample Name: J6326-01LX5 Acquired: 12/14/2018 2:13:09 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00056	.00124	.00057	-.00138	.01368	.00509	.00004
Stddev	.00218	.00110	.00024	.00107	.00106	.01407	.00035	.00009
%RSD	5113.9	196.57	19.621	188.05	77.247	102.79	6.9235	242.03

#1	-.00150	-.00134	.00142	.00133	-.00213	.00374	.00534	-.00003
#2	.00159	.00022	.00107	-.00019	-.00063	.02363	.00484	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	5.4787	.00009	-.00003	-.00028	.02397	.00067	1.1373
Stddev	.00001	.1266	.00026	.00030	.00036	.00883	.00003	.0481
%RSD	6.1509	2.3102	272.98	910.50	128.12	36.832	4.0127	4.2277

#1	-.00009	5.3892	-.00009	-.00025	-.00054	.03022	.00069	1.1713
#2	-.00010	5.5682	.00028	.00018	-.00003	.01773	.00065	1.1033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.00010	4.3109	.00020	-.00359	.31123	-.00026	-.01043
Stddev	.00013	.00048	.0493	.00044	.00002	.00585	.00002	.00606
%RSD	9.9772	492.67	1.1447	218.10	.56568	1.8806	5.8417	58.086

#1	-.00143	.00043	4.2760	-.00011	-.00361	.30709	-.00025	-.01472
#2	-.00124	-.00024	4.3458	.00051	-.00358	.31537	-.00027	-.00615

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65800	.63234	-.00096	-.00052	.00124	.0053	.02302	3.0726
Stddev	.00059	.00237	.00004	.00229	.00054	.0001	.00049	.1903
%RSD	.09024	.37416	3.7239	443.69	43.621	2.154	2.1493	6.1947

#1	.65758	.63067	-.00093	-.00214	.00163	.0054	.02267	2.9380
#2	.65842	.63402	-.00099	.00110	.00086	.0052	.02337	3.2072

Sample Name: J6326-01LX5 Acquired: 12/14/2018 2:13:09 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .16139
Stddev .00596
%RSD 3.6946

#1 .16560
#2 .15717

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.6	52958.	4906.9	104.27	4347.2
Stddev	1.4	3.	34.9	.99	6.3
%RSD	.03659	.00625	.71109	.94944	.14438

#1	3829.6	52961.	4931.6	103.57	4342.8
#2	3831.6	52956.	4882.2	104.97	4351.7

Sample Name: J6326-01MS Acquired: 12/14/2018 2:17:15 Type: Unk
Method: P4-ICP2(v2649) 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	.98503	2.3985	1.1823	2.5254	.99157	2.4215	.28043	.25973
Stddev	.00156	.0015	.0044	.0046	.00381	.0047	.00990	.00099
%RSD	.15875	.06349	.37005	.18411	.38432	.19580	3.5299	.38232
#1	.98613	2.3974	1.1792	2.5286	.98888	2.4181	.28743	.26043
#2	.98392	2.3996	1.1854	2.5221	.99427	2.4248	.27343	.25902
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23406	30.436	.51523	.23872	.39241	3.8021	.26039	8.8637
Stddev	.00071	.949	.00207	.00100	.00169	.1026	.00062	.3470
%RSD	.30432	3.1171	.40194	.41699	.42963	2.6985	.23683	3.9147
#1	.23356	31.107	.51377	.23802	.39122	3.8747	.26083	9.1090
#2	.23457	29.766	.51670	.23942	.39361	3.7296	.25996	8.6183
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59456	.08798	26.710	.37650	.27018	14.514	.50401	.37507
Stddev	.00069	.00008	.989	.00003	.00404	.469	.00101	.02314
%RSD	.11649	.09359	3.7021	.00721	1.4949	3.2288	.20137	6.1685
#1	.59407	.08793	27.409	.37651	.27304	14.845	.50329	.39143
#2	.59505	.08804	26.011	.37648	.26733	14.183	.50472	.35871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5215	4.5393	.78323	.24607	.24323	6.698	.37081	4.1532
Stddev	.0069	.1515	.00284	.00659	.00789	.010	.01259	.0428
%RSD	.19610	3.3377	.36315	2.6766	3.2427	.1428	3.3953	1.0318
#1	3.5167	4.6464	.78122	.25073	.24881	6.691	.37972	4.1835
#2	3.5264	4.4321	.78524	.24141	.23765	6.704	.36191	4.1229

Sample Name: J6326-01MS Acquired: 12/14/2018 2:17:15 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.56997
%RSD	524.78

#1	.29442
#2	-.51164

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.8	50776.	4665.4	100.01	4106.0
Stddev	6.3	32.	133.7	1.65	7.5
%RSD	.17191	.06291	2.8663	1.6539	.18295

#1	3680.3	50753.	4570.8	98.836	4111.3
#2	3671.3	50799.	4759.9	101.18	4100.7

Sample Name: CCV16 Acquired: 12/14/2018 2:21:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7788 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9100	4.8952	4.8994	4.8713	4.9221	9.5143	9.8427	.24825
Stddev	.0125	.0069	.0076	.0158	.0005	.1747	.1774	.00094
%RSD	.25367	.14107	.15452	.32471	.00969	1.8357	1.8021	.37950
#1	4.9012	4.9001	4.8941	4.8825	4.9218	9.3908	9.7173	.24891
#2	4.9188	4.8903	4.9048	4.8601	4.9225	9.6378	9.9682	.24758
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4340	24.923	1.0068	2.4379	1.2436	4.8799	2.4988	24.613
Stddev	.0008	.611	.0023	.0013	.0002	.1835	.0012	.721
%RSD	.03510	2.4497	.23108	.05507	.01781	3.7601	.04900	2.9277
#1	2.4346	24.491	1.0051	2.4370	1.2437	4.7501	2.4979	24.103
#2	2.4334	25.355	1.0084	2.4389	1.2434	5.0096	2.4996	25.122
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4335	1.2505	23.791	2.4430	2.5343	24.089	4.9785	4.8005
Stddev	.0016	.0006	.413	.0012	.0775	.438	.0089	.1290
%RSD	.06521	.05087	1.7372	.04725	3.0564	1.8202	.17928	2.6879
#1	2.4346	1.2510	23.499	2.4438	2.4795	23.779	4.9722	4.7092
#2	2.4324	1.2501	24.083	2.4421	2.5891	24.399	4.9848	4.8917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7701	5.1176	4.8780	4.8957	4.7182	4.843	4.9806	4.5493
Stddev	.0103	.0640	.0029	.0949	.0906	.004	.1048	.0631
%RSD	.21626	1.2516	.06046	1.9391	1.9214	.0866	2.1050	1.3877
#1	4.7628	5.0723	4.8801	4.8286	4.6541	4.840	4.9064	4.5939
#2	4.7774	5.1629	4.8760	4.9628	4.7823	4.846	5.0547	4.5046

Sample Name: CCV16 Acquired: 12/14/2018 2:21:08 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7788 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7559
Stddev .3653
%RSD 13.256

#1 3.0143
#2 2.4976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.4	50644.	4902.8	100.11	3878.0
Stddev	7.6	53.	42.7	2.83	14.4
%RSD	.20561	.10442	.87050	2.8223	.37229
#1	3705.0	50606.	4933.0	102.11	3867.8
#2	3715.8	50681.	4872.6	98.112	3888.2

Sample Name: CCB16 Acquired: 12/14/2018 2:24:55 Type: Unk
Method: P4-ICP2(v2649) 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	.00139	.00063	.00113	.00026	-.00102	.00196	.00238
Stddev	.00306	.00023	.00047	.00101	.00089	.01130	.00054
%RSD	219.25	36.072	41.713	386.79	87.780	577.88	22.522

#1	.00356	.00079	.00079	.00097	-.00039	.00994	.00276
#2	-.00077	.00047	.00146	-.00045	-.00165	-.00603	.00200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00012	-.00316	.00017	-.00017	-.00046	.00309
Stddev	.00004	.00016	.00500	.00049	.00003	.00058	.00911
%RSD	175.44	140.32	158.35	284.95	19.461	125.66	295.19

#1	-.00001	-.00023	-.00669	.00052	-.00015	-.00005	-.00336
#2	.00006	-.00000	.00038	-.00017	-.00020	-.00087	.00953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.04809	-.00136	.00093	-.10905	.00026	-.00349
Stddev	.00005	.02682	.00011	.00014	.01439	.00003	.00001
%RSD	26.428	55.768	8.4537	15.316	13.195	13.205	.27748

#1	.00020	-.06705	-.00144	.00082	-.11922	.00024	-.00350
#2	.00014	-.02913	-.00127	.00103	-.09887	.00029	-.00349

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03141	.00020	-.00638	F -.01046	-.00276	.00040	.00157
Stddev	.02942	.00011	.00242	.00124	.00109	.00006	.00079
%RSD	93.659	54.708	37.880	11.896	39.664	13.991	50.157

#1	-.01061	.00012	-.00809	-.00958	-.00353	.00036	.00101
#2	-.05221	.00028	-.00467	-.01134	-.00198	.00044	.00212

Sample Name: CCB16 Acquired: 12/14/2018 2:24:55 Type: Unk
Method: P4-ICP2(v2649) 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	.00136	-.0013	-.00022	F 4.0022	F<.00000
Stddev	.00136	.0002	.00009	1.2523	.37093
%RSD	100.28	14.94	38.059	31.290	122.98

#1	.00232	-.0012	-.00016	3.1167	-.56390
#2	.00039	-.0015	-.00028	4.8877	-.03932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3854.5	50997.	4927.7	104.28	4391.6
Stddev	11.3	3171.	17.7	.19	4.2
%RSD	.29364	6.2183	.35946	.18083	.09514

