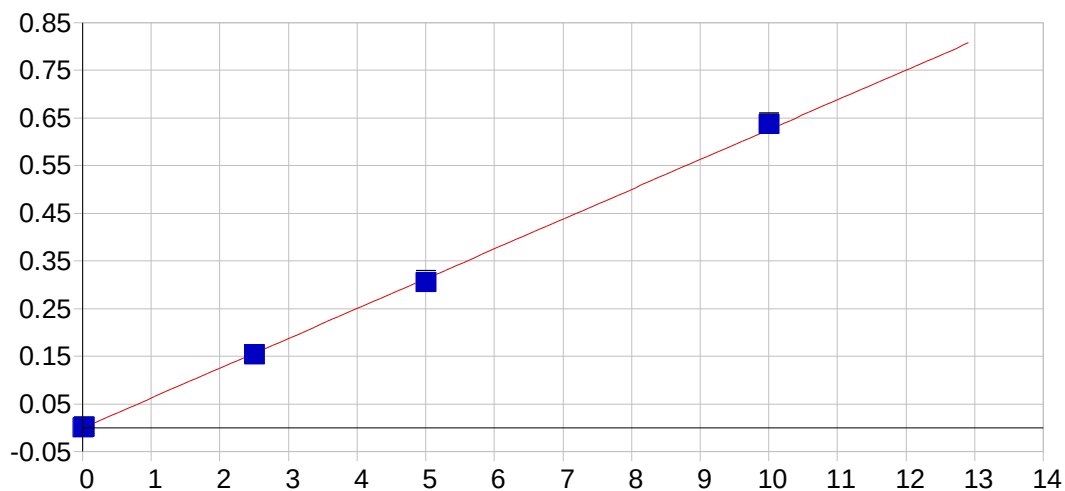


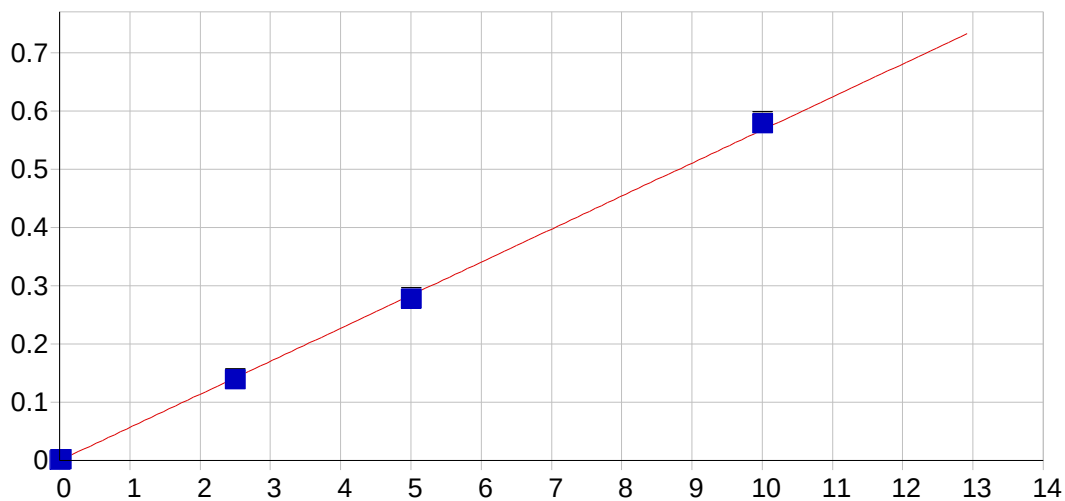


As 189.042 {478}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000220 Re-Slope: 1.000000
 A1 (Gain): 0.062569 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002783
 Predicted MQL: 0.009277

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02000	.02188	.002	9.39	.00115	.000	1
S3	2.5000	2.4369	-.063	-2.53	.15224	.001	1
S4	5.0000	4.8783	-.122	-2.43	.30499	.003	1
S5	10.000	10.183	.183	1.83	.63688	.003	1



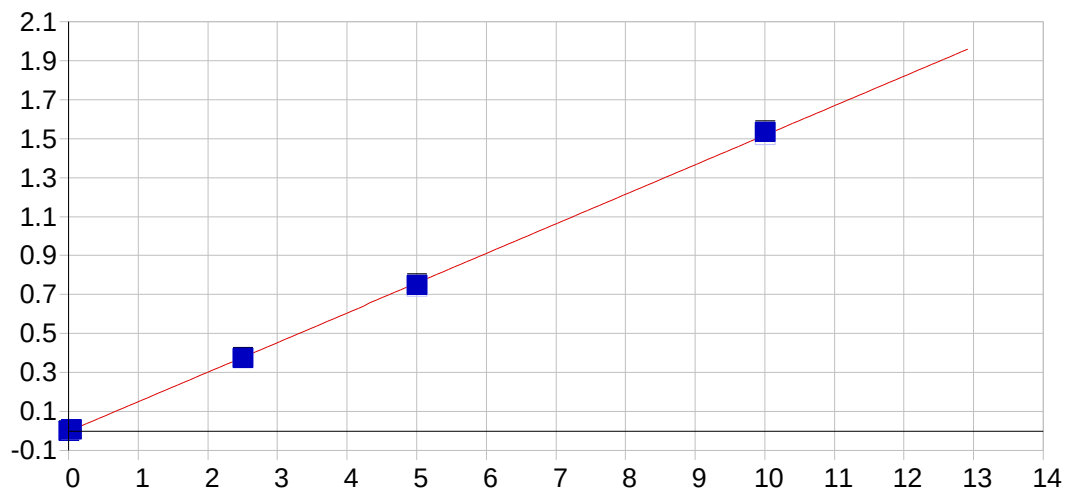
As 189.042 {479}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099 Re-Slope: 1.000000

A1 (Gain): 0.056702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002251
 Predicted MQL: 0.007502

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.02000	.01805	-.002	-9.75	.00112	.000	1
S3	2.5000	2.4342	-.066	-2.63	.13813	.001	1
S4	5.0000	4.8751	-.125	-2.50	.27653	.002	1
S5	10.000	10.193	.193	1.93	.57805	.003	1

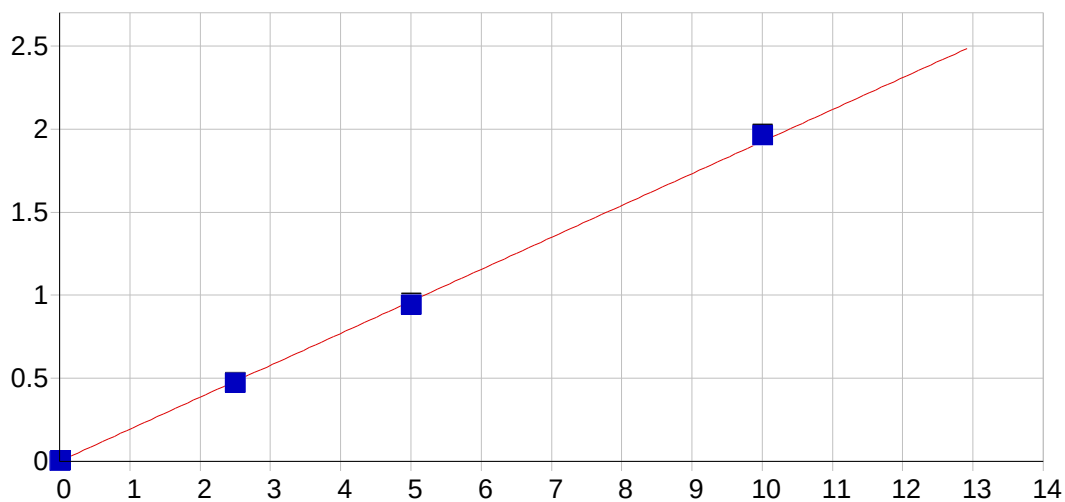


TI 190.856 {477}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.151707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001017
 Predicted MQL: 0.003389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00053	.000	1
S1	.04000	.04510	.005	12.7	.00616	.000	1
S3	2.5000	2.4687	-.031	-1.25	.37010	.002	1
S4	5.0000	4.9234	-.077	-1.53	.73860	.006	1
S5	10.000	10.103	.103	1.03	1.5166	.006	1

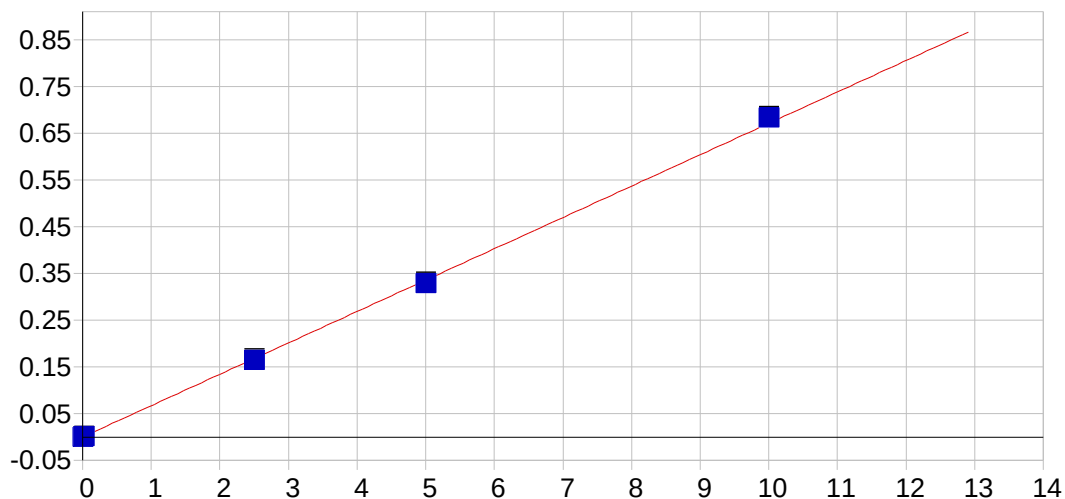


Pb 220.353 {453}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001423 Re-Slope: 1.000000
 A1 (Gain): 0.192314 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001073
 Predicted MQL: 0.003577

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S1	.01200	.01209	.000	.732	.00370	.000	1
S3	2.5000	2.4391	-.061	-2.44	.46983	.002	1
S4	5.0000	4.8810	-.119	-2.38	.93878	.010	1
S5	10.000	10.180	.180	1.80	1.9565	.009	1



Se 196.090 {472}

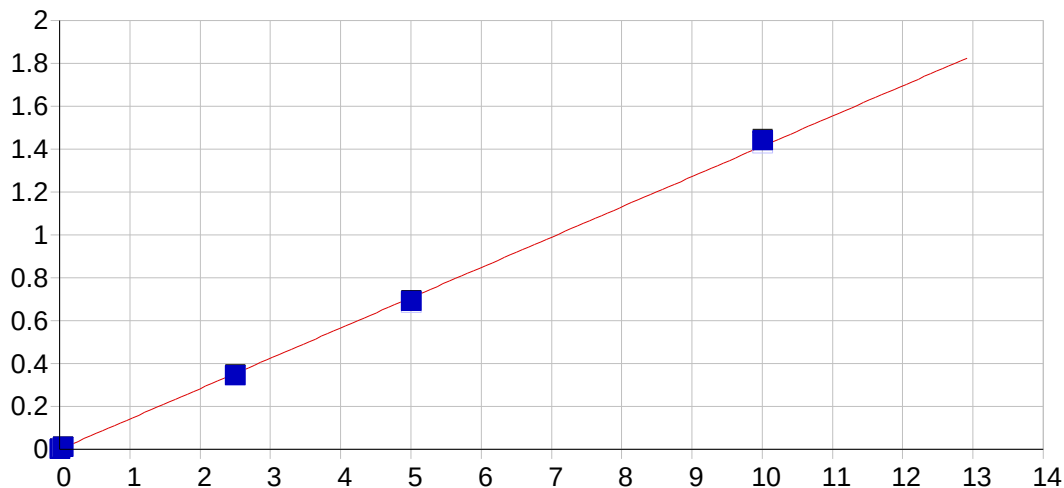
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.067176 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822
 Std Error of Est: 0.000031
 Predicted MDL: 0.002649
 Predicted MQL: 0.008831

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.01896	-.001	-5.21	.00115	.000	1
S3	2.5000	2.4497	-.050	-2.01	.16441	.002	1
S4	5.0000	4.8883	-.112	-2.23	.32821	.003	1
S5	10.000	10.163	.163	1.63	.68250	.004	1



Sb 206.833 {463}

Date of Fit: 12/21/2018 16:43:41

Type of Fit: Linear

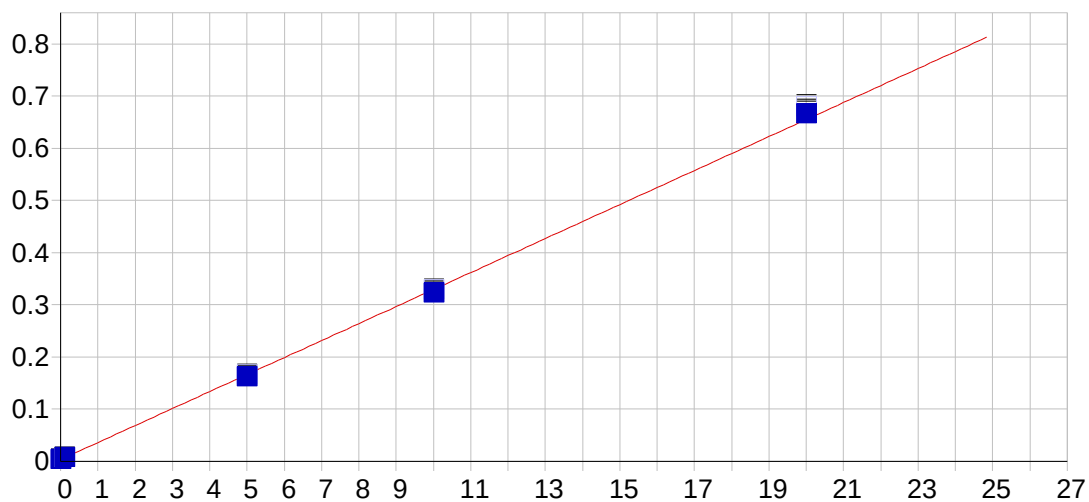
Weighting: 1/Conc

A0 (Offset): 0.000467
 A1 (Gain): 0.141265
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746
 Std Error of Est: 0.000120
 Predicted MDL: 0.001526
 Predicted MQL: 0.005087

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.05354	.004	7.08	.00785	.000	1
S3	2.5000	2.4341	-.066	-2.64	.34034	.002	1
S4	5.0000	4.8741	-.126	-2.52	.68107	.005	1
S5	10.000	10.188	.188	1.88	1.4238	.005	1

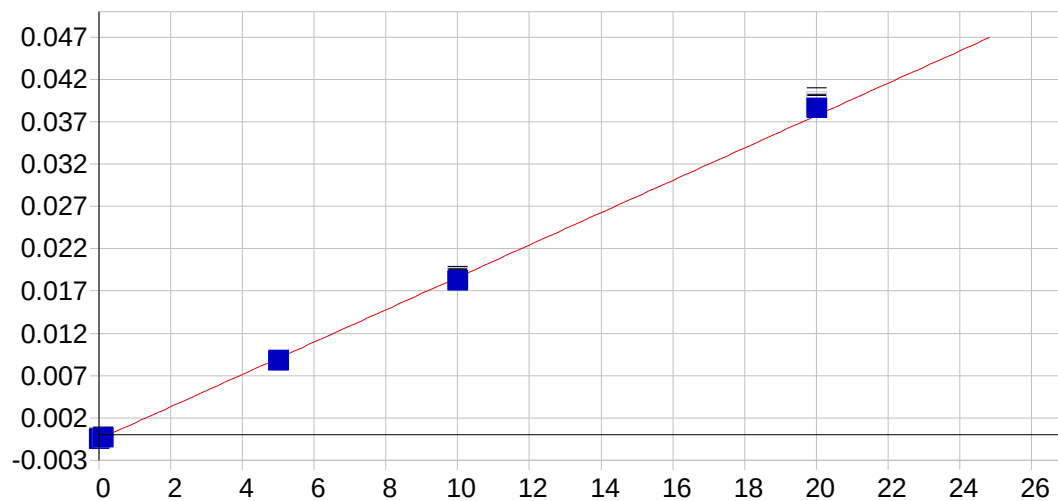


AI 308.215 {109}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003474 Re-Slope: 1.000000
 A1 (Gain): 0.032589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002776
 Predicted MQL: 0.009252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00347	.000	1
S1	.10000	.10729	.007	7.29	.00720	.000	1
S3	5.0000	4.8759	-.124	-2.48	.16562	.001	1
S4	10.000	9.7766	-.223	-2.23	.32858	.002	1
S5	20.000	20.340	.340	1.70	.67932	.004	1



AI 309.271 {109}

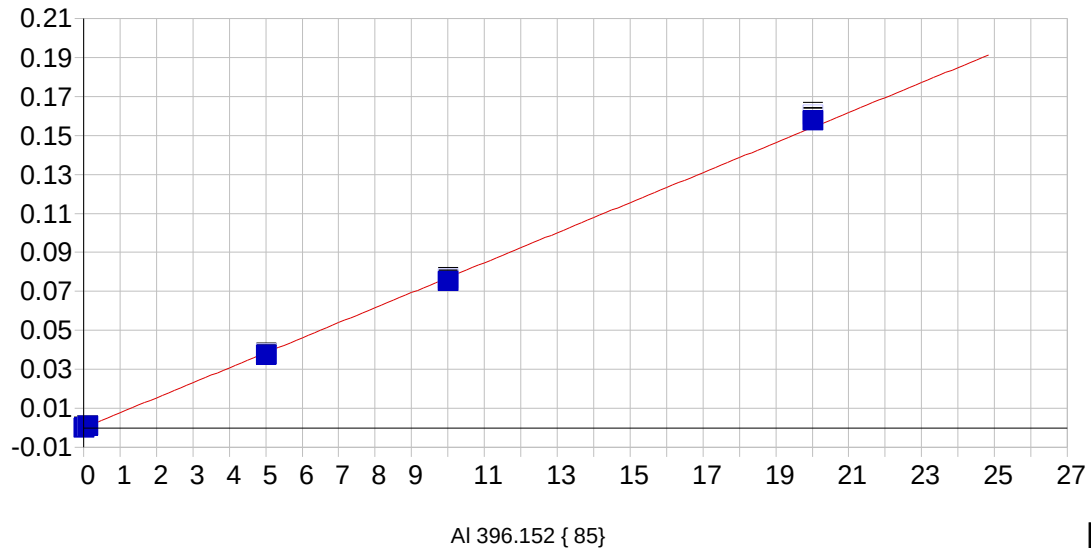
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.001911 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999557
 Std Error of Est: 0.000004
 Predicted MDL: 0.030417
 Predicted MQL: 0.101389

Status: OK.

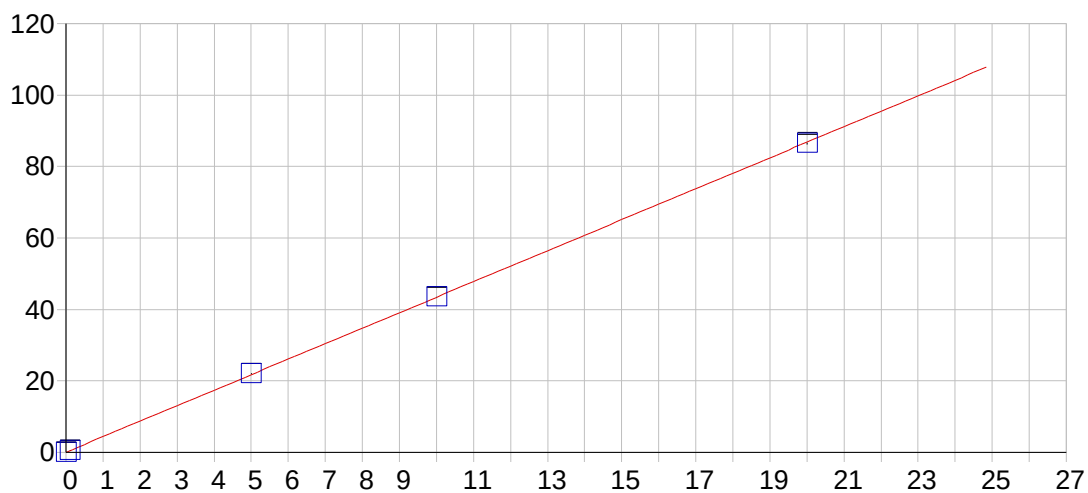
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00050	.000	1
S1	.10000	.06796	-.032	-32.0	-.00036	.000	1
S3	5.0000	4.8054	-.195	-3.89	.00887	.000	1
S4	10.000	9.7840	-.216	-2.16	.01858	.000	1
S5	20.000	20.444	.444	2.22	.03933	.000	1



Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000003 Re-Slope: 1.000000
 A1 (Gain): 0.007701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999692 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.011118
 Predicted MQL: 0.037059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.10000	.10709	.007	7.09	.00088	.000	1
S3	5.0000	4.8309	-.169	-3.38	.03797	.000	1
S4	10.000	9.7335	-.267	-2.67	.07650	.001	1
S5	20.000	20.428	.428	2.14	.16040	.001	1

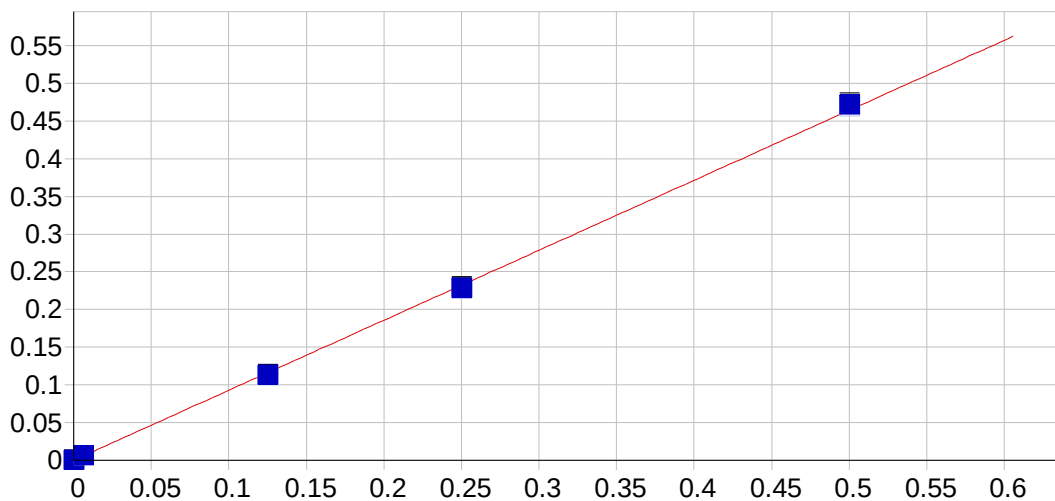


Ba 493.409 { 68}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.069483 Re-Slope: 1.000000
 A1 (Gain): 4.336183 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.002459
 Predicted MDL: 0.000679
 Predicted MQL: 0.002265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06944	.003	1
S1	.10000	.10965	.010	9.65	.54493	.007	1
S3	5.0000	5.0595	.060	1.19	22.009	.049	1
S5	20.000	19.924	-.076	-.378	86.465	.287	1
S4	10.000	10.006	.006	.065	43.459	.135	1



Be 234.861 {144}

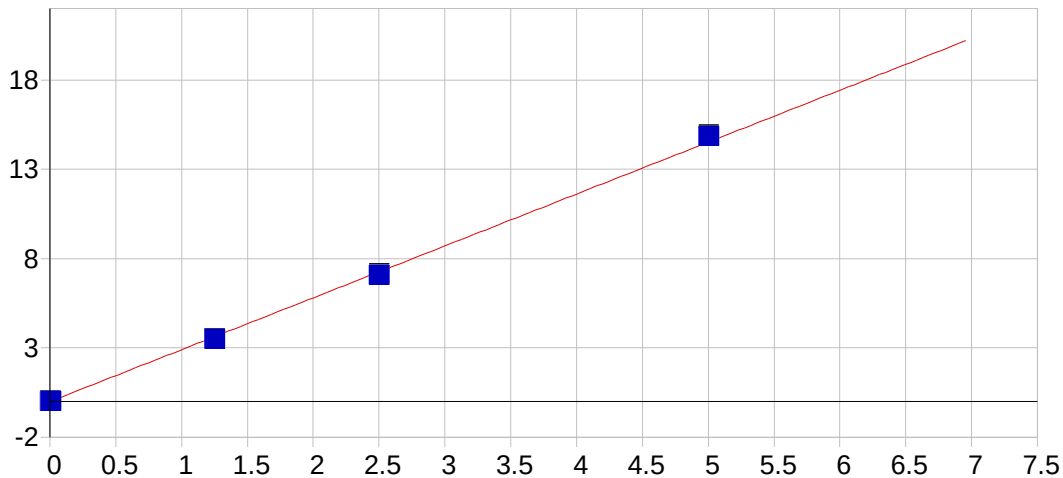
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099 Re-Slope: 1.000000
 A1 (Gain): 0.928130 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838
 Std Error of Est: 0.000049
 Predicted MDL: 0.000062
 Predicted MQL: 0.000206

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.00600	.00619	.000	3.16	.00578	.000	1
S3	.12500	.12172	-.003	-2.62	.11234	.000	1
S4	.25000	.24559	-.004	-1.76	.22658	.002	1
S5	.50000	.50750	.008	1.50	.46821	.002	1



Cd 226.502 {449}

Date of Fit: 12/21/2018 16:43:41

Type of Fit: Linear

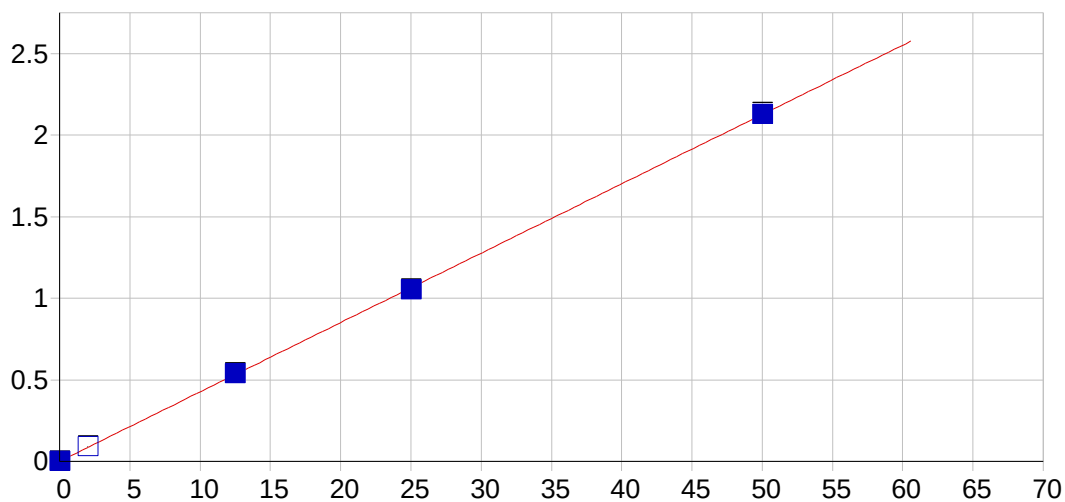
Weighting: 1/Conc

A0 (Offset): -0.000653
 A1 (Gain): 2.903983
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655
 Std Error of Est: 0.000714
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

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	-.00065	.000	1
S1	.00600	.00570	-.000	-5.04	.01593	.000	1
S3	1.2500	1.2026	-.047	-3.79	3.4927	.019	1
S4	2.5000	2.4348	-.065	-2.61	7.0717	.074	1
S5	5.0000	5.1128	.113	2.26	14.850	.069	1

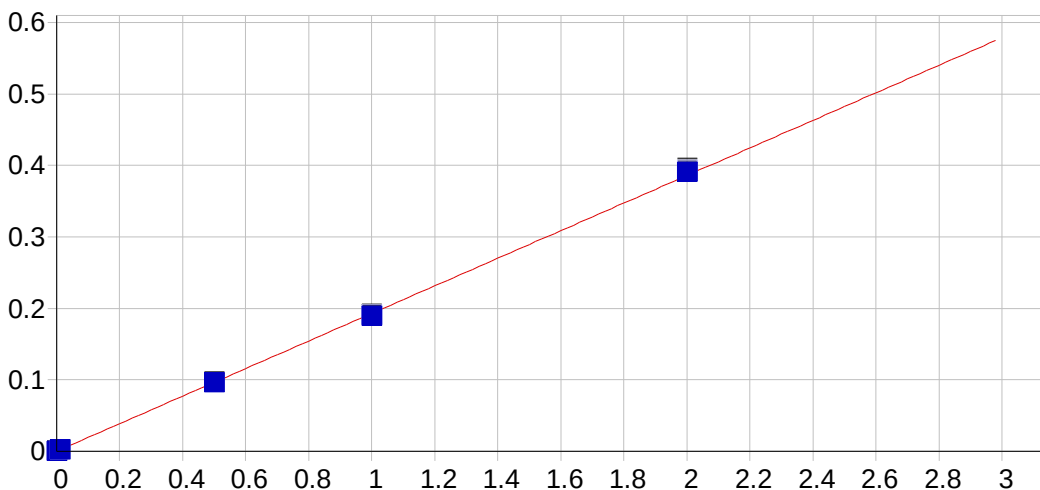


Ca 373.690 { 90}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000756 Re-Slope: 1.000000
 A1 (Gain): 0.042515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000303
 Predicted MDL: 0.016244
 Predicted MQL: 0.054147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1397	.140	6.98	.09172	.001	1
S0	.00000	-.00014	-.000	.000	.00075	.000	1
S3	12.500	12.659	.159	1.27	.53924	.001	1
S4	25.000	24.704	-.296	-1.18	1.0516	.002	1
S5	50.000	49.997	-.003	-.006	2.1275	.011	1



Cr 267.716 {126}

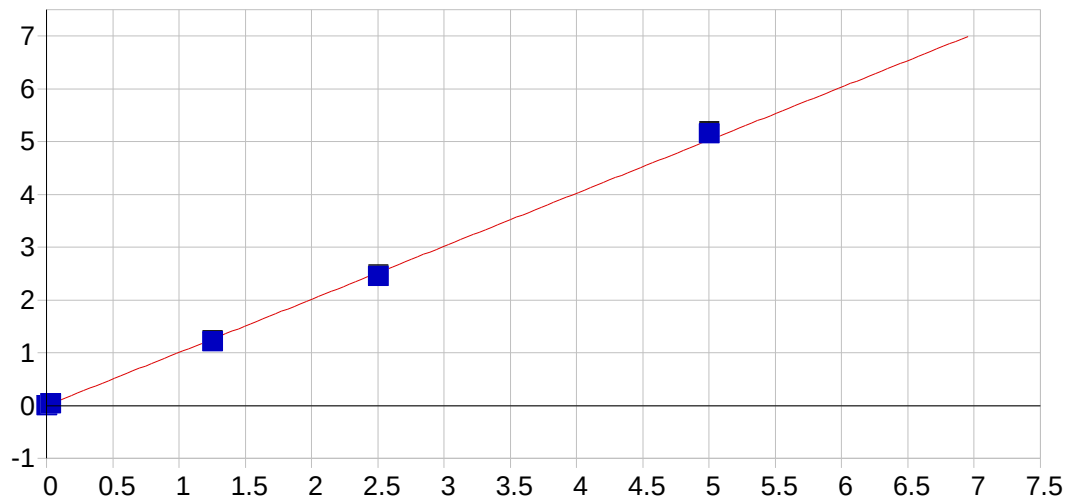
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.192971 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000021
 Predicted MDL: 0.000353
 Predicted MQL: 0.001177

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01057	.001	5.66	.00209	.000	1
S3	.50000	.49425	-.006	-1.15	.09614	.000	1
S4	1.0000	.98135	-.019	-1.86	.19086	.001	1
S5	2.0000	2.0238	.024	1.19	.39346	.003	1

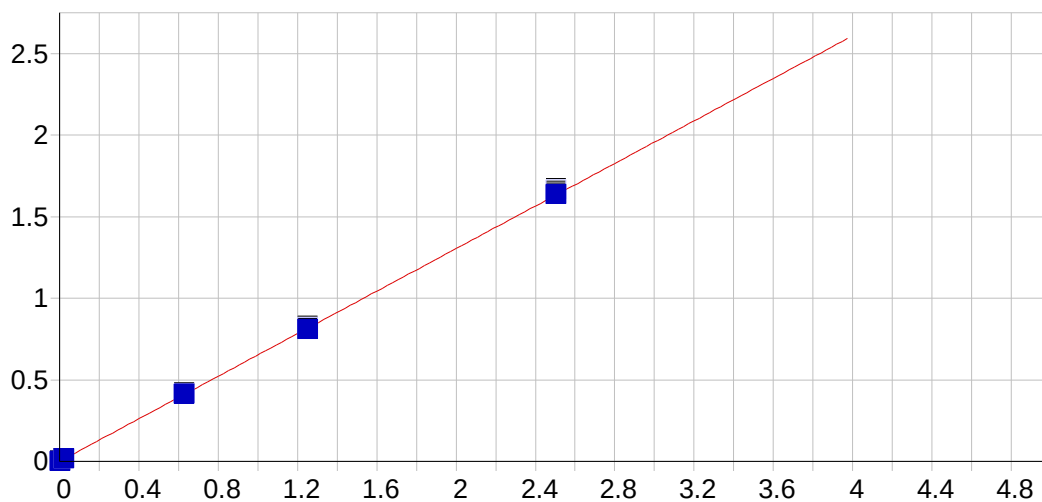


Co 228.616 {447}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000025 Re-Slope: 1.000000
 A1 (Gain): 1.005612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999610 Status: OK.
 Std Error of Est: 0.000589
 Predicted MDL: 0.000223
 Predicted MQL: 0.000743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.03000	.03217	.002	7.22	.03217	.000	1
S3	1.2500	1.2006	-.049	-3.95	1.2084	.007	1
S4	2.5000	2.4295	-.071	-2.82	2.4451	.022	1
S5	5.0000	5.1178	.118	2.36	5.1504	.028	1

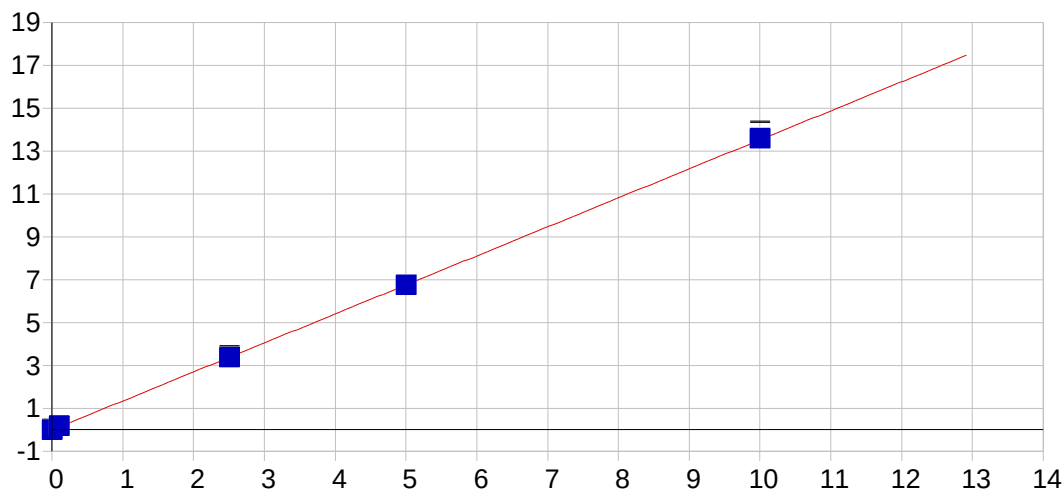


Cu 224.700 {450}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.652053 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.000441
 Predicted MQL: 0.001470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02128	.001	6.41	.01442	.000	1
S3	.62500	.62861	.004	.578	.41713	.003	1
S4	1.2500	1.2366	-.013	-1.08	.82045	.007	1
S5	2.5000	2.5085	.009	.342	1.6637	.006	1



Fe 240.488 {140}

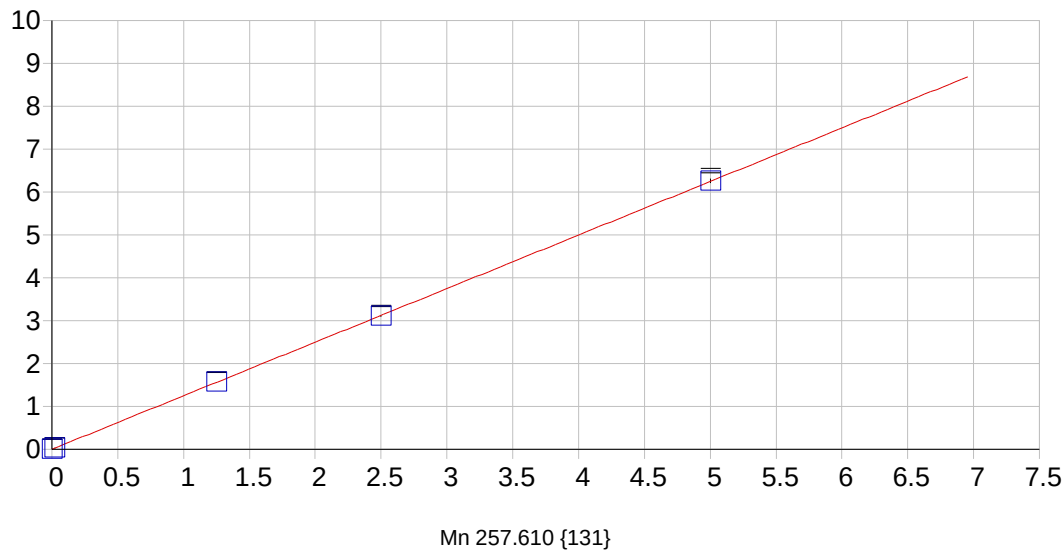
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007067 Re-Slope: 1.000000
 A1 (Gain): 1.353497 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894
 Std Error of Est: 0.001071
 Predicted MDL: 0.007398
 Predicted MQL: 0.024660

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00709	.007	1
S1	.10000	.11867	.019	18.7	.15422	.002	1
S3	2.5000	2.4855	-.014	-.579	3.3741	.067	1
S4	5.0000	4.9737	-.026	-.525	6.7589	.012	1
S5	10.000	10.022	.022	.221	13.626	.310	1



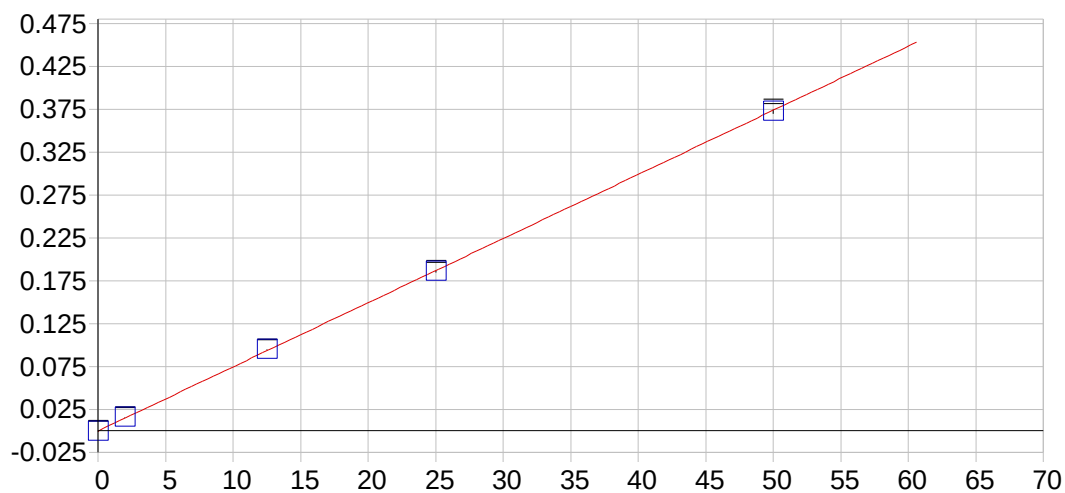
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000326
 A1 (Gain): 1.249132
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000148
 Predicted MDL: 0.000058
 Predicted MQL: 0.000192

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	.00032	.000	1
S1	.02000	.02258	.003	12.9	.02853	.000	1
S3	1.2500	1.2504	.000	.034	1.5623	.006	1
S4	2.5000	2.4868	-.013	-.527	3.1067	.016	1
S5	5.0000	5.0102	.010	.203	6.2587	.056	1

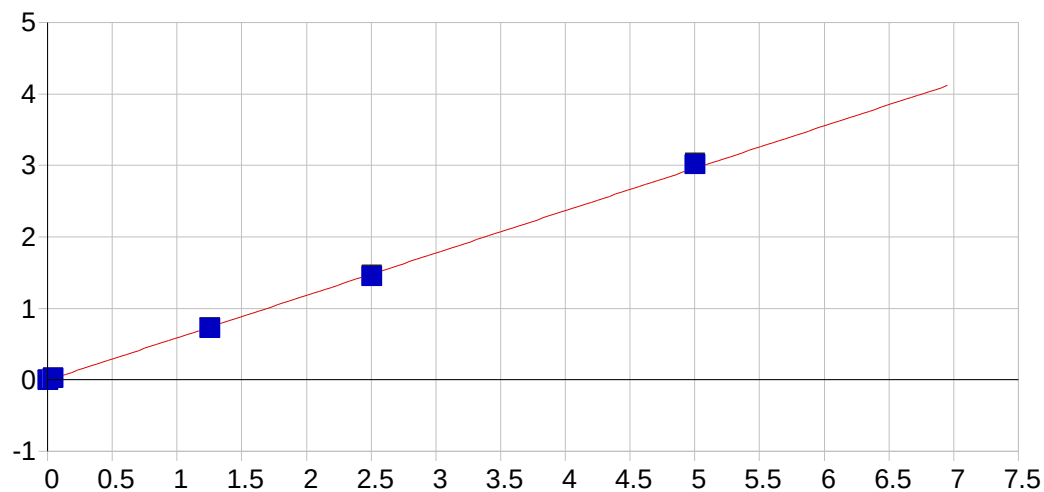


Mg 279.079 {121}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000061 Re-Slope: 1.000000
 A1 (Gain): 0.007475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.042761
 Predicted MQL: 0.142538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1320	.132	6.60	.01588	.000	1
S0	.00000	-.00014	-.000	.000	-.00006	.001	1
S3	12.500	12.687	.187	1.49	.09477	.000	1
S4	25.000	24.868	-.132	-.530	.18582	.001	1
S5	50.000	49.814	-.186	-.372	.37229	.002	1



Ni 231.604 {445}

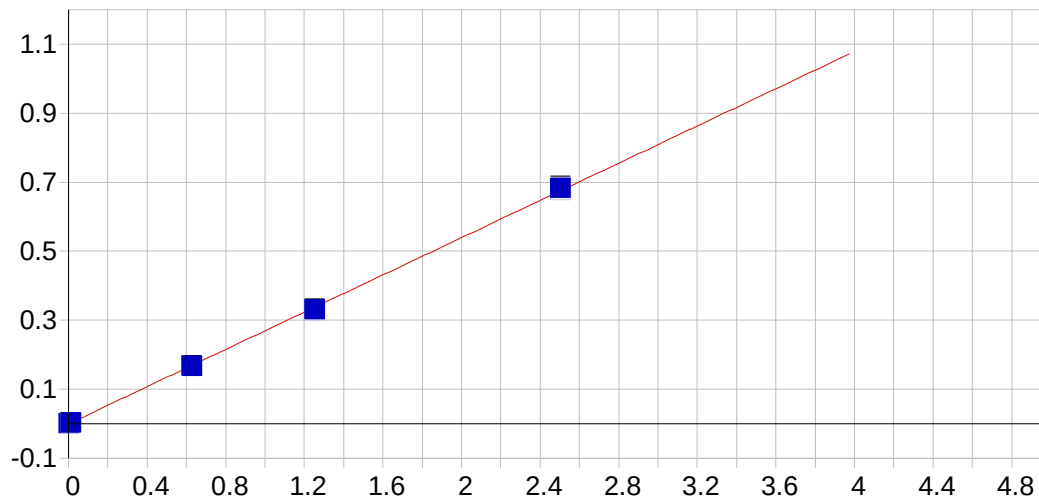
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004919 Re-Slope: 1.000000
 A1 (Gain): 0.592989 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799
 Std Error of Est: 0.000288
 Predicted MDL: 0.000399
 Predicted MQL: 0.001329

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00492	.000	1
S1	.04000	.04294	.003	7.36	.02056	.000	1
S3	1.2500	1.2233	-.027	-2.13	.72130	.005	1
S4	2.5000	2.4411	-.059	-2.36	1.4442	.015	1
S5	5.0000	5.0827	.083	1.65	3.0123	.015	1



Ag 328.068 {103}

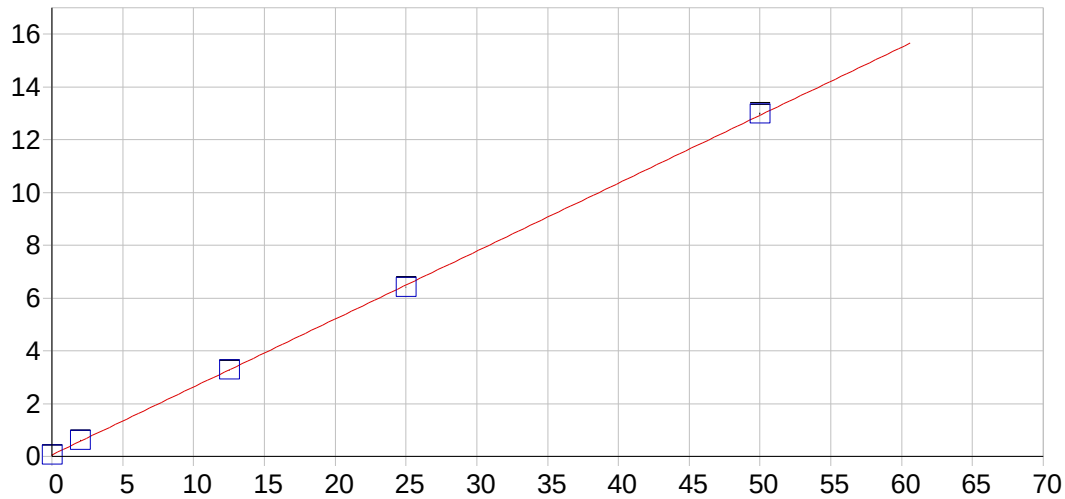
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000172
 A1 (Gain): 0.269746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898
 Std Error of Est: 0.000033
 Predicted MDL: 0.000473
 Predicted MQL: 0.001576

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	-.00017	.000	1
S1	.01000	.01033	.000	3.30	.00256	.000	1
S3	.62500	.61993	-.005	-.812	.16514	.000	1
S4	1.2500	1.2254	-.025	-1.96	.32656	.001	1
S5	2.5000	2.5293	.029	1.17	.67445	.006	1

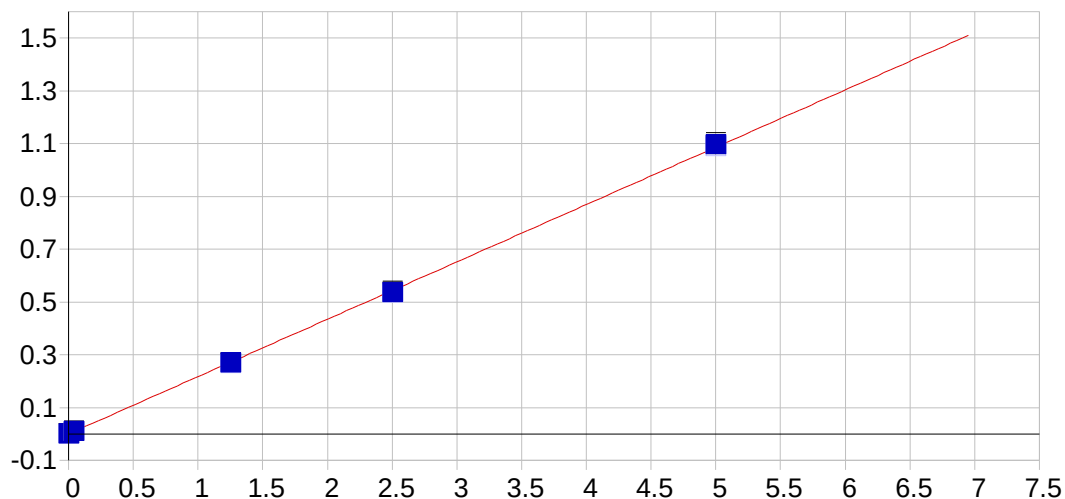


Na 589.592 { 57}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.055315 Re-Slope: 1.000000
 A1 (Gain): 0.257463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.001632
 Predicted MDL: 0.008973
 Predicted MQL: 0.029908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1228	.123	6.14	.60187	.003	1
S0	.00000	-.00010	-.000	.000	.05529	.002	1
S3	12.500	12.488	-.012	-.096	3.2705	.010	1
S4	25.000	24.694	-.306	-1.22	6.4131	.012	1
S5	50.000	50.195	.195	.390	12.979	.037	1



V 292.402 {115}

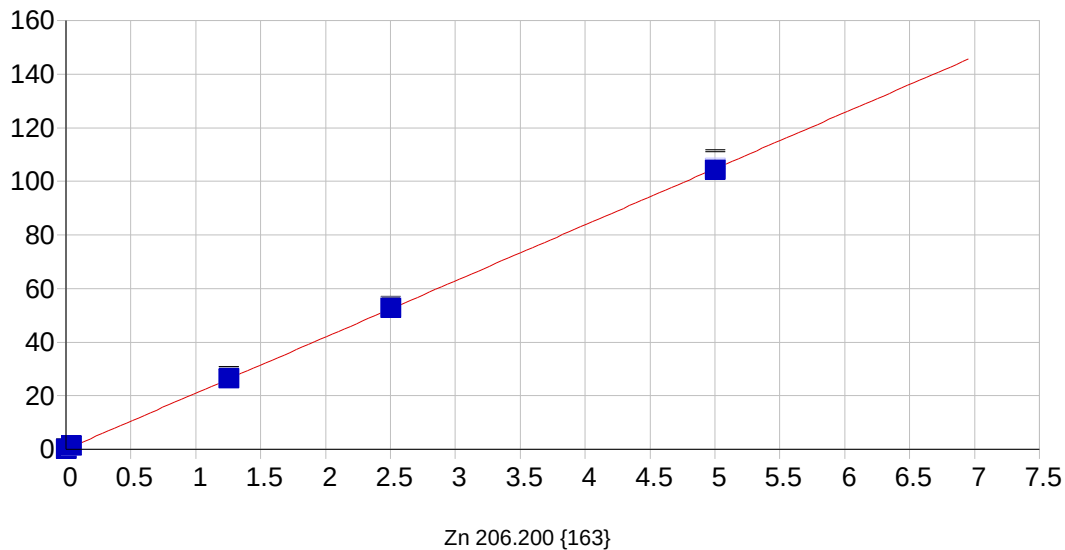
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.217271 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000069
 Predicted MDL: 0.000427
 Predicted MQL: 0.001425

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04483	.005	12.1	.00958	.000	1
S3	1.2500	1.2340	-.016	-1.28	.26631	.000	1
S4	2.5000	2.4696	-.030	-1.22	.53299	.003	1
S5	5.0000	5.0416	.042	.832	1.0883	.007	1



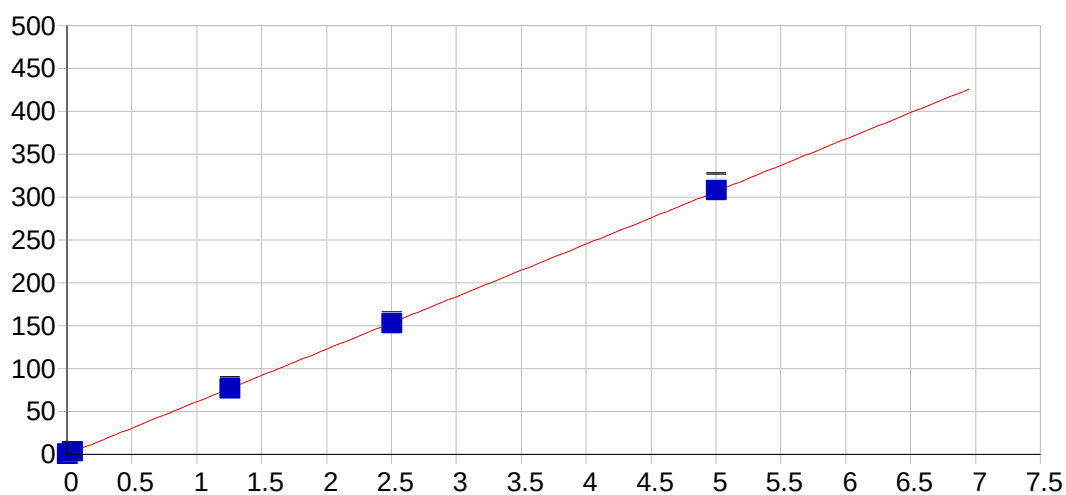
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029721
 A1 (Gain): 20.933558
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845
 Std Error of Est: 0.008968
 Predicted MDL: 0.000559
 Predicted MQL: 0.001864

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02951	.008	1
S1	.04000	.05001	.010	25.0	1.0822	.013	1
S3	1.2500	1.2568	.007	.541	26.497	.557	1
S4	2.5000	2.5114	.011	.454	52.918	.288	1
S5	5.0000	4.9719	-.028	-.563	104.74	3.09	1

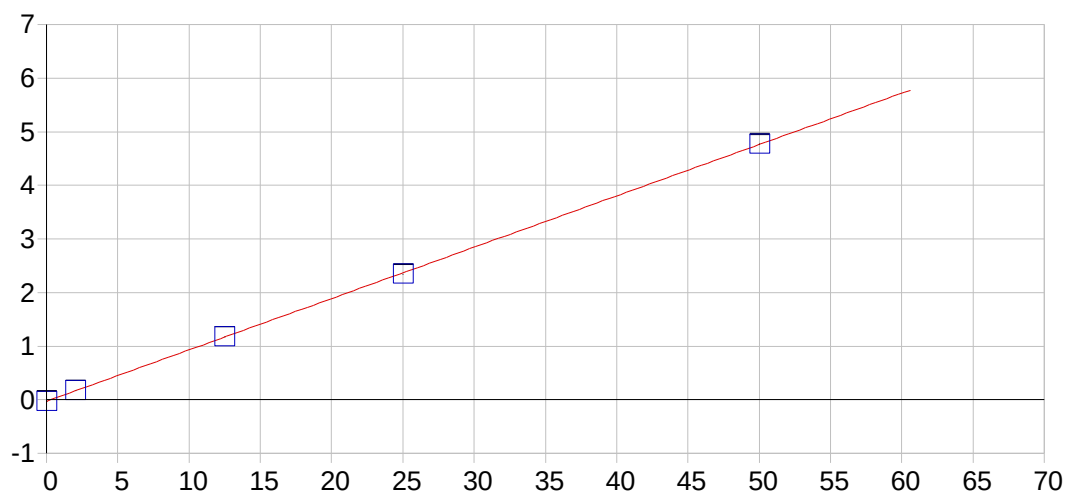


Zn 213.856 {458}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.084816 Re-Slope: 1.000000
 A1 (Gain): 61.280978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.022187
 Predicted MDL: 0.000095
 Predicted MQL: 0.000316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08431	.001	1
S1	.04000	.04860	.009	21.5	3.0789	.054	1
S3	1.2500	1.2440	-.006	-.479	76.782	1.74	1
S4	2.5000	2.4869	-.013	-.524	153.41	.878	1
S5	5.0000	5.0105	.010	.210	308.99	7.75	1



K 766.490 {44}

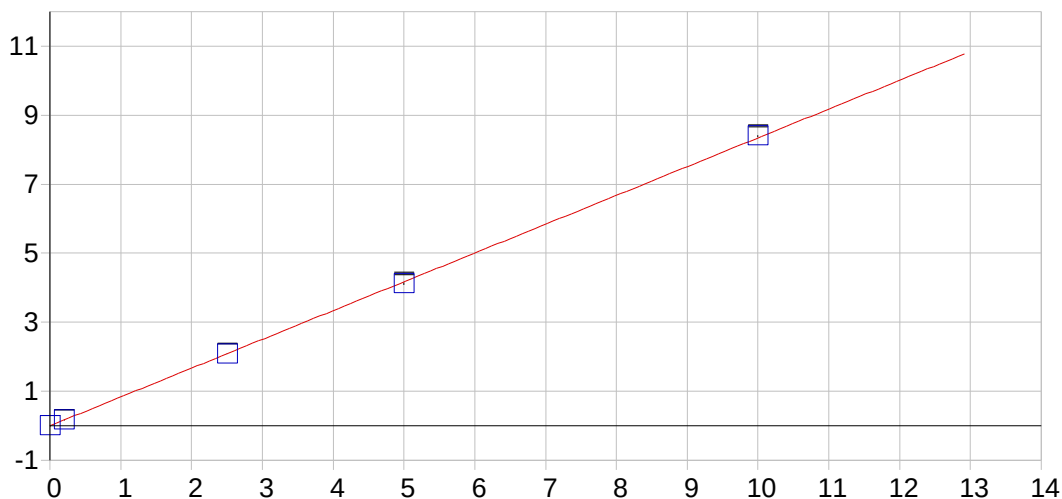
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.028249 Re-Slope: 1.000000
 A1 (Gain): 0.095778 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000573
 Predicted MDL: 0.031260
 Predicted MQL: 0.104201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1124	.112	5.62	.17407	.001	1
S0	.00000	-.00011	-.000	.000	-.02826	.002	1
S3	12.500	12.598	.098	.786	1.1784	.001	1
S4	25.000	24.703	-.297	-1.19	2.3378	.007	1
S5	50.000	50.086	.086	.172	4.7689	.014	1



Mo 202.030 {467}

Date of Fit: 12/21/2018 16:43:41

Type of Fit: Linear

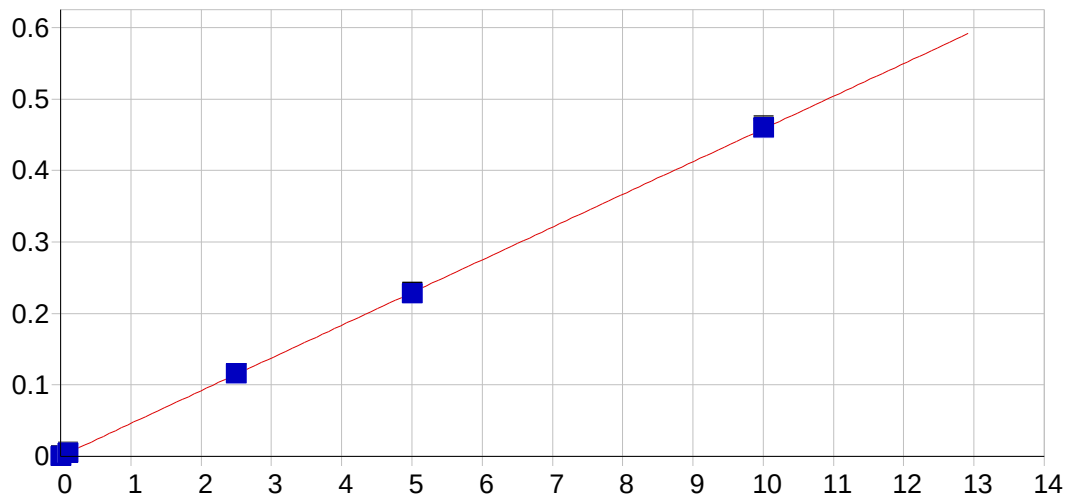
Weighting: 1/Conc

A0 (Offset): 0.000061
 A1 (Gain): 0.834434
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964
 Std Error of Est: 0.000543
 Predicted MDL: 0.000236
 Predicted MQL: 0.000786

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.20000	.20201	.002	1.00	.16862	.001	1
S3	2.5000	2.4975	-.003	-.100	2.0841	.013	1
S4	5.0000	4.9356	-.064	-1.29	4.1185	.037	1
S5	10.000	10.065	.065	.649	8.3985	.030	1

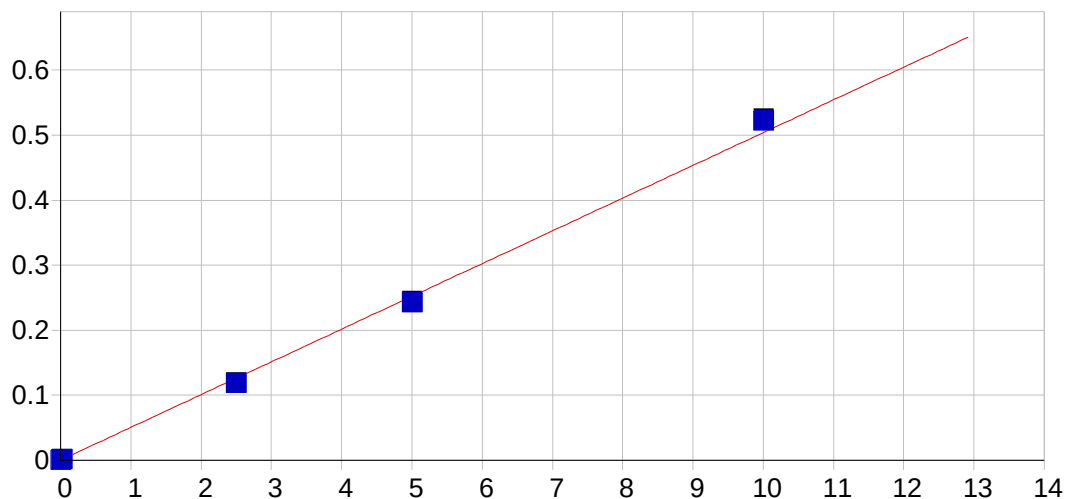


B 249.678 {135}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000300 Re-Slope: 1.000000
 A1 (Gain): 0.045777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.006894
 Predicted MQL: 0.022979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.10000	.09883	-.001	-1.17	.00480	.000	1
S3	2.5000	2.5100	.010	.401	.11493	.001	1
S4	5.0000	4.9690	-.031	-.619	.22723	.002	1
S5	10.000	10.022	.022	.221	.45801	.003	1



S 182.034 {485}

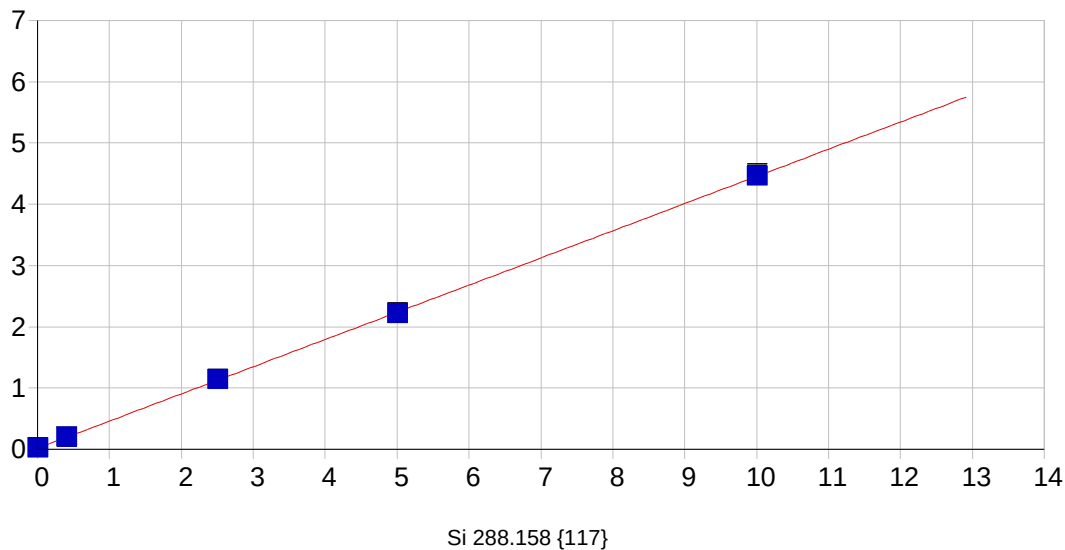
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000339 Re-Slope: 1.000000
 A1 (Gain): 0.050365 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999065
 Std Error of Est: 0.000053
 Predicted MDL: 0.002494
 Predicted MQL: 0.008313

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00034	.000	1
S1	.02000	.01314	-.007	-34.3	.00097	.000	1
S3	2.5000	2.3463	-.154	-6.15	.11837	.000	1
S4	5.0000	4.8003	-.200	-3.99	.24182	.002	1
S5	10.000	10.360	.360	3.60	.52156	.002	1



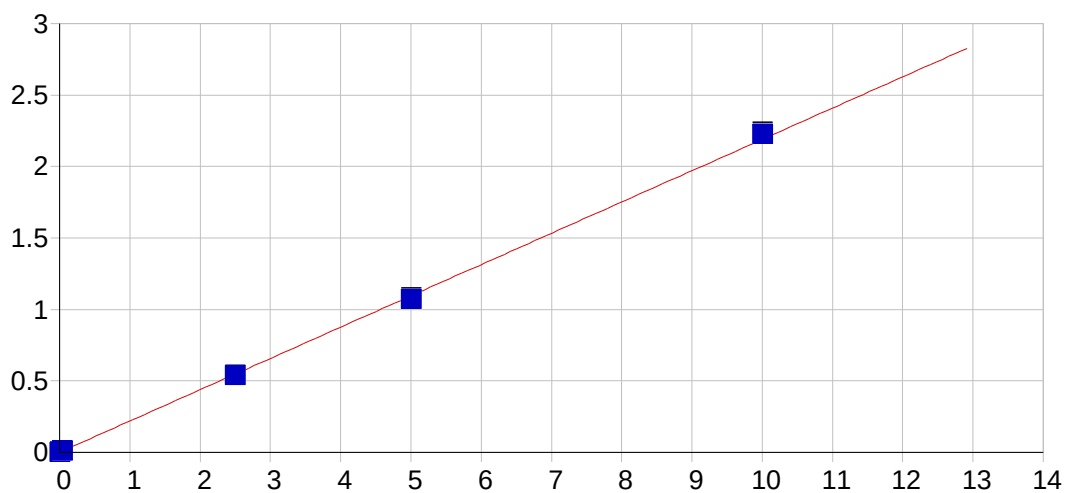
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017036
 A1 (Gain): 0.443848
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981
 Std Error of Est: 0.000296
 Predicted MDL: 0.002171
 Predicted MQL: 0.007237

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01703	.000	1
S1	.40000	.40632	.006	1.58	.19723	.001	1
S3	2.5000	2.5208	.021	.832	1.1353	.003	1
S4	5.0000	4.9570	-.043	-.861	2.2160	.010	1
S5	10.000	10.016	.016	.159	4.4602	.031	1

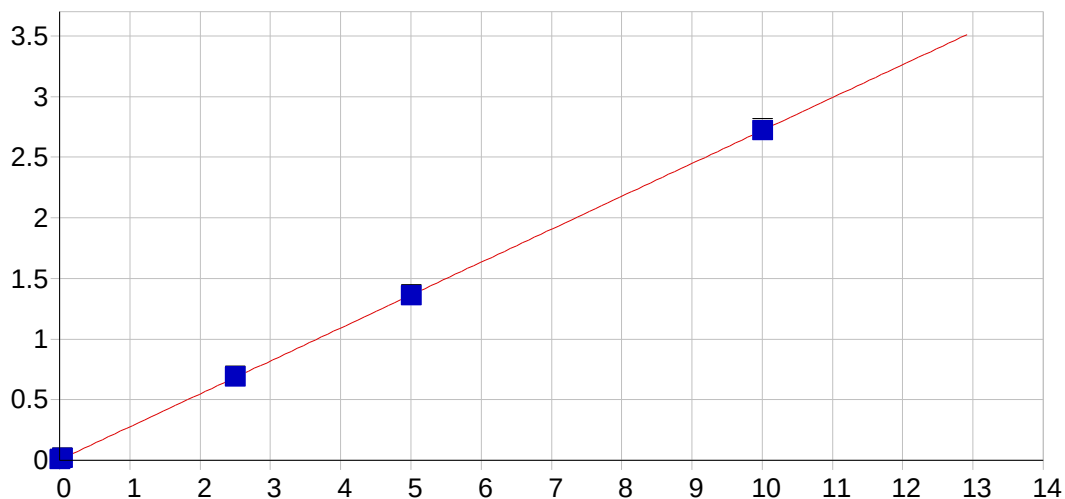


Sn 189.989 {477}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000679 Re-Slope: 1.000000
 A1 (Gain): 0.218888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.000588
 Predicted MQL: 0.001959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.04000	.03989	-.000	-.269	.00941	.000	1
S3	2.5000	2.4490	-.051	-2.04	.53683	.001	1
S4	5.0000	4.8829	-.117	-2.34	1.0697	.011	1
S5	10.000	10.168	.168	1.68	2.2268	.010	1



Ti 336.121 {100}

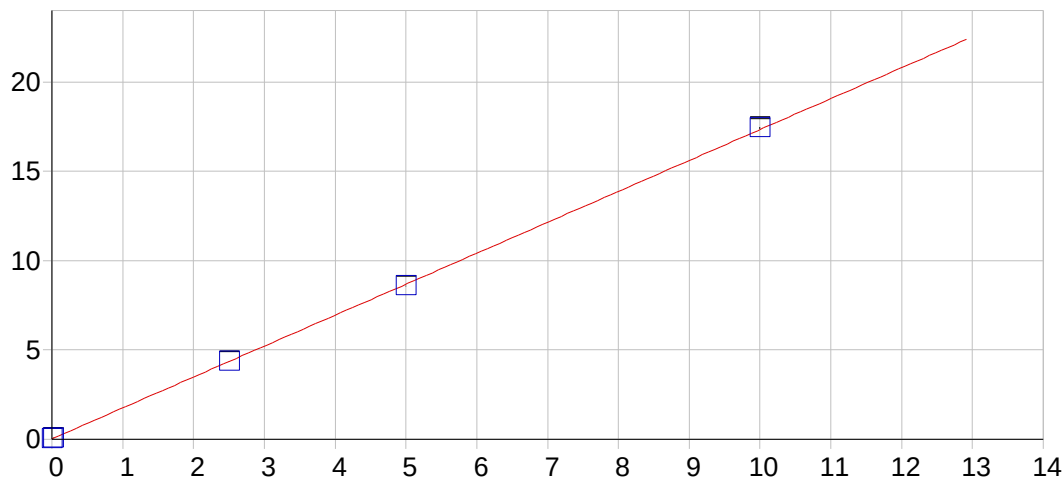
Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004880 Re-Slope: 1.000000
 A1 (Gain): 0.271504 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994
 Std Error of Est: 0.000033
 Predicted MDL: 0.001819
 Predicted MQL: 0.006064

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00488	.000	1
S1	.04000	.04141	.001	3.52	.01612	.000	1
S3	2.5000	2.5169	.017	.675	.68814	.001	1
S4	5.0000	4.9838	-.016	-.325	1.3578	.004	1
S5	10.000	9.9979	-.002	-.021	2.7190	.015	1



Li 670.784 { 50}

Date of Fit: 12/21/2018 16:43:41

Type of Fit: Linear

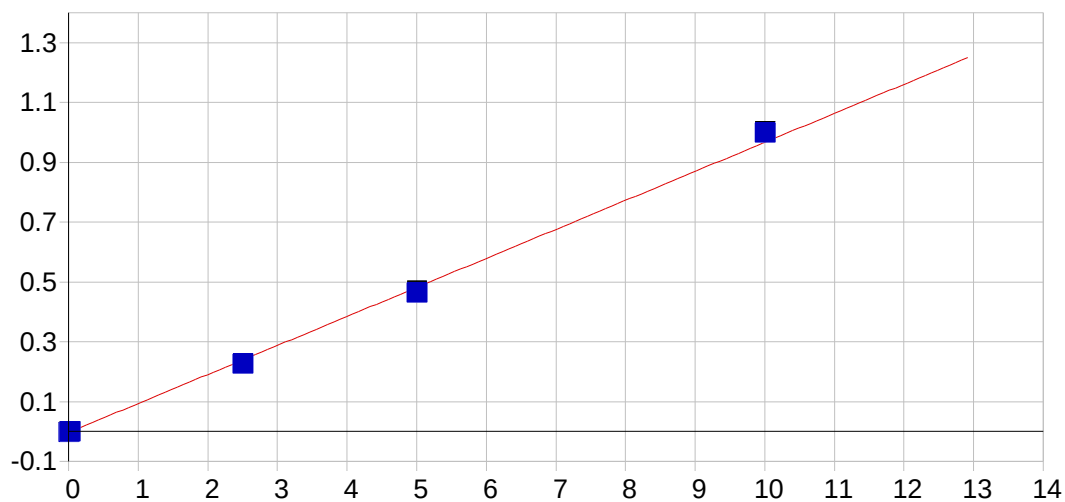
Weighting: 1/Conc

A0 (Offset): 0.024766
 A1 (Gain): 1.731190
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000298
 Predicted MDL: 0.001426
 Predicted MQL: 0.004754

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	.02477	.001	1
S1	.02000	.01968	-.000	-1.58	.05884	.003	1
S3	2.5000	2.5020	.002	.081	4.3562	.014	1
S4	5.0000	4.9452	-.055	-1.10	8.5859	.017	1
S5	10.000	10.053	.053	.531	17.429	.061	1