#1	3846.5	53240.	4940.2	104.41	4394.5
#2	3862.5	48755.	4915.2	104.14	4388.6

Sample Name: J6326-01MSD Acquired: 12/14/2018 2:29:02 Type: Unk
Method: P4-ICP2(v2649) 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	.99039	2.4134	1.1881	2.5337	.99464	2.4045	.27982	.25562	.23572
Stddev	.01172	.0378	.0181	.0358	.01123	.0435	.00853	.00415	.00373
%RSD	1.1837	1.5649	1.5213	1.4117	1.1291	1.8104	3.0478	1.6251	1.5843
#1	.99868	2.4401	1.2008	2.5590	1.0026	2.4353	.28585	.25855	.23836
#2	.98210	2.3867	1.1753	2.5084	.98670	2.3737	.27379	.25268	.23307
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.607	.51052	.24008	.39555	3.7651	.25620	8.9081	.59990	.08621
Stddev	1.144	.00821	.00396	.00560	.1563	.00395	.2614	.00976	.00045
%RSD	3.7382	1.6084	1.6514	1.4149	4.1520	1.5434	2.9347	1.6264	.51742
#1	31.416	.51633	.24288	.39951	3.8756	.25900	9.0929	.60680	.08652
#2	29.798	.50471	.23728	.39159	3.6546	.25341	8.7232	.59300	.08589
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	26.820	.37206	.26559	14.486	.50514	.37573	3.5275	4.5216	.78577
Stddev	.898	.00522	.00997	.505	.00675	.00530	.0471	.1201	.01736
%RSD	3.3474	1.4035	3.7550	3.4832	1.3363	1.4112	1.3357	2.6571	2.2089
#1	27.455	.37576	.27264	14.842	.50991	.37198	3.5609	4.6065	.79805
#2	26.185	.36837	.25853	14.129	.50037	.37948	3.4942	4.4366	.77350
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.24758	.24380	6.759	.37358	4.0233	.22366			
Stddev	.00975	.00842	.102	.01340	.3235	.46654			
%RSD	3.9383	3.4523	1.511	3.5872	8.0396	208.59			
#1	.25447	.24975	6.832	.38305	4.2520	-.10623			
#2	.24068	.23785	6.687	.36410	3.7946	.55356			

Sample Name: J6326-01MSD Acquired: 12/14/2018 2:29:02 Type: Unk
Method: P4-ICP2(v2649) 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	3663.5	51231.	4658.5	101.34	4083.5
Stddev	50.4	570.	135.5	3.68	65.1
%RSD	1.3745	1.1119	2.9090	3.6348	1.5943
#1	3627.9	50829.	4562.6	98.737	4037.4
#2	3699.1	51634.	4754.3	103.95	4129.5

Sample Name: J6326-01A Acquired: 12/14/2018 2:32:53 Type: Unk
Method: P4-ICP2(v2649) 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	.97218	2.3832	1.1725	2.5000	.98355	2.5757	.27827	.27861
Stddev	.00669	.0065	.0055	.0087	.00757	.2328	.01378	.02597
%RSD	.68790	.27391	.46706	.34715	.76928	9.0378	4.9509	9.3207

#1	.96745	2.3786	1.1686	2.4939	.97820	2.7403	.28802	.29697
#2	.97691	2.3878	1.1764	2.5061	.98890	2.4111	.26853	.26025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23298	30.253	.55465	.23645	.39041	3.7965	.27916	8.7959
Stddev	.00065	1.542	.04841	.00106	.00034	.1246	.02564	.5227
%RSD	.27864	5.0952	8.7281	.44813	.08655	3.2816	9.1830	5.9423

#1	.23252	31.343	.58888	.23570	.39017	3.8845	.29728	9.1655
#2	.23344	29.163	.52042	.23720	.39065	3.7084	.26103	8.4263

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59142	.09556	26.761	.40740	.26846	14.395	.49855	.38183
Stddev	.00222	.00910	1.133	.03747	.00700	.603	.00266	.00284
%RSD	.37551	9.5215	4.2341	9.1970	2.6086	4.1872	.53336	.74324

#1	.58985	.10200	27.562	.43389	.27341	14.822	.49667	.38384
#2	.59299	.08913	25.959	.38090	.26351	13.969	.50043	.37983

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4883	4.5344	.77361	.24599	.24446	6.656	.36934	5.8180
Stddev	.0099	.2271	.00249	.01356	.01353	.047	.01586	1.7474
%RSD	.28259	5.0090	.32135	5.5114	5.5351	.7116	4.2934	30.034

#1	3.4813	4.6950	.77185	.25557	.25403	6.623	.38055	7.0536
#2	3.4953	4.3738	.77537	.23640	.23490	6.690	.35813	4.5824

Sample Name: J6326-01A Acquired: 12/14/2018 2:32:53 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .47657
%RSD 151.41

#1 .02224
#2 -.65174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.6	47430.	4663.4	99.948	4118.4
Stddev	14.0	3895.	196.7	2.611	14.6
%RSD	.37784	8.2114	4.2179	2.6129	.35546

#1	3708.5	44676.	4524.3	98.101	4128.7
#2	3688.8	50184.	4802.5	101.79	4108.0

Sample Name: J6326-02 Acquired: 12/14/2018 2:36:44 Type: Unk
Method: P4-ICP2(v2649) 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	.00204	-.00026	.00181	.00473	-.00204	.00497	.01949	.00007
Stddev	.00319	.00032	.00121	.00127	.00034	.00082	.00238	.00001
%RSD	156.55	122.56	66.928	26.803	16.894	16.607	12.229	19.785

#1	.00429	-.00003	.00095	.00563	-.00179	.00555	.02117	.00006
#2	-.00022	-.00048	.00266	.00384	-.00228	.00438	.01780	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	30.029	-.00043	-.00005	.00064	.05407	.00235	6.4080
Stddev	.00003	1.460	.00069	.00016	.00054	.01056	.00005	.4108
%RSD	13.602	4.8622	158.46	349.10	84.663	19.526	1.9309	6.4112

#1	-.00020	31.061	.00005	-.00016	.00026	.06154	.00238	6.6985
#2	-.00024	28.996	-.00092	.00007	.00102	.04661	.00232	6.1175

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00053	24.030	.00132	-.00202	1.6836	.00016	.00916
Stddev	.00046	.00026	1.295	.00001	.00006	.0980	.00059	.01666
%RSD	27.548	49.288	5.3890	.73094	3.0302	5.8226	380.33	181.77

#1	-.00136	.00072	24.945	.00132	-.00197	1.7530	-.00026	-.00261
#2	-.00202	.00035	23.114	.00133	-.00206	1.6143	.00057	.02094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5705	3.4260	-.00265	.00170	.00286	.0294	.12731	4.2119
Stddev	.0197	.1206	.00060	.00200	.00009	.0009	.00607	.1569
%RSD	.55122	3.5202	22.709	117.49	3.2132	3.211	4.7672	3.7252

#1	3.5566	3.5112	-.00222	.00029	.00292	.0287	.13161	4.3229
#2	3.5844	3.3407	-.00307	.00311	.00279	.0301	.12302	4.1010

Sample Name: J6326-02 Acquired: 12/14/2018 2:36:44 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1336
 Stddev .2757
 %RSD 24.318

#1 .93865
 #2 1.3285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.9	50636.	4634.7	98.660	4179.7
Stddev	2.6	83.	192.1	5.210	2.6
%RSD	.06915	.16366	4.1458	5.2803	.06156

#1	3694.1	50694.	4498.8	94.976	4181.6
#2	3697.7	50577.	4770.5	102.34	4177.9

Sample Name: J6326-03 Acquired: 12/14/2018 2:40:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00085	.00104	.00065	-.00204	.00744	.02048	.00003
Stddev	.00172	.00146	.00061	.00189	.00076	.00927	.00309	.00004
%RSD	2721.2	170.55	58.577	292.19	37.426	124.68	15.068	166.36

#1	.00128	-.00189	.00148	-.00069	-.00258	.01399	.02266	-.00000
#2	-.00115	.00018	.00061	.00198	-.00150	.00088	.01829	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	31.140	-.00016	-.00011	.00068	.04993	.00225	7.3248
Stddev	.00007	2.626	.00013	.00021	.00016	.01432	.00005	.6594
%RSD	41.953	8.4333	84.339	193.00	23.082	28.690	2.2818	9.0023

#1	-.00013	32.997	-.00025	.00004	.00057	.06005	.00229	7.7911
#2	-.00023	29.283	-.00006	-.00025	.00079	.03980	.00221	6.8585

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00049	30.472	.00091	-.00307	1.8999	-.00002	.00226
Stddev	.00002	.00055	2.715	.00029	.00014	.1299	.00028	.00490
%RSD	.86677	113.19	8.9097	32.469	4.3989	6.8361	1353.2	216.88

#1	-.00192	.00010	32.392	.00112	-.00297	1.9918	-.00022	-.00120
#2	-.00190	.00087	28.552	.00070	-.00317	1.8081	.00017	.00572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0974	3.4791	-.00329	.00219	.00092	.0325	.13566	4.2770
Stddev	.0047	.2524	.00025	.00264	.00042	.0005	.01120	.1484
%RSD	.11582	7.2544	7.6067	120.29	45.735	1.528	8.2597	3.4701

#1	4.0940	3.6575	-.00311	.00406	.00122	.0321	.14358	4.3820
#2	4.1007	3.3006	-.00346	.00033	.00062	.0328	.12774	4.1721

Sample Name: J6326-03 Acquired: 12/14/2018 2:40:49 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5803
Stddev .2399
%RSD 15.180

#1 1.4106
#2 1.7499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.3	50682.	4572.3	95.409	4165.1
Stddev	11.1	189.	333.0	8.068	5.0
%RSD	.29920	.37289	7.2830	8.4562	.12025

#1	3692.5	50548.	4336.8	89.705	4168.6
#2	3708.2	50816.	4807.8	101.11	4161.6

Sample Name: J6326-04 Acquired: 12/14/2018 2:44:53 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00114	.00153	.00079	-.00226	.01219	.01966	.00003
Stddev	.00078	.00041	.00019	.00033	.00209	.00012	.00145	.00001
%RSD	283.52	36.021	12.390	41.022	92.242	1.0159	7.3612	40.885

#1	.00028	.00143	.00140	.00102	-.00079	.01210	.02069	.00004
#2	-.00082	.00085	.00167	.00056	-.00374	.01228	.01864	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	29.734	-.00005	-.00013	.00039	.05331	.00232	7.0709
Stddev	.00004	1.294	.00036	.00007	.00060	.00164	.00003	.2590
%RSD	33.246	4.3508	801.81	52.071	155.12	3.0827	1.4413	3.6629

#1	-.00016	30.649	-.00030	-.00017	.00082	.05214	.00229	7.2541
#2	-.00010	28.819	.00021	-.00008	-.00004	.05447	.00234	6.8878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	.00006	29.752	.00083	-.00224	1.8436	.00017	.01475
Stddev	.00008	.00031	1.309	.00044	.00020	.0355	.00011	.01248
%RSD	4.8780	497.99	4.4002	53.087	8.7970	1.9270	61.695	84.607

#1	-.00162	.00028	30.677	.00114	-.00210	1.8687	.00025	.00593
#2	-.00174	-.00016	28.826	.00052	-.00238	1.8185	.00010	.02358

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0851	3.3234	-.00257	-.00046	.00130	.0299	.13041	4.1437
Stddev	.0092	.1752	.00002	.00052	.00083	.0007	.00566	.1187
%RSD	.22581	5.2729	.75743	112.49	64.170	2.478	4.3439	2.8651

#1	4.0917	3.4473	-.00256	-.00009	.00189	.0304	.13441	4.2276
#2	4.0786	3.1994	-.00258	-.00082	.00071	.0294	.12640	4.0597

Sample Name: J6326-04 Acquired: 12/14/2018 2:44:53 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5046
 Stddev .3780
 %RSD 25.121

#1 1.7719
 #2 1.2373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.4	50877.	4711.2	100.69	4165.9
Stddev	5.7	146.	199.1	5.02	2.5
%RSD	.15294	.28792	4.2263	4.9857	.06014

#1	3696.4	50773.	4570.4	97.142	4164.1
#2	3704.5	50980.	4852.0	104.24	4167.6

Sample Name: J6326-05 Acquired: 12/14/2018 2:48:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.00079	.00191	.00340	-.00232	.01962	.01767	.00016
Stddev	.00111	.00008	.00100	.00192	.00018	.01100	.00130	.00000
%RSD	81.071	10.127	52.318	56.364	7.6646	56.046	7.3638	2.6525

#1	.00058	.00085	.00120	.00476	-.00245	.02739	.01859	.00016
#2	.00215	.00073	.00261	.00205	-.00220	.01184	.01675	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	29.884	-.00001	-.00001	.00093	.04533	.00231	6.7124
Stddev	.00023	1.219	.00014	.00001	.00024	.00375	.00009	.3743
%RSD	130.09	4.0798	1639.0	51.226	25.628	8.2752	3.7679	5.5769

#1	-.00034	30.746	-.00011	-.00001	.00110	.04268	.00237	6.9771
#2	-.00001	29.022	.00009	-.00002	.00077	.04798	.00225	6.4477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00018	24.977	.00057	-.00269	1.8131	-.00000	.00096
Stddev	.00024	.00035	1.576	.00008	.00015	.0481	.00017	.00183
%RSD	18.749	195.37	6.3095	13.919	5.5982	2.6533	70439.	191.05

#1	-.00142	-.00007	26.092	.00063	-.00258	1.8471	.00012	.00225
#2	-.00109	.00043	23.863	.00052	-.00280	1.7791	-.00012	-.00034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6971	3.4714	-.00267	.00208	.00166	.0301	.12821	4.5372
Stddev	.0219	.1824	.00038	.00005	.00127	.0017	.00551	.8856
%RSD	.59329	5.2540	14.399	2.2908	76.247	5.732	4.2967	19.518

#1	3.6816	3.6003	-.00240	.00211	.00076	.0289	.13211	5.1634
#2	3.7126	3.3424	-.00294	.00204	.00255	.0313	.12432	3.9110

Sample Name: J6326-05 Acquired: 12/14/2018 2:48:58 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0027
Stddev .2902
%RSD 28.943

#1 1.2079
#2 .79747

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.9	49271.	4677.9	99.493	4147.7
Stddev	3.8	1823.	222.8	7.936	.5
%RSD	.10331	3.6994	4.7636	7.9768	.01316

#1	3681.6	47982.	4520.4	93.881	4147.3
#2	3676.2	50560.	4835.5	105.10	4148.1

Sample Name: J6326-06 Acquired: 12/14/2018 2:53:02 Type: Unk
Method: P4-ICP2(v2649) 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	.00237	.00027	.00003	.00265	-.00359	.01044	.01812	.00014
Stddev	.00212	.00050	.00042	.00030	.00195	.00689	.00147	.00000
%RSD	89.175	186.05	1383.9	11.203	54.494	66.012	8.1263	2.9782

#1	.00387	.00062	-.00027	.00286	-.00497	.01531	.01917	.00014
#2	.00088	-.00008	.00033	.00244	-.00220	.00556	.01708	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	29.809	-.00029	.00018	.00045	.05283	.00218	6.6243
Stddev	.00006	1.714	.00017	.00021	.00019	.00157	.00011	.4267
%RSD	34.424	5.7482	59.379	115.30	42.748	2.9758	5.1416	6.4414

#1	-.00014	31.021	-.00017	.00003	.00059	.05172	.00210	6.9260
#2	-.00022	28.597	-.00041	.00032	.00032	.05394	.00226	6.3226

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00066	24.682	.00102	-.00339	1.7883	.00010	-.00025
Stddev	.00076	.00022	1.487	.00038	.00002	.0275	.00004	.00166
%RSD	50.677	33.715	6.0254	37.135	.50441	1.5354	40.133	665.90

#1	-.00205	.00081	25.734	.00129	-.00338	1.8077	.00007	.00092
#2	-.00097	.00050	23.631	.00075	-.00340	1.7688	.00013	-.00142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6152	3.4846	-.00221	.00122	.00118	.0301	.12778	3.9938
Stddev	.0025	.1427	.00037	.00141	.00208	.0003	.00752	.1302
%RSD	.06868	4.0944	16.767	115.52	175.38	.9323	5.8879	3.2605

#1	3.6134	3.5855	-.00248	.00022	.00265	.0303	.13310	3.9017
#2	3.6169	3.3837	-.00195	.00221	-.00028	.0299	.12246	4.0859

Sample Name: J6326-06 Acquired: 12/14/2018 2:53:02 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75235
Stddev .36189
%RSD 48.102

#1 1.0082
#2 .49645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.4	50377.	4652.1	98.087	4181.2
Stddev	1.8	1182.	206.1	5.126	5.4
%RSD	.05003	2.3464	4.4301	5.2261	.12947

#1	3695.7	51213.	4506.4	94.463	4185.1
#2	3693.1	49541.	4797.9	101.71	4177.4

Sample Name: J6326-07 Acquired: 12/14/2018 2:57:07 Type: Unk
Method: P4-ICP2(v2649) 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	.00162	-.00047	.00093	.00149	-.00461	.01580	.01702	.00020
Stddev	.00083	.00054	.00043	.00055	.00180	.00672	.00164	.00010
%RSD	51.479	114.68	46.411	37.038	39.010	42.514	9.6177	48.386

#1	.00221	-.00009	.00123	.00188	-.00334	.01105	.01818	.00027
#2	.00103	-.00086	.00062	.00110	-.00588	.02054	.01586	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	28.963	.00006	-.00000	.00046	.05077	.00184	6.8101
Stddev	.00002	1.161	.00001	.00000	.00052	.00026	.00002	.2358
%RSD	9.3149	4.0070	13.448	105.89	112.10	.50913	.99241	3.4620

#1	-.00020	29.784	.00007	-.00000	.00082	.05095	.00186	6.9768
#2	-.00023	28.142	.00006	-.00000	.00010	.05059	.00183	6.6433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00064	27.141	.00066	-.00336	1.7836	-.00014	.00005
Stddev	.00064	.00034	.951	.00011	.00006	.0252	.00020	.01247
%RSD	32.430	52.276	3.5028	17.510	1.7511	1.4104	138.04	24736.

#1	-.00244	.00088	27.814	.00074	-.00340	1.8014	-.00000	.00886
#2	-.00153	.00040	26.469	.00057	-.00332	1.7658	-.00029	-.00876

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8651	3.3512	-.00223	.00260	.00040	.0310	.12725	4.2248
Stddev	.0167	.1367	.00096	.00033	.00144	.0002	.00480	.0174
%RSD	.43200	4.0803	42.815	12.866	361.57	.7431	3.7737	.41205

#1	3.8533	3.4479	-.00291	.00237	.00142	.0312	.13064	4.2371
#2	3.8769	3.2545	-.00156	.00284	-.00062	.0309	.12385	4.2125

Sample Name: J6326-07 Acquired: 12/14/2018 2:57:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3962
Stddev .0619
%RSD 4.4314

#1 1.4399
#2 1.3524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.1	50825.	4751.7	100.23	4179.2
Stddev	1.2	89.	164.3	3.41	2.2
%RSD	.03189	.17497	3.4583	3.4052	.05260

#1	3704.3	50888.	4635.5	97.812	4177.6
#2	3705.9	50762.	4867.9	102.64	4180.7

Sample Name: J6326-08 Acquired: 12/14/2018 3:01:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00194	.00041	.00022	-.00133	-.00374	.01073	.01806	.00012
Stddev	.00112	.00097	.00073	.00078	.00080	.00909	.00120	.00008
%RSD	57.699	234.55	330.40	58.412	21.269	84.758	6.6304	69.041
#1	.00273	.00110	-.00030	-.00189	-.00318	.00430	.01891	.00017
#2	.00115	-.00027	.00074	-.00078	-.00431	.01716	.01721	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	29.048	-.00024	-.00022	.00111	.05433	.00177	6.6550
Stddev	.00004	1.216	.00014	.00002	.00009	.00296	.00002	.3495
%RSD	23.022	4.1873	58.380	9.6238	7.7311	5.4522	1.2645	5.2514
#1	-.00013	29.908	-.00034	-.00024	.00105	.05642	.00175	6.9021
#2	-.00018	28.188	-.00014	-.00021	.00117	.05223	.00178	6.4079
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00062	26.447	.00093	-.00352	1.7779	-.00023	.00405
Stddev	.00028	.00039	1.065	.00005	.00000	.1148	.00014	.00525
%RSD	14.227	63.532	4.0252	4.8714	.04170	6.4600	59.979	129.54
#1	-.00178	.00090	27.199	.00096	-.00352	1.8592	-.00033	.00034
#2	-.00218	.00034	25.694	.00090	-.00352	1.6967	-.00013	.00777
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7637	3.3354	-.00316	.00079	.00172	.0309	.12650	3.8858
Stddev	.0120	.1240	.00077	.00125	.00134	.0009	.00502	.0596
%RSD	.31886	3.7185	24.216	157.65	77.941	2.959	3.9646	1.5338
#1	3.7552	3.4231	-.00370	-.00009	.00267	.0316	.13005	3.9280
#2	3.7722	3.2477	-.00262	.00168	.00077	.0303	.12296	3.8437

Sample Name: J6326-08 Acquired: 12/14/2018 3:01:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .77163
Stddev .25607
%RSD 33.185

#1 .59057
#2 .95270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.0	50903.	4725.5	100.48	4164.4
Stddev	1.9	8.	171.8	3.57	7.8
%RSD	.05071	.01655	3.6357	3.5512	.18620

#1	3697.4	50909.	4604.0	97.954	4169.8
#2	3694.7	50897.	4847.0	103.00	4158.9

Sample Name: J6326-09 Acquired: 12/14/2018 3:05:16 Type: Unk
Method: P4-ICP2(v2649) 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	.00052	-.00002	.00022	-.00111	-.00434	.00748	.01771	.00018
Stddev	.00229	.00035	.00093	.00389	.00096	.00263	.00034	.00005
%RSD	438.08	2171.5	419.72	349.36	22.199	35.220	1.9300	25.097