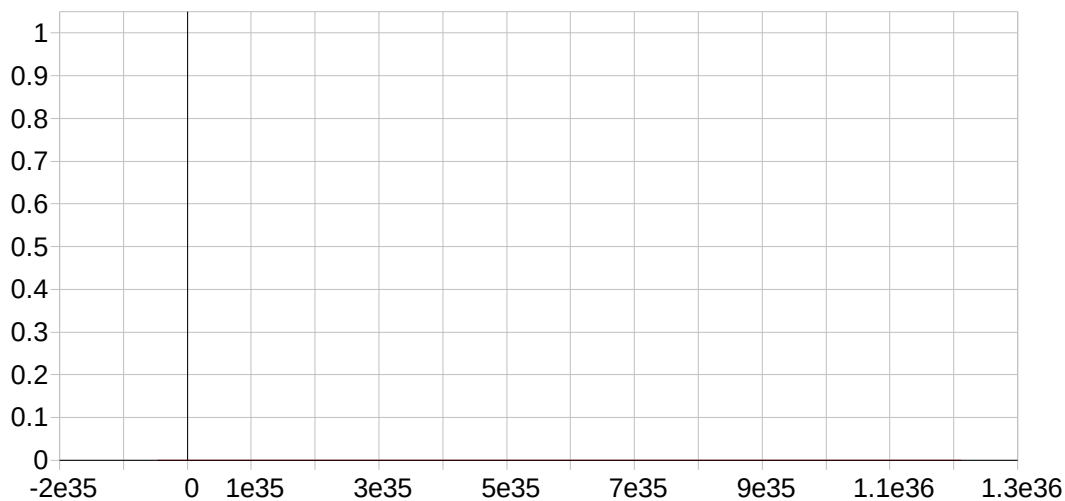


P 177.495 {490}

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003524 Re-Slope: 1.000000
 A1 (Gain): 0.097020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999255 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.001389
 Predicted MQL: 0.004631

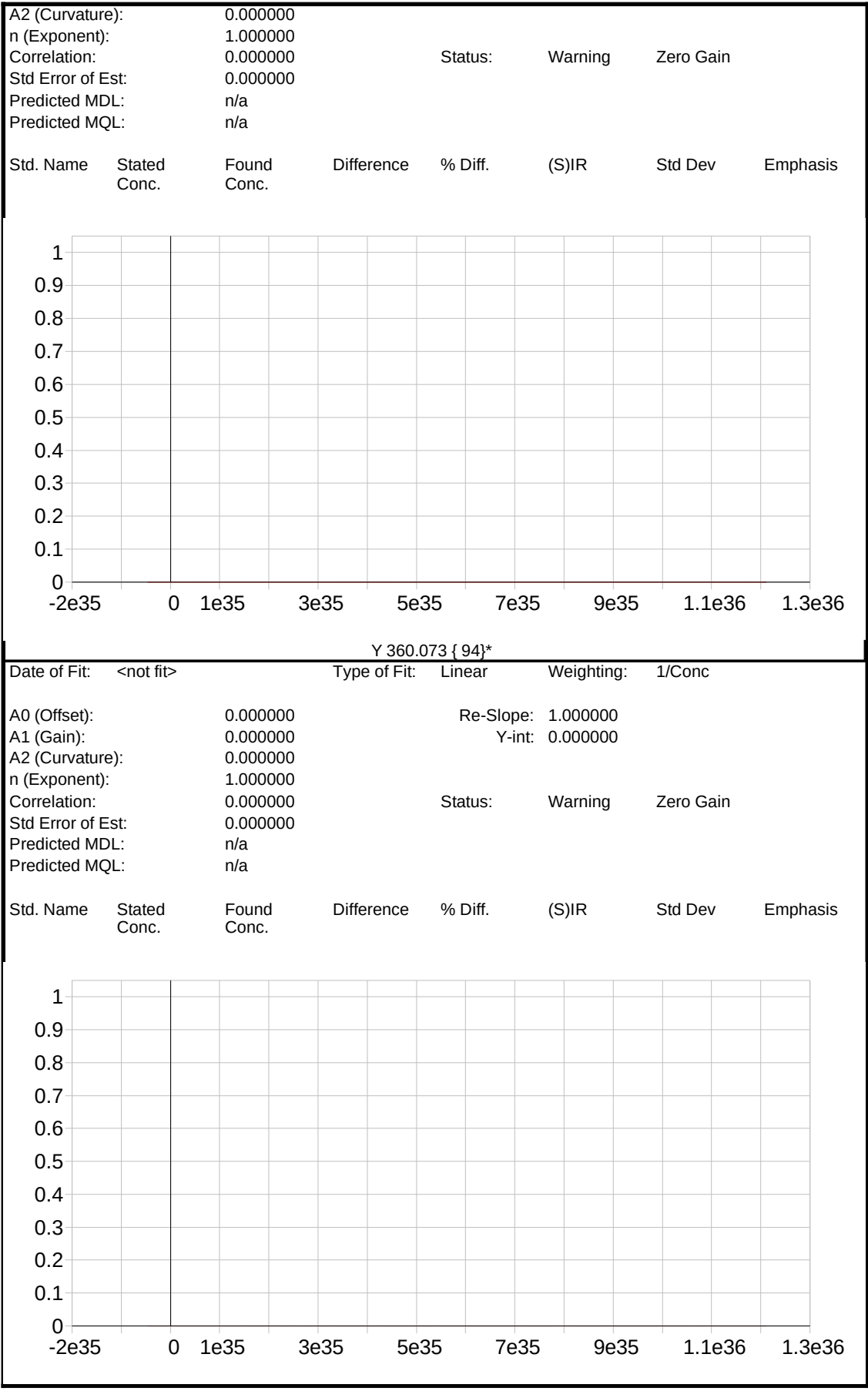
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00352	.000	1
S1	.02000	.01862	-.001	-6.90	-.00172	.000	1
S3	2.5000	2.3585	-.141	-5.66	.22495	.000	1
S4	5.0000	4.8125	-.188	-3.75	.46268	.005	1
S5	10.000	10.330	.330	3.30	.99733	.004	1

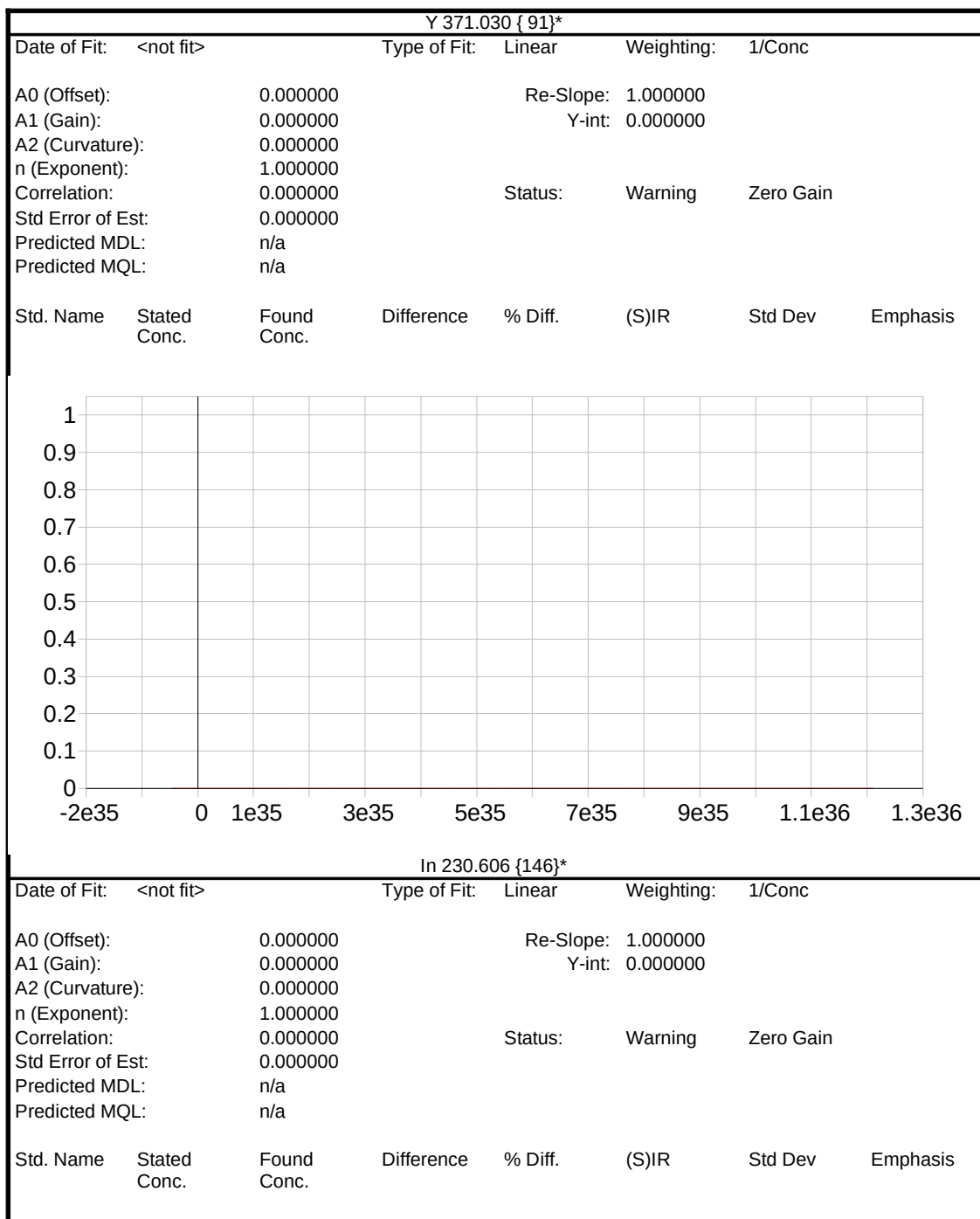


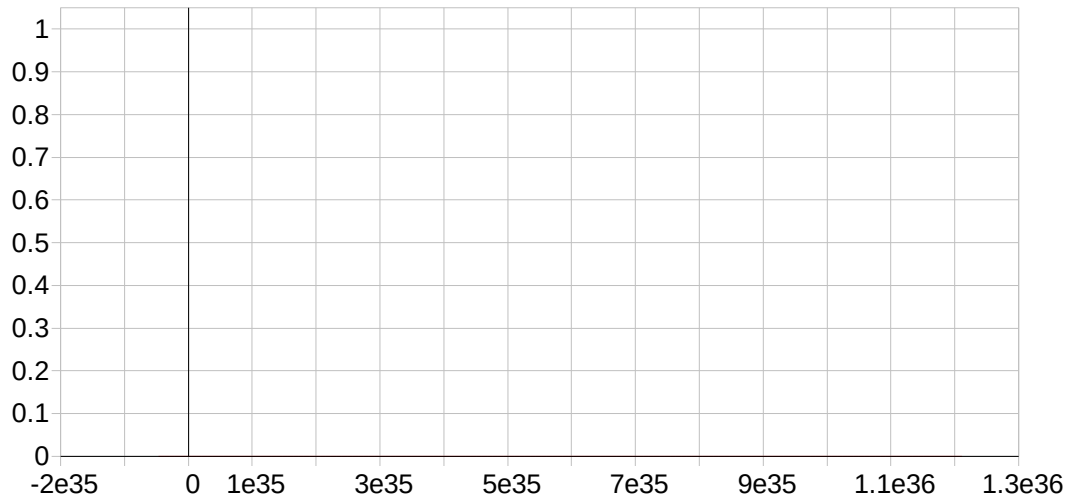
Y 224.306 {450}*

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

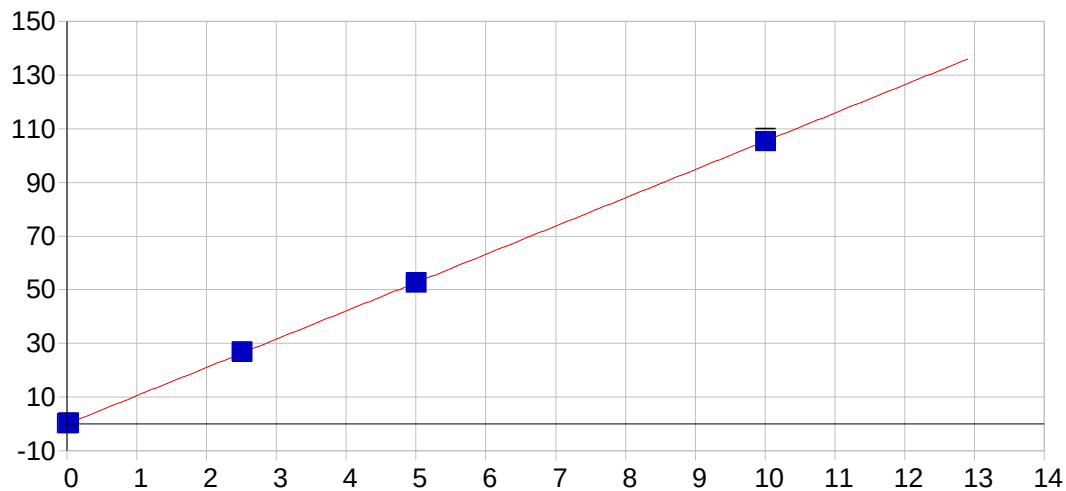
Status: Warning Zero Gain

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: 12/21/2018 16:43:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004190

Re-Slope: 1.000000

A1 (Gain): 10.532843

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999979

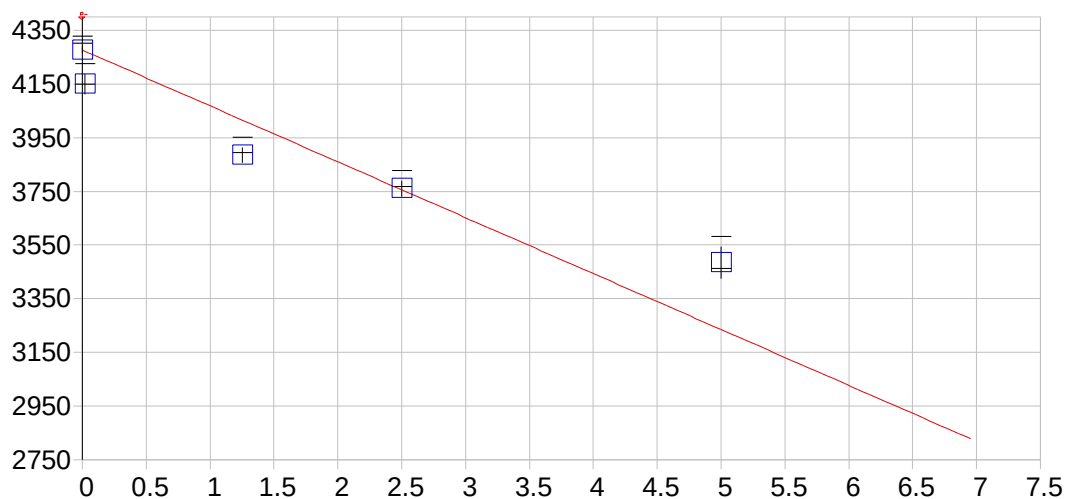
Status: OK.

Std Error of Est: 0.001634

Predicted MDL: 0.000089

Predicted MQL: 0.000295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00420	.000	1
S1	.02000	.02058	.001	2.89	.21371	.004	1
S3	2.5000	2.5383	.038	1.53	26.760	.058	1
S4	5.0000	4.9792	-.021	-.416	52.499	.005	1
S5	10.000	9.9819	-.018	-.181	105.25	1.08	1

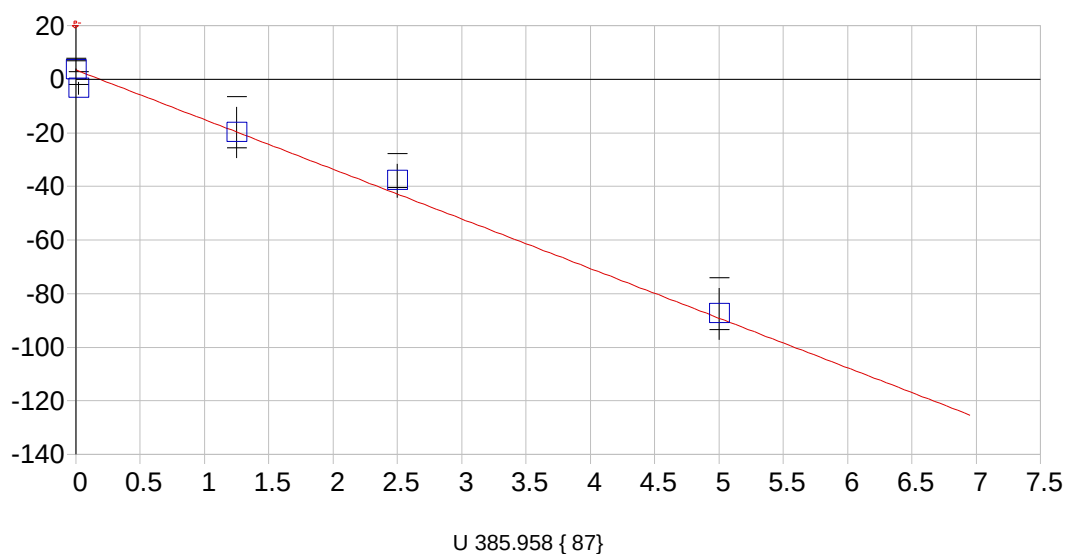


U 367.007 { 92 }

Date of Fit: 12/21/2018 16:43:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4276.752070 Re-Slope: 1.000000
A1 (Gain): -208.271445 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.572993 Status: Warning Negative Gain
Std Error of Est: 5.090607
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00059	-.001	.000	4276.9	13.9	1
S1	.02000	.60855	.589	2940.	4150.0	37.8	1
S3	1.2500	1.8796	.630	50.4	3885.3	28.3	1
S4	2.5000	2.4782	-.022	-.871	3760.6	29.7	1
S5	5.0000	3.8036	-1.20	-23.9	3484.6	59.9	1



Date of Fit:	12/21/2018 16:43:41	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	3.420585	Re-Slope:	1.000000				
A1 (Gain):	-18.514749	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.767274	Status:	Warning	Negative Gain			
Std Error of Est:	0.264454						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	-.000	.000	3.4270	.459	1
S1	.02000	.36899	.349	1740.	-3.4113	2.41	1
S3	1.2500	1.2579	.008	.631	-19.869	9.52	1
S4	2.5000	2.2290	-.271	-10.8	-37.848	6.38	1
S5	5.0000	4.9142	-.086	-1.72	-87.564	9.57	1

Sample Name: S0 Acquired: 12/21/2018 12:31:25 Type: Cal
Method: P4-ICP2(v2678) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00010	-.00053	.00142	-.00013	.00047	.00000	.06944	.00010
Stddev	.00007	.00003	.00021	.00001	.00027	.00009	.00317	.00005
%RSD	66.398	5.4795	14.488	11.673	58.530	3169.4	4.5705	48.117

#1	.00003	-.00050	.00121	-.00014	.00074	-.00007	.06973	.00011
#2	.00011	-.00053	.00163	-.00013	.00019	.00010	.06613	.00014
#3	.00016	-.00055	.00143	-.00011	.00047	-.00002	.07246	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00065	.00075	.00004	.00002	.00032	-.00709	.00032	-.00006
Stddev	.00016	.00030	.00000	.00013	.00023	.00735	.00005	.00062
%RSD	25.183	39.678	9.7427	530.60	70.865	103.71	15.420	1002.7

#1	-.00047	.00041	.00004	.00012	.00050	-.01556	.00031	.00057
#2	-.00079	.00093	.00005	.00007	.00006	-.00337	.00038	-.00007
#3	-.00069	.00091	.00004	-.00012	.00041	-.00234	.00028	-.00068

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	-.00492	-.00017	.05529	-.00003	.08431	-.02826	.00006	.00030
Stddev	.00012	.00007	.00189	.00014	.00056	.00220	.00009	.00019
%RSD	2.4024	41.326	3.4232	472.51	.66565	7.7824	145.50	63.645

#1	-.00496	-.00016	.05313	-.00017	.08422	-.02694	.00008	.00022
#2	-.00479	-.00011	.05665	.00012	.08491	-.03080	.00014	.00016
#3	-.00502	-.00025	.05609	-.00005	.08380	-.02704	-.00003	.00052

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	.00034	.01703	.00068	.00488	.02477	-.0035	-.00420	4276.9
Stddev	.00001	.00040	.00010	.00025	.00121	.0001	.00048	13.9
%RSD	3.0555	2.3580	14.337	5.1162	4.9042	2.199	11.505	.32466

#1	.00035	.01688	.00057	.00480	.02452	-.0035	-.00364	4289.7
#2	.00033	.01673	.00074	.00516	.02608	-.0034	-.00453	4262.1
#3	.00034	.01749	.00073	.00468	.02369	-.0036	-.00442	4278.8

Sample Name: S0 Acquired: 12/21/2018 12:31:25 Type: Cal
Method: P4-ICP2(v2678) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	3.4270
Stddev	.4591
%RSD	13.395

#1	3.9500
#2	3.2403
#3	3.0907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.2	46983.	4446.8	100.75	3965.4
Stddev	19.8	183.	43.7	1.05	26.5
%RSD	.57716	.38994	.98214	1.0440	.66726

#1	3406.8	46832.	4480.3	101.21	3961.4
#2	3444.3	46929.	4397.4	101.48	3993.6
#3	3436.5	47187.	4462.6	99.541	3941.1

Sample Name: S1 Acquired: 12/21/2018 12:35:30 Type: Cal
Method: P4-ICP2(v2678) 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	.00112	.00616	.00370	.00115	.00785	.00088	.54493	.00578
Stddev	.00005	.00007	.00018	.00019	.00010	.00002	.00727	.00004
%RSD	4.4702	1.1846	4.9573	16.485	1.3035	2.0884	1.3335	.65097
#1	.00113	.00609	.00369	.00127	.00795	.00089	.55214	.00581
#2	.00117	.00624	.00390	.00093	.00775	.00090	.53761	.00574
#3	.00107	.00614	.00353	.00124	.00786	.00086	.54505	.00580
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	.01593	.00209	.03217	.01442	.15422	.02853	.02056	.00256
Stddev	.00015	.00001	.00024	.00023	.00151	.00018	.00012	.00007
%RSD	.92241	.68252	.73176	1.6126	.98104	.62561	.58652	2.6858
#1	.01577	.00210	.03224	.01451	.15596	.02843	.02066	.00252
#2	.01595	.00208	.03190	.01415	.15327	.02873	.02059	.00252
#3	.01606	.00210	.03236	.01459	.15342	.02841	.02043	.00264
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	.00958	3.0789	.16862	.00480	.00097	.19723	.00941	.01612
Stddev	.00006	.0536	.00053	.00027	.00007	.00061	.00022	.00048
%RSD	.58724	1.7408	.31275	5.6692	6.9791	.30903	2.3094	2.9860
#1	.00955	3.1003	.16898	.00500	.00105	.19655	.00959	.01590
#2	.00954	3.1185	.16802	.00449	.00091	.19744	.00917	.01667
#3	.00964	3.0179	.16887	.00492	.00095	.19771	.00947	.01578
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.05884	-.0017	.21371	4150.0	-3.4113			
Stddev	.00289	.0001	.00378	37.8	2.4109			
%RSD	4.9102	5.229	1.7700	.91078	70.676			
#1	.06155	-.0016	.21807	4181.4	-2.0958			
#2	.05918	-.0017	.21159	4160.5	-1.9442			
#3	.05580	-.0018	.21146	4108.1	-6.1938			

Sample Name: S1 Acquired: 12/21/2018 12:35:30 Type: Cal
Method: P4-ICP2(v2678) 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	3421.6	46438.	4465.4	100.42	3914.7
Stddev	46.7	13.	9.8	2.12	21.9
%RSD	1.3646	.02859	.21922	2.1143	.55832
#1	3367.9	46450.	4461.3	99.223	3889.5
#2	3443.9	46439.	4458.3	99.173	3927.4
#3	3452.9	46424.	4476.5	102.88	3927.2

Sample Name: S2 Acquired: 12/21/2018 12:39:38 Type: Cal
Method: P4-ICP2(v2678) 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	.09172	.01588	.60187	.17407
Stddev	.00097	.00031	.00320	.00075
%RSD	1.0571	1.9523	.53193	.43347

#1	.09076	.01603	.60063	.17494
#2	.09270	.01552	.60551	.17360
#3	.09172	.01608	.59947	.17368

Int. Std.	Y_3710
Units	Cts/S
Avg	4480.1
Stddev	16.7
%RSD	.37197

#1	4462.0
#2	4494.9
#3	4483.4

Sample Name: S3 Acquired: 12/21/2018 12:43:36 Type: Cal
Method: P4-ICP2(v2678) 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	.13813	.37010	.46983	.16441	.34034	.03797	22.009	.11234
Stddev	.00092	.00178	.00229	.00155	.00211	.00013	.049	.00039
%RSD	.66941	.48057	.48763	.94025	.61947	.34503	.22437	.34510

#1	.13910	.37176	.47208	.16620	.34276	.03788	22.042	.11277
#2	.13726	.36822	.46750	.16355	.33937	.03792	22.031	.11201
#3	.13801	.37031	.46992	.16349	.33890	.03812	21.952	.11224

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	3.4927	.53924	.09614	1.2084	.41713	3.3741	1.5623	.09477
Stddev	.0193	.00112	.00030	.0069	.00279	.0670	.0057	.00019
%RSD	.55334	.20694	.31406	.57351	.66803	1.9857	.36642	.20197

#1	3.5099	.53940	.09648	1.2151	.42015	3.4505	1.5685	.09460
#2	3.4718	.53805	.09591	1.2013	.41466	3.3253	1.5611	.09473
#3	3.4962	.54026	.09603	1.2087	.41656	3.3466	1.5572	.09498

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	.72130	.16514	3.2705	.26631	76.782	1.1784	2.0841	.11493
Stddev	.00495	.00031	.0097	.00032	1.739	.0007	.0135	.00063
%RSD	.68655	.18871	.29498	.12079	2.2649	.05963	.64710	.54696

#1	.72631	.16550	3.2808	.26654	78.769	1.1776	2.0990	.11530
#2	.71640	.16494	3.2692	.26594	75.539	1.1785	2.0728	.11530
#3	.72120	.16498	3.2616	.26644	76.038	1.1790	2.0804	.11421

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	.11837	1.1353	.53683	.68814	4.3562	.2249	26.760	3885.3
Stddev	.00016	.0027	.00123	.00085	.0139	.0005	.058	28.3
%RSD	.13765	.23844	.22867	.12342	.31903	.2091	.21852	.72805

#1	.11839	1.1380	.53749	.68898	4.3665	.2251	26.818	3892.0
#2	.11820	1.1353	.53758	.68814	4.3618	.2253	26.701	3909.6
#3	.11852	1.1326	.53541	.68728	4.3404	.2244	26.762	3854.2

Sample Name: S3 Acquired: 12/21/2018 12:43:36 Type: Cal
 Method: P4-ICP2(v2678) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-19.869
Stddev	9.521
%RSD	47.918

#1	-27.478
#2	-22.936
#3	-9.1926

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.1	45258.	4436.5	97.637	3640.7
Stddev	23.7	143.	23.9	2.236	22.7
%RSD	.71417	.31614	.53853	2.2900	.62479

#1	3296.1	45094.	4410.0	95.082	3619.1
#2	3343.3	45322.	4443.2	99.239	3664.4
#3	3323.9	45358.	4456.4	98.589	3638.4

Sample Name: S4 Acquired: 12/21/2018 12:47:18 Type: Cal
Method: P4-ICP2(v2678) 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	.27653	.73860	.93878	.32821	.68107	.07650	43.459	.22658
Stddev	.00227	.00644	.01030	.00310	.00479	.00065	.135	.00164
%RSD	.82048	.87138	1.0977	.94353	.70286	.84551	.31108	.72525

#1	.27899	.74583	.94955	.33172	.68625	.07714	43.435	.22835
#2	.27609	.73650	.93777	.32707	.68014	.07652	43.338	.22626
#3	.27452	.73348	.92901	.32584	.67682	.07584	43.605	.22511

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.0717	1.0516	.19086	2.4451	.82045	6.7589	3.1067	.18582
Stddev	.0738	.0023	.00112	.0222	.00707	.0121	.0157	.00124
%RSD	1.0438	.22193	.58672	.90749	.86154	.17904	.50492	.66553

#1	7.1522	1.0525	.19203	2.4688	.82809	6.7517	3.1219	.18471
#2	7.0560	1.0534	.19074	2.4417	.81913	6.7521	3.1076	.18559
#3	7.0071	1.0490	.18980	2.4248	.81414	6.7729	3.0906	.18715

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	1.4442	.32656	6.4131	.53299	153.41	2.3378	4.1185	.22723
Stddev	.0146	.00134	.0121	.00332	.88	.0067	.0367	.00158
%RSD	1.0127	.41030	.18862	.62297	.57214	.28603	.89076	.69737

#1	1.4598	.32805	6.4103	.53633	154.01	2.3308	4.1594	.22838
#2	1.4422	.32620	6.4027	.53297	152.40	2.3385	4.1074	.22789
#3	1.4307	.32544	6.4264	.52969	153.82	2.3441	4.0886	.22542

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	.24182	2.2160	1.0697	1.3578	8.5859	.4627	52.499	3760.6
Stddev	.00223	.0097	.0109	.0036	.0170	.0053	.005	29.7
%RSD	.92345	.43831	1.0209	.26166	.19811	1.137	.00889	.79068

#1	.24413	2.2067	1.0819	1.3581	8.5809	.4684	52.503	3726.4
#2	.24167	2.2151	1.0662	1.3541	8.5720	.4616	52.494	3780.7
#3	.23967	2.2261	1.0609	1.3612	8.6049	.4580	52.500	3774.7

Sample Name: S4 Acquired: 12/21/2018 12:47:18 Type: Cal
Method: P4-ICP2(v2678) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-37.848
Stddev	6.380
%RSD	16.857

#1	-34.232
#2	-34.098
#3	-45.214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.4	44047.	4410.2	95.205	3481.2
Stddev	29.6	248.	6.0	.528	32.2
%RSD	.90957	.56310	.13670	.55470	.92524

#1	3216.9	43789.	4413.7	94.944	3445.7
#2	3261.4	44068.	4413.7	95.812	3489.3
#3	3272.8	44283.	4403.3	94.857	3508.5

Sample Name: S5 Acquired: 12/21/2018 12:50:59 Type: Cal
Method: P4-ICP2(v2678) 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	.57805	1.5166	1.9565	.68250	1.4238	.16040	86.465	.46821
Stddev	.00340	.0062	.0089	.00402	.0054	.00135	.287	.00209
%RSD	.58866	.40763	.45766	.58947	.38042	.84063	.33175	.44564
#1	.57431	1.5096	1.9462	.67793	1.4179	.15996	86.597	.46805
#2	.58096	1.5212	1.9619	.68551	1.4285	.16191	86.136	.47037
#3	.57888	1.5190	1.9615	.68407	1.4252	.15932	86.662	.46620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.850	2.1275	.39346	5.1504	1.6637	13.626	6.2587	.37229
Stddev	.069	.0106	.00251	.0285	.0063	.310	.0560	.00237
%RSD	.46642	.49920	.63667	.55309	.37594	2.2778	.89414	.63714
#1	14.771	2.1179	.39458	5.1180	1.6567	13.754	6.2309	.37098
#2	14.899	2.1256	.39522	5.1712	1.6687	13.272	6.3231	.37085
#3	14.881	2.1389	.39059	5.1621	1.6657	13.851	6.2221	.37502
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0123	.67445	12.979	1.0883	308.99	4.7689	8.3985	.45801
Stddev	.0145	.00580	.037	.0072	7.75	.0144	.0297	.00253
%RSD	.48172	.86069	.28579	.66325	2.5067	.30190	.35312	.55337
#1	2.9958	.67719	12.958	1.0893	312.99	4.7538	8.3648	.45514
#2	3.0229	.67837	12.956	1.0949	300.06	4.7704	8.4204	.45893
#3	3.0182	.66778	13.022	1.0806	313.91	4.7825	8.4104	.45996
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	.52156	4.4602	2.2268	2.7190	17.429	.9973	105.25	3484.6
Stddev	.00219	.0314	.0104	.0149	.061	.0037	1.08	59.9
%RSD	.42067	.70513	.46742	.54641	.35103	.3711	1.0217	1.7196
#1	.51924	4.4686	2.2163	2.7160	17.375	.9935	104.51	3454.8
#2	.52360	4.4254	2.2371	2.7059	17.415	1.001	104.75	3445.3
#3	.52184	4.4867	2.2270	2.7352	17.495	.9977	106.48	3553.5

Sample Name: S5 Acquired: 12/21/2018 12:50:59 Type: Cal
 Method: P4-ICP2(v2678) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-87.564
Stddev	9.574
%RSD	10.934

#1	-96.731
#2	-77.629
#3	-88.332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3129.4	42397.	4390.1	93.547	3254.1
Stddev	7.5	324.	14.7	2.403	10.6
%RSD	.24049	.76519	.33389	2.5683	.32546

#1	3136.0	42350.	4392.7	92.028	3263.4
#2	3121.2	42100.	4403.3	96.317	3242.5
#3	3130.9	42743.	4374.3	92.296	3256.3

Sample Name: ICV01 Acquired: 12/21/2018 12:55:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99577	1.0371	.99252	.99389	.98209	2.6420	.53778	.50895
Stddev	.01303	.0127	.00998	.01368	.00953	.0276	.00209	.00256
%RSD	1.3090	1.2252	1.0054	1.3760	.97040	1.0434	.38882	.50304
#1	1.0083	1.0431	1.0013	1.0081	.99092	2.6154	.53982	.51190
#2	.98230	1.0225	.98167	.98087	.97199	2.6705	.53564	.50731
#3	.99668	1.0456	.99460	.99266	.98337	2.6401	.53787	.50765
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48391	10.873	.49673	.50030	.49500	5.1841	.51765	6.2962
Stddev	.00636	.021	.00309	.00592	.00551	.0432	.00225	.0199
%RSD	1.3137	.19290	.62160	1.1825	1.1124	.83316	.43386	.31690
#1	.48876	10.885	.49989	.50498	.49971	5.1359	.52013	6.2732
#2	.47671	10.885	.49372	.49365	.48895	5.2194	.51575	6.3074
#3	.48625	10.849	.49658	.50228	.49635	5.1969	.51707	6.3081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50089	.52555	10.432	.51900	1.0086	10.519	2.4409	2.5780
Stddev	.00566	.00155	.052	.00117	.0176	.039	.0274	.0118
%RSD	1.1296	.29462	.49391	.22583	1.7404	.36938	1.1226	.45735
#1	.50564	.52691	10.488	.52007	1.0280	10.491	2.4661	2.5663
#2	.49463	.52386	10.387	.51774	.99391	10.563	2.4117	2.5898
#3	.50240	.52587	10.421	.51918	1.0039	10.502	2.4449	2.5779
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00537	2.4544	2.3423	2.5757	F .00030	F -.0049	F .00680	F 1.8047
Stddev	.00132	.0194	.0286	.0080	.00179	.0011	.00008	.1186
%RSD	24.503	.78977	1.2201	.31056	603.98	22.21	1.1568	6.5707
#1	.00677	2.4756	2.3652	2.5677	.00038	-.0048	.00687	1.9241
#2	.00416	2.4376	2.3103	2.5837	.00204	-.0060	.00683	1.6869
#3	.00517	2.4500	2.3515	2.5758	-.00154	-.0038	.00672	1.8030

Sample Name: ICV01 Acquired: 12/21/2018 12:55:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1967
Stddev	.6843
%RSD	57.187

#1	.60865
#2	1.0336
#3	1.9479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.5	45244.	4486.0	99.649	3707.2
Stddev	9.1	203.	49.7	.826	11.0
%RSD	.27584	.44798	1.1070	.82852	.29746

#1	3305.5	45051.	4428.7	98.697	3706.3
#2	3317.5	45225.	4515.2	100.10	3718.6
#3	3299.5	45455.	4514.2	100.15	3696.6

Sample Name: LLICV01 Acquired: 12/21/2018 13:10:10 Type: Unk
Method: P4-ICP2(v2678) 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	.01861	.04745	.01255	.02208	.05674	.10757	.11350	.00653
Stddev	.00116	.00024	.00066	.00048	.00074	.00280	.00156	.00004
%RSD	6.2497	.51100	5.2332	2.1520	1.2975	2.6050	1.3751	.53754
#1	.01738	.04742	.01188	.02240	.05751	.10602	.11440	.00650
#2	.01876	.04770	.01257	.02154	.05605	.10588	.11440	.00657
#3	.01970	.04722	.01319	.02231	.05666	.11080	.11170	.00652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.2040	.01092	.03434	.02084	.10517	.02146	2.3280
Stddev	.00006	.0250	.00022	.00014	.00032	.00729	.00015	.0214
%RSD	.93104	1.1358	2.0072	.41398	1.5525	6.9349	.71822	.91785
#1	.00608	2.2302	.01076	.03428	.02112	.09962	.02129	2.3042
#2	.00602	2.2014	.01117	.03450	.02049	.11343	.02151	2.3455
#3	.00613	2.1803	.01083	.03423	.02092	.10246	.02158	2.3343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04475	.01113	2.1558	.04583	.04241	2.1231	.21028	.10890
Stddev	.00052	.00007	.0178	.00077	.00081	.0170	.00051	.00628
%RSD	1.1668	.62012	.82576	1.6760	1.9024	.79897	.24192	5.7676
#1	.04424	.01108	2.1581	.04518	.04281	2.1093	.21056	.10827
#2	.04528	.01110	2.1724	.04563	.04295	2.1179	.21058	.11548
#3	.04473	.01121	2.1370	.04668	.04149	2.1420	.20969	.10296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01539	.40663	.04191	.04365	.01999	.0207	.02156	F 1.3813
Stddev	.00065	.00200	.00039	.00085	.00057	.0011	.00014	.1181
%RSD	4.2483	.49113	.92376	1.9511	2.8473	5.182	.66042	8.5504
#1	.01464	.40766	.04162	.04446	.02052	.0217	.02167	1.2641
#2	.01584	.40791	.04177	.04276	.02005	.0207	.02161	1.5003
#3	.01568	.40433	.04235	.04372	.01939	.0196	.02140	1.3795