#1	.00214	-.00026	.00087	-.00387	-.00503	.00561	.01795	.00021
#2	-.00110	.00023	-.00043	.00164	-.00366	.00934	.01746	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	29.107	.00013	-.00012	.00053	.05619	.00519	6.1462
Stddev	.00000	1.370	.00013	.00005	.00071	.00438	.00009	.3450
%RSD	2.3295	4.7061	102.15	39.616	133.68	7.7987	1.7348	5.6136

#1	-.00014	30.075	.00004	-.00008	.00104	.05309	.00525	6.3902
#2	-.00013	28.138	.00023	-.00015	.00003	.05929	.00512	5.9022

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	.00002	22.302	.00075	-.00324	1.5838	.00006	.00568
Stddev	.00015	.00024	.909	.00050	.00008	.0092	.00015	.00221
%RSD	10.870	990.11	4.0750	66.566	2.3512	.58195	241.48	38.945

#1	-.00153	-.00014	22.945	.00040	-.00319	1.5903	-.00004	.00724
#2	-.00132	.00019	21.660	.00110	-.00330	1.5773	.00017	.00411

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5155	3.3795	-.00262	.00322	.00067	.0323	.12494	3.7924
Stddev	.0029	.1324	.00025	.00114	.00085	.0002	.00612	.1466
%RSD	.08362	3.9167	9.4465	35.598	125.78	.5113	4.8990	3.8646

#1	3.5176	3.4731	-.00245	.00241	.00007	.0324	.12927	3.8961
#2	3.5134	3.2859	-.00280	.00402	.00127	.0321	.12061	3.6888

Sample Name: J6326-09 Acquired: 12/14/2018 3:05:16 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .81397
 Stddev .59412
 %RSD 72.990

#1 1.2341
 #2 .39386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.1	51299.	4707.3	101.34	4195.5
Stddev	5.9	81.	167.9	5.75	13.4
%RSD	.15953	.15847	3.5663	5.6741	.31955

#1	3707.3	51241.	4588.6	97.272	4205.0
#2	3698.9	51356.	4826.0	105.40	4186.0

Sample Name: CCV17 Acquired: 12/14/2018 3:09:21 Type: Unk
Method: P4-ICP2(v2649) 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	4.9763	4.9603	4.9553	4.9573	4.9989	9.6878	9.9115	.25148
Stddev	.0142	.0057	.0175	.0127	.0118	.2722	.1565	.00013
%RSD	.28488	.11520	.35326	.25647	.23507	2.8093	1.5785	.05361
#1	4.9863	4.9563	4.9429	4.9663	5.0072	9.4953	9.8009	.25157
#2	4.9662	4.9643	4.9676	4.9483	4.9906	9.8802	10.022	.25138
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4620	25.313	1.0179	2.4667	1.2643	4.9982	2.5332	24.600
Stddev	.0058	.638	.0009	.0038	.0003	.0609	.0004	.403
%RSD	.23662	2.5190	.08642	.15466	.01980	1.2180	.01569	1.6367
#1	2.4579	24.862	1.0186	2.4640	1.2641	4.9551	2.5329	24.315
#2	2.4662	25.764	1.0173	2.4694	1.2644	5.0412	2.5335	24.884
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4673	1.2651	24.144	2.4858	2.5811	24.308	5.0543	4.8839
Stddev	.0040	.0042	.391	.0016	.0201	.370	.0183	.1431
%RSD	.16072	.33181	1.6185	.06345	.77811	1.5209	.36179	2.9295
#1	2.4645	1.2681	23.868	2.4869	2.5953	24.046	5.0673	4.7828
#2	2.4701	1.2621	24.420	2.4846	2.5669	24.569	5.0414	4.9851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8314	5.1614	4.9389	4.9485	4.7773	4.900	5.0370	4.8425
Stddev	.0194	.0202	.0096	.0913	.0887	.001	.1061	.0782
%RSD	.40100	.39075	.19467	1.8451	1.8556	.0186	2.1064	1.6149
#1	4.8177	5.1471	4.9321	4.8839	4.7146	4.901	4.9620	4.8978
#2	4.8451	5.1756	4.9457	5.0130	4.8400	4.900	5.1120	4.7872

Sample Name: CCV17 Acquired: 12/14/2018 3:09:21 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3297
Stddev	.0391
%RSD	1.6801

#1	2.3573
#2	2.3020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.7	49913.	4852.8	97.750	3816.5
Stddev	13.2	35.	4.3	.872	2.0
%RSD	.36263	.06944	.08784	.89168	.05294

#1	3630.4	49888.	4855.8	97.133	3817.9
#2	3649.0	49937.	4849.7	98.366	3815.0

Sample Name: CCB17 Acquired: 12/14/2018 3:13:09 Type: Unk
Method: P4-ICP2(v2649) 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	-.00127	-.00040	.00122	.00051	-.00202	-.00266	.00234	.00006
Stddev	.00188	.00093	.00019	.00191	.00003	.00210	.00046	.00005
%RSD	147.36	235.69	15.391	370.76	1.3303	79.172	19.787	72.429

#1	.00005	.00026	.00109	.00186	-.00204	-.00117	.00267	.00003
#2	-.00260	-.00106	.00135	-.00083	-.00200	-.00414	.00202	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01377	.00007	-.00014	-.00066	.00647	.00016	.00692
Stddev	.00004	.00919	.00005	.00019	.00060	.01566	.00002	.00221
%RSD	89.023	66.727	72.603	132.75	91.094	241.82	15.100	31.877

#1	-.00008	-.02027	.00003	-.00028	-.00023	.01754	.00015	.00848
#2	-.00002	-.00728	.00010	-.00001	-.00108	-.00460	.00018	.00536

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.00007	-.11966	.00044	-.00335	.00952	.00053	-.00042
Stddev	.00048	.00025	.00516	.00059	.00005	.01819	.00011	.01676
%RSD	41.587	346.59	4.3081	134.14	1.3852	191.12	21.638	4018.1

#1	-.00082	-.00011	-.12330	.00086	-.00332	.02238	.00061	-.01227
#2	-.00150	.00025	-.11601	.00002	-.00338	-.00334	.00045	.01144

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00825	-.00267	.00054	.00036	.00332	-.0015	-.00035	F 3.1425
Stddev	.00286	.00189	.00003	.00042	.00243	.0010	.00004	.1144
%RSD	34.717	70.841	6.1167	115.07	73.277	66.88	11.907	3.6390

#1	-.01027	-.00133	.00056	.00007	.00504	-.0008	-.00038	3.2234
#2	-.00622	-.00401	.00051	.00066	.00160	-.0023	-.00032	3.0617

Sample Name: CCB17 Acquired: 12/14/2018 3:13:09 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .21837
Stddev .27316
%RSD 125.09

#1 .02521
#2 .41152

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.9	52740.	4886.3	102.76	4346.2
Stddev	.9	156.	14.7	2.89	5.6
%RSD	.02310	.29608	.30002	2.8155	.12871

#1	3819.5	52630.	4896.6	104.81	4342.3
#2	3818.3	52851.	4875.9	100.72	4350.2

Sample Name: J6326-10 Acquired: 12/14/2018 3:17:17 Type: Unk
Method: P4-ICP2(v2649) 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	-.00087	.00019	.00070	.00057	-.00482	.01637	.01784	.00011
Stddev	.00018	.00099	.00048	.00019	.00066	.00683	.00196	.00005
%RSD	20.681	510.27	69.498	33.712	13.601	41.707	10.987	43.891

#1	-.00099	-.00051	.00104	.00070	-.00528	.01154	.01923	.00008
#2	-.00074	.00090	.00035	.00043	-.00435	.02119	.01645	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	28.687	-.00010	.00006	.00075	.05345	.00352	6.1479
Stddev	.00003	.724	.00011	.00003	.00014	.00038	.00001	.1051
%RSD	19.943	2.5246	114.73	54.991	19.107	.71953	.23341	1.7090

#1	-.00012	29.199	-.00002	.00008	.00085	.05372	.00353	6.2222
#2	-.00016	28.174	-.00017	.00004	.00065	.05318	.00352	6.0736

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	.00079	22.720	.00109	-.00339	1.6629	.00005	.01160
Stddev	.00030	.00002	.717	.00045	.00001	.0161	.00022	.00771
%RSD	14.253	2.8425	3.1573	41.524	.29476	.97044	455.66	66.493

#1	-.00187	.00077	23.228	.00141	-.00339	1.6744	-.00011	.00615
#2	-.00229	.00080	22.213	.00077	-.00340	1.6515	.00020	.01706

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5176	3.3421	-.00250	-.00166	.00162	.0326	.12393	3.8021
Stddev	.0082	.1156	.00070	.00133	.00028	.0006	.00304	.2958
%RSD	.23246	3.4596	28.136	80.196	17.300	1.851	2.4523	7.7787

#1	3.5118	3.4239	-.00299	-.00260	.00142	.0331	.12608	4.0112
#2	3.5234	3.2604	-.00200	-.00072	.00181	.0322	.12178	3.5929

Sample Name: J6326-10 Acquired: 12/14/2018 3:17:17 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.76946
Stddev	.44967
%RSD	58.439

#1	1.0874
#2	.45150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.0	51275.	4751.8	102.04	4204.3
Stddev	9.0	39.	144.9	3.00	11.6
%RSD	.24275	.07553	3.0489	2.9359	.27706

#1	3721.4	51247.	4649.3	99.922	4212.5
#2	3708.7	51302.	4854.2	104.16	4196.1

Sample Name: J6328-01 Acquired: 12/14/2018 3:21:22 Type: Unk
Method: P4-ICP2(v2649) 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	.00257	.00079	.00121	.00072	-.00418	-.00182	.02145	.00013
Stddev	.00071	.00008	.00024	.00254	.00285	.00429	.00028	.00001
%RSD	27.442	10.111	19.933	353.48	68.194	235.08	1.2838	5.6434

#1	.00207	.00073	.00104	-.00108	-.00620	.00121	.02126	.00013
#2	.00307	.00084	.00138	.00251	-.00217	-.00485	.02165	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	30.214	.00032	-.00006	.00121	.06848	.00318	6.5000
Stddev	.00002	.490	.00056	.00015	.00046	.01107	.00002	.1854
%RSD	13.618	1.6225	175.66	264.46	38.123	16.171	.69424	2.8526

#1	-.00015	30.561	-.00008	.00005	.00089	.07631	.00320	6.6311
#2	-.00019	29.867	.00071	-.00016	.00154	.06065	.00317	6.3689

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	.00042	24.125	.00065	-.00250	1.5723	-.00018	.00140
Stddev	.00071	.00037	.459	.00023	.00003	.0234	.00022	.01049
%RSD	69.369	86.450	1.9028	35.162	1.3956	1.4860	121.90	746.98

#1	-.00153	.00016	24.449	.00049	-.00248	1.5888	-.00002	-.00601
#2	-.00052	.00068	23.800	.00081	-.00253	1.5558	-.00033	.00882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5721	3.3847	-.00313	.00023	.00221	.0295	.12787	3.9704
Stddev	.0384	.0820	.00132	.00030	.00082	.0001	.00235	.0300
%RSD	1.0742	2.4221	42.216	129.91	37.057	.3686	1.8379	.75592

#1	3.5993	3.4427	-.00406	.00002	.00279	.0294	.12954	3.9916
#2	3.5450	3.3267	-.00220	.00045	.00163	.0296	.12621	3.9492

Sample Name: J6328-01 Acquired: 12/14/2018 3:21:22 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38717
Stddev .81390
%RSD 210.22

#1 -.18835
#2 .96268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.0	51144.	4635.1	100.53	4221.4
Stddev	31.1	149.	76.2	1.19	35.2
%RSD	.83202	.29147	1.6441	1.1790	.83464

#1	3710.1	51249.	4581.2	99.690	4196.5
#2	3754.0	51038.	4689.0	101.37	4246.3

Sample Name: J6328-02 Acquired: 12/14/2018 3:25:28 Type: Unk
Method: P4-ICP2(v2649) 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	.00255	.00086	.00195	.00085	-.00302	.01975	.02072	.00011
Stddev	.00130	.00039	.00042	.00170	.00082	.00916	.00043	.00007
%RSD	51.132	45.332	21.498	200.62	27.313	46.396	2.0988	62.928

#1	.00163	.00114	.00165	.00205	-.00243	.02623	.02103	.00006
#2	.00347	.00059	.00225	-.00035	-.00360	.01327	.02042	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	29.776	-.00008	.00020	.00020	.06617	.00459	6.3421
Stddev	.00009	1.350	.00039	.00004	.00042	.00413	.00014	.3882
%RSD	64.235	4.5338	506.98	17.793	208.63	6.2353	2.9412	6.1208

#1	-.00020	30.730	-.00035	.00022	-.00009	.06908	.00450	6.6166
#2	-.00008	28.821	.00020	.00017	.00049	.06325	.00469	6.0676

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	.00021	23.527	.00021	-.00320	1.5687	.00003	.01275
Stddev	.00019	.00002	.890	.00047	.00017	.0461	.00016	.00488
%RSD	8.7873	11.470	3.7846	222.10	5.2037	2.9386	484.82	38.233

#1	-.00201	.00023	24.157	.00054	-.00308	1.6013	.00014	.01620
#2	-.00228	.00020	22.898	-.00012	-.00332	1.5361	-.00008	.00931

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5614	3.2884	-.00333	.00250	.00299	.0309	.12605	4.3489
Stddev	.0016	.0920	.00081	.00023	.00365	.0007	.00546	.1015
%RSD	.04369	2.7966	24.424	9.0259	121.89	2.343	4.3318	2.3339

#1	3.5603	3.3534	-.00275	.00234	.00557	.0315	.12991	4.2771
#2	3.5625	3.2234	-.00390	.00266	.00041	.0304	.12219	4.4207

Sample Name: J6328-02 Acquired: 12/14/2018 3:25:28 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .76879
Stddev .21892
%RSD 28.477

#1 .61398
#2 .92359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3704.5	50770.	4719.5	100.22	4192.4
Stddev	9.4	118.	157.4	6.42	.3
%RSD	.25290	.23243	3.3356	6.4014	.00792

#1	3697.9	50853.	4608.1	95.684	4192.2
#2	3711.1	50686.	4830.8	104.76	4192.6

Sample Name: J6328-03 Acquired: 12/14/2018 3:29:34 Type: Unk
Method: P4-ICP2(v2649) 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	.00244	.00111	.00104	-.00003	-.00399	.01739	.01958	.00009
Stddev	.00086	.00145	.00120	.00020	.00025	.01082	.00301	.00001
%RSD	35.244	130.92	114.46	603.07	6.2094	62.175	15.365	6.6372

#1	.00183	.00213	.00020	.00011	-.00417	.02504	.02171	.00010
#2	.00305	.00008	.00189	-.00018	-.00382	.00975	.01745	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	29.133	-.00022	-.00006	.00057	.05545	.00320	6.2587
Stddev	.00005	1.129	.00006	.00001	.00028	.01417	.00010	.2130
%RSD	25.496	3.8748	29.292	14.959	49.306	25.559	3.0210	3.4041

#1	-.00021	29.931	-.00017	-.00005	.00076	.06547	.00313	6.4094
#2	-.00015	28.334	-.00026	-.00006	.00037	.04543	.00326	6.1081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00036	23.359	.00103	-.00320	1.5556	.00001	.00961
Stddev	.00005	.00007	.907	.00065	.00011	.0330	.00007	.00019
%RSD	3.3178	18.481	3.8819	63.457	3.5069	2.1229	587.51	1.9301

#1	-.00155	.00041	24.000	.00149	-.00312	1.5789	.00006	.00948
#2	-.00148	.00031	22.718	.00057	-.00328	1.5322	-.00004	.00975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5712	3.2989	-.00234	.00116	.00099	.0299	.12371	4.0049
Stddev	.0056	.1116	.00008	.00151	.00114	.0016	.00497	.0587
%RSD	.15756	3.3831	3.3705	130.03	114.85	5.322	4.0162	1.4663

#1	3.5672	3.3778	-.00240	.00009	.00180	.0311	.12722	3.9634
#2	3.5751	3.2200	-.00228	.00223	.00019	.0288	.12019	4.0464

Sample Name: J6328-03 Acquired: 12/14/2018 3:29:34 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1820
Stddev .1327
%RSD 11.224

#1 1.0882
#2 1.2758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.3	50990.	4735.0	98.496	4196.5
Stddev	.4	16.	165.0	1.998	.6
%RSD	.01181	.03173	3.4853	2.0283	.01491

#1	3716.6	51002.	4618.3	97.083	4196.1
#2	3716.0	50979.	4851.7	99.909	4197.0

Sample Name: J6328-04 Acquired: 12/14/2018 3:33:39 Type: Unk
Method: P4-ICP2(v2649) 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	.00066	.00031	.00135	-.00378	.00614	.01871	.00006
Stddev	.00038	.00159	.00064	.00281	.00086	.00798	.00080	.00009
%RSD	14.126	240.82	207.68	208.03	22.872	129.91	4.2956	150.04

#1	.00298	.00178	-.00014	-.00064	-.00439	.01178	.01928	.00012
#2	.00244	-.00046	.00076	.00334	-.00317	.00050	.01814	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	29.563	.00010	-.00007	.00042	.06428	.00338	6.2516
Stddev	.00002	1.367	.00069	.00023	.00008	.01639	.00003	.2278
%RSD	11.840	4.6245	685.40	331.75	18.975	25.492	.93660	3.6443

#1	-.00022	30.530	.00059	.00009	.00036	.07587	.00340	6.4127
#2	-.00018	28.596	-.00039	-.00023	.00047	.05269	.00336	6.0905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00116	23.538	.00078	-.00328	1.5360	.00003	.00289
Stddev	.00043	.00008	1.084	.00041	.00002	.0237	.00020	.00229
%RSD	24.910	6.7161	4.6049	52.198	.56862	1.5402	648.76	79.155

#1	-.00142	.00111	24.304	.00106	-.00330	1.5528	-.00011	.00127
#2	-.00202	.00122	22.771	.00049	-.00327	1.5193	.00017	.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5653	3.2719	-.00211	.00171	.00190	.0304	.12540	4.1296
Stddev	.0010	.1839	.00030	.00160	.00179	.0002	.00586	.0144
%RSD	.02885	5.6212	14.273	93.588	94.032	.6045	4.6694	.34869

#1	3.5660	3.4020	-.00189	.00058	.00316	.0303	.12954	4.1398
#2	3.5646	3.1419	-.00232	.00284	.00064	.0305	.12125	4.1194

Sample Name: J6328-04 Acquired: 12/14/2018 3:33:39 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7498
 Stddev .4799
 %RSD 27.429

#1 2.0892
 #2 1.4104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.3	51000.	4737.0	99.589	4206.8
Stddev	1.7	35.	207.2	3.945	5.4
%RSD	.04671	.06799	4.3740	3.9607	.12809

#1	3725.5	50975.	4590.5	96.800	4210.6
#2	3723.1	51024.	4883.5	102.38	4203.0

Sample Name: J6341-03 Acquired: 12/14/2018 3:37:45 Type: Unk
Method: P4-ICP2(v2649) 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	.00095	.00050	.00388	.00141	-.00133	-.00452	.03092	.00009
Stddev	.00149	.00152	.00134	.00117	.00140	.00681	.00076	.00005
%RSD	157.61	307.72	34.510	82.784	104.66	150.84	2.4681	57.028

#1	-.00011	-.00058	.00482	.00058	-.00035	-.00933	.03038	.00013
#2	.00200	.00157	.00293	.00224	-.00232	.00030	.03146	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	66.646	-.00067	-.00047	.00106	.02630	.00433	133.36
Stddev	.00002	1.065	.00035	.00016	.00035	.01027	.00002	1.04
%RSD	5.5291	1.5978	51.880	32.756	33.313	39.050	.56408	.78007

#1	-.00033	67.399	-.00091	-.00058	.00131	.03356	.00431	134.10
#2	-.00031	65.893	-.00042	-.00036	.00081	.01904	.00434	132.63

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00448	.00057	1043.5	.00098	.00476	46.118	.00048	.42375
Stddev	.00011	.00048	12.6	.00119	.00012	.710	.00041	.01931
%RSD	2.3585	84.563	1.2071	122.03	2.4948	1.5391	86.564	4.5564

#1	-.00455	.00091	1052.4	.00013	.00468	46.620	.00018	.43741
#2	-.00441	.00023	1034.6	.00182	.00485	45.616	.00077	.41010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 95.285	2.8544	-.03664	-.00039	.01953	.0495	.84403	6.8559
Stddev	.138	.0640	.00024	.00164	.00024	.0021	.01506	.0984
%RSD	.14503	2.2412	.65544	425.40	1.2467	4.225	1.7844	1.4348

#1	95.187	2.8996	-.03681	-.00155	.01971	.0510	.85468	6.7864
#2	95.383	2.8092	-.03647	.00077	.01936	.0481	.83338	6.9255

Sample Name: J6341-03 Acquired: 12/14/2018 3:37:45 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4640
Stddev .2932
%RSD 6.5672