Sample Name: LLICV01 Acquired: 12/21/2018 13:10:10 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .53783
Stddev	.12540
%RSD	23.316

#1	.39539
#2	.58649
#3	.63161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.2	45434.	4495.9	99.966	3863.3
Stddev	13.2	82.	53.5	1.655	14.9
%RSD	.39761	.17977	1.1903	1.6554	.38443

#1	3314.1	45525.	4447.7	99.259	3847.0
#2	3330.0	45368.	4486.5	98.782	3867.1
#3	3340.4	45407.	4553.5	101.86	3875.9

Sample Name: ICB01 Acquired: 12/21/2018 13:14:17 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00041	.00034	-.00327	.00052	-.00474	-.00110	-.00002
Stddev	.00048	.00102	.00037	.00189	.00103	.00756	.00027	.00003
%RSD	79.946	250.20	107.93	57.899	196.66	159.52	24.435	197.42
#1	-.00102	.00158	-.00006	-.00518	-.00063	.00367	-.00090	.00002
#2	-.00008	-.00030	.00066	-.00324	.00133	-.00692	-.00140	-.00003
#3	-.00070	-.00006	.00043	-.00139	.00087	-.01096	-.00099	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00352	-.00018	.00004	-.00027	.00879	-.00005	-.02283
Stddev	.00002	.00371	.00013	.00017	.00023	.00084	.00001	.02697
%RSD	94.896	105.53	74.944	438.83	87.917	9.5492	22.705	118.14
#1	.00003	-.00432	-.00033	-.00003	-.00053	.00897	-.00004	-.00600
#2	.00004	.00053	-.00008	-.00008	-.00018	.00787	-.00006	-.05394
#3	-.00000	-.00676	-.00013	.00023	-.00009	.00952	-.00005	-.00855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00027	-.06338	.00009	-.00046	-.00698	-.00001	.00220
Stddev	.00020	.00043	.01383	.00026	.00016	.00997	.00009	.00526
%RSD	234.41	160.35	21.820	279.45	35.455	142.84	1302.6	238.80
#1	.00000	.00053	-.07276	-.00003	-.00028	-.01802	.00003	.00280
#2	.00006	-.00023	-.06989	.00039	-.00060	-.00433	.00006	-.00333
#3	-.00032	.00051	-.04750	-.00008	-.00050	.00140	-.00011	.00714
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00553	-.00019	-.00035	-.00030	-.00147	.0015	-.00009	F 1.3482
Stddev	.00101	.00072	.00011	.00075	.00041	.0008	.00005	.0802
%RSD	18.211	375.24	30.272	249.48	27.944	58.38	60.747	5.9499
#1	-.00456	-.00068	-.00023	.00057	-.00103	.0018	-.00014	1.4349
#2	-.00546	-.00053	-.00041	-.00070	-.00152	.0021	-.00003	1.3328
#3	-.00657	.00064	-.00042	-.00077	-.00185	.0005	-.00010	1.2767

Sample Name: ICB01 Acquired: 12/21/2018 13:14:17 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .19359
Stddev	.28509
%RSD	147.26

#1	-.02547
#2	.09032
#3	.51592

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.6	45585.	4487.1	99.252	3878.4
Stddev	10.2	142.	18.5	.629	3.1
%RSD	.30577	.31127	.41204	.63416	.07882

#1	3317.9	45497.	4486.2	98.809	3879.6
#2	3315.7	45749.	4506.0	99.973	3874.9
#3	3334.3	45510.	4469.1	98.975	3880.6

Sample Name: CRI01 Acquired: 12/21/2018 13:18:26 Type: Unk
Method: P4-ICP2(v2678) 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	.02151	.04955	.01353	.02163	.06122	.12124	.11800	.00687
Stddev	.00065	.00125	.00078	.00064	.00007	.01303	.00069	.00006
%RSD	3.0122	2.5328	5.7950	2.9804	.12215	10.745	.58872	.91459
#1	.02131	.04940	.01429	.02159	.06114	.13086	.11877	.00685
#2	.02099	.04837	.01273	.02229	.06128	.12644	.11741	.00682
#3	.02224	.05087	.01358	.02101	.06124	.10641	.11782	.00694
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	2.2915	.01130	.03603	.02187	.11215	.02254	2.3834
Stddev	.00004	.0191	.00042	.00008	.00031	.00631	.00008	.0197
%RSD	.60307	.83219	3.6737	.23457	1.4220	5.6276	.37411	.82586
#1	.00642	2.3085	.01111	.03598	.02190	.11472	.02245	2.3841
#2	.00635	2.2951	.01178	.03613	.02217	.10496	.02262	2.3633
#3	.00642	2.2708	.01102	.03598	.02155	.11677	.02256	2.4027
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04678	.01150	2.2469	.04822	.04411	2.2129	.21881	.11503
Stddev	.00040	.00021	.0047	.00044	.00116	.0188	.00093	.00999
%RSD	.85693	1.8216	.21064	.90853	2.6403	.85205	.42584	8.6842
#1	.04697	.01158	2.2520	.04777	.04542	2.2156	.21883	.12446
#2	.04632	.01166	2.2458	.04826	.04371	2.1928	.21787	.10456
#3	.04705	.01126	2.2428	.04864	.04320	2.2302	.21973	.11608
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03501	.42336	.04400	.04677	.01952	.0229	.02250	F 1.6036
Stddev	.00164	.00295	.00072	.00096	.00064	.0009	.00008	.1787
%RSD	4.6868	.69751	1.6324	2.0555	3.2541	3.844	.35927	11.141
#1	.03418	.42462	.04374	.04622	.02024	.0224	.02258	1.6969
#2	.03690	.42547	.04345	.04788	.01926	.0225	.02248	1.3976
#3	.03395	.41998	.04481	.04621	.01905	.0239	.02242	1.7163

Sample Name: CRI01 Acquired: 12/21/2018 13:18:26 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .05208
Stddev	.31696
%RSD	608.59

#1	.39527
#2	-.00938
#3	-.22964

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.9	45268.	4484.3	100.39	3843.8
Stddev	11.1	158.	30.7	2.70	14.3
%RSD	.33652	.34971	.68453	2.6855	.37082

#1	3309.1	45138.	4455.0	97.305	3841.6
#2	3325.4	45444.	4481.8	101.60	3859.0
#3	3304.2	45221.	4516.2	102.28	3830.7

Sample Name: ICSA01 Acquired: 12/21/2018 13:22:33 Type: Unk
Method: P4-ICP2(v2678) 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	-.00023	-.00871	-.00783	-.00462	.00304	285.78	.00490	.00030
Stddev	.00346	.00216	.00231	.00213	.00375	1.06	.00080	.00010
%RSD	1537.1	24.751	29.451	46.032	123.34	.36994	16.365	32.204
#1	-.00091	-.00642	-.00648	-.00681	.00515	286.03	.00429	.00039
#2	.00353	-.00902	-.00652	-.00450	.00526	286.69	.00581	.00031
#3	-.00329	-.01070	-.01050	-.00256	-.00129	284.62	.00460	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	255.05	.05721	-.00052	.00063	100.87	.01321	264.80
Stddev	.00020	2.67	.00003	.00018	.00038	1.10	.00023	2.41
%RSD	12.405	1.0487	.05179	33.625	59.842	1.0891	1.7374	.91156
#1	-.00140	255.21	.05724	-.00034	.00087	99.953	.01347	264.99
#2	-.00178	257.65	.05721	-.00052	.00020	102.09	.01302	267.12
#3	-.00155	252.31	.05718	-.00069	.00082	100.57	.01316	262.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00593	-.00141	-.00810	.00148	.00134	.01602	-.00028	-.01023
Stddev	.00062	.00014	.00624	.00033	.00011	.02240	.00004	.00829
%RSD	10.389	10.033	76.995	22.556	8.3794	139.88	13.790	81.057
#1	-.00606	-.00136	-.01528	.00152	.00131	.04114	-.00032	-.01668
#2	-.00526	-.00158	-.00507	.00113	.00146	-.00188	-.00028	-.00088
#3	-.00647	-.00131	-.00396	.00180	.00124	.00879	-.00024	-.01313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00211	.00509	-.00508	.00202	.0025	-.00454	F 4.4042
Stddev	.00177	.00043	.00073	.00203	.00074	.0011	.00111	.0875
%RSD	423.31	20.444	14.391	39.873	36.386	43.26	24.418	1.9857
#1	-.00159	-.00194	.00533	-.00385	.00139	.0012	-.00327	4.4248
#2	.00175	-.00260	.00567	-.00398	.00185	.0031	-.00532	4.4795
#3	.00110	-.00179	.00427	-.00742	.00283	.0030	-.00504	4.3082

Sample Name: ICSA01 Acquired: 12/21/2018 13:22:33 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 14.674
Stddev	.484
%RSD	3.2954

#1	14.148
#2	14.774
#3	15.100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.1	39491.	4285.7	89.804	3041.3
Stddev	14.4	219.	42.4	1.128	19.9
%RSD	.49399	.55577	.98999	1.2563	.65564

#1	2918.2	39423.	4278.1	90.559	3031.8
#2	2938.1	39314.	4247.7	88.507	3064.2
#3	2910.1	39737.	4331.5	90.346	3027.9

Sample Name: ICSAB01 Acquired: 12/21/2018 13:26:45 Type: Unk
Method: P4-ICP2(v2678) 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	.10890	.09945	.04668	.05103	.67262	272.86	.57138
Stddev	.00032	.00022	.00117	.00529	.00404	1.65	.00371
%RSD	.29498	.21656	2.5039	10.366	.60011	.60387	.64993

#1	.10905	.09930	.04737	.04720	.67559	274.09	.56730
#2	.10912	.09936	.04735	.04883	.66802	270.99	.57456
#3	.10853	.09970	.04533	.05707	.67424	273.51	.57229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58642	1.0659	246.59	.60068	.54046	.53918	96.640
Stddev	.00144	.0028	2.04	.00325	.00145	.00234	2.669
%RSD	.24577	.26303	.82535	.54073	.26751	.43372	2.7615

#1	.58618	1.0689	244.26	.60276	.54040	.54134	94.516
#2	.58511	1.0635	248.00	.59694	.53904	.53669	95.769
#3	.58796	1.0652	247.51	.60235	.54193	.53950	99.636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56184	256.02	1.0520	.22738	.01587	.54371	1.0723
Stddev	.00177	2.82	.0017	.00144	.01125	.00082	.0275
%RSD	.31575	1.1001	.16006	.63237	70.878	.15167	2.5641

#1	.56197	252.79	1.0534	.22683	.00356	.54445	1.0476
#2	.56000	257.91	1.0501	.22629	.01844	.54282	1.0673
#3	.56354	257.37	1.0524	.22901	.02562	.54386	1.1019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	F 1.1036	F 1.0847	.00364	F 1.0027	F 1.0983	F 1.1049
Stddev	.01661	.0049	.0178	.00872	.0120	.0021	.0070
%RSD	69301.	.44369	1.6442	239.27	1.1920	.19121	.63074

#1	.00680	1.1089	1.0918	-.00642	.98887	1.0977	1.0969
#2	.01208	1.0992	1.0645	.00885	1.0094	1.0965	1.1080
#3	-.01895	1.1028	1.0980	.00850	1.0098	1.1006	1.1098

Sample Name: ICSAB01 Acquired: 12/21/2018 13:26:45 Type: Unk
 Method: P4-ICP2(v2678) 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	.00254	F -.0033	F -.00370	F 4.5372	F 15.270
Stddev	.00138	.0011	.00280	.1341	.732
%RSD	54.480	34.36	75.851	2.9553	4.7952
#1	.00364	-.0040	-.00159	4.6768	15.856
#2	.00298	-.0020	-.00262	4.4095	14.449
#3	.00099	-.0040	-.00688	4.5252	15.504
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.5	39692.	4258.1	89.767	3044.0
Stddev	17.8	147.	35.8	2.148	13.6
%RSD	.60789	.37043	.84023	2.3931	.44730
#1	2902.2	39548.	4297.2	91.701	3029.1
#2	2935.1	39842.	4227.0	90.146	3055.7
#3	2930.3	39685.	4250.1	87.455	3047.2

Sample Name: CCV01 Acquired: 12/21/2018 13:30:43 Type: Unk
Method: P4-ICP2(v2678) 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	5.0888	5.0430	5.0099	5.0586	5.1348	10.133	10.277	.25275
Stddev	.0124	.0171	.0096	.0095	.0096	.046	.029	.00059
%RSD	.24282	.33920	.19207	.18737	.18650	.45156	.28212	.23360
#1	5.1021	5.0619	5.0203	5.0682	5.1386	10.089	10.305	.25315
#2	5.0865	5.0285	5.0013	5.0493	5.1239	10.181	10.278	.25302
#3	5.0777	5.0387	5.0081	5.0582	5.1419	10.128	10.247	.25207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5125	25.456	1.0084	2.5237	1.2872	4.9574	2.5639	24.913
Stddev	.0069	.184	.0043	.0094	.0018	.0447	.0031	.103
%RSD	.27321	.72110	.42566	.37316	.13594	.90235	.12027	.41185
#1	2.5194	25.559	1.0110	2.5301	1.2892	4.9129	2.5662	25.027
#2	2.5057	25.565	1.0108	2.5128	1.2861	5.0024	2.5652	24.830
#3	2.5125	25.244	1.0035	2.5280	1.2863	4.9570	2.5604	24.881
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5004	1.2358	24.857	2.4686	2.5199	24.570	5.0486	5.0180
Stddev	.0069	.0062	.065	.0040	.0175	.028	.0131	.0140
%RSD	.27554	.50507	.26246	.16231	.69316	.11193	.26017	.27812
#1	2.5064	1.2399	24.932	2.4671	2.5341	24.567	5.0637	5.0149
#2	2.4928	1.2388	24.823	2.4732	2.5253	24.599	5.0395	5.0332
#3	2.5019	1.2286	24.816	2.4656	2.5004	24.545	5.0427	5.0058
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8920	4.9172	4.9456	5.0861	5.0517	4.969	5.1768	F 3.5507
Stddev	.0104	.0344	.0151	.0098	.0163	.026	.0297	.2022
%RSD	.21331	.70013	.30460	.19370	.32228	.5184	.57397	5.6947
#1	4.9034	4.9521	4.9622	5.0936	5.0659	4.996	5.1988	3.7712
#2	4.8829	4.9162	4.9328	5.0750	5.0552	4.945	5.1885	3.5067
#3	4.8896	4.8832	4.9419	5.0899	5.0339	4.965	5.1430	3.3741

Sample Name: CCV01 Acquired: 12/21/2018 13:30:43 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3529
Stddev .2317
%RSD 9.8491

#1 2.1617
#2 2.6107
#3 2.2864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.6	42995.	4361.5	94.653	3382.3
Stddev	7.6	107.	32.5	.785	10.5
%RSD	.24289	.24864	.74434	.82938	.31109

#1	3124.0	42884.	4326.0	94.042	3370.5
#2	3135.3	43005.	4368.7	94.377	3390.6
#3	3138.5	43097.	4389.7	95.538	3385.7

Sample Name: LCCV01 Acquired: 12/21/2018 13:34:23 Type: Unk
Method: P4-ICP2(v2678) 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	.02014	.04565	.01232	.01987	.05448	.11400	.11544	.00661
Stddev	.00386	.00419	.00062	.00217	.00591	.00643	.00273	.00013
%RSD	19.183	9.1807	5.0545	10.939	10.848	5.6395	2.3689	2.0422
#1	.02275	.04829	.01201	.02233	.05747	.10778	.11483	.00669
#2	.02196	.04784	.01191	.01910	.05830	.11361	.11307	.00645
#3	.01570	.04082	.01304	.01819	.04767	.12062	.11843	.00669
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	2.2423	.01085	.03269	.01935	.11740	.02168	2.2317
Stddev	.00054	.0103	.00021	.00287	.00239	.00648	.00012	.0246
%RSD	9.0834	.45959	1.9459	8.7653	12.366	5.5212	.53356	1.1005
#1	.00616	2.2363	.01066	.03434	.02080	.11204	.02180	2.2068
#2	.00627	2.2542	.01083	.03435	.02067	.11555	.02156	2.2559
#3	.00529	2.2364	.01108	.02938	.01659	.12460	.02167	2.2324
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04191	.01139	2.1497	.04578	.03580	2.1025	.19899	F .12011
Stddev	.00576	.00032	.0101	.00074	.00666	.0330	.01905	.00797
%RSD	13.737	2.8450	.46892	1.6250	18.601	1.5685	9.5734	6.6335
#1	.04524	.01111	2.1575	.04664	.04045	2.0959	.21028	.11856
#2	.04523	.01130	2.1384	.04539	.03878	2.1384	.20970	.12874
#3	.03526	.01174	2.1534	.04531	.02817	2.0734	.17700	.11304
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01393	.41296	.04013	.04182	.02012	.0214	.02194	F 1.9181
Stddev	.00275	.00618	.00272	.00077	.00114	.0028	.00048	.1339
%RSD	19.701	1.4955	6.7657	1.8520	5.6490	12.86	2.2078	6.9804
#1	.01548	.42004	.04195	.04242	.02120	.0222	.02169	1.8302
#2	.01556	.41020	.04143	.04095	.01893	.0237	.02163	1.8520
#3	.01077	.40865	.03701	.04209	.02024	.0183	.02250	2.0722

Sample Name: LCCV01 Acquired: 12/21/2018 13:34:23 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .11705
Stddev .61588
%RSD 526.17

#1 .69785
#2 .18205
#3 -.52876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.1	45022.	4449.2	98.397	3657.5
Stddev	240.7	176.	60.6	2.000	267.0
%RSD	7.6662	.39059	1.3619	2.0328	7.3010

#1	3281.8	45024.	4391.3	96.095	3815.7
#2	3274.2	45197.	4444.2	99.380	3807.5
#3	2861.2	44845.	4512.2	99.716	3349.2

Sample Name: CCB01 Acquired: 12/21/2018 13:38:33 Type: Unk
Method: P4-ICP2(v2678) 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	-.00087	.00331	-.00494	.00068	-.00157	.00216	-.00569
Stddev	.00080	.00056	.00041	.00015	.00120	.00069	.00178
%RSD	91.800	16.786	8.2762	22.686	75.965	31.852	31.286

#1	.00005	.00392	-.00467	.00085	-.00028	.00251	-.00607
#2	-.00131	.00321	-.00474	.00066	-.00181	.00260	-.00726
#3	-.00134	.00282	-.00541	.00054	-.00264	.00137	-.00375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00026	.05097	.00017	.00048	-.00030	.00607
Stddev	.00031	.00007	.02953	.00063	.00069	.00037	.00498
%RSD	165.89	28.221	57.937	376.00	143.44	123.01	82.027

#1	.00008	.00034	.04928	.00002	.00124	.00009	.00448
#2	-.00006	.00026	.02232	-.00038	.00032	-.00036	.00208
#3	.00053	.00019	.08131	.00086	-.00011	-.00064	.01164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.06453	.00632	.00066	-.10602	.00184	.00001
Stddev	.00093	.04424	.00059	.00049	.03412	.00201	.00083
%RSD	164.34	68.552	9.3934	74.384	32.179	108.88	7518.4

#1	.00023	.05730	.00698	.00037	-.11187	.00116	.00090
#2	-.00015	.02436	.00613	.00038	-.13683	.00027	-.00014
#3	.00162	.11194	.00584	.00122	-.06936	.00411	-.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17849	.00340	.00204	-.00684	-.00887	-.00212	.00127
Stddev	.01498	.00377	.00047	.00022	.02613	.00100	.00083
%RSD	8.3941	110.77	22.748	3.1870	294.55	47.041	65.189

#1	.18918	.00757	.00153	-.00660	-.01912	-.00105	.00095
#2	.16137	.00240	.00218	-.00689	-.02833	-.00228	.00066
#3	.18494	.00023	.00243	-.00703	.02083	-.00302	.00222

Sample Name: CCB01 Acquired: 12/21/2018 13:38:33 Type: Unk
 Method: P4-ICP2(v2678) 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	-.00885	-.0008	.00053	^ *****	F<.00000
Stddev	.00089	.0002	.00020	-----	.24488
%RSD	10.051	22.15	37.425	-----	27.705
#1	-.00899	-.0006	.00047	^ -----	-1.1615
#2	-.00967	-.0010	.00036	^ -----	-.79187
#3	-.00790	-.0009	.00075	^ -----	-.69838
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13252.	202690.	11987.	282.06	16105.
Stddev	1287.	67468.	817.	18.33	1634.
%RSD	9.7089	33.287	6.8163	6.4980	10.148
#1	11812.	162150.	12029.	283.05	14289.
#2	13656.	280570.	12783.	299.87	16569.
#3	14288.	165340.	11150.	263.26	17457.

Sample Name: LR CHECK1 Acquired: 12/21/2018 13:52:14 Type: Unk
Method: P4-ICP2(v2678) 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	-.03534	-.10389	-.10209	-.11587	.05840	F 2050.4	.00213
Stddev	.00855	.00383	.00859	.01120	.00796	14.1	.00033
%RSD	24.210	3.6820	8.4096	9.6622	13.629	.68743	15.473

#1	-.02766	-.10118	-.11195	-.10359	.06522	2052.5	.00196
#2	-.04456	-.10827	-.09799	-.11852	.04965	2035.4	.00251
#3	-.03378	-.10223	-.09631	-.12551	.06032	2063.3	.00192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.02153	F 1834.5	.02215	.04421	-.20879	F 935.84
Stddev	.00017	.00487	19.5	.00172	.00016	.01505	37.86
%RSD	4.1598	22.644	1.0642	7.7465	.36039	7.2104	4.0454

#1	.00400	.01599	1840.3	.02032	.04403	-.22593	979.19
#2	.00413	.02344	1850.3	.02241	.04434	-.20273	919.02
#3	.00380	.02516	1812.7	.02373	.04425	-.19770	909.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01731	F 1887.4	.05845	-.02675	F 1884.4	.00536	.10845
Stddev	.00021	12.4	.00148	.00454	51.0	.00018	.00503
%RSD	1.2162	.65583	2.5337	16.989	2.7077	3.3252	4.6351

#1	.01755	1895.1	.05839	-.02164	1935.2	.00549	.11422
#2	.01722	1893.9	.05700	-.02828	1884.8	.00543	.10612
#3	.01715	1873.1	.05996	-.03034	1833.1	.00515	.10502

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1042.7	.00383	-.23889	.42842	.00807	.03867	-.05567
Stddev	13.9	.00078	.05408	.01174	.00373	.00385	.00081
%RSD	1.3321	20.490	22.637	2.7414	46.263	9.9467	1.4532

#1	1056.5	.00374	-.17668	.44017	.01026	.03601	-.05569
#2	1042.9	.00309	-.27459	.41668	.00376	.03691	-.05647
#3	1028.8	.00465	-.26541	.42841	.01020	.04308	-.05485

Sample Name: LR CHECK1 Acquired: 12/21/2018 13:52:14 Type: Unk
Method: P4-ICP2(v2678) 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	.05015	.0437	F -1.0120	5.1135	^ *****
Stddev	.00175	.0008	.0415	.1050	-----
%RSD	3.4972	1.932	4.1040	2.0526	-----

#1	.04832	.0434	-1.0595	5.1963	^ -----
#2	.05181	.0430	-.99354	4.9954	^ -----
#3	.05032	.0446	-.98287	5.1487	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.2	29978.	3800.2	73.105	1918.0
Stddev	7.0	60.	29.1	2.997	6.6
%RSD	.32291	.20058	.76469	4.0998	.34240

#1	2163.7	29912.	3781.5	69.696	1921.8
#2	2154.6	30028.	3785.5	74.297	1910.5
#3	2168.4	29996.	3833.7	75.324	1921.8

Sample Name: LR CHECK2 Acquired: 12/21/2018 13:56:52 Type: Unk
Method: P4-ICP2(v2678) 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	.00067	-.01560	F 261.12	.01921	-.03583	-.28948	F 101.68	-.00145
Stddev	.00217	.00053	1.19	.00353	.00159	.00458	.34	.00004
%RSD	326.56	3.4281	.45566	18.371	4.4423	1.5807	.32959	2.6179
#1	.00003	-.01512	262.35	.02231	-.03432	-.29143	101.52	-.00148
#2	.00309	-.01618	259.98	.01537	-.03568	-.28426	102.06	-.00146
#3	-.00112	-.01551	261.04	.01995	-.03749	-.29277	101.45	-.00141
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00735	.26273	-.14276	-.00321	F 271.09	-.87172	44.706	-.11686
Stddev	.00006	.01779	.00064	.00024	1.49	.00774	.248	.01855
%RSD	.82158	6.7698	.45051	7.4984	.54948	.88836	.55553	15.872
#1	-.00730	.27253	-.14332	-.00300	270.86	-.86464	44.451	-.10997
#2	-.00741	.24220	-.14206	-.00315	272.69	-.87053	44.721	-.10274
#3	-.00733	.27347	-.14290	-.00347	269.74	-.87999	44.947	-.13786
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.447	.00899	2.1281	-.00437	F 36.660	1.4860	-.00262	-.00681
Stddev	.235	.00035	.4728	.00029	.288	.2419	.00043	.00725
%RSD	.45684	3.8587	22.218	6.6992	.78481	16.275	16.507	106.42
#1	51.693	.00876	2.6516	-.00438	36.981	1.7539	-.00235	-.00052
#2	51.224	.00882	2.0006	-.00466	36.424	1.4203	-.00238	-.00518
#3	51.424	.00939	1.7321	-.00407	36.577	1.2838	-.00311	-.01474
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06057	-.00713	.00057	.02195	.00132	F -3.531	.00308	3.1100
Stddev	.00672	.00171	.00033	.00048	.00075	.009	.00004	.2618
%RSD	11.096	24.003	58.727	2.1867	56.682	.2664	1.3437	8.4187
#1	.06814	-.00700	.00075	.02148	.00052	-3.526	.00307	2.8342
#2	.05829	-.00890	.00077	.02193	.00199	-3.541	.00305	3.1407
#3	.05529	-.00549	.00018	.02244	.00144	-3.525	.00313	3.3551

Sample Name: LR CHECK2 Acquired: 12/21/2018 13:56:52 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .60662
 Stddev .07472
 %RSD 12.318

#1 .52461
 #2 .67085
 #3 .62441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.5	43957.	4492.8	95.692	3438.0
Stddev	16.3	292.	16.7	.730	12.8
%RSD	.54442	.66482	.37178	.76274	.37101

#1	2985.9	44265.	4482.9	94.930	3431.1
#2	3017.0	43923.	4483.4	95.764	3452.7
#3	2992.7	43683.	4512.1	96.384	3430.1

Sample Name: J6459-01 Acquired: 12/21/2018 14:01:35 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	.00010	.02337	-.00132	-.00127	.01481	.01072	-.00001
Stddev	.00042	.00052	.00208	.00178	.00057	.00335	.00071	.00000
%RSD	18.172	504.55	8.9057	135.52	44.848	22.625	6.5762	18.724

#1	-.00280	-.00001	.02521	-.00337	-.00112	.01100	.01113	-.00001
#2	-.00208	.00068	.02381	-.00013	-.00080	.01617	.01113	-.00001
#3	-.00207	-.00035	.02111	-.00045	-.00191	.01728	.00991	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.91319	.00095	.00033	.02096	.01680	.00556	.15001
Stddev	.00006	.00443	.00007	.00004	.00016	.01016	.00008	.02571
%RSD	332.12	.48543	7.6139	11.705	.78231	60.466	1.4121	17.138

#1	.00003	.91188	.00089	.00030	.02114	.02823	.00563	.14074
#2	.00008	.91812	.00103	.00032	.02083	.01332	.00557	.17907
#3	-.00005	.90955	.00094	.00037	.02090	.00883	.00548	.13022

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	.00009	1.6875	.00004	.23197	.25347	.00038	.00445
Stddev	.00032	.00014	.0133	.00021	.00273	.00088	.00014	.00192
%RSD	5.4468	155.36	.78983	541.01	1.1768	.34721	36.547	43.217

#1	.00599	-.00004	1.6978	-.00001	.23381	.25365	.00052	.00551
#2	.00547	.00007	1.6923	-.00014	.23328	.25425	.00024	.00560
#3	.00605	.00024	1.6725	.00027	.22884	.25252	.00038	.00223

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47296	.22474	-.00169	.00022	-.00598	.0149	.00852	1.2236
Stddev	.00564	.00285	.00047	.00079	.00103	.0008	.00011	.1698
%RSD	1.1922	1.2659	27.638	368.16	17.235	5.691	1.2627	13.879

#1	.46648	.22565	-.00142	.00082	-.00686	.0152	.00843	1.3158
#2	.47680	.22702	-.00142	-.00069	-.00485	.0155	.00864	1.3272
#3	.47559	.22155	-.00223	.00051	-.00624	.0139	.00848	1.0276

Sample Name: J6459-01 Acquired: 12/21/2018 14:01:35 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .12277
%RSD 61.028

#1 -.19873
#2 -.07964
#3 -.32514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.7	46419.	4652.5	104.67	3943.3
Stddev	2.9	96.	29.1	1.16	4.4
%RSD	.08619	.20733	.62487	1.1119	.11208

#1	3324.9	46439.	4633.3	103.86	3948.4
#2	3321.0	46503.	4638.2	104.14	3941.0
#3	3319.3	46314.	4685.9	106.00	3940.6

Sample Name: J6460-01 Acquired: 12/21/2018 14:05:43 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00018	.08079	-.00237	-.00045	.04513	-.00054	-.00005
Stddev	.00111	.00064	.00094	.00060	.00120	.00659	.00005	.00005
%RSD	263.51	349.45	1.1670	25.211	263.59	14.607	10.109	85.770

#1	-.00027	.00052	.08073	-.00217	-.00078	.04728	-.00053	-.00010
#2	-.00160	-.00075	.07988	-.00189	.00087	.05038	-.00048	-.00003
#3	.00060	-.00032	.08177	-.00304	-.00145	.03773	-.00059	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.16298	.00186	-.00004	.00516	.02527	.00151	.02169
Stddev	.00002	.01397	.00023	.00014	.00015	.00884	.00001	.03809
%RSD	17.801	8.5703	12.312	345.59	2.9142	34.989	.33416	175.62

#1	.00010	.16090	.00163	.00009	.00507	.03011	.00151	.05438
#2	.00011	.17788	.00208	-.00020	.00508	.03063	.00151	-.02014
#3	.00014	.15018	.00187	-.00002	.00534	.01506	.00152	.03084

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	.00021	.03581	-.00022	.04768	.10694	.00012	-.00194
Stddev	.00008	.00039	.00217	.00043	.00129	.03813	.00032	.00641
%RSD	3.5632	181.65	6.0721	194.73	2.6988	35.653	268.09	330.19

#1	.00228	.00018	.03802	-.00016	.04915	.06463	.00022	-.00913
#2	.00223	-.00016	.03573	.00017	.04674	.13864	-.00024	.00319
#3	.00239	.00061	.03368	-.00068	.04717	.11753	.00037	.00011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.01020	-.00160	-.00004	-.00513	.0038	.00013	1.3063
Stddev	.00233	.00097	.00088	.00120	.00078	.0017	.00006	.2934
%RSD	37.013	9.5226	55.159	3381.2	15.272	44.49	46.174	22.463

#1	.00667	.00952	-.00060	-.00080	-.00436	.0054	.00020	1.0578
#2	.00840	.01132	-.00228	-.00065	-.00509	.0041	.00013	1.2312
#3	.00379	.00977	-.00194	.00135	-.00592	.0020	.00007	1.6300

Sample Name: J6460-01 Acquired: 12/21/2018 14:05:43 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .20556
Stddev .34029
%RSD 165.55

#1 .55202
#2 -.12820
#3 .19284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.2	46344.	4663.7	103.17	3941.1
Stddev	3.1	75.	71.4	2.72	17.9
%RSD	.09301	.16241	1.5309	2.6366	.45472

#1	3324.3	46310.	4583.6	100.10	3955.3
#2	3318.7	46431.	4686.9	105.26	3947.0
#3	3323.8	46293.	4720.7	104.17	3920.9

Sample Name: J6492-01 Acquired: 12/21/2018 14:09:51 Type: Unk
Method: P4-ICP2(v2678) 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	.01679	-.00237	.01965	.00384	-.00312	.63187	.07294	.00016
Stddev	.00216	.00133	.00107	.00258	.00013	.00982	.00161	.00002
%RSD	12.872	55.957	5.4705	67.305	4.1245	1.5546	2.2099	14.591

#1	.01863	-.00309	.02088	.00092	-.00307	.62102	.07220	.00013
#2	.01733	-.00318	.01918	.00477	-.00326	.64015	.07183	.00017
#3	.01441	-.00084	.01889	.00582	-.00302	.63445	.07479	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	81.963	.00955	.00172	.00740	1.0028	.45066	58.267
Stddev	.00004	1.817	.00039	.00017	.00048	.0275	.00229	1.306
%RSD	33.661	2.2163	4.0652	10.046	6.5022	2.7416	.50705	2.2419

#1	-.00014	81.149	.00992	.00188	.00775	.97555	.44906	57.547
#2	-.00014	80.695	.00959	.00154	.00685	1.0022	.44964	57.480
#3	-.00007	84.044	.00915	.00174	.00760	1.0305	.45328	59.775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00677	.00012	1448.6	.01958	.17276	53.804	.00082	.64005
Stddev	.00043	.00064	24.5	.00042	.00289	1.385	.00013	.00934
%RSD	6.3722	523.77	1.6939	2.1329	1.6717	2.5739	15.940	1.4593

#1	.00700	.00055	1450.8	.01994	.17024	53.112	.00070	.63125
#2	.00627	-.00061	1423.1	.01912	.17215	52.902	.00096	.63905
#3	.00703	.00043	1472.0	.01969	.17591	55.399	.00081	.64985

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 309.51	F 11.876	-.10274	.05199	.02017	6.511	.67222	6.3267
Stddev	1.03	.229	.00077	.00106	.00172	.011	.01524	.1342
%RSD	.33414	1.9323	.74498	2.0325	8.5250	.1744	2.2674	2.1206

#1	308.99	11.747	-.10192	.05162	.02041	6.513	.66422	6.2642
#2	310.70	11.740	-.10344	.05117	.01835	6.521	.66264	6.2353
#3	308.84	12.141	-.10285	.05318	.02176	6.499	.68980	6.4807

Sample Name: J6492-01 Acquired: 12/21/2018 14:09:51 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2352
Stddev	.2659
%RSD	21.528

#1	1.1856
#2	.99755
#3	1.5224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2764.6	37320.	4398.1	93.803	2816.0
Stddev	13.7	117.	93.3	1.380	11.8
%RSD	.49390	.31413	2.1223	1.4716	.41760

#1	2757.3	37376.	4451.0	95.070	2809.4
#2	2756.2	37399.	4452.9	94.006	2809.2
#3	2780.4	37185.	4290.3	92.332	2829.6

Sample Name: J6492-02 Acquired: 12/21/2018 14:13:59 Type: Unk
Method: P4-ICP2(v2678) 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	.01109	-.00077	.03171	.00715	-.00036	.49221	.08044	.00008
Stddev	.00091	.00034	.00079	.00468	.00059	.01634	.00174	.00006
%RSD	8.2380	44.167	2.4822	65.429	162.56	3.3194	2.1678	76.256

#1	.01083	-.00049	.03162	.00203	-.00023	.47952	.08239	.00009
#2	.01211	-.00067	.03096	.00823	.00015	.51065	.07994	.00001
#3	.01034	-.00115	.03253	.01119	-.00101	.48648	.07901	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	199.33	.00251	.00091	.04924	2.2897	.34843	74.041
Stddev	.00007	1.83	.00002	.00042	.00034	.0417	.00099	.995
%RSD	60.010	.91970	.99048	46.799	.69105	1.8212	.28375	1.3443

#1	-.00018	201.34	.00248	.00140	.04927	2.3310	.34731	75.190
#2	-.00011	197.75	.00253	.00069	.04888	2.2476	.34880	73.512
#3	-.00005	198.89	.00253	.00064	.04956	2.2906	.34918	73.423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00654	-.00027	517.09	.01072	.16109	47.469	.00595	.61982
Stddev	.00033	.00028	6.96	.00043	.00348	.347	.00030	.01297
%RSD	5.0495	100.15	1.3460	3.9826	2.1615	.73015	5.1081	2.0930

#1	.00618	-.00026	524.89	.01108	.16408	47.867	.00602	.63304
#2	.00664	-.00056	514.84	.01024	.15727	47.234	.00622	.60711
#3	.00681	-.00001	511.53	.01083	.16191	47.306	.00562	.61930

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 89.846	F 17.369	-.02945	.02047	.05678	1.523	1.3581	5.2782
Stddev	.451	.145	.00011	.00044	.00111	.008	.0125	.1376
%RSD	.50187	.83367	.36596	2.1354	1.9479	.5516	.92312	2.6061

#1	90.241	17.536	-.02939	.02081	.05563	1.529	1.3719	5.2422
#2	89.941	17.291	-.02958	.01997	.05784	1.526	1.3474	5.4302
#3	89.355	17.280	-.02940	.02062	.05688	1.513	1.3551	5.1622