#1 4.6713
#2 4.2567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.8	44270.	4563.9	93.028	3369.3
Stddev	8.0	127.	62.6	1.544	3.0
%RSD	.24140	.28662	1.3726	1.6595	.09044

#1	3318.4	44360.	4519.6	94.120	3371.5
#2	3307.1	44180.	4608.2	91.936	3367.2

Sample Name: J6341-03DUP Acquired: 12/14/2018 3:41:55 Type: Unk
Method: P4-ICP2(v2649) 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	-.00135	.00379	.00354	-.00431	.00756	.03006	.00015
Stddev	.00086	.00073	.00089	.00346	.00238	.01986	.00112	.00005
%RSD	69.715	53.911	23.545	97.621	55.155	262.85	3.7296	31.575
#1	.00063	-.00083	.00316	.00599	-.00599	-.00649	.03085	.00018
#2	.00184	-.00186	.00442	.00110	-.00263	.02160	.02927	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	66.279	-.00055	-.00054	.00098	.01624	.00438	132.20
Stddev	.00001	.442	.00004	.00002	.00029	.00225	.00007	1.04
%RSD	2.6356	.66759	7.2862	3.8634	29.286	13.858	1.5554	.79020
#1	-.00024	66.592	-.00057	-.00056	.00118	.01465	.00443	132.94
#2	-.00024	65.966	-.00052	-.00053	.00078	.01783	.00433	131.46
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	.00043	1027.7	.00176	.00437	46.154	.00071	.43198
Stddev	.00070	.00055	7.3	.00020	.00000	.267	.00021	.01510
%RSD	12.996	129.12	.70902	11.370	.02256	.57824	28.840	3.4958
#1	-.00592	.00004	1032.9	.00162	.00437	46.343	.00086	.44265
#2	-.00492	.00081	1022.6	.00191	.00437	45.965	.00057	.42130
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 96.947	2.8206	-.03712	-.00213	.02212	.0507	.84273	6.7921
Stddev	.691	.0371	.00057	.00055	.00035	.0013	.00535	.3639
%RSD	.71229	1.3155	1.5246	25.740	1.5872	2.570	.63504	5.3572
#1	96.459	2.8468	-.03752	-.00174	.02188	.0497	.84652	6.5348
#2	97.435	2.7943	-.03672	-.00252	.02237	.0516	.83895	7.0494

Sample Name: J6341-03DUP Acquired: 12/14/2018 3:41:55 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.6128
Stddev .1969
%RSD 4.2677

#1 4.7520
#2 4.4736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.4	44367.	4631.2	95.448	3313.3
Stddev	11.1	135.	17.1	.528	14.3
%RSD	.33770	.30431	.36997	.55363	.43231

#1	3283.2	44462.	4619.1	95.074	3323.4
#2	3267.6	44272.	4643.3	95.822	3303.1

Sample Name: J6341-03LX5 Acquired: 12/14/2018 3:46:05 Type: Unk
Method: P4-ICP2(v2649) 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	-.00017	-.00178	.00224	.00174	-.00284	-.00058	.00742	.00014
Stddev	.00173	.00141	.00104	.00021	.00065	.00780	.00048	.00000
%RSD	991.88	79.005	46.613	12.115	22.765	1355.8	6.4149	2.3849
#1	-.00140	-.00277	.00150	.00189	-.00238	.00494	.00708	.00014
#2	.00105	-.00079	.00298	.00160	-.00329	-.00609	.00775	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	13.240	.00008	-.00042	-.00028	.02603	.00103	25.799
Stddev	.00002	.015	.00042	.00011	.00012	.00276	.00007	.327
%RSD	15.346	.11290	531.49	26.420	43.725	10.588	6.7842	1.2687
#1	-.00017	13.229	-.00022	-.00034	-.00019	.02798	.00098	25.567
#2	-.00013	13.250	.00037	-.00050	-.00037	.02408	.00108	26.030
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	.00085	201.54	.00035	-.00111	8.5620	-.00006	.07572
Stddev	.00018	.00008	2.44	.00109	.00008	.0442	.00020	.00030
%RSD	5.3556	9.5640	1.2100	313.83	7.1761	.51629	348.71	.39563
#1	-.00341	.00091	199.82	-.00042	-.00105	8.5307	.00008	.07551
#2	-.00317	.00079	203.26	.00111	-.00117	8.5933	-.00020	.07593
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.268	.57426	-.00635	.00208	.02328	.0070	.16679	5.1473
Stddev	.114	.00285	.00031	.00355	.00383	.0010	.00051	.0912
%RSD	.66022	.49568	4.9398	171.03	16.449	14.25	.30582	1.7716
#1	17.187	.57627	-.00657	-.00043	.02058	.0078	.16643	5.2117
#2	17.349	.57225	-.00613	.00459	.02599	.0063	.16715	5.0828

Sample Name: J6341-03LX5 Acquired: 12/14/2018 3:46:05 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6298
Stddev	.4300
%RSD	26.386

#1	1.3257
#2	1.9339

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.4	48812.	4715.4	99.221	3783.3
Stddev	26.7	93.	13.9	.218	30.6
%RSD	.74936	.19030	.29453	.21974	.80857

#1	3586.3	48878.	4705.6	99.067	3804.9
#2	3548.5	48747.	4725.2	99.375	3761.7

Sample Name: J6341-03MS Acquired: 12/14/2018 3:50:16 Type: Unk
Method: P4-ICP2(v2649) 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	.95405	2.1180	1.1226	2.3511	.93653	2.3978	.26855	.25361
Stddev	.00561	.0111	.0002	.0025	.00241	.0010	.00004	.00029
%RSD	.58754	.52566	.02115	.10637	.25751	.04279	.01412	.11472

#1	.95009	2.1101	1.1228	2.3529	.93483	2.3985	.26852	.25382
#2	.95801	2.1259	1.1225	2.3494	.93824	2.3970	.26858	.25341

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22713	65.768	.47702	.23103	.33930	3.5107	.23914	133.23
Stddev	.00016	.131	.00078	.00058	.00093	.0453	.00028	.39
%RSD	.07195	.19949	.16400	.25153	.27496	1.2904	.11666	.28972

#1	.22725	65.861	.47758	.23062	.33864	3.5427	.23934	133.50
#2	.22702	65.675	.47647	.23144	.33996	3.4787	.23894	132.96

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57026	.08744	1014.1	.35651	.24295	57.847	.46018	.73656
Stddev	.00121	.00025	18.2	.00197	.00555	.166	.00019	.00724
%RSD	.21280	.28052	1.7984	.55349	2.2855	.28753	.04050	.98247

#1	.57112	.08727	1027.0	.35790	.24688	57.964	.46004	.74168
#2	.56941	.08761	1001.2	.35511	.23903	57.729	.46031	.73145

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 91.364	3.8815	.76262	.22753	.26738	7.362	1.0421	6.6611
Stddev	.015	.0073	.00065	.00210	.00327	.012	.0014	.1228
%RSD	.01603	.18686	.08459	.92160	1.2238	.1691	.13171	1.8435

#1	91.375	3.8866	.76307	.22605	.26507	7.371	1.0430	6.7480
#2	91.354	3.8763	.76216	.22902	.26969	7.353	1.0411	6.5743

Sample Name: J6341-03MS Acquired: 12/14/2018 3:50:16 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5625
Stddev	.0424
%RSD	1.1892

#1	3.5325
#2	3.5925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.5	45113.	4550.7	94.534	3387.0
Stddev	7.6	220.	37.3	1.980	6.7
%RSD	.22489	.48807	.81876	2.0942	.19675

#1	3379.9	44958.	4524.3	93.134	3391.7
#2	3369.2	45269.	4577.0	95.934	3382.3

Sample Name: J6341-03MSD Acquired: 12/14/2018 3:54:14 Type: Unk
Method: P4-ICP2(v2649) 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	.96828	2.1403	1.1259	2.3910	.95272	2.4036	.26544	.25145
Stddev	.00204	.0075	.0004	.0271	.00172	.0178	.00776	.00012
%RSD	.21056	.35179	.03988	1.1346	.18024	.73995	2.9240	.04823

#1	.96972	2.1350	1.1256	2.3718	.95393	2.3910	.27093	.25137
#2	.96684	2.1457	1.1262	2.4102	.95150	2.4161	.25996	.25154

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22912	65.635	.47230	.23420	.34550	3.4044	.23814	131.52
Stddev	.00030	1.548	.00273	.00024	.00101	.0795	.00053	3.11
%RSD	.13170	2.3579	.57845	.10199	.29264	2.3352	.22321	2.3617

#1	.22891	66.729	.47423	.23403	.34479	3.4607	.23851	133.71
#2	.22933	64.540	.47037	.23436	.34622	3.3482	.23776	129.32

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57702	.08792	994.16	.35588	.23749	57.508	.46639	.72565
Stddev	.00003	.00062	46.69	.00003	.00828	1.209	.00073	.02561
%RSD	.00529	.70846	4.6960	.00921	3.4878	2.1027	.15631	3.5298

#1	.57704	.08836	1027.2	.35586	.24335	58.363	.46588	.74376
#2	.57700	.08747	961.15	.35591	.23164	56.653	.46691	.70754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.447	3.8301	.76826	.22632	.26553	7.447	1.0415	6.5813
Stddev	.053	.0999	.00009	.00620	.00548	.009	.0263	.1789
%RSD	.05737	2.6083	.01177	2.7386	2.0654	.1147	2.5239	2.7187

#1	92.409	3.9007	.76832	.23070	.26940	7.441	1.0601	6.7078
#2	92.484	3.7594	.76820	.22193	.26165	7.454	1.0229	6.4548

Sample Name: J6341-03MSD Acquired: 12/14/2018 3:54:14 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2705
Stddev	.7351
%RSD	22.478

#1	2.7506
#2	3.7903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.4	45482.	4616.5	96.851	3353.2
Stddev	1.2	175.	126.5	3.488	5.9
%RSD	.03585	.38568	2.7394	3.6010	.17700

#1	3326.6	45358.	4527.1	94.385	3349.0
#2	3328.2	45606.	4705.9	99.317	3357.4

Sample Name: CCV18 Acquired: 12/14/2018 3:58:11 Type: Unk
Method: P4-ICP2(v2649) 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	5.0932	5.0871	5.0645	5.0712	5.1101	9.8974	10.261	.25716
Stddev	.0195	.0091	.0078	.0265	.0108	.1666	.088	.00083
%RSD	.38220	.17879	.15449	.52336	.21115	1.6828	.85830	.32208

#1	5.1070	5.0807	5.0589	5.0900	5.1177	9.7796	10.199	.25657
#2	5.0795	5.0936	5.0700	5.0525	5.1025	10.015	10.323	.25774