Sample Name: J6492-02 Acquired: 12/21/2018 14:13:59 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.24430
Stddev	.50010
%RSD	204.71

#1	.81824
#2	.01250
#3	-.09785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.0	39414.	4431.5	95.475	3037.3
Stddev	9.2	46.	37.3	2.071	16.4
%RSD	.32118	.11674	.84070	2.1693	.54097

#1	2850.8	39462.	4389.2	93.531	3022.5
#2	2860.2	39408.	4459.6	97.653	3034.3
#3	2869.1	39371.	4445.6	95.241	3055.0

Sample Name: J6492-03 Acquired: 12/21/2018 14:18:09 Type: Unk
Method: P4-ICP2(v2678) 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	-.00077	.00094	.00416	-.00083	-.00139	.01006	.01645	.00001
Stddev	.00080	.00048	.00036	.00457	.00044	.00392	.00095	.00004
%RSD	104.19	51.054	8.7124	547.85	31.784	38.961	5.7815	324.33

#1	-.00146	.00044	.00456	.00347	-.00088	.01382	.01675	.00000
#2	.00011	.00139	.00385	-.00034	-.00167	.00600	.01538	-.00002
#3	-.00096	.00098	.00407	-.00563	-.00162	.01036	.01721	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	6.1937	-.00045	.00016	.04382	.03874	.03767	1.4811
Stddev	.00010	.1665	.00039	.00028	.00079	.00322	.00193	.0969
%RSD	365.17	2.6888	85.871	177.38	1.8011	8.3248	5.1321	6.5460

#1	.00008	6.2298	-.00059	.00041	.04384	.04189	.03940	1.4527
#2	-.00009	6.0121	-.00076	.00020	.04302	.03544	.03558	1.4015
#3	.00009	6.3392	-.00001	-.00014	.04460	.03888	.03801	1.5891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.00023	10.819	.00035	.00985	.76889	.00001	.00247
Stddev	.00041	.00008	.301	.00020	.00048	.03137	.00011	.00296
%RSD	40.675	33.141	2.7841	56.417	4.8558	4.0800	1911.6	120.17

#1	.00138	.00026	10.913	.00038	.00997	.76731	.00013	.00349
#2	.00057	.00028	10.482	.00052	.00932	.73834	-.00009	.00478
#3	.00108	.00014	11.063	.00014	.01026	.80102	-.00002	-.00087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1458	1.2911	-.00223	-.00064	-.00624	.6141	.02160	1.3878
Stddev	.0194	.0389	.00059	.00042	.00055	.0107	.00060	.9753
%RSD	1.6894	3.0118	26.433	66.026	8.8639	1.742	2.7635	70.276

#1	1.1459	1.3195	-.00163	-.00015	-.00683	.6141	.02180	1.8447
#2	1.1264	1.2468	-.00224	-.00088	-.00617	.6034	.02093	.26792
#3	1.1651	1.3071	-.00281	-.00088	-.00573	.6248	.02208	2.0507

Sample Name: J6492-03 Acquired: 12/21/2018 14:18:09 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .11330
%RSD 198.11

#1 .00414
#2 .01222
#3 -.18793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.5	46545.	4753.6	108.21	3970.1
Stddev	36.2	1988.	123.3	4.28	52.7
%RSD	1.0822	4.2714	2.5932	3.9509	1.3265

#1	3343.9	45245.	4734.6	106.95	3986.7
#2	3384.0	48833.	4885.3	112.98	4012.6
#3	3311.7	45556.	4641.0	104.71	3911.2

Sample Name: J6508-01 Acquired: 12/21/2018 14:22:16 Type: Unk
Method: P4-ICP2(v2678) 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	.00201	-.00154	.00914	.00354	-.00188	-.07805	.22571	.00006
Stddev	.00119	.00042	.00032	.00221	.00130	.01026	.00125	.00005
%RSD	59.375	27.274	3.4728	62.522	69.269	13.151	.55425	70.780
#1	.00333	-.00105	.00897	.00539	-.00325	-.07389	.22686	.00010
#2	.00102	-.00177	.00951	.00413	-.00066	-.07051	.22589	.00001
#3	.00167	-.00179	.00894	.00109	-.00172	-.08974	.22438	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	253.76	-.00063	-.00046	-.00049	-.07686	.00025	92.767
Stddev	.00022	3.72	.00027	.00009	.00030	.00240	.00001	.770
%RSD	135.41	1.4658	42.152	20.069	62.515	3.1236	3.0347	.83011
#1	-.00039	255.08	-.00055	-.00047	-.00083	-.07853	.00025	93.302
#2	-.00016	256.64	-.00093	-.00036	-.00027	-.07795	.00026	93.115
#3	.00006	249.56	-.00042	-.00055	-.00035	-.07411	.00026	91.885
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	.00028	1089.7	.00163	.03765	40.905	.02596	.43786
Stddev	.00047	.00005	28.9	.00044	.00079	.489	.00026	.00324
%RSD	17.606	16.759	2.6543	26.822	2.0977	1.1965	.98994	.74024
#1	-.00295	.00032	1105.6	.00129	.03854	41.002	.02587	.44111
#2	-.00214	.00023	1107.2	.00212	.03736	41.338	.02625	.43462
#3	-.00296	.00030	1056.3	.00147	.03704	40.374	.02575	.43784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 128.27	F 15.658	-.04759	-.00783	.02904	.0725	1.5506	6.2498
Stddev	.16	.207	.00061	.00167	.00081	.0011	.0224	.1700
%RSD	.12628	1.3196	1.2767	21.349	2.7827	1.499	1.4418	2.7195
#1	128.14	15.716	-.04689	-.00831	.02978	.0716	1.5583	6.0716
#2	128.23	15.830	-.04797	-.00920	.02916	.0723	1.5680	6.2677
#3	128.45	15.429	-.04791	-.00597	.02818	.0737	1.5254	6.4102

Sample Name: J6508-01 Acquired: 12/21/2018 14:22:16 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.69707
Stddev	.19670
%RSD	28.218

#1	.62856
#2	.91886
#3	.54378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.2	37382.	4350.1	93.970	2857.9
Stddev	3.1	118.	64.8	2.114	1.7
%RSD	.11425	.31529	1.4890	2.2498	.06060

#1	2745.3	37475.	4329.5	91.566	2856.6
#2	2745.4	37421.	4298.1	94.807	2857.3
#3	2750.8	37250.	4422.7	95.538	2859.9

Sample Name: J6508-02 Acquired: 12/21/2018 14:26:29 Type: Unk
Method: P4-ICP2(v2678) 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	-.00026	.00075	.00963	-.00253	-.00165	.02851	-.00095	.00000
Stddev	.00202	.00117	.00046	.00022	.00091	.01249	.00023	.00001
%RSD	774.14	156.57	4.7531	8.6560	55.012	43.814	24.554	588.38

#1	.00193	.00000	.00915	-.00254	-.00251	.04066	-.00094	.00000
#2	-.00065	.00014	.01007	-.00274	-.00070	.02916	-.00072	.00002
#3	-.00206	.00209	.00966	-.00230	-.00173	.01571	-.00119	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.12561	-.00003	.00020	.05044	.03283	.00107	-.01433
Stddev	.00006	.00345	.00012	.00006	.00011	.00799	.00005	.02261
%RSD	38.289	2.7488	442.95	28.088	.22615	24.345	4.6682	157.81

#1	.00009	.12191	-.00017	.00022	.05046	.03994	.00112	-.02825
#2	.00020	.12618	.00005	.00014	.05055	.03437	.00107	.01176
#3	.00016	.12874	.00003	.00025	.05033	.02418	.00102	-.02649

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02870	.00014	.84230	-.00051	.09245	.42822	.00022	.00379
Stddev	.00048	.00012	.01516	.00007	.00215	.02666	.00025	.00595
%RSD	1.6669	90.397	1.7993	13.290	2.3277	6.2261	114.34	156.86

#1	.02899	.00004	.85833	-.00058	.09379	.45500	.00050	.00953
#2	.02896	.00010	.84037	-.00048	.09358	.42798	.00009	-.00234
#3	.02815	.00028	.82820	-.00045	.08996	.40168	.00005	.00419

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05315	.71852	-.00159	-.00001	-.00435	.0045	.00018	1.3046
Stddev	.00612	.00836	.00009	.00101	.00041	.0007	.00010	.0946
%RSD	11.523	1.1632	5.8826	9405.4	9.4840	16.40	53.189	7.2506

#1	.05798	.71788	-.00148	.00090	-.00417	.0052	.00021	1.3812
#2	.05520	.72718	-.00166	.00017	-.00482	.0038	.00007	1.3337
#3	.04626	.71050	-.00163	-.00110	-.00405	.0044	.00025	1.1989

Sample Name: J6508-02 Acquired: 12/21/2018 14:26:29 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.04836
Stddev	.13832
%RSD	286.05

#1	.12280
#2	-.11125
#3	.13352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.1	46344.	4689.0	103.42	3950.1
Stddev	9.9	122.	38.7	2.59	28.9
%RSD	.29620	.26276	.82614	2.5031	.73213

#1	3324.3	46356.	4684.9	101.83	3925.3
#2	3334.0	46216.	4652.5	102.02	3943.1
#3	3344.0	46459.	4729.6	106.41	3981.9

Sample Name: J6508-03 Acquired: 12/21/2018 14:30:36 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00016	.00455	-.00070	-.00103	.01546	-.00103	-.00003
Stddev	.00143	.00060	.00032	.00313	.00034	.00665	.00011	.00006
%RSD	452.27	382.33	7.1037	445.43	33.108	43.019	10.264	194.18

#1	-.00025	.00045	.00419	-.00425	-.00142	.02314	-.00114	.00001
#2	-.00178	-.00018	.00482	.00048	-.00083	.01160	-.00093	-.00011
#3	.00108	-.00074	.00463	.00167	-.00083	.01163	-.00101	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.16401	.00033	.00000	.02775	.02409	.00079	-.00494
Stddev	.00003	.01193	.00035	.00020	.00017	.00690	.00002	.03954
%RSD	165.79	7.2743	107.27	6987.4	.59564	28.637	3.1323	799.79

#1	.00002	.15338	-.00008	.00023	.02773	.03012	.00082	-.02058
#2	.00005	.16175	.00056	-.00015	.02793	.01657	.00078	.04003
#3	-.00001	.17691	.00049	-.00007	.02760	.02559	.00078	-.03428

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01037	-.00015	.29030	-.00002	.07064	.18955	-.00004	.00214
Stddev	.00027	.00019	.00633	.00029	.00122	.03056	.00011	.00627
%RSD	2.5564	124.57	2.1808	1407.2	1.7214	16.122	263.11	292.41

#1	.01051	-.00029	.29732	.00024	.06927	.15658	-.00008	-.00436
#2	.01054	.00007	.28501	.00003	.07160	.21693	-.00012	.00815
#3	.01007	-.00024	.28857	-.00034	.07103	.19516	.00008	.00264

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03303	.01009	-.00132	-.00089	-.00568	.0036	.00021	1.3152
Stddev	.00352	.00118	.00027	.00088	.00056	.0008	.00006	.1027
%RSD	10.654	11.681	20.596	98.621	9.8358	21.82	28.705	7.8124

#1	.03692	.00951	-.00158	-.00002	-.00543	.0044	.00025	1.3744
#2	.03008	.00932	-.00104	-.00177	-.00529	.0028	.00014	1.3746
#3	.03207	.01145	-.00134	-.00087	-.00632	.0036	.00025	1.1966

Sample Name: J6508-03 Acquired: 12/21/2018 14:30:36 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .24259
%RSD 1407.1

#1 .13074
#2 -.29720
#3 .11474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3312.3	46339.	4628.0	102.80	3934.4
Stddev	10.4	64.	18.6	2.13	24.3
%RSD	.31330	.13842	.40265	2.0712	.61739

#1	3323.7	46324.	4615.8	105.21	3956.2
#2	3303.5	46284.	4618.8	101.19	3908.2
#3	3309.7	46409.	4649.4	101.98	3938.8

Sample Name: CCV02 Acquired: 12/21/2018 14:34:44 Type: Unk
Method: P4-ICP2(v2678) 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	5.0557	4.9336	4.8987	5.0206	5.1318	10.329	10.257	.25566	2.4544
Stddev	.0073	.0150	.0137	.0083	.0100	.044	.039	.00143	.0083
%RSD	.14454	.30416	.27910	.16428	.19467	.42277	.37923	.55847	.33984
#1	5.0522	4.9179	4.8849	5.0164	5.1327	10.286	10.292	.25420	2.4457
#2	5.0641	4.9478	4.9122	5.0301	5.1413	10.328	10.265	.25574	2.4623
#3	5.0508	4.9351	4.8991	5.0153	5.1214	10.373	10.215	.25705	2.4552
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.158	1.0057	2.4779	1.2650	4.9002	2.5617	24.386	2.4329	1.2257
Stddev	.101	.0049	.0088	.0022	.0428	.0105	.023	.0080	.0055
%RSD	.40140	.48685	.35509	.17266	.87326	.41019	.09293	.33027	.44424
#1	25.062	1.0024	2.4716	1.2630	4.8539	2.5514	24.402	2.4242	1.2251
#2	25.149	1.0033	2.4879	1.2673	4.9382	2.5612	24.397	2.4400	1.2206
#3	25.263	1.0113	2.4741	1.2646	4.9087	2.5724	24.360	2.4344	1.2315
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	23.838	2.4442	2.4534	24.068	4.9530	4.9327	4.8456	4.7685	4.7896
Stddev	.048	.0132	.0179	.057	.0046	.0316	.0069	.0089	.0197
%RSD	.20220	.54107	.73103	.23788	.09366	.64053	.14269	.18730	.41059
#1	23.834	2.4322	2.4345	24.107	4.9477	4.9498	4.8496	4.7710	4.7679
#2	23.888	2.4419	2.4702	24.094	4.9552	4.8962	4.8496	4.7586	4.8062
#3	23.792	2.4584	2.4554	24.002	4.9561	4.9521	4.8376	4.7760	4.7948
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	5.0343	4.9963	4.913	5.1842	3.8220	2.4811			
Stddev	.0127	.0138	.020	.0099	.1112	.0948			
%RSD	.25234	.27594	.4029	.19093	2.9106	3.8208			
#1	5.0460	5.0065	4.891	5.1925	3.9479	2.3958			
#2	5.0360	5.0017	4.929	5.1867	3.7811	2.4644			
#3	5.0208	4.9806	4.920	5.1732	3.7371	2.5831			

Sample Name: CCV02 Acquired: 12/21/2018 14:34:44 Type: Unk
 Method: P4-ICP2(v2678) 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	3125.2	42584.	4427.6	95.191	3408.6
Stddev	4.4	92.	19.5	.532	3.2
%RSD	.13979	.21642	.43950	.55909	.09305
#1	3120.6	42567.	4405.9	95.734	3409.3
#2	3125.7	42683.	4433.2	94.671	3405.1
#3	3129.3	42502.	4443.6	95.168	3411.3

Sample Name: CCB02 Acquired: 12/21/2018 14:46:40 Type: Unk
Method: P4-ICP2(v2678) 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	-.00174	.00019	F .00424	-.00061	-.00071	.00197	-.00171
Stddev	.00177	.00053	.00123	.00310	.00083	.00931	.00047
%RSD	101.59	274.39	29.072	509.78	117.40	471.50	27.197

#1	-.00362	-.00030	.00565	.00179	-.00120	.00493	-.00200
#2	-.00012	.00013	.00338	.00050	.00025	-.00845	-.00196
#3	-.00148	.00075	.00369	-.00411	-.00117	.00945	-.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00004	-.00577	-.00008	.00005	-.00012	-.00116
Stddev	.00003	.00008	.00469	.00049	.00013	.00042	.01114
%RSD	352.51	188.93	81.211	644.93	277.25	356.07	956.16

#1	.00000	-.00001	-.00134	-.00035	.00019	-.00046	.00225
#2	.00001	.00002	-.01068	-.00036	-.00001	-.00025	.00786
#3	-.00004	-.00014	-.00530	.00049	-.00004	.00035	-.01361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00275	.00043	.00034	.08976	-.00037	.00089
Stddev	.00003	.02067	.00006	.00024	.00923	.00014	.00002
%RSD	19.135	750.53	14.435	70.193	10.282	37.493	2.5876

#1	.00012	-.01767	.00042	.00057	.07966	-.00028	.00089
#2	.00018	.02366	.00050	.00035	.09775	-.00053	.00092
#3	.00015	.00227	.00038	.00010	.09187	-.00030	.00087

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05983	.00011	.00337	F .00677	-.00073	-.00132	-.00023
Stddev	.00088	.00025	.00709	.00258	.00129	.00044	.00215
%RSD	1.4776	234.20	210.07	38.122	176.38	32.886	949.88

#1	.05911	.00015	.00085	.00880	-.00014	-.00155	-.00261
#2	.06081	.00033	-.00210	.00387	-.00222	-.00160	.00156
#3	.05956	-.00016	.01138	.00765	.00016	-.00082	.00037

Sample Name: CCB02 Acquired: 12/21/2018 14:46:40 Type: Unk
Method: P4-ICP2(v2678) 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	-.00194	.0006	-.00010	F 1.6334	F<.00000
Stddev	.00084	.0006	.00007	.0962	.34741
%RSD	43.389	103.5	78.182	5.8871	314.58

#1	-.00265	.0003	-.00004	1.7168	.27387
#2	-.00101	.0012	-.00018	1.6552	-.20297
#3	-.00215	.0001	-.00006	1.5282	-.40221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.8	45543.	4572.8	101.06	3884.2
Stddev	18.5	129.	32.0	2.08	8.3
%RSD	.55816	.28318	.70014	2.0549	.21406

#1	3314.3	45409.	4574.6	101.68	3875.1
#2	3296.6	45555.	4603.9	102.76	3891.3
#3	3333.6	45666.	4540.0	98.743	3886.4

Sample Name: J6523-01 Acquired: 12/21/2018 14:50:49 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00160	.00589	.00150	-.00189	-.08707	.22431	.00001
Stddev	.00113	.00060	.00134	.00196	.00089	.00649	.00195	.00007
%RSD	73.533	37.189	22.789	131.19	46.747	7.4538	.86981	618.18
#1	.00024	-.00229	.00449	.00365	-.00134	-.09298	.22651	-.00007
#2	.00233	-.00129	.00601	-.00020	-.00292	-.08810	.22278	.00005
#3	.00202	-.00123	.00716	.00104	-.00142	-.08013	.22363	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	253.08	-.00099	-.00024	-.00059	-.07703	.00017	92.326
Stddev	.00006	2.42	.00027	.00018	.00017	.00074	.00003	.497
%RSD	71.849	.95671	26.709	75.350	29.747	.95565	19.002	.53824
#1	-.00007	255.36	-.00130	-.00022	-.00074	-.07763	.00017	92.833
#2	-.00014	250.54	-.00087	-.00007	-.00062	-.07724	.00014	92.306
#3	-.00003	253.35	-.00081	-.00042	-.00040	-.07621	.00020	91.840
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00269	-.00024	1127.9	.00183	.03854	40.265	.02582	.44129
Stddev	.00026	.00011	15.3	.00019	.00045	.368	.00015	.01342
%RSD	9.5262	44.419	1.3585	10.275	1.1581	.91325	.56983	3.0414
#1	-.00270	-.00034	1144.8	.00203	.03882	40.412	.02590	.42596
#2	-.00295	-.00013	1115.0	.00181	.03802	39.847	.02565	.45092
#3	-.00244	-.00027	1123.9	.00166	.03877	40.537	.02591	.44698
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 125.69	F 15.559	-.04674	-.00786	.02805	.0707	1.5438	5.9430
Stddev	.74	.141	.00073	.00248	.00100	.0008	.0136	.1878
%RSD	.58764	.90382	1.5628	31.595	3.5727	1.186	.87780	3.1597
#1	125.25	15.708	-.04650	-.00995	.02723	.0699	1.5565	6.1265
#2	125.27	15.428	-.04617	-.00850	.02775	.0716	1.5295	5.7512
#3	126.54	15.541	-.04757	-.00512	.02917	.0706	1.5454	5.9513

Sample Name: J6523-01 Acquired: 12/21/2018 14:50:49 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.49691
Stddev	.50587
%RSD	101.80

#1	.35152
#2	1.0596
#3	.07966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2779.0	38199.	4350.4	94.329	2898.1
Stddev	11.0	466.	25.9	.697	14.0
%RSD	.39490	1.2204	.59484	.73910	.48261

#1	2785.9	37787.	4326.1	93.883	2908.2
#2	2784.9	38705.	4377.6	95.132	2903.9
#3	2766.4	38106.	4347.4	93.971	2882.1

Sample Name: J6162-19 Acquired: 12/21/2018 14:56:58 Type: Unk
 Method: P4-ICP2(v2678) 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	.06063	-.00235	.04147	.00041	-.00057	17.524	.06760	.00074
Stddev	.00126	.00116	.00046	.00295	.00226	.134	.00053	.00010
%RSD	2.0849	49.266	1.1029	716.34	395.75	.76307	.79112	13.291
#1	.05954	-.00329	.04169	-.00151	-.00307	17.663	.06705	.00075
#2	.06202	-.00272	.04095	.00380	.00135	17.511	.06812	.00064
#3	.06034	-.00106	.04178	-.00106	-.00000	17.397	.06762	.00083
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	15.429	.05810	.01669	.09229	62.793	.68839	7.9835
Stddev	.00015	.144	.00093	.00016	.00009	.956	.00213	.0550
%RSD	9.3667	.93589	1.5953	.94722	.09641	1.5221	.30993	.68930
#1	-.00179	15.283	.05896	.01661	.09223	63.006	.69085	7.9265
#2	-.00167	15.571	.05712	.01687	.09225	63.623	.68711	7.9877
#3	-.00148	15.434	.05823	.01659	.09240	61.748	.68721	8.0364
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02605	.00021	1.2347	.10756	.12775	2.1906	.00388	.10222
Stddev	.00040	.00012	.0156	.00036	.00240	.0389	.00014	.00603
%RSD	1.5243	60.704	1.2623	.33387	1.8788	1.7737	3.5541	5.9004
#1	.02564	.00034	1.2225	.10738	.12779	2.1459	.00376	.09980
#2	.02608	.00009	1.2522	.10797	.13013	2.2157	.00387	.10908
#3	.02644	.00019	1.2293	.10732	.12533	2.2103	.00403	.09776
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4135	3.1864	.00203	.70940	.01640	1.068	.00536	1.8097
Stddev	.0096	.0730	.00029	.00668	.00068	.002	.00123	.1574
%RSD	.68154	2.2913	14.505	.94125	4.1729	.1728	23.036	8.6995
#1	1.4187	3.1719	.00189	.70235	.01570	1.067	.00496	1.9600
#2	1.4193	3.2656	.00183	.71023	.01644	1.070	.00437	1.8230
#3	1.4024	3.1218	.00236	.71562	.01707	1.067	.00674	1.6460

Sample Name: J6162-19 Acquired: 12/21/2018 14:56:58 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.4643
Stddev .6122
%RSD 6.4687

#1 8.8789
#2 10.100
#3 9.4138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.8	45501.	4758.7	101.64	3730.6
Stddev	20.2	347.	40.3	1.79	16.4
%RSD	.61531	.76156	.84679	1.7648	.43881

#1	3256.6	45148.	4773.7	101.10	3712.1
#2	3283.9	45513.	4713.0	100.18	3736.6
#3	3296.0	45841.	4789.2	103.64	3743.2

Sample Name: J6188-03 Acquired: 12/21/2018 15:01:00 Type: Unk
Method: P4-ICP2(v2678) 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	.11344	-.00787	.16858	.00884	.00618	169.26	.33805	.00815
Stddev	.00396	.00037	.00349	.00218	.00199	.57	.00401	.00019
%RSD	3.4895	4.7380	2.0693	24.656	32.282	.33749	1.1863	2.3454

#1	.11435	-.00799	.16900	.00714	.00584	169.79	.33484	.00837
#2	.10910	-.00745	.16490	.01130	.00437	169.33	.34255	.00810
#3	.11686	-.00816	.17184	.00808	.00832	168.66	.33678	.00800

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	192.85	.27911	.04555	.06630	328.35	1.2826	53.575
Stddev	.00146	2.44	.00235	.00067	.00434	11.54	.0114	.737
%RSD	20.480	1.2660	.84303	1.4782	6.5388	3.5143	.88515	1.3758

#1	-.00659	190.92	.28176	.04483	.06912	320.43	1.2950	52.883
#2	-.00878	195.59	.27829	.04564	.06131	341.59	1.2801	54.350
#3	-.00601	192.04	.27727	.04616	.06846	323.03	1.2727	53.491

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07723	.00188	3.1898	.46609	.38970	12.603	.00716	.03285
Stddev	.00022	.00193	.0483	.00330	.01252	.179	.00038	.01112
%RSD	.27906	102.31	1.5153	.70855	3.2130	1.4225	5.3601	33.866

#1	.07698	.00045	3.1505	.46988	.38311	12.457	.00713	.03098
#2	.07731	.00407	3.2438	.46454	.40414	12.803	.00678	.04479
#3	.07739	.00113	3.1752	.46385	.38185	12.548	.00755	.02278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2040	6.8469	.01624	.97899	.10852	3.023	-.03355	.50562
Stddev	.0236	.1841	.00095	.01432	.00182	.014	.00917	.23976
%RSD	.56215	2.6893	5.8494	1.4632	1.6753	.4543	27.316	47.419

#1	4.1783	6.8755	.01533	.96245	.10647	3.007	-.02760	.78083
#2	4.2248	7.0150	.01618	.98729	.10993	3.030	-.04411	.34193
#3	4.2089	6.6501	.01723	.98723	.10915	3.032	-.02895	.39411

Sample Name: J6188-03 Acquired: 12/21/2018 15:01:00 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.3440
Stddev	1.3552
%RSD	25.359

#1	5.8102
#2	6.4046
#3	3.8173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.4	45035.	5026.5	93.868	3207.8
Stddev	6.5	322.	40.6	2.856	8.3
%RSD	.19651	.71561	.80840	3.0426	.25973

#1	3291.3	44673.	5050.4	95.728	3217.1
#2	3283.4	45143.	4979.6	90.580	3205.4
#3	3278.6	45290.	5049.6	95.296	3201.0

Sample Name: J6523-01DUP Acquired: 12/21/2018 15:05:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00185	.00533	-.00040	-.00337	-.06753	.21885	.00005
Stddev	.00234	.00040	.00101	.00404	.00110	.00872	.00045	.00008
%RSD	117.76	21.727	18.904	1004.5	32.672	12.905	.20450	153.65
#1	.00458	-.00144	.00439	.00234	-.00305	-.07225	.21935	-.00003
#2	.00004	-.00224	.00519	.00149	-.00246	-.05747	.21849	.00005
#3	.00134	-.00189	.00639	-.00504	-.00459	-.07287	.21870	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	246.27	-.00036	-.00053	-.00028	-.06687	.00014	89.586
Stddev	.00008	1.09	.00043	.00049	.00014	.00262	.00010	.034
%RSD	62.495	.44303	120.21	91.981	50.586	3.9157	71.582	.03792
#1	-.00023	246.17	-.00007	-.00035	-.00024	-.06894	.00002	89.567
#2	-.00010	247.40	-.00015	-.00016	-.00044	-.06775	.00020	89.566
#3	-.00008	245.23	-.00086	-.00108	-.00016	-.06393	.00019	89.625
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	.00008	1096.2	.00181	.03733	39.406	.02576	.43089
Stddev	.00031	.00034	15.9	.00027	.00036	.153	.00020	.01038
%RSD	13.257	453.06	1.4511	14.739	.96293	.38772	.76585	2.4093
#1	-.00209	.00001	1111.0	.00204	.03739	39.323	.02595	.44134
#2	-.00269	.00045	1098.1	.00152	.03694	39.582	.02579	.42058
#3	-.00225	-.00023	1079.4	.00189	.03765	39.313	.02555	.43074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 124.73	F 15.204	-.04563	-.00938	.02618	.0711	1.5108	6.0725
Stddev	.74	.020	.00054	.00128	.00145	.0013	.0067	.0949
%RSD	.59082	.12956	1.1771	13.642	5.5439	1.821	.44074	1.5620
#1	125.19	15.183	-.04520	-.00790	.02529	.0711	1.5089	6.1502
#2	123.88	15.222	-.04545	-.01014	.02539	.0697	1.5182	5.9668
#3	125.12	15.207	-.04623	-.01011	.02785	.0723	1.5053	6.1006

Sample Name: J6523-01DUP Acquired: 12/21/2018 15:05:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.62669
Stddev	.63564
%RSD	101.43

#1	.45696
#2	.09313
#3	1.3300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.1	38017.	4438.1	94.968	2903.0
Stddev	13.5	176.	9.1	.394	15.6
%RSD	.48448	.46261	.20555	.41485	.53627

#1	2772.8	37830.	4433.2	94.732	2895.1
#2	2796.6	38041.	4432.6	95.422	2921.0
#3	2773.8	38179.	4448.7	94.748	2893.0

Sample Name: J6523-01LX5 Acquired: 12/21/2018 15:13:46 Type: Unk
Method: P4-ICP2(v2678) 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	-.00122	.00017	.00175	.00200	-.00136	-.00679	.04719	.00006
Stddev	.00204	.00016	.00045	.00098	.00199	.01019	.00061	.00004
%RSD	166.38	98.438	25.621	48.956	146.26	150.05	1.2968	68.138
#1	.00101	.00010	.00139	.00280	-.00159	-.00348	.04777	.00006
#2	-.00297	.00035	.00225	.00230	.00073	-.01822	.04726	.00002
#3	-.00171	.00004	.00161	.00091	-.00322	.00133	.04655	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	52.470	.00015	.00009	-.00074	-.01611	.00057	19.089
Stddev	.00007	.309	.00027	.00024	.00012	.00135	.00005	.023
%RSD	284.63	.58815	188.23	261.04	16.359	8.3590	8.6352	.12050
#1	.00001	52.460	.00046	.00036	-.00088	-.01513	.00063	19.097
#2	.00002	52.783	.00001	-.00008	-.00068	-.01765	.00056	19.107
#3	-.00010	52.166	-.00003	-.00001	-.00067	-.01556	.00053	19.063
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00003	237.84	.00091	.01224	7.9073	.00542	.09214
Stddev	.00058	.00037	1.08	.00017	.00042	.0131	.00026	.00286
%RSD	55.462	1105.3	.45259	18.542	3.4349	.16565	4.8769	3.1005
#1	-.00158	-.00013	237.60	.00098	.01269	7.8931	.00572	.09538
#2	-.00043	-.00022	239.02	.00104	.01215	7.9100	.00526	.09102
#3	-.00112	.00045	236.91	.00072	.01187	7.9189	.00526	.09001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.315	3.3295	-.00880	-.00117	.00718	.0129	.31829	3.7582
Stddev	.073	.0132	.00059	.00087	.00102	.0015	.00172	.1750
%RSD	.31360	.39552	6.7019	74.273	14.186	11.28	.53887	4.6569
#1	23.377	3.3350	-.00948	-.00024	.00786	.0140	.31977	3.5574
#2	23.334	3.3391	-.00848	-.00196	.00601	.0134	.31869	3.8388
#3	23.235	3.3145	-.00845	-.00130	.00767	.0112	.31641	3.8785

Sample Name: J6523-01LX5 Acquired: 12/21/2018 15:13:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .50099
%RSD 2414.6

#1 .51028
#2 -.48501
#3 -.08752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.8	41653.	4466.3	98.494	3332.2
Stddev	12.1	143.	25.1	.907	16.1
%RSD	.39579	.34238	.56114	.92106	.48240

#1	3054.7	41738.	4461.4	99.524	3325.7
#2	3049.3	41732.	4444.0	97.816	3320.3
#3	3072.5	41488.	4493.4	98.140	3350.4

Sample Name: J6523-01MS Acquired: 12/21/2018 15:18:01 Type: Unk
Method: P4-ICP2(v2678) 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	.90295	1.9097	1.0033	2.2034	.87257	2.3404	.43332	.23473
Stddev	.00117	.0034	.0026	.0052	.00078	.0169	.00208	.00085
%RSD	.12980	.17538	.25761	.23498	.08935	.72317	.48033	.36113
#1	.90413	1.9089	1.0005	2.1975	.87334	2.3215	.43365	.23528
#2	.90178	1.9134	1.0037	2.2053	.87178	2.3458	.43522	.23517
#3	.90295	1.9068	1.0056	2.2073	.87258	2.3540	.43109	.23376
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20622	244.97	.41610	.21170	.31078	2.9521	.21386	90.839
Stddev	.00046	1.13	.00187	.00030	.00076	.0924	.00060	.721
%RSD	.22372	.46189	.45052	.14211	.24419	3.1283	.28038	.79409
#1	.20616	243.74	.41823	.21137	.31149	2.9056	.21422	90.424
#2	.20578	245.22	.41538	.21177	.30998	2.8924	.21419	90.422
#3	.20670	245.96	.41469	.21196	.31088	3.0585	.21317	91.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51277	.08029	1087.2	.31591	.24314	49.749	.41407	.71745
Stddev	.00133	.00034	11.2	.00154	.00629	.168	.00128	.01273
%RSD	.25881	.42787	1.0336	.48629	2.5885	.33835	.30845	1.7750
#1	.51181	.08068	1096.4	.31617	.24125	49.572	.41473	.70571
#2	.51223	.08015	1074.7	.31731	.23800	49.907	.41260	.71566
#3	.51429	.08004	1090.6	.31426	.25016	49.768	.41488	.73099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.77	F 15.911	.62771	.18984	.25027	6.858	1.6998	5.9967
Stddev	.33	.021	.00118	.00239	.00362	.016	.0077	.0287
%RSD	.27142	.13257	.18830	1.2563	1.4471	.2366	.45355	.47788
#1	121.12	15.889	.62635	.18710	.24622	6.856	1.6914	5.9662
#2	120.71	15.911	.62849	.19102	.25320	6.842	1.7066	6.0010
#3	120.47	15.932	.62828	.19141	.25139	6.875	1.7013	6.0230

Sample Name: J6523-01MS Acquired: 12/21/2018 15:18:01 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .11763
%RSD 22.502

#1 -.44065
#2 -.65749
#3 -.47004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.3	38240.	4381.9	94.038	2922.4
Stddev	4.9	136.	9.0	2.385	2.4
%RSD	.17576	.35645	.20577	2.5360	.08150

#1	2809.4	38168.	4392.3	94.744	2919.7
#2	2818.0	38154.	4377.1	95.991	2924.4
#3	2809.4	38397.	4376.2	91.381	2923.0

Sample Name: J6523-01MSD Acquired: 12/21/2018 15:21:55 Type: Unk
Method: P4-ICP2(v2678) 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	.90865	1.9211	1.0103	2.2244	.88248	2.3312	.43455	.23574
Stddev	.00485	.0044	.0018	.0042	.00415	.0056	.00146	.00021
%RSD	.53324	.22960	.18083	.18778	.46986	.23798	.33554	.08730
#1	.90380	1.9165	1.0113	2.2282	.87782	2.3250	.43295	.23584
#2	.91349	1.9216	1.0113	2.2250	.88577	2.3358	.43491	.23588
#3	.90866	1.9253	1.0082	2.2199	.88385	2.3327	.43580	.23550
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20759	243.27	.41859	.21391	.31312	2.9178	.21462	90.431
Stddev	.00035	1.13	.00085	.00062	.00124	.0356	.00051	.534
%RSD	.16982	.46437	.20333	.29187	.39628	1.2189	.23639	.59039
#1	.20730	243.08	.41761	.21356	.31249	2.9157	.21426	89.830
#2	.20798	244.48	.41905	.21464	.31455	2.8834	.21520	90.849
#3	.20749	242.24	.41911	.21355	.31233	2.9544	.21440	90.614
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51440	.08028	1043.0	.31760	.24079	49.749	.41697	.71942
Stddev	.00024	.00109	12.8	.00091	.00093	.259	.00067	.01714
%RSD	.04716	1.3540	1.2277	.28605	.38580	.52119	.16045	2.3827
#1	.51414	.08024	1052.7	.31701	.24031	49.513	.41653	.71236
#2	.51462	.08138	1047.8	.31865	.24019	50.027	.41774	.70693
#3	.51444	.07921	1028.5	.31716	.24186	49.708	.41665	.73896
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 121.90	F 15.910	.63023	.18851	.24944	6.919	1.6920	6.1415
Stddev	.31	.110	.00166	.00072	.00038	.012	.0071	.1122
%RSD	.25073	.69064	.26330	.38083	.15292	.1736	.41823	1.8274
#1	121.78	15.905	.63114	.18931	.24986	6.912	1.6921	6.0334
#2	122.25	16.022	.63123	.18828	.24933	6.933	1.6990	6.2574
#3	121.67	15.802	.62831	.18793	.24913	6.912	1.6848	6.1336

Sample Name: J6523-01MSD Acquired: 12/21/2018 15:21:55 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .21516
%RSD 46.507

#1 -.23856
#2 -.66760
#3 -.48175

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.0	37953.	4375.3	94.448	2888.8
Stddev	9.0	102.	29.2	.255	8.4
%RSD	.32271	.26957	.66693	.26989	.29180

#1	2784.3	37952.	4376.9	94.639	2897.1
#2	2767.0	37852.	4345.4	94.546	2880.2
#3	2779.7	38056.	4403.7	94.158	2889.2

Sample Name: J6523-01A Acquired: 12/21/2018 15:30:02 Type: Unk
Method: P4-ICP2(v2678) 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	.90660	1.9137	1.0079	2.2114	.87611	2.3277	.43234	.23548
Stddev	.00391	.0063	.0050	.0103	.00451	.0088	.00400	.00125
%RSD	.43155	.32670	.49564	.46481	.51440	.37814	.92533	.52946
#1	.90341	1.9203	1.0115	2.2224	.88132	2.3216	.43021	.23674
#2	.91096	1.9127	1.0100	2.2097	.87349	2.3237	.42986	.23544
#3	.90542	1.9079	1.0022	2.2020	.87353	2.3378	.43696	.23425
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20719	244.54	.41757	.21260	.31246	2.9465	.21477	90.856
Stddev	.00106	.65	.00242	.00061	.00124	.0799	.00114	.646
%RSD	.51155	.26775	.57845	.28477	.39631	2.7111	.53301	.71058
#1	.20835	243.83	.42004	.21320	.31377	2.9363	.21602	90.204
#2	.20628	244.66	.41522	.21199	.31229	3.0310	.21453	90.870
#3	.20693	245.12	.41744	.21260	.31131	2.8722	.21377	91.495
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51428	.07942	1072.9	.31464	.24156	49.397	.41626	.71563
Stddev	.00171	.00024	8.1	.00317	.00679	.241	.00107	.00928
%RSD	.33214	.29603	.75493	1.0083	2.8125	.48705	.25744	1.2971
#1	.51623	.07960	1082.1	.31818	.24448	49.150	.41717	.72101
#2	.51308	.07916	1070.1	.31370	.24641	49.411	.41508	.70492
#3	.51353	.07950	1066.7	.31205	.23380	49.631	.41653	.72098
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.89	F 15.835	.62750	.18732	.24889	6.868	1.6954	6.0834
Stddev	.46	.042	.00287	.00132	.00266	.017	.0049	.1901
%RSD	.37869	.26669	.45810	.70452	1.0705	.2436	.29083	3.1242
#1	121.41	15.826	.63035	.18643	.24696	6.887	1.6898	6.2887
#2	120.60	15.882	.62754	.18670	.24777	6.856	1.6972	5.9135
#3	120.64	15.799	.62460	.18884	.25193	6.862	1.6991	6.0482

Sample Name: J6523-01A Acquired: 12/21/2018 15:30:02 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .13866
%RSD 38.318

#1 -.42363
#2 -.20304
#3 -.45888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.2	38084.	4370.1	93.939	2893.4
Stddev	1.3	161.	6.5	2.535	7.3
%RSD	.04507	.42162	.14780	2.6982	.25253

#1	2776.8	37908.	4364.2	92.954	2885.2
#2	2779.3	38222.	4369.1	92.044	2899.4
#3	2778.5	38121.	4377.0	96.818	2895.4

Sample Name: J6357-13 Acquired: 12/21/2018 15:33:56 Type: Unk
Method: P4-ICP2(v2678) 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	.02802	-.00129	.00604	-.00040	.00094	.06220	.05792	.00005
Stddev	.00199	.00055	.00134	.00092	.00137	.00445	.00071	.00007
%RSD	7.1170	42.848	22.126	232.86	145.78	7.1584	1.2261	131.26

#1	.02655	-.00087	.00679	-.00076	.00251	.06590	.05768	.00012
#2	.03029	-.00191	.00449	-.00109	.00028	.06345	.05736	-.00002
#3	.02722	-.00107	.00682	.00065	.00002	.05726	.05872	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	8.9026	-.00015	.00021	.16136	.02524	.00691	.66724
Stddev	.00006	.0825	.00015	.00009	.00096	.00506	.00003	.00630
%RSD	30.159	.92693	105.38	40.179	.59588	20.064	.39689	.94439

#1	.00024	8.8152	-.00010	.00012	.16113	.01961	.00688	.67340
#2	.00014	8.9135	-.00032	.00022	.16241	.02667	.00693	.66080
#3	.00025	8.9792	-.00002	.00029	.16053	.02943	.00690	.66751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00030	254.95	-.00002	.05116	.77051	.00001	.00178
Stddev	.00011	.00012	2.28	.00020	.00010	.01544	.00014	.00293
%RSD	16.365	39.535	.89335	935.17	.18914	2.0039	1296.1	165.01

#1	.00053	.00016	252.85	.00007	.05105	.76564	.00017	-.00099
#2	.00069	.00035	254.62	-.00025	.05122	.78780	-.00009	.00147
#3	.00073	.00037	257.37	.00011	.05122	.75809	-.00004	.00485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15965	.29114	-.00054	-.00049	.00622	.0187	.07334	3.9766
Stddev	.00290	.00365	.00005	.00064	.00062	.0013	.00017	.2275
%RSD	1.8189	1.2549	8.8037	130.75	9.9703	7.097	.23697	5.7203

#1	.16296	.29533	-.00051	-.00071	.00551	.0183	.07322	3.8267
#2	.15845	.28863	-.00052	-.00099	.00649	.0177	.07327	3.8648
#3	.15754	.28945	-.00060	.00023	.00666	.0202	.07354	4.2384

Sample Name: J6357-13 Acquired: 12/21/2018 15:33:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.05144
Stddev	.26601
%RSD	517.18

#1	-.22033
#2	.06335
#3	.31130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.0	41794.	4553.0	99.464	3360.4
Stddev	8.5	312.	36.5	.410	6.6
%RSD	.27465	.74712	.80069	.41253	.19741

#1	3095.1	42059.	4592.0	99.082	3364.8
#2	3095.1	41873.	4547.3	99.898	3352.8
#3	3109.8	41450.	4519.7	99.414	3363.6

Sample Name: J6340-08 Acquired: 12/21/2018 15:38:11 Type: Unk
Method: P4-ICP2(v2678) 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	.00018	.00003	.01002	.00059	-.00008	.13721	.05325	.00008
Stddev	.00232	.00132	.00126	.00323	.00150	.00379	.00093	.00003
%RSD	1278.4	3930.9	12.606	550.50	1824.1	2.7607	1.7508	35.044

#1	.00274	-.00012	.00907	.00415	.00165	.13308	.05218	.00010
#2	-.00178	.00143	.00954	-.00215	-.00097	.14052	.05362	.00011
#3	-.00042	-.00120	.01145	-.00024	-.00093	.13802	.05393	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	2.2065	.00082	.00050	.03707	.01871	.01994	.44411
Stddev	.00006	.0204	.00056	.00005	.00050	.00862	.00021	.03840
%RSD	41.571	.92244	69.069	9.1346	1.3562	46.087	1.0319	8.6465

#1	.00016	2.1831	.00112	.00047	.03705	.00875	.01997	.40115
#2	.00017	2.2191	.00017	.00047	.03759	.02365	.02013	.45611
#3	.00007	2.2175	.00117	.00055	.03658	.02372	.01972	.47508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01056	-.00006	315.79	-.00002	.02401	.62581	-.00003	.00579
Stddev	.00009	.00027	1.08	.00042	.00031	.01904	.00012	.00312
%RSD	.87288	472.41	.34284	1991.9	1.2814	3.0417	461.27	53.942

#1	.01051	.00025	314.54	-.00037	.02431	.60393	.00009	.00429
#2	.01050	-.00017	316.42	-.00013	.02403	.63495	-.00015	.00370
#3	.01066	-.00026	316.40	.00044	.02370	.63856	-.00002	.00938

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41230	.25313	-.00102	-.00039	.00087	.0045	.01851	3.6231
Stddev	.00261	.00314	.00035	.00067	.00116	.0007	.00018	.2718
%RSD	.63353	1.2398	34.440	173.78	133.26	14.77	.94784	7.5028

#1	.41436	.25020	-.00062	-.00021	.00213	.0049	.01837	3.9337
#2	.41318	.25644	-.00115	.00018	.00067	.0038	.01871	3.4284
#3	.40936	.25275	-.00129	-.00113	-.00018	.0049	.01845	3.5073

Sample Name: J6340-08 Acquired: 12/21/2018 15:38:11 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .41109
Stddev .14350
%RSD 34.906

#1 .36299
#2 .57247
#3 .29783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.7	41982.	4585.7	101.01	3348.1
Stddev	17.3	239.	13.8	1.07	19.9
%RSD	.56032	.57040	.30041	1.0573	.59466

#1	3075.9	41777.	4581.6	100.44	3340.0
#2	3077.7	41922.	4574.5	100.34	3333.5
#3	3106.7	42245.	4601.1	102.24	3370.8

Sample Name: CCV03 Acquired: 12/21/2018 15:42:27 Type: Unk
Method: P4-ICP2(v2678) 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	5.2304	5.0910	5.0277	5.2110	5.3110	10.688	10.589	.26191
Stddev	.0132	.0126	.0072	.0264	.0176	.088	.049	.00083
%RSD	.25185	.24695	.14316	.50642	.33172	.82715	.45807	.31875
#1	5.2355	5.0921	5.0286	5.2051	5.3107	10.588	10.635	.26281
#2	5.2155	5.0779	5.0201	5.1881	5.2936	10.717	10.539	.26116
#3	5.2403	5.1030	5.0345	5.2398	5.3288	10.758	10.594	.26178
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5297	25.849	1.0286	2.5548	1.3042	5.0521	2.6190	24.945
Stddev	.0074	.197	.0022	.0094	.0048	.0543	.0029	.022
%RSD	.29383	.76397	.21240	.36615	.36980	1.0737	.11041	.08754
#1	2.5289	25.621	1.0265	2.5528	1.3016	5.1147	2.6202	24.970
#2	2.5228	25.959	1.0283	2.5467	1.3013	5.0188	2.6156	24.931
#3	2.5376	25.968	1.0309	2.5651	1.3098	5.0228	2.6210	24.934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5049	1.2552	24.911	2.4971	2.5206	24.805	5.1016	5.0575
Stddev	.0100	.0038	.125	.0021	.0266	.042	.0167	.0186
%RSD	.40037	.30157	.50017	.08225	1.0541	.16908	.32817	.36757
#1	2.5010	1.2574	24.987	2.4952	2.5512	24.854	5.0958	5.0374
#2	2.4975	1.2574	24.767	2.4992	2.5033	24.780	5.0886	5.0608
#3	2.5163	1.2508	24.979	2.4968	2.5073	24.782	5.1205	5.0741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9720	4.8628	4.9373	5.2045	5.1655	5.095	5.3465	F 3.6424
Stddev	.0207	.0098	.0203	.0101	.0149	.013	.0062	.0934
%RSD	.41644	.20182	.41054	.19413	.28864	.2563	.11643	2.5648
#1	4.9736	4.8718	4.9321	5.2153	5.1775	5.088	5.3468	3.5419
#2	4.9506	4.8523	4.9202	5.1954	5.1488	5.086	5.3401	3.6586
#3	4.9919	4.8642	4.9597	5.2026	5.1702	5.110	5.3525	3.7266

Sample Name: CCV03 Acquired: 12/21/2018 15:42:27 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2740
Stddev .1626
%RSD 7.1493

#1 2.2666
#2 2.4402
#3 2.1153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3135.4	43106.	4496.4	96.107	3417.2
Stddev	7.4	54.	15.7	1.094	7.4
%RSD	.23543	.12476	.35012	1.1382	.21667

#1	3134.1	43079.	4481.4	94.844	3416.0
#2	3143.3	43168.	4512.8	96.755	3425.1
#3	3128.7	43071.	4494.9	96.721	3410.4

Sample Name: CCB03 Acquired: 12/21/2018 15:46:06 Type: Unk
 Method: P4-ICP2(v2678) 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	-.00161	.00108	.00018	.00104	-.00114	-.00679	-.00180	-.00003
Stddev	.00093	.00044	.00147	.00138	.00057	.00392	.00065	.00004
%RSD	57.725	40.993	831.17	133.34	50.302	57.775	35.933	112.41
#1	-.00214	.00057	.00058	.00055	-.00128	-.00533	-.00147	-.00002
#2	-.00216	.00135	.00141	.00259	-.00163	-.01124	-.00138	-.00007
#3	-.00054	.00133	-.00145	-.00004	-.00051	-.00381	-.00254	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00682	-.00003	.00010	-.00024	.00024	.00018	.01149
Stddev	.00003	.00688	.00026	.00006	.00030	.01327	.00002	.01913
%RSD	44.401	100.98	953.73	54.959	126.94	5526.7	8.8220	166.53
#1	.00011	.00078	-.00026	.00012	-.00044	-.01153	.00019	-.00877
#2	.00004	-.01265	.00025	.00015	-.00037	.01462	.00017	.02926
#3	.00008	-.00858	-.00007	.00004	.00011	-.00236	.00016	.01398
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00062	.15940	-.00029	.00052	.09838	.00016	.00962
Stddev	.00031	.00016	.00501	.00052	.00005	.03144	.00024	.00097
%RSD	63.925	25.039	3.1454	179.46	9.6585	31.957	156.24	10.082
#1	.00072	.00079	.15443	-.00063	.00058	.08789	.00012	.00967
#2	.00059	.00047	.15930	.00031	.00050	.07352	-.00007	.00862
#3	.00013	.00061	.16446	-.00054	.00048	.13372	.00041	.01056
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00179	-.00068	.00099	-.00132	.0008	.00001	F 1.8283
Stddev	.00107	.00167	.00037	.00079	.00116	.0007	.00005	.3215
%RSD	37.167	93.245	54.205	79.441	87.961	82.87	397.81	17.582
#1	.00398	.00307	-.00094	.00187	-.00126	.0016	-.00001	1.6766
#2	.00184	.00239	-.00084	.00075	-.00019	.0007	-.00002	2.1976
#3	.00284	-.00010	-.00026	.00035	-.00250	.0002	.00006	1.6109

Sample Name: CCB03 Acquired: 12/21/2018 15:46:06 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .11478
Stddev	.32624
%RSD	284.22

#1	-.21144
#2	.44105
#3	.11474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.8	45385.	4584.6	101.06	3870.3
Stddev	6.0	197.	34.0	1.96	23.0
%RSD	.18282	.43462	.74199	1.9361	.59452

#1	3298.4	45585.	4609.2	102.87	3896.4
#2	3286.5	45190.	4545.8	98.984	3852.9
#3	3293.6	45381.	4598.8	101.34	3861.5

Sample Name: J6358-17 Acquired: 12/21/2018 15:50:14 Type: Unk
Method: P4-ICP2(v2678) 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	-.00202	.00050	-.00167	-.00176	-.00049	-.00112	.00355	-.00002
Stddev	.00345	.00060	.00018	.00056	.00106	.00594	.00035	.00002
%RSD	170.72	121.58	10.666	31.691	214.57	529.43	9.7688	83.003

#1	-.00600	.00030	-.00186	-.00239	-.00104	-.00756	.00324	-.00004
#2	.00010	.00002	-.00151	-.00152	-.00116	.00416	.00348	-.00000
#3	-.00016	.00117	-.00164	-.00136	.00073	.00003	.00392	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	1.9713	.00054	-.00003	.00688	.00592	.00009	.44382
Stddev	.00004	.0094	.00017	.00017	.00059	.00830	.00006	.03210
%RSD	19.400	.47568	30.329	507.55	8.5785	140.15	63.222	7.2335

#1	.00017	1.9606	.00037	-.00003	.00688	-.00235	.00014	.47532
#2	.00025	1.9751	.00069	-.00021	.00629	.00586	.00009	.44498
#3	.00023	1.9781	.00058	.00014	.00747	.01426	.00003	.41115

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00027	2.8111	-.00000	.00811	.37833	.00009	.00168
Stddev	.00034	.00020	.0039	.00045	.00016	.02299	.00022	.00402
%RSD	23.116	74.258	.13923	9176.3	2.0138	6.0762	245.52	239.01

#1	.00179	.00027	2.8113	-.00019	.00821	.39552	.00030	.00199
#2	.00145	.00007	2.8071	-.00033	.00821	.38725	-.00014	.00553
#3	.00112	.00047	2.8150	.00051	.00793	.35222	.00012	-.00248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24361	.78920	-.00271	.00035	-.00641	.0052	.00940	.94768
Stddev	.00049	.00083	.00045	.00188	.00023	.0011	.00008	.32008
%RSD	.19910	.10496	16.547	540.38	3.5630	21.45	.88951	33.776

#1	.24407	.78983	-.00225	.00109	-.00652	.0064	.00932	1.3071
#2	.24311	.78951	-.00273	-.00179	-.00657	.0042	.00940	.69334
#3	.24365	.78826	-.00315	.00174	-.00615	.0049	.00949	.84260

Sample Name: J6358-17 Acquired: 12/21/2018 15:50:14 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .19723
 Stddev .15252
 %RSD 77.330

#1 .20904
 #2 .34351
 #3 .03915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.5	47115.	4715.2	106.38	4046.4
Stddev	6.2	642.	10.8	1.39	13.3
%RSD	.18320	1.3617	.22910	1.3059	.32951

#1	3379.7	46375.	4703.7	105.68	4061.7
#2	3390.6	47513.	4716.5	105.48	4037.2
#3	3380.1	47456.	4725.2	107.98	4040.3

Sample Name: J6357-05DL2X100 Acquired: 12/21/2018 15:57:41 Type: Unk
Method: P4-ICP2(v2678) 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	.03844	-.00020	.18810	.00350	-.00401	8.8972	.10208	.00053
Stddev	.00449	.00058	.00080	.00232	.00061	.0969	.00045	.00008
%RSD	11.681	295.08	.42346	66.477	15.275	1.0890	.44281	16.049

#1	.03337	.00037	.18858	.00601	-.00332	8.8270	.10191	.00051
#2	.04190	-.00016	.18718	.00142	-.00422	8.8569	.10173	.00062
#3	.04005	-.00080	.18854	.00307	-.00449	9.0078	.10259	.00045

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	47.110	.51711	.01545	3.1838	20.114	.11440	5.6626
Stddev	.00005	.354	.00219	.00014	.0177	.203	.00066	.0475
%RSD	10.718	.75069	.42263	.88380	.55647	1.0086	.57472	.83939

#1	-.00045	46.959	.51718	.01534	3.2028	19.890	.11482	5.6681
#2	-.00048	46.857	.51925	.01540	3.1678	20.164	.11474	5.6125
#3	-.00056	47.514	.51488	.01560	3.1806	20.286	.11364	5.7071

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02635	.00084	.68821	.05056	.37829	1.1930	.00250	.00907
Stddev	.00069	.00030	.00487	.00011	.00313	.0089	.00008	.00506
%RSD	2.6303	36.095	.70800	.22532	.82640	.74220	3.2108	55.807

#1	.02606	.00093	.68875	.05047	.37556	1.1993	.00256	.01246
#2	.02585	.00050	.69280	.05052	.38170	1.1969	.00253	.01150
#3	.02714	.00109	.68310	.05069	.37761	1.1829	.00241	.00325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10649	.18759	.02501	.35261	.01060	.3136	.06058	2.1921
Stddev	.00087	.01580	.00075	.00135	.00056	.0038	.00034	.1780
%RSD	.81668	8.4246	2.9988	.38372	5.3008	1.223	.55444	8.1195

#1	.10740	.20577	.02586	.35109	.01005	.3179	.06066	2.0300
#2	.10568	.17988	.02474	.35368	.01058	.3106	.06021	2.1637
#3	.10638	.17713	.02443	.35307	.01118	.3122	.06087	2.3826

Sample Name: J6357-05DL2X100 Acquired: 12/21/2018 15:57:41 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6379
Stddev .2616
%RSD 9.9159

#1 2.6978
#2 2.8643
#3 2.3516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.7	44345.	4588.7	99.605	3642.3
Stddev	19.9	38.	26.2	.523	18.6
%RSD	.62247	.08552	.57072	.52522	.51016

#1	3183.0	44304.	4570.8	100.01	3623.2
#2	3222.8	44352.	4576.4	99.015	3660.3
#3	3205.2	44379.	4618.7	99.789	3643.4

Sample Name: J6357-06DL2X100 Acquired: 12/21/2018 16:01:42 Type: Unk
Method: P4-ICP2(v2678) 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	.03830	-.00088	.40082	.00024	-.00185	9.8496	.18203	.00107
Stddev	.00314	.00055	.00254	.00101	.00069	.0644	.00086	.00001
%RSD	8.1949	62.753	.63365	429.35	37.582	.65357	.47020	.50721

#1	.03838	-.00045	.40288	.00139	-.00253	9.7878	.18109	.00107
#2	.03512	-.00150	.40160	-.00051	-.00188	9.8447	.18223	.00108
#3	.04140	-.00068	.39798	-.00017	-.00114	9.9163	.18277	.00108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	49.004	.40058	.02953	3.9723	35.529	.12477	6.2512
Stddev	.00014	.619	.00065	.00005	.0074	.427	.00041	.0191
%RSD	13.936	1.2632	.16331	.15486	.18658	1.2009	.32527	.30612

#1	-.00083	48.564	.40133	.02957	3.9756	35.082	.12476	6.2296
#2	-.00107	49.712	.40025	.02953	3.9774	35.932	.12438	6.2584
#3	-.00108	48.736	.40015	.02948	3.9638	35.571	.12519	6.2658

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04954	.00101	.87755	.03822	1.2099	1.4702	.00499	.00443
Stddev	.00013	.00031	.01210	.00046	.0212	.0130	.00016	.00955
%RSD	.26937	30.868	1.3793	1.2129	1.7554	.88122	3.1105	215.67

#1	.04969	.00125	.86549	.03858	1.1904	1.4572	.00483	.00083
#2	.04943	.00113	.87746	.03770	1.2325	1.4701	.00514	.01526
#3	.04949	.00066	.88969	.03839	1.2070	1.4831	.00499	-.00280

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14295	.26011	.05130	.41348	.01021	.2811	.07546	2.4440
Stddev	.00201	.01534	.00111	.00503	.00090	.0018	.00066	.1000
%RSD	1.4040	5.8968	2.1658	1.2164	8.7847	.6567	.87468	4.0910

#1	.14063	.27778	.05073	.40778	.01061	.2795	.07481	2.5501
#2	.14421	.25023	.05258	.41730	.01084	.2806	.07613	2.3516
#3	.14400	.25232	.05060	.41537	.00918	.2831	.07544	2.4304

Sample Name: J6357-06DL2X100 Acquired: 12/21/2018 16:01:42 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9078
 Stddev .4839
 %RSD 9.8603

#1 5.4661
 #2 4.6488
 #3 4.6084

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.7	44324.	4556.6	98.915	3616.9
Stddev	10.9	96.	32.2	1.536	14.7
%RSD	.34151	.21756	.70679	1.5533	.40608

#1	3184.4	44224.	4577.7	100.26	3601.4
#2	3196.4	44416.	4519.6	97.243	3618.7
#3	3206.2	44331.	4572.6	99.238	3630.7

Sample Name: PB115919BL Acquired: 12/21/2018 16:05:42 Type: Unk
Method: P4-ICP2(v2678) 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	.00072	-.00041	-.00248	-.00106	-.00464	-.00218	-.00005
Stddev	.00255	.00080	.00044	.00026	.00123	.00586	.00022	.00000
%RSD	154.54	110.59	107.14	10.436	116.27	126.26	10.105	6.1716
#1	-.00069	-.00018	-.00085	-.00277	-.00248	-.00813	-.00233	-.00005
#2	-.00453	.00134	-.00043	-.00241	-.00033	.00212	-.00228	-.00004
#3	.00028	.00100	.00004	-.00226	-.00036	-.00791	-.00192	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01878	-.00036	-.00006	-.00069	.00825	.00004	-.02670
Stddev	.00006	.01561	.00025	.00011	.00044	.00364	.00001	.00892
%RSD	402.35	83.106	68.334	200.68	63.320	44.108	30.225	33.391
#1	-.00005	-.01750	-.00021	.00006	-.00100	.00661	.00003	-.01956
#2	.00004	-.00385	-.00064	-.00017	-.00019	.01242	.00005	-.02386
#3	.00006	-.03499	-.00023	-.00005	-.00088	.00572	.00005	-.03669
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	.00016	.02950	-.00035	.00013	.01968	.00007	-.00294
Stddev	.00031	.00046	.00540	.00027	.00006	.02415	.00005	.00211
%RSD	56.111	292.56	18.312	75.807	44.303	122.73	65.136	71.669
#1	.00025	-.00026	.02518	-.00015	.00011	-.00351	.00010	-.00423
#2	.00053	.00008	.02777	-.00066	.00019	.01786	.00002	-.00051
#3	.00087	.00065	.03555	-.00025	.00008	.04469	.00010	-.00409
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	.00025	-.00167	-.00100	-.00402	.0031	-.00012	F 1.8104
Stddev	.00196	.00135	.00030	.00095	.00043	.0005	.00003	.3400
%RSD	147.38	534.90	17.942	94.770	10.721	16.22	26.495	18.780
#1	.00059	-.00044	-.00184	.00007	-.00353	.0035	-.00013	2.1018
#2	-.00125	-.00061	-.00133	-.00134	-.00431	.0033	-.00009	1.8925
#3	-.00334	.00181	-.00185	-.00174	-.00423	.0026	-.00015	1.4369

Sample Name: PB115919BL Acquired: 12/21/2018 16:05:42 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .34821
Stddev .14885
%RSD 42.746

#1 .20905
#2 .33043
#3 .50515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.2	45337.	4567.9	100.15	3867.9
Stddev	24.7	273.	27.2	1.53	32.9
%RSD	.75472	.60314	.59642	1.5262	.85032

#1	3260.0	45160.	4544.6	98.382	3865.8
#2	3298.3	45198.	4561.3	100.99	3901.8
#3	3252.2	45652.	4597.8	101.07	3836.1

Sample Name: PB115919BS Acquired: 12/21/2018 16:09:51 Type: Unk
Method: P4-ICP2(v2678) 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	.76533	1.8912	.92630	1.8860	.79173	2.0288	.21242
Stddev	.00152	.0038	.00213	.0045	.00728	.0079	.00085
%RSD	.19848	.20208	.22987	.23691	.91913	.38998	.40240

#1	.76483	1.8902	.92605	1.8841	.78516	2.0282	.21189
#2	.76412	1.8880	.92431	1.8828	.79048	2.0369	.21196
#3	.76703	1.8954	.92854	1.8911	.79955	2.0211	.21340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19030	.18357	1.0766	.41397	.19756	.31159	2.9991
Stddev	.00040	.00048	.0199	.00191	.00050	.00062	.0139
%RSD	.20857	.26249	1.8516	.46047	.25471	.19844	.46461

#1	.19065	.18353	1.0537	.41598	.19721	.31144	2.9879
#2	.18987	.18311	1.0897	.41372	.19733	.31106	3.0147
#3	.19038	.18407	1.0865	.41220	.19814	.31227	2.9948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21283	2.0313	.48058	.06739	3.0647	.29879	.20540
Stddev	.00030	.0515	.00179	.00062	.0176	.00068	.00010
%RSD	.14135	2.5333	.37349	.92191	.57304	.22770	.04771

#1	.21313	1.9764	.47973	.06689	3.0445	.29942	.20551
#2	.21252	2.0389	.47937	.06808	3.0740	.29807	.20535
#3	.21283	2.0785	.48264	.06719	3.0757	.29888	.20533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6826	.39757	.27946	F .01357	.83744	.60928	.19628
Stddev	.0263	.00179	.00139	.00163	.00333	.00338	.00378
%RSD	.27218	.44912	.49625	12.015	.39757	.55439	1.9272

#1	9.6522	.39692	.27967	.01528	.83911	.60796	.19220
#2	9.6964	.39619	.28074	.01339	.83360	.60675	.19695
#3	9.6992	.39958	.27798	.01204	.83960	.61311	.19967

Sample Name: PB115919BS Acquired: 12/21/2018 16:09:51 Type: Unk
 Method: P4-ICP2(v2678) 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	.20376	4.998	.20637	F 2.2011	F<.00000
Stddev	.00145	.014	.00035	.1223	.13243
%RSD	.71048	.2727	.16898	5.5576	8.4562
#1	.20210	4.996	.20612	2.3217	-1.4749
#2	.20440	4.986	.20623	2.2045	-1.5055
#3	.20477	5.013	.20677	2.0771	-1.7180
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.4	45349.	4551.6	100.29	3781.7
Stddev	2.2	225.	9.5	.35	4.0
%RSD	.06785	.49671	.20892	.35209	.10576
#1	3233.2	45113.	4548.9	99.984	3779.8
#2	3231.9	45372.	4562.2	100.21	3786.3
#3	3228.9	45561.	4543.8	100.68	3779.1

Sample Name: PB115930BL Acquired: 12/21/2018 16:13:42 Type: Unk
Method: P4-ICP2(v2678) 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	-.00055	.00110	.00012	-.00135	-.00119	-.00245	-.00239	-.00001
Stddev	.00208	.00073	.00050	.00183	.00106	.00272	.00019	.00003
%RSD	380.77	65.834	412.85	135.43	88.387	110.98	7.8929	353.73
#1	-.00031	.00027	.00046	.00076	-.00084	-.00130	-.00254	-.00004
#2	-.00273	.00160	-.00046	-.00229	-.00238	-.00050	-.00246	.00002
#3	.00141	.00144	.00036	-.00252	-.00036	-.00557	-.00218	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01153	.00014	.00003	-.00018	.00998	.00006	.04043
Stddev	.00006	.00662	.00038	.00008	.00031	.01280	.00003	.03087
%RSD	132.04	57.430	266.31	244.45	179.66	128.26	51.444	76.348
#1	-.00010	-.00406	.00044	.00007	-.00052	.01562	.00004	.05823
#2	-.00004	-.01387	.00028	.00009	-.00009	.01898	.00005	.05827
#3	.00001	-.01667	-.00029	-.00006	.00009	-.00467	.00009	.00479
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.00042	-.00011	-.00002	.00004	.03649	.00011	-.00155
Stddev	.00022	.00011	.00094	.00036	.00016	.01689	.00017	.00910
%RSD	33.106	27.279	837.38	1920.0	381.22	46.294	163.49	588.12
#1	.00055	.00050	.00038	.00036	.00022	.04383	-.00005	.00134
#2	.00054	.00047	-.00119	-.00007	.00002	.01717	.00029	.00576
#3	.00093	.00029	.00048	-.00035	-.00011	.04846	.00008	-.01174
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.00126	-.00183	-.00224	-.00312	.0021	-.00005	F 1.4782
Stddev	.00263	.00189	.00085	.00170	.00107	.0003	.00006	.1049
%RSD	166.15	149.10	46.157	76.081	34.471	14.37	116.68	7.0989
#1	-.00325	.00078	-.00281	-.00390	-.00435	.0020	-.00009	1.5554
#2	.00145	-.00033	-.00141	-.00050	-.00238	.0018	.00002	1.3587
#3	-.00295	.00334	-.00129	-.00231	-.00262	.0024	-.00007	1.5204

Sample Name: PB115930BL Acquired: 12/21/2018 16:13:42 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37773
Stddev .29482
%RSD 78.050

#1 .11453
#2 .69632
#3 .32234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3301.5	46017.	4597.8	100.50	3889.9
Stddev	4.6	159.	21.9	1.37	17.0
%RSD	.13883	.34505	.47554	1.3635	.43716

#1	3298.1	45837.	4587.4	98.920	3896.8
#2	3306.7	46077.	4583.0	101.18	3870.5
#3	3299.7	46137.	4622.9	101.40	3902.4

Sample Name: PB115930BS Acquired: 12/21/2018 16:17:52 Type: Unk
Method: P4-ICP2(v2678) 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	.80142	1.9876	.97201	1.9850	.83333	2.1414	.22366	.20125
Stddev	.00390	.0088	.00476	.0075	.00673	.0068	.00177	.00050
%RSD	.48689	.44152	.48997	.37727	.80723	.31687	.79220	.24802
#1	.80575	1.9915	.97304	1.9903	.83619	2.1354	.22295	.20122
#2	.79818	1.9776	.96681	1.9764	.82565	2.1488	.22236	.20176
#3	.80032	1.9938	.97616	1.9883	.83816	2.1401	.22568	.20076
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19222	1.1151	.43548	.20702	.32680	3.2034	.22431	2.0788
Stddev	.00078	.0166	.00206	.00102	.00054	.0199	.00081	.0346
%RSD	.40550	1.4861	.47403	.49311	.16463	.62194	.36076	1.6628
#1	.19241	1.1279	.43607	.20726	.32704	3.2063	.22435	2.0881
#2	.19137	1.0964	.43717	.20590	.32619	3.1822	.22510	2.0405
#3	.19290	1.1212	.43318	.20790	.32718	3.2217	.22348	2.1078
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50249	.06991	3.2097	.31548	.21445	10.251	.41891	.30426
Stddev	.00163	.00035	.0257	.00045	.00186	.107	.00224	.01181
%RSD	.32438	.50344	.80073	.14361	.86586	1.0415	.53571	3.8811
#1	.50327	.07032	3.1911	.31594	.21525	10.166	.41941	.30509
#2	.50062	.06969	3.1990	.31545	.21233	10.215	.41646	.29206
#3	.50359	.06972	3.2390	.31504	.21578	10.371	.42087	.31563
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00163	.88735	.63801	.20664	.21444	F 5.255	F .21714	1.9537
Stddev	.00177	.00426	.00213	.00114	.00229	.019	.00243	.0431
%RSD	109.12	.47983	.33329	.55116	1.0667	.3624	1.1176	2.2071
#1	.00112	.88732	.63708	.20577	.21596	5.264	.21781	1.9328
#2	.00360	.88311	.63650	.20622	.21181	5.233	.21445	2.0033
#3	.00016	.89162	.64044	.20793	.21555	5.267	.21916	1.9250

Sample Name: PB115930BS Acquired: 12/21/2018 16:17:52 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.16585
%RSD	12.710

#1	-1.1407
#2	-1.3015
#3	-1.4724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.5	45309.	4533.5	99.248	3791.4
Stddev	14.7	172.	40.1	.818	17.5
%RSD	.45315	.38008	.88362	.82448	.46083

#1	3226.4	45237.	4541.6	98.727	3778.3
#2	3254.8	45184.	4568.9	100.19	3811.3
#3	3234.3	45505.	4490.0	98.825	3784.8

Sample Name: PB115930TB Acquired: 12/21/2018 16:21:41 Type: Unk
Method: P4-ICP2(v2678) 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	-.00327	-.00128	-.00213	.00107	-.00047	-.00374	-.00361	-.00014
Stddev	.00136	.00036	.00175	.00299	.00127	.00864	.00046	.00005
%RSD	41.499	27.846	82.001	280.81	272.09	230.87	12.894	35.339
#1	-.00480	-.00098	-.00415	-.00190	.00038	-.00956	-.00403	-.00009
#2	-.00223	-.00167	-.00125	.00408	-.00192	.00618	-.00368	-.00013
#3	-.00277	-.00118	-.00100	.00102	.00015	-.00785	-.00311	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00874	.00041	-.00027	-.00068	.01082	.00018	-.00017
Stddev	.00007	.00645	.00029	.00009	.00049	.00472	.00002	.00349
%RSD	63.397	73.870	72.241	33.480	72.415	43.590	10.488	2105.5
#1	-.00014	-.01135	.00059	-.00017	-.00121	.00755	.00019	-.00342
#2	-.00003	-.00139	.00056	-.00033	-.00058	.00869	.00016	.00352
#3	-.00014	-.01347	.00007	-.00032	-.00024	.01623	.00018	-.00059
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00217	F 321.21	-.00001	.00405	.08797	.00034	.00204
Stddev	.00032	.00026	1.44	.00058	.00008	.03220	.00010	.00504
%RSD	10.538	11.913	.44807	6349.4	1.8820	36.603	29.694	246.92
#1	.00268	.00247	320.41	.00065	.00409	.08189	.00045	-.00374
#2	.00330	.00200	322.87	-.00045	.00396	.05924	.00027	.00553
#3	.00313	.00205	320.36	-.00022	.00410	.12277	.00029	.00432
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	.00763	-.00086	-.00108	-.00191	.0021	-.00003	F 3.5550
Stddev	.00058	.00187	.00050	.00077	.00077	.0015	.00002	.0432
%RSD	11.190	24.522	58.654	70.788	40.279	70.14	73.411	1.2147
#1	.00464	.00968	-.00137	-.00194	-.00195	.0038	-.00002	3.6013
#2	.00579	.00600	-.00084	-.00085	-.00265	.0010	-.00005	3.5477
#3	.00513	.00722	-.00037	-.00046	-.00112	.0015	-.00001	3.5159

Sample Name: PB115930TB Acquired: 12/21/2018 16:21:41 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .36528
Stddev .32455
%RSD 88.848

#1 .73187
#2 .11461
#3 .24937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.2	42339.	4555.8	98.691	3379.2
Stddev	14.3	176.	31.2	.725	11.2
%RSD	.46621	.41527	.68577	.73511	.33162

#1	3056.9	42137.	4521.7	98.111	3366.2
#2	3079.0	42432.	4562.5	99.505	3385.4
#3	3083.7	42450.	4583.1	98.457	3385.8