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5194	26.069	1.0432	2.5260	1.2920	5.1613	2.5943	25.471
Stddev	.0039	.375	.0023	.0034	.0012	.1250	.0045	.465
%RSD	.15448	1.4390	.21865	.13377	.09332	2.4227	.17298	1.8270

#1	2.5166	25.803	1.0416	2.5236	1.2928	5.0729	2.5911	25.142
#2	2.5221	26.334	1.0448	2.5284	1.2911	5.2497	2.5974	25.800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5269	1.2913	25.541	2.5482	2.6939	25.530	5.1707	5.0405
Stddev	.0021	.0001	.146	.0051	.0223	.183	.0083	.0715
%RSD	.08468	.00617	.57031	.20151	.82858	.71641	.16127	1.4188

#1	2.5284	1.2912	25.438	2.5446	2.6781	25.401	5.1766	4.9899
#2	2.5253	1.2913	25.644	2.5518	2.7097	25.660	5.1648	5.0911

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9855	5.3219	5.0608	5.0897	4.9539	5.027	5.2239	5.1760
Stddev	.0234	.0203	.0044	.0664	.0427	.014	.0522	.0041
%RSD	.46955	.38193	.08682	1.3051	.86089	.2792	.99869	.07947

#1	5.0020	5.3362	5.0639	5.0427	4.9237	5.037	5.1871	5.1789
#2	4.9689	5.3075	5.0577	5.1367	4.9840	5.017	5.2608	5.1731

Sample Name: CCV18 Acquired: 12/14/2018 3:58:11 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0479
Stddev .2530
%RSD 12.352

#1 2.2267
#2 1.8690

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.0	48714.	4695.3	93.848	3735.3
Stddev	15.0	45.	8.2	.575	7.3
%RSD	.42095	.09192	.17509	.61246	.19413

#1	3555.4	48746.	4689.5	94.255	3730.2
#2	3576.6	48683.	4701.1	93.442	3740.5

Sample Name: CCB18 Acquired: 12/14/2018 4:01:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00134	.00042	.00013	-.00120	.00094	.00181	.00002
Stddev	.00048	.00146	.00068	.00141	.00145	.01353	.00040	.00006
%RSD	311.08	109.36	162.04	1118.0	120.86	1445.3	21.803	313.07
#1	.00019	.00030	-.00006	-.00087	-.00017	-.00863	.00209	-.00002
#2	-.00050	.00237	.00090	.00112	-.00222	.01050	.00153	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00272	.00059	.00013	.00025	.00315	.00019	.00521
Stddev	.00001	.01532	.00003	.00016	.00031	.02256	.00003	.03280
%RSD	27.219	563.33	4.3163	122.41	125.55	715.74	13.882	629.68
#1	-.00004	-.00811	.00061	.00024	.00047	-.01280	.00018	-.01798
#2	-.00006	.01355	.00057	.00002	.00003	.01910	.00021	.02840
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	.00059	.35107	.00029	-.00341	.12680	.00068	-.00716
Stddev	.00021	.00033	.01970	.00030	.00019	.06348	.00011	.00280
%RSD	17.194	55.116	5.6113	102.27	5.5499	50.061	16.067	39.046
#1	-.00106	.00036	.33714	.00008	-.00327	.17169	.00076	-.00519
#2	-.00135	.00082	.36500	.00050	-.00354	.08192	.00061	-.00914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	-.00136	.00003	.00270	F .00659	-.0010	-.00033	F 3.6031
Stddev	.00341	.00067	.00040	.00154	.00292	.0004	.00000	.0477
%RSD	69.588	49.334	1216.5	56.849	44.331	35.83	.34889	1.3245
#1	.00731	-.00089	.00031	.00162	.00453	-.0008	-.00032	3.6369
#2	.00249	-.00184	-.00025	.00379	.00866	-.0013	-.00033	3.5694

Sample Name: CCB18 Acquired: 12/14/2018 4:01:59 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .75183
Stddev .74556
%RSD 99.166

#1 1.2790
#2 .22464

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.6	51816.	4762.4	99.154	4292.1
Stddev	25.8	124.	28.4	1.467	31.9
%RSD	.68528	.23972	.59667	1.4798	.74227

#1	3747.3	51729.	4782.5	100.19	4269.6
#2	3783.8	51904.	4742.3	98.117	4314.6

Sample Name: J6341-03A Acquired: 12/14/2018 4:06:07 Type: Unk
Method: P4-ICP2(v2649) 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	.96327	2.1419	1.1274	2.3812	.94632	2.3994	.26573	.25577
Stddev	.00035	.0110	.0050	.0085	.00164	.0026	.00213	.00093
%RSD	.03643	.51341	.44151	.35575	.17297	.10673	.80296	.36310

#1	.96352	2.1497	1.1309	2.3872	.94748	2.3976	.26724	.25511
#2	.96302	2.1341	1.1238	2.3752	.94516	2.4012	.26422	.25642

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22843	66.027	.47984	.23341	.34547	3.4880	.24201	131.75
Stddev	.00089	.485	.00049	.00115	.00184	.1117	.00004	.49
%RSD	.39024	.73502	.10139	.49202	.53153	3.2012	.01516	.37436

#1	.22906	66.370	.47950	.23422	.34677	3.4091	.24198	132.10
#2	.22780	65.684	.48019	.23260	.34417	3.5670	.24203	131.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57431	.08872	1009.4	.36286	.24582	57.794	.46456	.72707
Stddev	.00222	.00043	3.0	.00000	.00617	.577	.00345	.01080
%RSD	.38665	.48687	.29240	.00057	2.5104	.99787	.74260	1.4850

#1	.57588	.08902	1011.5	.36286	.24146	58.202	.46700	.73470
#2	.57274	.08841	1007.3	.36286	.25018	57.386	.46212	.71943

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 92.176	3.8994	.76384	.22548	.26418	7.417	1.0460	6.5651
Stddev	.316	.0190	.00093	.00039	.00175	.015	.0085	.0176
%RSD	.34275	.48791	.12176	.17412	.66243	.1957	.81216	.26790

#1	92.400	3.8860	.76450	.22576	.26542	7.427	1.0520	6.5775
#2	91.953	3.9129	.76318	.22520	.26295	7.406	1.0400	6.5526

Sample Name: J6341-03A Acquired: 12/14/2018 4:06:07 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.0383
Stddev	.6222
%RSD	20.478

#1	2.5983
#2	3.4782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.2	45000.	4585.2	94.393	3392.6
Stddev	6.0	32.	4.2	2.666	8.7
%RSD	.17893	.07004	.09072	2.8242	.25577

#1	3359.9	45022.	4588.1	96.278	3386.4
#2	3368.4	44978.	4582.2	92.508	3398.7

Sample Name: J6341-04 Acquired: 12/14/2018 4:10:04 Type: Unk
Method: P4-ICP2(v2649) 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	.00182	-.00021	.00185	-.00012	-.00289	.01808	.02162	.00010
Stddev	.00342	.00007	.00036	.00198	.00054	.01414	.00212	.00004
%RSD	187.75	33.070	19.380	1717.7	18.634	78.203	9.8065	34.521
#1	.00424	-.00016	.00210	-.00152	-.00251	.02808	.02312	.00013
#2	-.00060	-.00026	.00159	.00129	-.00327	.00808	.02012	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	34.021	.00017	.00008	.00035	.04385	.00272	22.268
Stddev	.00005	.994	.00012	.00003	.00038	.01106	.00004	.787
%RSD	22.555	2.9216	69.948	42.774	108.10	25.218	1.3888	3.5325
#1	-.00026	34.723	.00009	.00010	.00008	.05167	.00269	22.824
#2	-.00019	33.318	.00026	.00005	.00062	.03603	.00274	21.712
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00285	.00031	157.46	.00107	-.00312	6.8038	.00037	.06588
Stddev	.00011	.00033	4.80	.00024	.00004	.1820	.00011	.00335
%RSD	4.0304	108.24	3.0511	22.875	1.3958	2.6752	29.870	5.0808
#1	-.00277	.00054	160.86	.00124	-.00309	6.9325	.00029	.06351
#2	-.00293	.00007	154.07	.00089	-.00316	6.6751	.00045	.06824
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.137	3.0953	-.00611	-.00039	.00369	.0344	.22316	4.9238
Stddev	.073	.1086	.00075	.00341	.00135	.0009	.00621	.1952
%RSD	.51430	3.5071	12.286	864.45	36.636	2.708	2.7810	3.9644
#1	14.189	3.1721	-.00558	-.00280	.00464	.0350	.22754	5.0618
#2	14.086	3.0185	-.00665	.00202	.00273	.0337	.21877	4.7857

Sample Name: J6341-04 Acquired: 12/14/2018 4:10:04 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.3545
Stddev	.2449
%RSD	10.400

#1	2.1814
#2	2.5277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.9	49619.	4698.0	97.342	3935.4
Stddev	5.5	270.	142.6	1.504	3.9
%RSD	.15087	.54339	3.0353	1.5448	.09888

#1	3657.8	49428.	4597.2	96.279	3932.6
#2	3650.0	49810.	4798.8	98.405	3938.1

Sample Name: J6341-05 Acquired: 12/14/2018 4:14:10 Type: Unk
Method: P4-ICP2(v2649) 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	.00535	-.00172	.00458	.00108	-.00578	.00373	.03291	.00013
Stddev	.00053	.00180	.00045	.00145	.00016	.00470	.00166	.00003
%RSD	9.8441	104.63	9.8783	134.55	2.7610	125.95	5.0448	20.293

#1	.00572	-.00045	.00426	.00211	-.00590	.00706	.03408	.00011
#2	.00498	-.00299	.00490	.00005	-.00567	.00041	.03173	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	75.821	-.00071	-.00061	.00012	.01467	.00396	165.18
Stddev	.00006	2.422	.00025	.00029	.00003	.00680	.00000	3.26
%RSD	19.050	3.1941	35.396	47.772	25.927	46.328	.04032	1.9732

#1	-.00037	77.534	-.00053	-.00040	.00010	.01948	.00396	167.49
#2	-.00028	74.109	-.00089	-.00081	.00014	.00986	.00396	162.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00543	.00061	1262.4	.00136	-.00181	57.740	.00094	.52394
Stddev	.00085	.00108	57.1	.00114	.00020	1.402	.00021	.03108
%RSD	15.693	176.84	4.5271	83.828	11.012	2.4287	22.588	5.9324

#1	-.00483	.00137	1302.8	.00216	-.00167	58.731	.00109	.54592
#2	-.00604	-.00015	1222.0	.00055	-.00195	56.748	.00079	.50196

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 118.01	2.8051	-.04489	-.00259	.02796	.0535	1.0200	7.1523
Stddev	.51	.0566	.00113	.00042	.00165	.0002	.0318	.2477
%RSD	.43592	2.0188	2.5175	16.386	5.8865	.3501	3.1202	3.4631