Sample Name: PB115920BL Acquired: 12/21/2018 16:25:57 Type: Unk
Method: P4-ICP2(v2678) 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	.00025	-.00061	-.00090	-.00034	-.00179	-.00206	-.00006
Stddev	.00320	.00009	.00037	.00155	.00053	.00279	.00052	.00006
%RSD	197.63	36.543	60.285	170.96	153.49	155.57	25.071	102.42
#1	.00138	.00022	-.00104	.00074	-.00089	-.00466	-.00223	-.00012
#2	-.00125	.00017	-.00041	-.00232	.00016	-.00163	-.00248	-.00006
#3	-.00498	.00035	-.00039	-.00113	-.00030	.00091	-.00148	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01056	.00016	-.00006	-.00053	.00247	.00007	-.01013
Stddev	.00005	.01481	.00051	.00003	.00016	.00781	.00002	.04926
%RSD	370.32	140.31	324.69	48.947	29.890	316.00	24.204	486.36
#1	-.00004	-.00749	-.00037	-.00008	-.00036	-.00341	.00009	-.06168
#2	.00006	-.02666	.00064	-.00005	-.00054	.01132	.00006	-.00518
#3	.00003	.00248	.00020	-.00003	-.00068	-.00050	.00006	.03647
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00015	.08085	-.00006	-.00012	.04534	.00006	-.00024
Stddev	.00026	.00016	.00200	.00017	.00012	.01576	.00029	.00926
%RSD	50.852	107.03	2.4773	270.30	96.706	34.762	494.80	3933.5
#1	.00043	-.00001	.08292	-.00008	-.00008	.02792	-.00001	.00467
#2	.00081	.00015	.08072	.00011	-.00003	.04951	.00037	-.01091
#3	.00031	.00032	.07892	-.00022	-.00025	.05860	-.00019	.00553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	.00059	-.00160	-.00012	-.00345	.0026	-.00013	F 1.4283
Stddev	.00213	.00136	.00051	.00141	.00004	.0004	.00009	.2150
%RSD	72.471	231.11	31.751	1211.4	1.1382	14.85	69.257	15.050
#1	-.00114	.00202	-.00194	.00086	-.00350	.0023	-.00011	1.3531
#2	-.00240	-.00068	-.00184	.00053	-.00344	.0030	-.00022	1.2609
#3	-.00530	.00042	-.00102	-.00174	-.00343	.0026	-.00005	1.6707

Sample Name: PB115920BL Acquired: 12/21/2018 16:25:57 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .15614
Stddev .22400
%RSD 143.46

#1 .24135
#2 -.09796
#3 .32504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3298.3	46088.	4646.3	102.99	3897.5
Stddev	4.8	350.	32.9	.32	5.1
%RSD	.14669	.76038	.70795	.30646	.12959

#1	3303.2	46095.	4613.1	102.63	3901.5
#2	3298.1	46435.	4678.9	103.18	3899.3
#3	3293.5	45734.	4647.0	103.17	3891.8

Sample Name: PB115920BS Acquired: 12/21/2018 16:30:05 Type: Unk
Method: P4-ICP2(v2678) 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	.70531	1.7616	.86322	1.7351	.72866	1.9028	.19605
Stddev	.00273	.0119	.00675	.0019	.00242	.0257	.00064
%RSD	.38775	.67427	.78190	.10682	.33253	1.3507	.32847

#1	.70367	1.7487	.85558	1.7373	.72796	1.8792	.19632
#2	.70847	1.7641	.86571	1.7340	.72666	1.8991	.19650
#3	.70380	1.7720	.86837	1.7341	.73135	1.9302	.19531

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17660	.17076	.95151	.38050	.18354	.28870	2.8205
Stddev	.00027	.00095	.01341	.00057	.00117	.00068	.0372
%RSD	.15258	.55778	1.4092	.15098	.63551	.23713	1.3199

#1	.17667	.16968	.95218	.37999	.18222	.28927	2.7798
#2	.17683	.17112	.96458	.38112	.18400	.28794	2.8288
#3	.17631	.17148	.93779	.38038	.18441	.28888	2.8528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19709	1.8239	.44504	.06258	2.8471	.27569	.17842
Stddev	.00061	.0378	.00298	.00017	.0204	.00147	.00075
%RSD	.31180	2.0704	.66849	.27383	.71532	.53222	.41855

#1	.19652	1.7830	.44164	.06261	2.8287	.27429	.17756
#2	.19774	1.8312	.44629	.06239	2.8690	.27721	.17894
#3	.19701	1.8575	.44718	.06273	2.8437	.27557	.17876

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9990	.36417	.26138	F -.00468	.75579	F .55745	.18099
Stddev	.0323	.00126	.00391	.00157	.00574	.00350	.00084
%RSD	.35937	.34549	1.4968	33.568	.75980	.62756	.46424

#1	8.9640	.36283	.26569	-.00503	.76222	.55342	.18060
#2	9.0052	.36436	.25804	-.00296	.75399	.55971	.18043
#3	9.0278	.36533	.26042	-.00604	.75116	.55923	.18196

Sample Name: PB115920BS Acquired: 12/21/2018 16:30:05 Type: Unk
Method: P4-ICP2(v2678) 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	.18706	F 4.626	.19150	F 1.9312	F<.00000
Stddev	.00074	.021	.00094	.2068	.37144
%RSD	.39373	.4646	.48966	10.709	30.691
#1	.18736	4.601	.19053	1.8019	-1.0550
#2	.18760	4.637	.19240	2.1697	-.94160
#3	.18622	4.639	.19156	1.8220	-1.6341
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.2	45558.	4616.9	100.54	3790.7
Stddev	3.4	92.	31.4	.35	14.3
%RSD	.10448	.20198	.67960	.35265	.37657
#1	3245.3	45548.	4594.9	100.89	3806.0
#2	3251.0	45471.	4603.0	100.18	3788.1
#3	3251.4	45654.	4652.9	100.54	3777.9

Sample Name: CCV04 Acquired: 12/21/2018 16:42:56 Type: Unk
Method: P4-ICP2(v2678) 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	5.2852	5.1144	5.0621	5.2395	5.3864	10.743	10.576	.26391
Stddev	.0228	.0272	.0314	.0211	.0210	.034	.077	.00072
%RSD	.43139	.53240	.61975	.40197	.38910	.31629	.73215	.27419
#1	5.2647	5.0829	5.0269	5.2152	5.3672	10.708	10.607	.26412
#2	5.3098	5.1305	5.0872	5.2510	5.4087	10.776	10.632	.26311
#3	5.2812	5.1297	5.0722	5.2524	5.3832	10.745	10.487	.26451
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5507	26.105	1.0325	2.5847	1.3131	5.0646	2.6374	24.995
Stddev	.0140	.259	.0012	.0147	.0063	.0583	.0013	.088
%RSD	.54908	.99029	.11132	.57051	.47775	1.1511	.04802	.35227
#1	2.5345	26.218	1.0318	2.5677	1.3067	5.0893	2.6384	25.046
#2	2.5583	26.288	1.0338	2.5930	1.3192	5.1066	2.6378	25.046
#3	2.5593	25.809	1.0319	2.5934	1.3134	4.9981	2.6360	24.893
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5177	1.2480	24.928	2.4855	2.5382	24.425	5.1107	5.0649
Stddev	.0148	.0008	.173	.0059	.0561	.146	.0226	.0266
%RSD	.58803	.06465	.69538	.23755	2.2122	.59927	.44302	.52570
#1	2.5007	1.2484	24.996	2.4901	2.5633	24.496	5.0846	5.0392
#2	2.5277	1.2485	25.057	2.4874	2.5774	24.522	5.1222	5.0631
#3	2.5248	1.2471	24.731	2.4788	2.4738	24.256	5.1253	5.0924
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9626	4.8200	4.9288	5.2001	5.1437	5.138	5.3910	F 3.7875
Stddev	.0349	.0645	.0294	.0116	.0401	.027	.0430	.1672
%RSD	.70300	1.3376	.59701	.22339	.77866	.5305	.79708	4.4150
#1	4.9237	4.8634	4.8948	5.2004	5.1587	5.107	5.4023	3.7787
#2	4.9911	4.8507	4.9465	5.2116	5.1741	5.155	5.4272	3.9589
#3	4.9730	4.7459	4.9450	5.1883	5.0983	5.152	5.3435	3.6248

Sample Name: CCV04 Acquired: 12/21/2018 16:42:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5756
Stddev .2759
%RSD 10.714

#1 2.3258
#2 2.5292
#3 2.8718

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.3	42979.	4487.5	95.631	3403.2
Stddev	5.9	164.	66.0	2.153	13.9
%RSD	.18987	.38068	1.4698	2.2517	.40731

#1	3120.2	42995.	4452.7	94.524	3418.9
#2	3110.4	42807.	4446.2	94.256	3397.8
#3	3109.5	43133.	4563.5	98.112	3392.8

Sample Name: CCB04 Acquired: 12/21/2018 16:46:35 Type: Unk
Method: P4-ICP2(v2678) 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	-.00175	.00080	-.00018	-.00211	-.00050	.00178	-.00203	-.00002
Stddev	.00222	.00094	.00072	.00211	.00052	.00396	.00073	.00005
%RSD	127.14	116.72	404.35	100.11	103.61	222.80	36.085	220.53
#1	-.00428	.00175	.00054	-.00355	-.00034	-.00120	-.00286	-.00003
#2	-.00016	-.00012	-.00017	.00031	-.00008	.00627	-.00150	.00003
#3	-.00079	.00078	-.00091	-.00309	-.00108	.00027	-.00172	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.02553	-.00006	.00004	-.00059	.00979	.00006	-.00562
Stddev	.00007	.00639	.00027	.00017	.00012	.00354	.00001	.05975
%RSD	140.80	25.039	462.20	407.80	19.565	36.118	21.823	1063.0
#1	.00011	-.03183	.00002	.00001	-.00064	.00695	.00005	.04312
#2	.00007	-.02570	-.00036	.00022	-.00046	.01375	.00006	-.07228
#3	-.00003	-.01905	.00016	-.00011	-.00068	.00867	.00007	.01230
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00023	-.01192	-.00040	-.00008	.04271	.00020	.00980
Stddev	.00015	.00058	.01099	.00037	.00007	.01870	.00015	.00356
%RSD	68.973	248.41	92.175	90.457	83.716	43.785	73.263	36.383
#1	.00010	.00087	-.02445	-.00015	-.00006	.06410	.00005	.00976
#2	.00017	.00008	-.00740	-.00082	-.00016	.02945	.00021	.01338
#3	.00038	-.00025	-.00391	-.00024	-.00003	.03459	.00035	.00625
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00308	.00065	-.00122	.00016	-.00325	.0026	-.00003	F 2.1546
Stddev	.00249	.00234	.00005	.00121	.00073	.0007	.00005	.2398
%RSD	81.006	361.15	3.9074	770.83	22.562	26.35	137.52	11.129
#1	-.00560	.00041	-.00119	-.00073	-.00391	.0021	-.00000	2.1276
#2	-.00061	.00310	-.00119	-.00033	-.00337	.0033	-.00009	2.4067
#3	-.00303	-.00156	-.00127	.00153	-.00246	.0022	-.00001	1.9295

Sample Name: CCB04 Acquired: 12/21/2018 16:46:35 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .21270
Stddev	.21593
%RSD	101.52

#1	.03921
#2	.45453
#3	.14436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.8	45244.	4578.3	100.93	3861.4
Stddev	2.4	132.	15.3	.85	13.3
%RSD	.07350	.29148	.33516	.84097	.34384

#1	3267.7	45123.	4560.6	100.52	3873.6
#2	3268.7	45224.	4587.4	101.90	3847.3
#3	3264.1	45385.	4586.9	100.36	3863.3

Sample Name: PB115922BL Acquired: 12/21/2018 16:50:43 Type: Unk
Method: P4-ICP2(v2678) 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	.00031	.00157	-.00007	-.00163	-.00100	-.00108	-.00284	-.00002
Stddev	.00065	.00035	.00044	.00127	.00111	.00675	.00045	.00005
%RSD	211.71	22.401	610.11	77.643	110.46	624.92	15.825	243.72
#1	.00053	.00198	.00026	-.00187	-.00226	-.00491	-.00240	.00004
#2	.00083	.00136	.00010	-.00026	-.00055	.00671	-.00330	-.00003
#3	-.00043	.00137	-.00057	-.00276	-.00020	-.00503	-.00282	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00699	-.00015	-.00002	-.00011	.00118	.00004	.00644
Stddev	.00005	.01131	.00020	.00013	.00017	.00298	.00003	.01596
%RSD	1815.9	161.85	134.90	795.36	159.42	252.52	82.500	247.90
#1	-.00004	-.01300	.00005	-.00016	-.00021	.00069	.00000	-.01192
#2	-.00001	-.01403	-.00035	.00010	.00009	-.00153	.00007	.01428
#3	.00005	.00606	-.00015	.00001	-.00019	.00437	.00005	.01695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00026	-.03012	-.00032	-.00024	.03212	.00017	.00248
Stddev	.00008	.00027	.01079	.00003	.00002	.02108	.00017	.00541
%RSD	12.189	106.52	35.835	9.5839	10.068	65.629	103.26	218.15
#1	.00069	-.00005	-.03953	-.00032	-.00025	.03351	.00020	.00372
#2	.00054	.00045	-.03249	-.00029	-.00025	.01038	-.00002	.00716
#3	.00063	.00037	-.01834	-.00035	-.00021	.05248	.00032	-.00344
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00018	-.00171	.00024	-.00426	.0012	-.00008	F 2.2730
Stddev	.00073	.00099	.00044	.00063	.00178	.0007	.00006	.1265
%RSD	19.095	556.39	25.833	264.03	41.792	60.30	68.558	5.5647
#1	-.00313	-.00112	-.00215	.00096	-.00469	.0015	-.00008	2.1871
#2	-.00458	-.00025	-.00127	-.00022	-.00578	.0016	-.00003	2.2137
#3	-.00375	.00084	-.00170	-.00002	-.00230	.0004	-.00014	2.4182

Sample Name: PB115922BL Acquired: 12/21/2018 16:50:43 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .10999
Stddev	.14036
%RSD	127.61

#1	-.02859
#2	.25206
#3	.10651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.6	45450.	4558.5	100.04	3887.8
Stddev	2.5	157.	7.3	.94	23.8
%RSD	.07603	.34490	.16109	.94328	.61109

#1	3288.3	45282.	4551.3	99.005	3860.4
#2	3283.3	45593.	4558.3	100.26	3900.8
#3	3285.2	45475.	4566.0	100.85	3902.3

Sample Name: PB115922BS Acquired: 12/21/2018 16:54:52 Type: Unk
Method: P4-ICP2(v2678) 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	.78014	1.9161	.93924	1.9117	.80783	2.0767	.21543
Stddev	.00293	.0024	.00219	.0028	.00043	.0084	.00119
%RSD	.37578	.12583	.23265	.14645	.05291	.40380	.55017

#1	.77683	1.9141	.93677	1.9147	.80821	2.0693	.21406
#2	.78241	1.9154	.94004	1.9091	.80737	2.0750	.21607
#3	.78118	1.9188	.94091	1.9113	.80791	2.0858	.21616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19441	.18600	1.1037	.42197	.20104	.31629	3.1174
Stddev	.00037	.00056	.0100	.00210	.00042	.00142	.0422
%RSD	.19198	.29850	.90937	.49744	.20731	.44929	1.3547

#1	.19398	.18536	1.0928	.41968	.20067	.31559	3.1104
#2	.19465	.18635	1.1057	.42380	.20096	.31536	3.1627
#3	.19460	.18630	1.1125	.42242	.20149	.31793	3.0791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21677	2.0182	.48518	.06879	3.0700	.30297	.21071
Stddev	.00063	.0327	.00169	.00051	.0046	.00125	.00293
%RSD	.29079	1.6214	.34908	.74221	.14980	.41281	1.3897

#1	.21605	1.9886	.48324	.06820	3.0654	.30173	.21154
#2	.21720	2.0534	.48639	.06914	3.0701	.30423	.21313
#3	.21708	2.0127	.48590	.06903	3.0746	.30294	.20745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8182	.40353	.28634	F .00471	.84948	.61448	.20047
Stddev	.0186	.00123	.00781	.00087	.00860	.00178	.00062
%RSD	.18910	.30544	2.7290	18.448	1.0122	.28899	.31098

#1	9.7996	.40236	.28273	.00553	.83958	.61243	.20112
#2	9.8183	.40342	.29531	.00480	.85385	.61547	.20042
#3	9.8367	.40481	.28100	.00380	.85502	.61555	.19988

Sample Name: PB115922BS Acquired: 12/21/2018 16:54:52 Type: Unk
Method: P4-ICP2(v2678) 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	.20544	F 5.066	.21067	F 2.1796	F<.00000
Stddev	.00093	.012	.00082	.2300	.20478
%RSD	.45375	.2270	.38825	10.553	12.173
#1	.20456	5.053	.21025	2.4041	-1.4856
#2	.20535	5.070	.21014	2.1901	-1.6667
#3	.20642	5.075	.21161	1.9445	-1.8943
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3241.2	45383.	4565.5	99.076	3814.5
Stddev	5.9	95.	9.6	1.631	4.9
%RSD	.18334	.21023	.20954	1.6464	.12848
#1	3234.7	45371.	4554.7	98.370	3810.2
#2	3242.6	45294.	4573.0	97.916	3813.5
#3	3246.4	45484.	4568.9	100.94	3819.9

Sample Name: PB115931BL Acquired: 12/21/2018 16:58:41 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00087	-.00091	-.00113	-.00056	-.00732	-.00212	-.00002
Stddev	.00106	.00099	.00090	.00130	.00204	.00174	.00045	.00003
%RSD	176.22	113.52	98.513	115.63	360.76	23.761	21.240	181.06
#1	.00040	.00028	-.00074	-.00018	.00027	-.00932	-.00216	-.00004
#2	-.00172	.00032	-.00011	-.00059	.00092	-.00637	-.00166	.00002
#3	-.00049	.00201	-.00188	-.00262	-.00289	-.00625	-.00256	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00768	.00005	.00010	-.00050	.00202	.00006	-.00644
Stddev	.00004	.01046	.00030	.00002	.00019	.00316	.00004	.03435
%RSD	598.92	136.18	643.86	22.206	38.683	155.89	57.233	532.95
#1	.00001	.00426	.00020	.00007	-.00028	.00463	.00010	-.02718
#2	.00005	-.01521	-.00030	.00012	-.00058	.00293	.00006	.03320
#3	-.00004	-.01210	.00023	.00010	-.00064	-.00149	.00002	-.02536
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00003	-.03508	.00008	-.00035	-.00335	.00006	-.00173
Stddev	.00016	.00038	.00512	.00040	.00006	.03757	.00013	.00277
%RSD	34.409	1129.8	14.589	511.63	17.811	1122.8	220.19	160.30
#1	.00063	.00039	-.03933	-.00037	-.00040	-.04620	-.00004	.00146
#2	.00035	-.00035	-.02940	.00018	-.00028	.01224	.00001	-.00357
#3	.00038	-.00014	-.03651	.00042	-.00035	.02392	.00021	-.00308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	-.00102	-.00118	-.00133	-.00434	.0024	-.00004	F 1.8722
Stddev	.00145	.00041	.00029	.00058	.00071	.0014	.00002	.1437
%RSD	74.699	40.073	24.340	43.502	16.474	60.74	47.902	7.6742
#1	-.00178	-.00090	-.00151	-.00066	-.00489	.0040	-.00007	1.8206
#2	-.00058	-.00147	-.00096	-.00170	-.00353	.0018	-.00003	2.0345
#3	-.00347	-.00067	-.00108	-.00163	-.00459	.0013	-.00003	1.7614

Sample Name: PB115931BL Acquired: 12/21/2018 16:58:41 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.00224
Stddev	.16407
%RSD	7339.3

#1	-.13932
#2	-.03603
#3	.18206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.4	45788.	4583.4	101.37	3891.2
Stddev	4.9	36.	8.2	.56	13.3
%RSD	.14935	.07909	.17866	.55208	.34108

#1	3282.7	45830.	4574.1	101.58	3899.8
#2	3291.8	45766.	4586.3	101.80	3875.9
#3	3290.6	45768.	4589.7	100.74	3897.9

Sample Name: PB115931TB Acquired: 12/21/2018 17:07:08 Type: Unk
Method: P4-ICP2(v2678) 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	-.00498	-.00170	-.00049	.00393	-.00006	.00807	-.00291	-.00009
Stddev	.00076	.00058	.00061	.00208	.00041	.00481	.00047	.00002
%RSD	15.299	34.124	123.11	52.879	641.34	59.591	16.048	16.594

#1	-.00505	-.00104	.00018	.00628	.00021	.00295	-.00310	-.00009
#2	-.00418	-.00214	-.00101	.00237	-.00053	.01250	-.00238	-.00011
#3	-.00570	-.00191	-.00065	.00313	.00013	.00876	-.00326	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.01390	.00052	-.00022	-.00039	.03502	.00018	-.00278
Stddev	.00002	.00583	.00012	.00013	.00016	.00335	.00004	.00738
%RSD	13.015	41.971	23.670	59.963	41.124	9.5575	19.872	265.83

#1	-.00014	.02063	.00048	-.00014	-.00057	.03849	.00017	-.00887
#2	-.00013	.01080	.00066	-.00037	-.00027	.03182	.00015	.00543
#3	-.00016	.01028	.00043	-.00015	-.00033	.03475	.00022	-.00489

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	.00192	F 302.44	.00006	.00374	.07642	.00036	.00390
Stddev	.00031	.00010	2.47	.00031	.00014	.02099	.00028	.00915
%RSD	10.967	5.2172	.81528	517.80	3.8469	27.472	76.570	234.55

#1	.00292	.00185	305.27	.00041	.00378	.06540	.00007	.00249
#2	.00250	.00204	300.75	-.00017	.00358	.10063	.00062	.01368
#3	.00311	.00188	301.29	-.00006	.00385	.06323	.00039	-.00446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00639	-.00088	.00075	-.00203	.0030	-.00011	F 3.9607
Stddev	.00212	.00121	.00071	.00094	.00085	.0013	.00005	.1082
%RSD	152.47	18.984	80.085	124.72	41.737	44.32	45.291	2.7328

#1	.00330	.00609	-.00074	-.00025	-.00108	.0041	-.00017	3.8556
#2	.00176	.00772	-.00165	.00091	-.00272	.0015	-.00011	4.0718
#3	-.00089	.00535	-.00026	.00160	-.00229	.0034	-.00006	3.9549

Sample Name: PB115931TB Acquired: 12/21/2018 17:07:08 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .59002
Stddev .15125
%RSD 25.635

#1 .69245
#2 .41630
#3 .66132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.7	41799.	4488.0	97.513	3360.7
Stddev	4.2	207.	37.3	1.983	2.3
%RSD	.13949	.49437	.83164	2.0332	.06951

#1	3030.3	41601.	4451.7	96.025	3362.9
#2	3032.4	41783.	4486.0	99.764	3361.0
#3	3038.5	42014.	4526.2	96.750	3358.3

Sample Name: PB115931BS Acquired: 12/21/2018 17:11:26 Type: Unk
Method: P4-ICP2(v2678) 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	.79013	1.9484	.95492	1.9346	.82004	2.0987	.21941
Stddev	.00313	.0083	.00663	.0040	.00074	.0072	.00113
%RSD	.39627	.42583	.69411	.20429	.09005	.34360	.51717

#1	.78843	1.9463	.94989	1.9303	.81938	2.1015	.21933
#2	.79374	1.9575	.96243	1.9380	.81989	2.0905	.21831
#3	.78821	1.9413	.95243	1.9355	.82084	2.1041	.22058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19732	.18936	1.1035	.42768	.20471	.32062	3.1513
Stddev	.00042	.00113	.0094	.00046	.00116	.00028	.0072
%RSD	.21536	.59523	.85438	.10779	.56601	.08774	.22921

#1	.19779	.18869	1.0937	.42780	.20416	.32030	3.1566
#2	.19697	.19066	1.1043	.42718	.20604	.32072	3.1542
#3	.19720	.18872	1.1125	.42808	.20393	.32083	3.1431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22044	2.0389	.49428	.06922	3.1930	.30799	.21312
Stddev	.00054	.0151	.00333	.00036	.0047	.00083	.00142
%RSD	.24531	.73966	.67339	.52268	.14712	.27072	.66567

#1	.22093	2.0485	.49202	.06964	3.1935	.30744	.21163
#2	.21986	2.0215	.49810	.06902	3.1880	.30895	.21445
#3	.22053	2.0468	.49272	.06900	3.1974	.30758	.21328

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9512	.40969	.29521	F .00484	.86410	.62560	.20299
Stddev	.0234	.00146	.01888	.00371	.01189	.00584	.00205
%RSD	.23515	.35749	6.3940	76.623	1.3761	.93281	1.0117

#1	9.9283	.40809	.27345	.00375	.86095	.62525	.20498
#2	9.9501	.41004	.30501	.00180	.87725	.63160	.20312
#3	9.9751	.41096	.30718	.00897	.85410	.61994	.20087

Sample Name: PB115931BS Acquired: 12/21/2018 17:11:26 Type: Unk
Method: P4-ICP2(v2678) 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	.21009	5.157	.21332	F 2.0455	F<.00000
Stddev	.00044	.036	.00021	.1323	.11309
%RSD	.21106	.7050	.10045	6.4695	6.8258
#1	.21059	5.135	.21321	2.0775	-1.6418
#2	.20974	5.199	.21318	1.9001	-1.7766
#3	.20996	5.138	.21356	2.1589	-1.5519
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.1	45167.	4514.6	98.489	3774.2
Stddev	11.4	82.	23.5	.643	30.5
%RSD	.35388	.18104	.52087	.65241	.80875
#1	3218.6	45078.	4532.6	98.825	3776.7
#2	3216.5	45184.	4488.0	97.748	3742.4
#3	3237.2	45239.	4523.2	98.893	3803.3

Sample Name: PB115932BL Acquired: 12/21/2018 17:15:16 Type: Unk
Method: P4-ICP2(v2678) 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	-.00080	.00071	-.00049	.00118	.00069	.00139	-.00112	-.00004
Stddev	.00205	.00149	.00035	.00212	.00089	.00317	.00045	.00003
%RSD	257.55	210.51	71.578	178.86	128.07	227.35	40.184	76.749
#1	-.00109	.00207	-.00084	-.00122	.00073	.00295	-.00134	-.00007
#2	-.00269	-.00088	-.00051	.00278	-.00021	-.00225	-.00141	-.00001
#3	.00138	.00093	-.00013	.00199	.00157	.00348	-.00060	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01182	-.00056	.00002	-.00066	.00358	.00006	.01534
Stddev	.00005	.01090	.00006	.00023	.00024	.00487	.00003	.02971
%RSD	239.79	92.244	9.8884	1089.1	36.376	135.97	56.938	193.74
#1	.00006	.00058	-.00061	.00023	-.00093	.00644	.00007	.04790
#2	-.00003	-.01990	-.00050	.00005	-.00060	.00635	.00008	-.01029
#3	.00003	-.01614	-.00057	-.00022	-.00046	-.00204	.00002	.00840
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00025	.02867	.00008	-.00031	.01348	-.00002	-.00246
Stddev	.00026	.00035	.00203	.00005	.00010	.02111	.00003	.00297
%RSD	145.01	142.87	7.0891	59.725	31.008	156.66	116.07	120.70
#1	.00032	-.00016	.02633	.00014	-.00042	.03467	-.00002	-.00094
#2	-.00012	.00041	.03000	.00008	-.00025	.01333	-.00005	-.00056
#3	.00032	.00049	.02968	.00004	-.00027	-.00756	.00000	-.00588
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00283	-.00092	-.00162	.00085	-.00318	.0018	-.00010	F 1.5549
Stddev	.00158	.00148	.00032	.00148	.00041	.0002	.00005	.2348
%RSD	55.846	160.14	20.009	174.03	12.811	13.13	54.185	15.102
#1	-.00102	-.00262	-.00126	-.00082	-.00362	.0015	-.00004	1.5558
#2	-.00394	-.00002	-.00173	.00135	-.00282	.0019	-.00015	1.3196
#3	-.00353	-.00012	-.00188	.00202	-.00309	.0020	-.00012	1.7892

Sample Name: PB115932BL Acquired: 12/21/2018 17:15:16 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .23230
Stddev .27081
%RSD 116.57

#1 .34678
#2 -.07694
#3 .42707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.7	46196.	4645.7	101.53	3932.5
Stddev	11.1	222.	50.5	2.22	10.1
%RSD	.33120	.47985	1.0875	2.1910	.25763

#1	3328.6	46346.	4657.4	102.28	3921.2
#2	3350.3	46302.	4590.4	99.030	3935.3
#3	3343.4	45942.	4689.4	103.28	3940.9

Sample Name: PB115932BS Acquired: 12/21/2018 17:19:27 Type: Unk
Method: P4-ICP2(v2678) 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	.80563	1.9955	.98070	1.9719	.83080	2.1487	.22302
Stddev	.00249	.0041	.00250	.0022	.00247	.0219	.00079
%RSD	.30956	.20496	.25536	.11394	.29758	1.0190	.35416
#1	.80813	1.9918	.97866	1.9735	.83337	2.1292	.22374
#2	.80563	1.9949	.97994	1.9728	.82844	2.1445	.22313
#3	.80314	1.9999	.98350	1.9693	.83060	2.1724	.22218
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20274	.19435	1.1102	.43702	.20895	.32645	3.1875
Stddev	.00024	.00015	.0198	.00202	.00062	.00085	.0473
%RSD	.12070	.07640	1.7791	.46233	.29642	.26085	1.4852
#1	.20297	.19429	1.1329	.43524	.20857	.32555	3.1344
#2	.20249	.19424	1.0977	.43660	.20863	.32724	3.2028
#3	.20275	.19452	1.0998	.43922	.20967	.32657	3.2253
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22543	2.1462	.50645	.07010	3.2117	.31506	.21159
Stddev	.00011	.0259	.00120	.00034	.0151	.00047	.00356
%RSD	.04794	1.2052	.23717	.49175	.47104	.14940	1.6841
#1	.22555	2.1220	.50774	.06986	3.2287	.31502	.20753
#2	.22535	2.1430	.50537	.06995	3.1995	.31554	.21416
#3	.22539	2.1735	.50623	.07050	3.2070	.31460	.21310
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.096	.41694	.29408	F -.00281	.87206	.64473	.20753
Stddev	.039	.00068	.00553	.00156	.01036	.00135	.00258
%RSD	.38183	.16383	1.8796	55.303	1.1884	.20937	1.2435
#1	10.136	.41616	.29088	-.00411	.88185	.64378	.21033
#2	10.059	.41722	.29090	-.00109	.87312	.64414	.20524
#3	10.093	.41743	.30047	-.00324	.86120	.64628	.20704

Sample Name: PB115932BS Acquired: 12/21/2018 17:19:27 Type: Unk
 Method: P4-ICP2(v2678) 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	.21355	5.292	.21618	F 1.7576	F<.00000
Stddev	.00214	.013	.00068	.3553	.29235
%RSD	1.0044	.2408	.31580	20.213	27.719
#1	.21399	5.291	.21697	1.3889	-1.3347
#2	.21544	5.280	.21577	1.7862	-1.0780
#3	.21122	5.306	.21580	2.0977	-.75141
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.2	45819.	4623.5	102.34	3837.2
Stddev	.7	48.	41.4	1.61	1.1
%RSD	.02139	.10425	.89457	1.5692	.02797
#1	3291.9	45867.	4622.7	104.16	3837.0
#2	3291.2	45771.	4582.6	101.14	3838.4
#3	3290.5	45819.	4665.3	101.72	3836.3

Sample Name: PB115932TB Acquired: 12/21/2018 17:23:15 Type: Unk
Method: P4-ICP2(v2678) 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	.00022	-.00034	-.00091	-.00078	-.00143	-.00073	.00001
Stddev	.00186	.00047	.00023	.00233	.00092	.00159	.00087	.00004
%RSD	214.35	212.65	68.547	255.11	117.78	111.40	119.65	326.98
#1	.00124	-.00018	-.00021	.00150	-.00184	-.00151	-.00064	.00005
#2	-.00229	.00074	-.00060	-.00110	-.00027	-.00297	-.00164	-.00003
#3	-.00155	.00011	-.00020	-.00314	-.00023	.00020	.00009	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01122	-.00005	.00009	-.00002	-.00116	-.00000	-.01192
Stddev	.00003	.00473	.00028	.00004	.00007	.00533	.00004	.03651
%RSD	119.81	42.199	605.64	47.971	280.12	458.75	762.15	306.25
#1	.00004	-.01396	-.00034	.00009	-.00007	-.00446	-.00004	.02554
#2	-.00001	-.01394	.00022	.00014	-.00006	-.00402	-.00000	-.01391
#3	.00004	-.00575	-.00002	.00005	.00005	.00499	.00003	-.04739
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00017	.00137	-.00015	-.00042	.04264	-.00021	-.00530
Stddev	.00009	.00005	.00687	.00049	.00009	.02794	.00008	.00546
%RSD	22.373	28.942	501.18	331.39	21.805	65.520	37.116	102.97
#1	.00047	.00011	-.00068	-.00020	-.00044	.03685	-.00018	-.00199
#2	.00039	.00017	.00903	-.00060	-.00051	.07302	-.00030	-.01161
#3	.00029	.00021	-.00424	.00036	-.00033	.01805	-.00015	-.00232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	.00071	-.00144	-.00089	-.00402	.0014	-.00010	F 1.7057
Stddev	.00109	.00115	.00040	.00165	.00212	.0017	.00007	.1190
%RSD	29.506	161.72	27.760	185.38	52.733	118.1	69.150	6.9759
#1	-.00438	.00015	-.00190	-.00088	-.00628	.0016	-.00008	1.7198
#2	-.00244	-.00005	-.00127	.00076	-.00368	-.0004	-.00004	1.5803
#3	-.00428	.00204	-.00115	-.00254	-.00209	.0030	-.00018	1.8170

Sample Name: PB115932TB Acquired: 12/21/2018 17:23:15 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .04357
Stddev	.11937
%RSD	273.97

#1	.15510
#2	.05795
#3	-.08234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.3	46136.	4620.9	104.10	3931.9
Stddev	3.0	122.	26.1	1.15	24.8
%RSD	.08877	.26408	.56581	1.1068	.63078

#1	3357.6	46215.	4619.8	102.89	3948.6
#2	3353.3	46198.	4647.5	105.18	3903.4
#3	3351.9	45996.	4595.3	104.23	3943.7

Sample Name: PB115925BL Acquired: 12/21/2018 17:27:24 Type: Unk
Method: P4-ICP2(v2678) 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	-.00062	.00039	-.00012	-.00127	-.00074	-.00325	-.00147
Stddev	.00179	.00065	.00045	.00185	.00089	.01694	.00057
%RSD	287.61	169.15	389.75	145.80	119.73	520.82	38.473

#1	.00077	.00114	.00037	.00080	.00015	.01446	-.00210
#2	.00000	-.00004	-.00020	-.00275	-.00163	-.00492	-.00101
#3	-.00264	.00006	-.00052	-.00186	-.00075	-.01930	-.00131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00002	-.00029	-.00014	.00020	-.00072	.01007
Stddev	.00001	.00005	.00733	.00022	.00014	.00017	.00707
%RSD	43.116	321.12	2552.8	161.09	72.215	24.070	70.191

#1	-.00004	.00004	.00522	-.00022	.00019	-.00082	.01653
#2	-.00003	-.00002	.00253	.00011	.00034	-.00052	.01114
#3	-.00002	-.00007	-.00861	-.00030	.00006	-.00081	.00252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.02247	.00022	.00009	-.00565	-.00016	-.00034
Stddev	.00005	.01695	.00030	.00042	.00313	.00037	.00009
%RSD	171.96	75.442	133.16	488.08	55.428	227.95	25.308

#1	-.00002	.04184	.00021	-.00004	-.00207	.00003	-.00043
#2	.00009	.01521	-.00007	-.00026	-.00789	.00007	-.00034
#3	.00003	.01035	.00053	.00055	-.00699	-.00058	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02826	.00004	-.00637	-.00269	.00131	-.00130	.00095
Stddev	.01212	.00020	.00393	.00158	.00083	.00006	.00188
%RSD	42.894	464.28	61.760	59.030	63.405	4.7825	197.83

#1	.04204	.00020	-.00323	-.00116	.00067	-.00137	.00298
#2	.02345	-.00018	-.00509	-.00258	.00225	-.00125	-.00072
#3	.01928	.00011	-.01078	-.00432	.00101	-.00129	.00059

Sample Name: PB115925BL Acquired: 12/21/2018 17:27:24 Type: Unk
 Method: P4-ICP2(v2678) 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	-.00453	.0003	-.00007	F 1.6992	F<.00000
Stddev	.00061	.0008	.00003	.0914	.31563
%RSD	13.384	223.1	44.367	5.3787	82.036

#1	-.00383	-.0005	-.00006	1.6301	-.56600
#2	-.00483	.0008	-.00005	1.8028	-.56795
#3	-.00493	.0008	-.00011	1.6647	-.02029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.9	45914.	4580.5	101.12	3905.7
Stddev	6.7	111.	10.0	2.02	5.6
%RSD	.19957	.24198	.21765	1.9936	.14415

#1	3342.2	45799.	4569.0	103.45	3908.2
#2	3338.3	45922.	4586.1	99.873	3899.3
#3	3351.3	46020.	4586.5	100.05	3909.7