#1	117.64	2.8452	-.04569	-.00229	.02913	.0537	1.0425	7.3274
#2	118.37	2.7651	-.04409	-.00289	.02680	.0534	.99748	6.9771

Sample Name: J6341-05 Acquired: 12/14/2018 4:14:10 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8382
Stddev	.8843
%RSD	18.277

#1	4.2129
#2	5.4635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.0	43654.	4516.4	93.148	3288.9
Stddev	19.9	161.	102.8	1.773	21.0
%RSD	.60790	.36927	2.2766	1.9036	.63900

#1	3288.1	43540.	4443.7	91.894	3303.8
#2	3260.0	43768.	4589.1	94.402	3274.1

Sample Name: J6341-06 Acquired: 12/14/2018 4:18:21 Type: Unk
Method: P4-ICP2(v2649) 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	.00126	.00036	.00142	.00225	-.00418	.03415	.01959	.00016
Stddev	.00001	.00025	.00135	.00153	.00121	.00946	.00215	.00005
%RSD	.92268	68.659	94.971	67.785	29.049	27.687	10.984	30.730
#1	.00125	.00018	.00238	.00333	-.00332	.02747	.02111	.00012
#2	.00127	.00053	.00047	.00117	-.00504	.04084	.01807	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	33.656	.00002	-.00010	.00104	.04737	.00287	19.902
Stddev	.00011	1.085	.00006	.00020	.00035	.00443	.00008	.842
%RSD	54.400	3.2250	307.84	203.36	33.366	9.3419	2.9171	4.2296
#1	-.00012	34.423	-.00002	-.00024	.00128	.04424	.00293	20.498
#2	-.00027	32.888	.00006	.00004	.00079	.05050	.00282	19.307
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	.00042	138.02	.00092	-.00326	6.1234	.00011	.04054
Stddev	.00010	.00018	5.39	.00040	.00012	.2872	.00059	.00608
%RSD	3.9980	42.169	3.9035	43.523	3.6454	4.6908	551.62	15.003
#1	-.00248	.00054	141.83	.00064	-.00317	6.3265	-.00031	.04484
#2	-.00234	.00029	134.21	.00121	-.00334	5.9203	.00052	.03624
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.858	3.1492	-.00621	.00023	.00277	.0362	.20962	4.3122
Stddev	.049	.1141	.00012	.00077	.00027	.0007	.00856	.0966
%RSD	.38250	3.6230	1.9212	329.45	9.9223	2.042	4.0850	2.2394
#1	12.823	3.2299	-.00612	.00078	.00257	.0367	.21567	4.2439
#2	12.893	3.0685	-.00629	-.00031	.00296	.0357	.20356	4.3805

Sample Name: J6341-06 Acquired: 12/14/2018 4:18:21 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3428
Stddev	.1242
%RSD	9.2513

#1	1.4306
#2	1.2549

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3613.0	49829.	4739.3	100.74	3904.5
Stddev	4.3	80.	141.9	2.91	2.9
%RSD	.11971	.16059	2.9942	2.8881	.07483

#1	3609.9	49886.	4638.9	98.685	3902.5
#2	3616.1	49772.	4839.6	102.80	3906.6

Sample Name: J6311-04DLX10 Acquired: 12/14/2018 4:22:27 Type: Unk
Method: P4-ICP2(v2649) 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	.00242	-.00106	.00181	-.00163	-.00032	-.00426	.00302	.00014
Stddev	.00004	.00210	.00010	.00200	.00076	.01026	.00054	.00003
%RSD	1.5118	197.87	5.5693	122.21	238.12	240.76	18.005	21.749
#1	.00239	.00042	.00188	-.00022	-.00085	.00299	.00264	.00016
#2	.00244	-.00255	.00174	-.00305	.00022	-.01152	.00341	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	1.1250	.00209	.00091	1.1915	.01156	.03507	.39187
Stddev	.00005	.0424	.00035	.00003	.0048	.00644	.00023	.01022
%RSD	13.718	3.7708	16.859	2.8850	.40616	55.755	.65941	2.6089
#1	-.00036	1.0950	.00184	.00089	1.1949	.01611	.03490	.38464
#2	-.00043	1.1550	.00234	.00093	1.1880	.00700	.03523	.39910
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96063	.00059	273.42	.00023	.00185	122.04	.00167	5.0166
Stddev	.00206	.00032	.10	.00045	.00014	.21	.00014	.0552
%RSD	.21450	53.063	.03672	194.66	7.8154	.17568	8.1018	1.1003
#1	.96209	.00082	273.35	.00055	.00195	121.89	.00176	4.9775
#2	.95918	.00037	273.49	-.00009	.00174	122.19	.00157	5.0556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 202.99	1.2587	-.07650	.00037	.02450	.4735	.01218	4.9419
Stddev	.11	.0085	.00021	.00087	.00133	.0019	.00000	.2851
%RSD	.05482	.67192	.26814	233.21	5.4268	.4057	.02582	5.7687
#1	202.91	1.2528	-.07635	.00099	.02356	.4749	.01217	5.1435
#2	203.07	1.2647	-.07664	-.00024	.02544	.4722	.01218	4.7403

Sample Name: J6311-04DLX10 Acquired: 12/14/2018 4:22:27 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8945
Stddev	.6395
%RSD	33.757

#1	1.4423
#2	2.3468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.5	48793.	4871.2	100.32	3763.4
Stddev	10.6	236.	8.6	1.92	1.7
%RSD	.29306	.48319	.17572	1.9186	.04518

#1	3594.1	48626.	4865.1	98.954	3764.6
#2	3609.0	48959.	4877.2	101.68	3762.2

Sample Name: CCV19 Acquired: 12/14/2018 4:26:37 Type: Unk
Method: P4-ICP2(v2649) 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	4.8878	4.8990	4.8701	4.8700	4.9141	9.4755	9.7664	.24705	2.4224
Stddev	.0053	.0168	.0103	.0071	.0091	.0513	.3222	.00073	.0046
%RSD	.10952	.34328	.21094	.14593	.18459	.54117	3.2995	.29687	.19059

#1	4.8840	4.8871	4.8628	4.8649	4.9077	9.4393	9.5385	.24757	2.4191
#2	4.8916	4.9109	4.8774	4.8750	4.9205	9.5118	9.9942	.24653	2.4256

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.832	1.0076	2.4216	1.2414	4.9272	2.4963	24.218	2.4304	1.2507
Stddev	.829	.0067	.0048	.0030	.1265	.0020	.966	.0049	.0077
%RSD	3.3380	.66739	.19793	.23829	2.5673	.07887	3.9880	.20306	.61214

#1	24.246	1.0028	2.4182	1.2393	4.8378	2.4949	23.535	2.4269	1.2453
#2	25.418	1.0124	2.4250	1.2435	5.0167	2.4977	24.900	2.4339	1.2561

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	23.888	2.4575	2.5533	24.097	4.9603	4.8037	4.7895	5.0951	4.8583
Stddev	.763	.0022	.0643	.783	.0167	.1977	.0081	.1698	.0086
%RSD	3.1937	.09168	2.5162	3.2494	.33563	4.1162	.17025	3.3330	.17696

#1	23.349	2.4559	2.5079	23.543	4.9485	4.6638	4.7837	4.9750	4.8522
#2	24.427	2.4591	2.5988	24.651	4.9720	4.9435	4.7953	5.2152	4.8644

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8624	4.6908	4.836	4.9336	4.6633	2.6186
Stddev	.1537	.1699	.016	.1805	.0992	.2278
%RSD	3.1607	3.6213	.3382	3.6590	2.1261	8.7005

#1	4.7537	4.5707	4.824	4.8060	4.5932	2.7797
#2	4.9710	4.8109	4.847	5.0612	4.7334	2.4575

Sample Name: CCV19 Acquired: 12/14/2018 4:26:37 Type: Unk
Method: P4-ICP2(v2649) 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	3698.9	50522.	4908.3	98.607	3873.4
Stddev	4.2	120.	112.8	2.362	2.7
%RSD	.11368	.23803	2.2972	2.3951	.07071
#1	3701.9	50437.	4988.0	100.28	3875.4
#2	3695.9	50607.	4828.6	96.937	3871.5

Sample Name: CCB19 Acquired: 12/14/2018 4:30:25 Type: Unk
Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	.00112	.00095	.00214	-.00152	.00569	.00149	.00007
Stddev	.00112	.00020	.00024	.00057	.00050	.00651	.00118	.00000
%RSD	66.193	17.481	25.189	26.406	33.046	114.41	79.255	1.7202

#1	.00249	.00099	.00078	.00174	-.00117	.00109	.00065	.00007
#2	.00090	.00126	.00112	.00254	-.00188	.01029	.00232	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01934	-.00010	.00013	-.00015	-.00634	.00032	-.02936
Stddev	.00006	.01462	.00003	.00009	.00042	.00315	.00004	.05051
%RSD	53.368	75.603	28.316	70.490	278.56	49.609	13.517	172.06

#1	-.00015	-.02969	-.00012	.00007	-.00045	-.00412	.00035	.00636
#2	-.00007	-.00900	-.00008	.00020	.00015	-.00857	.00028	-.06508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.00034	.18965	.00009	-.00358	.13423	.00059	-.00768
Stddev	.00024	.00004	.02453	.00014	.00008	.00600	.00033	.00139
%RSD	22.083	13.221	12.935	150.68	2.2929	4.4686	55.740	18.140

#1	-.00090	.00037	.17231	-.00001	-.00352	.13847	.00083	-.00669
#2	-.00124	.00030	.20700	.00020	-.00364	.12999	.00036	-.00866

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00317	-.00032	-.00164	.00596	-.0009	-.00032	2.7717
Stddev	.00052	.00134	.00010	.00109	.00066	.0009	.00003	.0920
%RSD	19.806	42.217	31.282	66.208	11.079	100.1	8.6836	3.3182

#1	.00226	-.00222	-.00025	-.00241	.00549	-.0015	-.00034	2.8367
#2	.00299	-.00412	-.00039	-.00087	.00643	-.0003	-.00030	2.7067

Sample Name: CCB19 Acquired: 12/14/2018 4:30:25 Type: Unk
 Method: P4-ICP2(v2649) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .14865
 Stddev .56044
 %RSD 377.01

#1 .54494
 #2 -.24764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.8	53586.	4982.7	105.08	4413.1
Stddev	.4	67.	62.8	.91	4.1
%RSD	.00915	.12569	1.2605	.86362	.09255

#1	3872.5	53538.	5027.1	104.43	4416.0
#2	3873.0	53633.	4938.3	105.72	4410.2