Sample Name: PB115925BS Acquired: 12/21/2018 17:31:31 Type: Unk
Method: P4-ICP2(v2678) 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	.73783	1.8480	.90370	1.8158	.75833	1.9772	.20808
Stddev	.00569	.0156	.00792	.0192	.00629	.0287	.00107
%RSD	.77117	.84423	.87680	1.0563	.82947	1.4494	.51650

#1	.73938	1.8544	.90795	1.8152	.76201	1.9441	.20737
#2	.73153	1.8303	.89456	1.7969	.75107	1.9934	.20932
#3	.74259	1.8595	.90860	1.8353	.76191	1.9941	.20756

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18684	.17906	1.0643	.40562	.19224	.30118	2.9791
Stddev	.00035	.00156	.0338	.00237	.00212	.00273	.0146
%RSD	.18785	.86942	3.1783	.58520	1.1044	.90698	.49139

#1	.18644	.17985	1.0489	.40379	.19269	.30220	2.9824
#2	.18710	.17727	1.0409	.40830	.18993	.29808	2.9917
#3	.18698	.18006	1.1031	.40477	.19411	.30325	2.9630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20895	1.9759	.46796	.06609	2.9810	.29300	.19585
Stddev	.00020	.0174	.00441	.00039	.0102	.00177	.00170
%RSD	.09474	.88272	.94173	.58915	.34302	.60311	.86583

#1	.20879	1.9721	.47108	.06651	2.9692	.29100	.19780
#2	.20917	1.9949	.46292	.06602	2.9880	.29365	.19479
#3	.20889	1.9606	.46988	.06575	2.9856	.29436	.19494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4787	.38349	.28746	F -.00087	.81312	.59270	.19260
Stddev	.0263	.00371	.00633	.00043	.00758	.00483	.00254
%RSD	.27708	.96639	2.2022	49.131	.93212	.81502	1.3180

#1	9.5051	.38482	.28112	-.00095	.81677	.59600	.19146
#2	9.4785	.37930	.28746	-.00125	.81819	.58715	.19082
#3	9.4525	.38634	.29378	-.00041	.80441	.59495	.19551

Sample Name: PB115925BS Acquired: 12/21/2018 17:31:31 Type: Unk
Method: P4-ICP2(v2678) 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	.19886	4.875	.20221	F 1.7608	F<.00000
Stddev	.00096	.042	.00060	.1063	.09119
%RSD	.48368	.8654	.29656	6.0356	7.2704
#1	.19792	4.898	.20194	1.7827	-1.2086
#2	.19984	4.826	.20289	1.8544	-1.3593
#3	.19883	4.900	.20178	1.6452	-1.1949
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.7	45907.	4576.4	101.45	3876.6
Stddev	22.6	57.	33.9	1.03	29.5
%RSD	.68034	.12464	.74069	1.0141	.76014
#1	3303.7	45918.	4553.9	100.33	3852.2
#2	3347.7	45845.	4559.9	101.68	3909.3
#3	3316.8	45958.	4615.4	102.35	3868.2

Sample Name: CCV05 Acquired: 12/21/2018 17:35:20 Type: Unk
Method: P4-ICP2(v2678) 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	5.3037	5.2035	5.1525	5.2645	5.3747	10.730	10.514	.26660
Stddev	.0071	.0130	.0140	.0054	.0039	.089	.015	.00041
%RSD	.13334	.25059	.27156	.10245	.07242	.83230	.14618	.15465
#1	5.3065	5.1886	5.1368	5.2609	5.3780	10.669	10.529	.26698
#2	5.3089	5.2126	5.1638	5.2620	5.3757	10.690	10.515	.26616
#3	5.2957	5.2094	5.1568	5.2707	5.3704	10.833	10.498	.26664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5958	26.327	1.0464	2.6200	1.3204	5.1722	2.6622	25.488
Stddev	.0035	.110	.0032	.0052	.0013	.0311	.0027	.110
%RSD	.13515	.41858	.30477	.19749	.10085	.60112	.10028	.43299
#1	2.5928	26.453	1.0432	2.6165	1.3195	5.1762	2.6601	25.380
#2	2.5950	26.278	1.0464	2.6176	1.3199	5.1393	2.6614	25.483
#3	2.5997	26.249	1.0496	2.6259	1.3220	5.2011	2.6652	25.601
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5637	1.2622	25.080	2.5224	2.5838	24.517	5.1613	5.1034
Stddev	.0027	.0034	.044	.0018	.0111	.044	.0049	.0126
%RSD	.10728	.27153	.17467	.07157	.42875	.18024	.09512	.24761
#1	2.5618	1.2585	25.131	2.5218	2.5956	24.566	5.1572	5.0969
#2	2.5624	1.2629	25.052	2.5209	2.5737	24.506	5.1667	5.1179
#3	2.5668	1.2652	25.059	2.5244	2.5822	24.480	5.1599	5.0952
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0489	4.8669	5.0492	5.2253	5.1478	5.238	5.3435	F 3.4238
Stddev	.0156	.0083	.0107	.0070	.0141	.013	.0305	.1284
%RSD	.30854	.17166	.21182	.13362	.27349	.2419	.57093	3.7505
#1	5.0383	4.8764	5.0373	5.2261	5.1581	5.223	5.3722	3.2913
#2	5.0668	4.8633	5.0581	5.2180	5.1537	5.246	5.3469	3.4324
#3	5.0416	4.8609	5.0523	5.2318	5.1318	5.244	5.3115	3.5477

Sample Name: CCV05 Acquired: 12/21/2018 17:35:20 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5269
Stddev .1583
%RSD 6.2643

#1 2.5295
#2 2.3673
#3 2.6839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.4	43745.	4571.4	96.833	3451.6
Stddev	4.1	42.	35.0	.584	4.9
%RSD	.12959	.09489	.76629	.60285	.14315

#1	3184.8	43715.	4532.4	96.221	3453.5
#2	3192.8	43793.	4581.4	97.384	3455.3
#3	3190.6	43729.	4600.3	96.894	3446.0

Sample Name: CCB05 Acquired: 12/21/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2678) 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	-.00223	.00060	-.00074	.00094	.00014	-.00510	-.00090	.00002
Stddev	.00188	.00063	.00056	.00215	.00032	.00750	.00011	.00007
%RSD	84.370	105.20	76.242	228.54	226.87	147.01	12.629	409.18

#1	-.00427	.00024	-.00015	.00232	.00023	.00328	-.00103	-.00006
#2	-.00186	.00023	-.00078	-.00154	.00040	-.00742	-.00081	.00007
#3	-.00056	.00132	-.00128	.00204	-.00022	-.01116	-.00087	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00848	-.00009	-.00002	-.00058	.00473	.00003	.01299
Stddev	.00004	.00802	.00018	.00020	.00034	.00505	.00005	.00865
%RSD	102.29	94.492	189.35	844.34	57.851	106.76	181.45	66.622

#1	-.00001	.00075	-.00005	-.00017	-.00049	-.00103	-.00002	.00596
#2	.00006	-.01251	-.00029	-.00011	-.00095	.00840	.00002	.01035
#3	.00007	-.01369	.00005	.00021	-.00030	.00683	.00008	.02265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00030	-.02588	.00012	-.00020	.00765	.00032	.00656
Stddev	.00020	.00012	.00928	.00006	.00013	.00980	.00010	.00753
%RSD	148.09	39.523	35.867	50.030	65.499	128.13	31.829	114.75

#1	.00036	.00020	-.02343	.00005	-.00006	.01500	.00022	-.00211
#2	-.00003	.00027	-.01807	.00017	-.00021	.01142	.00043	.01043
#3	.00008	.00043	-.03615	.00013	-.00033	-.00348	.00032	.01136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00431	.00190	-.00094	.00031	-.00291	.0021	-.00004	F 1.6599
Stddev	.00241	.00077	.00054	.00073	.00073	.0012	.00009	.1440
%RSD	56.050	40.686	57.200	237.95	25.047	57.33	205.72	8.6747

#1	-.00696	.00224	-.00038	-.00029	-.00217	.0008	-.00006	1.5898
#2	-.00372	.00245	-.00144	.00112	-.00363	.0032	-.00013	1.8255
#3	-.00224	.00102	-.00099	.00009	-.00293	.0024	.00005	1.5643

Sample Name: CCB05 Acquired: 12/21/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .19072
Stddev	.29703
%RSD	155.74

#1	-.12311
#2	.22783
#3	.46746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.9	45806.	4591.3	102.43	3900.1
Stddev	4.8	125.	31.1	1.44	19.6
%RSD	.14394	.27203	.67707	1.4033	.50284

#1	3327.8	45742.	4557.1	102.44	3878.2
#2	3330.7	45725.	4598.8	101.00	3905.9
#3	3337.2	45949.	4618.0	103.87	3916.1

Sample Name: J6478-01 Acquired: 12/21/2018 17:43:07 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00225	.00294	-.00003	-.00310	-.04203	.02023	.00010
Stddev	.00136	.00099	.00094	.00212	.00099	.00629	.00044	.00010
%RSD	127.94	44.251	32.073	7734.0	32.010	14.969	2.1895	94.254
#1	-.00047	-.00132	.00325	-.00199	-.00288	-.03579	.01975	.00009
#2	.00211	-.00213	.00369	-.00032	-.00223	-.04192	.02063	.00001
#3	.00155	-.00330	.00188	.00222	-.00418	-.04837	.02030	.00020
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	83.061	-.00133	-.00060	.00017	-.00404	.00925	197.27
Stddev	.00001	1.345	.00026	.00010	.00060	.00663	.00027	2.68
%RSD	5.2429	1.6193	19.834	16.466	356.12	164.19	2.8648	1.3576
#1	-.00025	84.101	-.00121	-.00064	.00043	-.00194	.00903	199.81
#2	-.00025	83.540	-.00164	-.00049	-.00052	.00129	.00918	197.52
#3	-.00027	81.542	-.00115	-.00067	.00058	-.01147	.00954	194.47
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00419	.00028	1485.7	.00092	.00067	64.116	.00146	.64974
Stddev	.00029	.00060	42.3	.00036	.00009	.785	.00028	.01063
%RSD	6.8862	215.52	2.8481	39.440	13.030	1.2241	19.048	1.6367
#1	-.00408	-.00016	1528.0	.00052	.00070	64.806	.00142	.65987
#2	-.00397	.00096	1485.9	.00102	.00074	64.280	.00121	.63866
#3	-.00452	.00004	1443.4	.00123	.00057	63.262	.00176	.65070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 153.25	2.0945	-.05645	-.00204	.02816	.0514	1.2384	6.3358
Stddev	.83	.0086	.00071	.00313	.00030	.0018	.0191	.3359
%RSD	.53867	.41173	1.2576	153.18	1.0812	3.577	1.5427	5.3019
#1	152.42	2.0863	-.05627	-.00060	.02782	.0517	1.2546	6.0719
#2	153.27	2.1035	-.05586	.00010	.02822	.0530	1.2434	6.2216
#3	154.07	2.0938	-.05724	-.00564	.02842	.0494	1.2174	6.7139

Sample Name: J6478-01 Acquired: 12/21/2018 17:43:07 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.60414
Stddev	.25559
%RSD	42.307

#1	.45389
#2	.89925
#3	.45927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.6	37183.	4367.3	95.829	2854.1
Stddev	22.1	837.	49.4	1.396	23.3
%RSD	.79326	2.2506	1.1310	1.4570	.81748

#1	2805.8	37789.	4334.3	95.702	2879.4
#2	2780.2	37531.	4343.5	94.501	2849.5
#3	2761.9	36228.	4424.1	97.285	2833.4

Sample Name: J6478-01DUP Acquired: 12/21/2018 17:47:21 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00247	.00205	-.00024	-.00412	-.03295	.01892	.00005
Stddev	.00182	.00140	.00044	.00039	.00173	.01479	.00074	.00010
%RSD	229.74	56.646	21.196	162.17	42.030	44.896	3.9179	221.40
#1	-.00081	-.00346	.00192	.00021	-.00229	-.04783	.01957	.00003
#2	.00104	-.00087	.00170	-.00047	-.00573	-.01824	.01908	.00016
#3	-.00260	-.00308	.00254	-.00045	-.00433	-.03279	.01812	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	82.915	-.00134	-.00025	-.00041	-.00175	.00904	197.84
Stddev	.00012	.035	.00027	.00025	.00027	.01080	.00008	1.51
%RSD	58.861	.04193	20.394	97.938	66.463	617.17	.86395	.76532
#1	-.00007	82.919	-.00136	-.00000	-.00055	-.01361	.00913	197.06
#2	-.00028	82.879	-.00106	-.00050	-.00009	.00752	.00902	199.59
#3	-.00029	82.948	-.00160	-.00026	-.00057	.00084	.00898	196.88
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00311	.00041	1407.9	.00104	.00081	64.584	.00146	.65294
Stddev	.00038	.00042	5.7	.00014	.00019	.436	.00035	.01245
%RSD	12.327	102.71	.40176	13.155	22.954	.67490	23.793	1.9065
#1	-.00312	.00072	1414.4	.00089	.00077	64.118	.00132	.66335
#2	-.00272	.00058	1404.0	.00107	.00065	64.650	.00121	.63915
#3	-.00348	-.00007	1405.3	.00116	.00102	64.982	.00186	.65632
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 150.81	2.0995	-.05621	-.00314	.02694	.0483	1.2352	6.3658
Stddev	.72	.0126	.00059	.00103	.00172	.0015	.0026	.0665
%RSD	.47607	.59891	1.0479	32.851	6.3811	3.171	.20740	1.0452
#1	151.62	2.0858	-.05682	-.00323	.02836	.0465	1.2325	6.2926
#2	150.26	2.1105	-.05565	-.00207	.02503	.0492	1.2354	6.4225
#3	150.54	2.1022	-.05616	-.00412	.02744	.0492	1.2376	6.3822

Sample Name: J6478-01DUP Acquired: 12/21/2018 17:47:21 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.72159
Stddev	.19953
%RSD	27.651

#1	.60999
#2	.95195
#3	.60283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.5	37371.	4298.4	93.719	2866.7
Stddev	14.6	23.	15.7	.947	8.0
%RSD	.52004	.06221	.36561	1.0104	.27876

#1	2783.2	37396.	4313.8	94.745	2858.2
#2	2811.4	37369.	4299.0	93.534	2874.1
#3	2803.8	37349.	4282.4	92.879	2867.7

Sample Name: J6478-01LX5 Acquired: 12/21/2018 17:51:34 Type: Unk
Method: P4-ICP2(v2678) 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	-.00005	-.00055	.00110	.00230	-.00076	-.01516	.00400	-.00003
Stddev	.00052	.00089	.00139	.00185	.00122	.00649	.00045	.00006
%RSD	1051.6	161.45	126.59	80.575	160.33	42.812	11.242	211.14
#1	.00033	-.00094	.00260	.00378	-.00134	-.02265	.00354	-.00008
#2	-.00064	-.00118	.00081	.00022	.00064	-.01109	.00402	.00004
#3	.00016	.00047	-.00013	.00290	-.00158	-.01175	.00444	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	17.232	-.00038	-.00001	-.00115	.00655	.00175	39.791
Stddev	.00005	.050	.00023	.00014	.00021	.00881	.00003	.319
%RSD	28.695	.29154	59.712	2311.1	17.882	134.54	1.8873	.80116
#1	-.00023	17.264	-.00013	-.00001	-.00134	.01414	.00173	39.427
#2	-.00014	17.174	-.00057	-.00015	-.00093	-.00312	.00174	40.020
#3	-.00015	17.257	-.00044	.00014	-.00118	.00863	.00179	39.927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	.00013	279.46	.00034	-.00002	12.987	.00036	.13184
Stddev	.00020	.00018	6.88	.00063	.00003	.020	.00028	.00122
%RSD	9.4526	138.36	2.4619	186.52	169.71	.15058	77.729	.92585
#1	-.00230	.00003	273.09	-.00012	-.00001	13.007	.00016	.13112
#2	-.00191	.00002	278.55	.00007	.00001	12.968	.00024	.13324
#3	-.00216	.00033	286.76	.00106	-.00005	12.986	.00067	.13115
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.301	.42941	-.00992	.00046	.01789	.0087	.25443	4.4276
Stddev	.057	.00363	.00029	.00194	.00108	.0019	.00093	.1672
%RSD	.20809	.84605	2.8837	419.47	6.0086	22.33	.36385	3.7759
#1	27.243	.42705	-.00993	.00267	.01665	.0108	.25549	4.6088
#2	27.303	.42760	-.00963	-.00027	.01854	.0070	.25400	4.3947
#3	27.356	.43360	-.01020	-.00101	.01849	.0082	.25380	4.2793

Sample Name: J6478-01LX5 Acquired: 12/21/2018 17:51:34 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.05711
%RSD	51.920

#1	-.17442
#2	-.06565
#3	-.08988

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.8	40840.	4379.0	95.598	3270.8
Stddev	7.6	92.	16.5	.878	5.8
%RSD	.24973	.22550	.37696	.91807	.17876

#1	3040.7	40785.	4396.0	96.530	3276.6
#2	3032.3	40947.	4378.1	94.786	3270.7
#3	3025.5	40790.	4363.0	95.480	3264.9

Sample Name: J6478-01MS Acquired: 12/21/2018 17:57:31 Type: Unk
Method: P4-ICP2(v2678) 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	.95286	2.0408	1.0794	2.3442	.93119	2.4633	.24574	.25562
Stddev	.00128	.0041	.0042	.0058	.00112	.0083	.00041	.00031
%RSD	.13471	.20224	.38985	.24662	.12046	.33713	.16718	.12277
#1	.95201	2.0364	1.0751	2.3378	.93087	2.4667	.24544	.25545
#2	.95434	2.0445	1.0797	2.3491	.93025	2.4538	.24558	.25598
#3	.95223	2.0416	1.0835	2.3456	.93243	2.4693	.24621	.25543
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22259	83.489	.44734	.22854	.32303	3.2257	.23638	197.64
Stddev	.00017	.422	.00065	.00054	.00017	.0706	.00039	1.48
%RSD	.07829	.50547	.14489	.23579	.05371	2.1873	.16692	.74869
#1	.22253	83.976	.44768	.22802	.32283	3.2508	.23683	199.32
#2	.22246	83.248	.44775	.22850	.32316	3.1460	.23608	196.54
#3	.22279	83.243	.44659	.22909	.32309	3.2802	.23622	197.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55018	.08563	1430.3	.33482	.22025	75.279	.42842	.93704
Stddev	.00149	.00042	19.3	.00119	.00615	.216	.00067	.01839
%RSD	.27018	.49397	1.3506	.35596	2.7922	.28734	.15622	1.9623
#1	.55152	.08605	1452.5	.33345	.22332	75.409	.42826	.95532
#2	.54858	.08565	1420.2	.33564	.21317	75.029	.42784	.93726
#3	.55044	.08520	1418.1	.33537	.22426	75.399	.42915	.91854
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 147.77	2.9980	.69381	.20907	.26186	7.531	1.4396	6.1774
Stddev	.32	.0172	.00164	.00068	.00137	.005	.0046	.0247
%RSD	.21700	.57245	.23693	.32485	.52197	.0638	.31975	.40000
#1	147.43	3.0116	.69507	.20828	.26292	7.536	1.4445	6.1965
#2	147.81	2.9787	.69195	.20939	.26031	7.528	1.4353	6.1862
#3	148.06	3.0038	.69441	.20952	.26233	7.528	1.4389	6.1495

Sample Name: J6478-01MS Acquired: 12/21/2018 17:57:31 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.14412
%RSD	58.397

#1	-.24041
#2	-.10598
#3	-.39402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.1	37872.	4281.5	93.334	2889.8
Stddev	7.8	44.	20.6	2.361	8.5
%RSD	.27251	.11539	.48116	2.5295	.29422

#1	2852.8	37841.	4264.8	92.305	2899.5
#2	2841.3	37852.	4304.5	96.034	2886.6
#3	2838.0	37922.	4275.2	91.661	2883.4

Sample Name: J6478-01MSD Acquired: 12/21/2018 18:01:26 Type: Unk
Method: P4-ICP2(v2678) 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	.95809	2.0370	1.0818	2.3407	.93477	2.5035	.24525	.25559
Stddev	.00119	.0038	.0008	.0082	.00100	.0259	.00104	.00097
%RSD	.12443	.18858	.07781	.34911	.10666	1.0343	.42417	.38094
#1	.95944	2.0413	1.0824	2.3450	.93582	2.5299	.24491	.25457
#2	.95717	2.0338	1.0808	2.3313	.93383	2.5024	.24642	.25568
#3	.95766	2.0360	1.0822	2.3459	.93467	2.4781	.24443	.25651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22283	82.202	.44939	.22828	.32393	3.2317	.23647	195.28
Stddev	.00048	1.018	.00337	.00028	.00107	.0534	.00058	2.87
%RSD	.21515	1.2384	.75022	.12332	.33106	1.6522	.24531	1.4722
#1	.22322	81.086	.44846	.22796	.32336	3.1756	.23584	192.80
#2	.22230	83.080	.45313	.22845	.32327	3.2819	.23657	198.43
#3	.22297	82.441	.44658	.22844	.32517	3.2375	.23699	194.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54925	.08658	1362.9	.33550	.21860	74.416	.42860	.93405
Stddev	.00053	.00046	9.9	.00250	.00414	.737	.00111	.00322
%RSD	.09735	.53540	.72761	.74649	1.8937	.99066	.25888	.34431
#1	.54866	.08611	1355.6	.33332	.21405	73.597	.42892	.93260
#2	.54970	.08659	1374.2	.33824	.21963	75.026	.42737	.93774
#3	.54940	.08704	1359.0	.33495	.22214	74.624	.42952	.93181
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 147.18	2.9804	.69341	.20727	.25907	7.524	1.4178	6.2827
Stddev	.55	.0072	.00336	.00125	.00195	.011	.0168	.1822
%RSD	.37554	.23993	.48403	.60337	.75232	.1420	1.1861	2.9005
#1	147.74	2.9722	.69445	.20846	.25682	7.536	1.3994	6.0846
#2	147.15	2.9835	.68966	.20740	.26020	7.521	1.4324	6.4431
#3	146.64	2.9854	.69613	.20596	.26020	7.515	1.4216	6.3204

Sample Name: J6478-01MSD Acquired: 12/21/2018 18:01:26 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .20950
%RSD 6956.8

#1 -.23047
#2 .18205
#3 .03938

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.3	37788.	4322.2	93.809	2880.8
Stddev	10.9	90.	46.7	1.447	12.6
%RSD	.38560	.23725	1.0798	1.5426	.43903

#1	2821.8	37889.	4376.0	95.468	2869.3
#2	2834.6	37718.	4295.7	93.153	2878.8
#3	2843.5	37757.	4294.7	92.806	2894.4

Sample Name: J6496-01 Acquired: 12/21/2018 18:09:17 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WATER-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	-.02053	-.00713	1.0867	.00548	.01605	1.8804	.09553	.00077
Stddev	.00078	.00032	.0053	.00729	.00045	.0060	.00045	.00020
%RSD	3.7812	4.5011	.48628	133.00	2.7732	.32139	.47332	25.690
#1	-.02081	-.00700	1.0845	.00875	.01601	1.8854	.09578	.00063
#2	-.02112	-.00750	1.0927	-.00287	.01652	1.8737	.09581	.00069
#3	-.01965	-.00690	1.0829	.01057	.01563	1.8821	.09501	.00100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36731	49.952	.02214	.01682	.48950	361.52	1.7018	9.4217
Stddev	.00346	.136	.00042	.00029	.00377	10.46	.0020	.0582
%RSD	.94095	.27233	1.9072	1.7182	.77070	2.8940	.11695	.61733
#1	.36405	49.910	.02208	.01659	.48834	363.83	1.7041	9.4209
#2	.37094	50.104	.02258	.01715	.49371	350.10	1.7003	9.3639
#3	.36696	49.841	.02174	.01672	.48644	370.64	1.7011	9.4803
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10559	.00055	20.063	.00670	7.8933	3.6378	.03094	.13314
Stddev	.00043	.00182	.057	.00014	.2314	.0151	.00035	.01897
%RSD	.40510	329.30	.28237	2.1416	2.9315	.41456	1.1438	14.248
#1	.10522	.00130	19.998	.00656	7.9659	3.6226	.03080	.13953
#2	.10549	-.00152	20.100	.00685	7.6344	3.6528	.03068	.11180
#3	.10606	.00188	20.090	.00670	8.0797	3.6379	.03134	.14809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.600	.80940	.03308	.02928	.00955	.3618	-.28296	1.8771
Stddev	.172	.00770	.00056	.00091	.00199	.0015	.01181	.1074
%RSD	.97820	.95175	1.6841	3.1023	20.882	.4264	4.1752	5.7212
#1	17.716	.81781	.03369	.02845	.00761	.3628	-.28520	1.8387
#2	17.682	.80269	.03295	.02915	.01159	.3625	-.27019	1.9985
#3	17.402	.80770	.03259	.03025	.00945	.3600	-.29350	1.7942

Sample Name: J6496-01 Acquired: 12/21/2018 18:09:17 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WATER-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2158
Stddev	.5601
%RSD	46.067

#1	.98521
#2	1.8544
#3	.80783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.8	42096.	4336.5	91.318	3384.4
Stddev	8.0	162.	24.8	2.743	13.4
%RSD	.26111	.38538	.57147	3.0037	.39659

#1	3070.6	41956.	4308.6	90.162	3393.2
#2	3061.4	42059.	4344.7	94.450	3368.9
#3	3077.4	42274.	4356.1	89.342	3391.0

Sample Name: J6497-01 Acquired: 12/21/2018 18:13:14 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-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	-.00567	-.00159	.00271	.00253	-.00212	.03631	.53997	-.00003
Stddev	.00308	.00096	.00088	.00320	.00123	.00156	.00412	.00003
%RSD	54.315	60.426	32.553	126.51	57.922	4.3047	.76314	104.12
#1	-.00901	-.00270	.00321	.00549	-.00187	.03801	.54200	-.00000
#2	-.00292	-.00108	.00169	.00298	-.00346	.03598	.54268	-.00002
#3	-.00509	-.00100	.00323	-.00087	-.00104	.03493	.53522	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04937	97.527	-.00045	.00343	.00637	-.02027	1.8927	16.384
Stddev	.00013	.453	.00024	.00009	.00052	.01427	.0114	.086
%RSD	.25842	.46458	52.411	2.6762	8.2360	70.387	.60378	.52657
#1	.04943	97.257	-.00018	.00353	.00686	-.01034	1.8947	16.464
#2	.04922	98.050	-.00061	.00335	.00582	-.01385	1.8804	16.293
#3	.04945	97.274	-.00056	.00341	.00645	-.03661	1.9030	16.394
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02844	.00003	755.46	.00308	1.8237	15.302	.00072	.09486
Stddev	.00077	.00013	9.46	.00026	.0353	.131	.00029	.00843
%RSD	2.7157	456.06	1.2518	8.5172	1.9371	.85744	40.949	8.8835
#1	.02783	.00009	765.88	.00291	1.7843	15.272	.00056	.08555
#2	.02931	.00012	753.09	.00338	1.8524	15.446	.00106	.10196
#3	.02818	-.00012	747.42	.00295	1.8345	15.189	.00054	.09707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.302	F 17.695	-.00621	-.00149	.01217	.0371	.52121	6.1785
Stddev	.013	.103	.00038	.00030	.00146	.0023	.00332	.1330
%RSD	.06996	.58148	6.0829	20.289	12.040	6.264	.63639	2.1525
#1	18.303	17.774	-.00611	-.00145	.01072	.0397	.52129	6.2209
#2	18.289	17.733	-.00663	-.00121	.01365	.0361	.52448	6.0295
#3	18.315	17.579	-.00590	-.00181	.01213	.0353	.51785	6.2852

Sample Name: J6497-01 Acquired: 12/21/2018 18:13:14 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.69480
Stddev	.09178
%RSD	13.209

#1	.70294
#2	.59922
#3	.78224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.8	38501.	4233.8	92.286	3049.6
Stddev	8.8	101.	32.4	1.539	6.0
%RSD	.30354	.26333	.76557	1.6676	.19617

#1	2881.4	38456.	4214.8	93.925	3043.0
#2	2892.1	38617.	4215.3	90.873	3051.3
#3	2898.8	38430.	4271.2	92.059	3054.6

Sample Name: J6497-02 Acquired: 12/21/2018 18:17:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-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	-.00235	-.00400	.00481	.00541	-.00153	-.09297	.49745	-.00008
Stddev	.00228	.00105	.00103	.00121	.00295	.01764	.00123	.00003
%RSD	97.127	26.346	21.519	22.441	192.99	18.970	.24678	38.612
#1	-.00047	-.00290	.00405	.00678	.00140	-.07826	.49839	-.00012
#2	-.00488	-.00409	.00598	.00446	-.00450	-.11252	.49606	-.00007
#3	-.00169	-.00500	.00439	.00500	-.00149	-.08813	.49791	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	280.85	.01969	.00130	.04959	2.2954	1.1909	43.044
Stddev	.00001	1.21	.00028	.00027	.00042	.0348	.0083	.005
%RSD	1.0315	.43021	1.4124	20.352	.84839	1.5174	.69288	.01250
#1	.00127	282.25	.01943	.00137	.05005	2.3160	1.1816	43.040
#2	.00125	280.26	.01998	.00153	.04923	2.3150	1.1972	43.043
#3	.00126	280.06	.01967	.00101	.04950	2.2552	1.1940	43.050
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05361	.00013	465.62	.00069	.31397	39.720	.00701	1.2887
Stddev	.00070	.00037	2.72	.00055	.00254	.064	.00025	.0064
%RSD	1.3049	293.50	.58470	79.159	.80825	.16015	3.5677	.49795
#1	.05436	.00052	468.57	.00132	.31614	39.650	.00716	1.2814
#2	.05349	.00007	463.21	.00044	.31459	39.737	.00715	1.2935
#3	.05298	-.00021	465.08	.00031	.31118	39.774	.00672	1.2911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.021	F 15.814	-.00866	-.00529	.01494	.0158	1.3226	6.0552
Stddev	.148	.016	.00054	.00123	.00100	.0026	.0060	.0570
%RSD	.54645	.09833	6.2674	23.282	6.6797	16.25	.45732	.94098
#1	27.092	15.832	-.00836	-.00668	.01395	.0130	1.3295	5.9905
#2	27.121	15.805	-.00833	-.00485	.01493	.0162	1.3199	6.0770
#3	26.852	15.804	-.00929	-.00434	.01595	.0181	1.3184	6.0981

Sample Name: J6497-02 Acquired: 12/21/2018 18:17:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.26009
Stddev	.14743
%RSD	56.685

#1	.13893
#2	.21710
#3	.42424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.1	38478.	4172.5	89.398	3022.8
Stddev	16.5	124.	27.9	1.101	14.6
%RSD	.58271	.32182	.66820	1.2317	.48286

#1	2824.5	38612.	4140.4	88.615	3012.6
#2	2828.8	38368.	4186.4	88.922	3016.2
#3	2855.0	38453.	4190.6	90.657	3039.5

Sample Name: J6497-03 Acquired: 12/21/2018 18:21:38 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-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	-.00090	-.00292	.00329	.00525	-.00254	-.05738	.34448	-.00002
Stddev	.00068	.00131	.00198	.00171	.00231	.01604	.00135	.00000
%RSD	75.535	44.842	60.313	32.517	90.978	27.955	.39159	10.986
#1	-.00052	-.00332	.00531	.00720	.00006	-.06662	.34597	-.00002
#2	-.00050	-.00145	.00321	.00400	-.00334	-.03886	.34335	-.00002
#3	-.00168	-.00398	.00134	.00456	-.00434	-.06666	.34411	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	267.27	.00051	.00102	.00504	.12903	.37915	40.119
Stddev	.00011	.96	.00049	.00026	.00005	.00479	.00185	.199
%RSD	17.901	.35840	96.615	25.849	1.0656	3.7088	.48716	.49694
#1	.00076	268.28	-.00000	.00086	.00501	.12765	.37943	39.961
#2	.00063	266.38	.00097	.00087	.00502	.13435	.37717	40.052
#3	.00054	267.16	.00055	.00132	.00511	.12508	.38084	40.343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	-.00011	240.06	.00070	.07364	29.909	.00746	.94474
Stddev	.00041	.00053	.95	.00027	.00104	.032	.00008	.00315
%RSD	14.760	495.74	.39555	38.738	1.4181	.10633	1.0390	.33313
#1	.00314	-.00053	240.85	.00066	.07460	29.910	.00754	.94358
#2	.00294	.00049	239.00	.00100	.07253	29.877	.00738	.94233
#3	.00234	-.00028	240.32	.00045	.07380	29.940	.00746	.94830
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.263	F 15.269	-.01828	-.00496	.00799	.0097	1.1372	5.4614
Stddev	.167	.112	.00030	.00120	.00105	.0016	.0066	.2366
%RSD	.33288	.73223	1.6284	24.232	13.136	16.35	.57558	4.3312
#1	50.435	15.383	-.01856	-.00635	.00717	.0081	1.1446	5.4802
#2	50.101	15.160	-.01832	-.00423	.00762	.0113	1.1321	5.2160
#3	50.254	15.265	-.01797	-.00431	.00917	.0097	1.1349	5.6880

Sample Name: J6497-03 Acquired: 12/21/2018 18:21:38 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.29760
%RSD	49.877

#1	-.26723
#2	-.67673
#3	-.84604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.4	39557.	4247.6	91.794	3131.6
Stddev	12.2	169.	17.9	1.423	6.8
%RSD	.42002	.42739	.42236	1.5505	.21792

#1	2888.3	39496.	4228.4	90.517	3125.9
#2	2907.3	39748.	4264.0	93.329	3139.2
#3	2884.6	39427.	4250.5	91.537	3129.7

Sample Name: J6478-01A Acquired: 12/21/2018 18:33:05 Type: Unk
Method: P4-ICP2(v2678) 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	.78809	1.6807	.88877	1.9165	.79597	2.0540	.20746	.20866
Stddev	.00156	.0016	.00418	.0068	.00275	.0193	.00067	.00029
%RSD	.19740	.09641	.47080	.35247	.34562	.93996	.32291	.13702
#1	.78831	1.6810	.89343	1.9166	.79894	2.0366	.20671	.20836
#2	.78643	1.6822	.88755	1.9232	.79546	2.0748	.20765	.20893
#3	.78952	1.6790	.88534	1.9097	.79350	2.0506	.20801	.20867
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18349	79.556	.37673	.18872	.26631	2.6727	.19929	189.85
Stddev	.00034	.818	.00243	.00049	.00074	.0662	.00050	.49
%RSD	.18641	1.0287	.64634	.26002	.27877	2.4774	.24850	.25901
#1	.18384	79.811	.37739	.18916	.26560	2.6700	.19902	189.28
#2	.18347	78.640	.37876	.18819	.26708	2.6079	.19986	190.14
#3	.18316	80.216	.37403	.18881	.26625	2.7402	.19899	190.13
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45373	.07171	1377.2	.28253	.18129	69.840	.37294	.87662
Stddev	.00042	.00047	18.3	.00046	.00600	.662	.00113	.00641
%RSD	.09316	.66134	1.3289	.16379	3.3090	.94795	.30279	.73109
#1	.45369	.07182	1395.3	.28201	.18400	69.750	.37407	.87215
#2	.45417	.07212	1358.7	.28290	.17441	69.227	.37295	.88396
#3	.45333	.07119	1377.5	.28269	.18545	70.542	.37181	.87374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.26	2.7619	.58953	.18074	.21983	6.103	1.3457	6.6246
Stddev	.59	.0233	.00246	.00049	.00006	.024	.0151	.1751
%RSD	.43484	.84474	.41649	.27175	.02789	.3964	1.1226	2.6428
#1	136.94	2.7630	.59177	.18076	.21990	6.131	1.3496	6.8252
#2	135.86	2.7380	.58991	.18123	.21977	6.094	1.3291	6.5464
#3	135.99	2.7846	.58691	.18024	.21983	6.085	1.3586	6.5023

Sample Name: J6478-01A Acquired: 12/21/2018 18:33:05 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .12748
%RSD 312.30

#1 .10398
#2 -.09027
#3 -.13617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.5	37043.	4189.8	92.661	2864.2
Stddev	6.6	139.	35.2	3.249	7.6
%RSD	.23515	.37443	.84070	3.5061	.26445

#1	2783.7	37011.	4173.9	91.291	2856.7
#2	2795.9	36922.	4230.2	96.371	2871.8
#3	2785.9	37194.	4165.3	90.322	2864.2

Sample Name: CCV06 Acquired: 12/21/2018 18:36:59 Type: Unk
Method: P4-ICP2(v2678) 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	5.3105	5.2177	5.1786	5.2557	5.3518	10.815	10.671	.26821
Stddev	.0103	.0027	.0020	.0159	.0126	.073	.061	.00040
%RSD	.19473	.05228	.03858	.30314	.23522	.67817	.57062	.14884
#1	5.3148	5.2206	5.1767	5.2656	5.3594	10.842	10.644	.26777
#2	5.3180	5.2175	5.1807	5.2641	5.3589	10.732	10.741	.26854
#3	5.2987	5.2151	5.1784	5.2373	5.3373	10.871	10.628	.26832
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6000	27.219	1.0677	2.6141	1.3252	5.1782	2.6922	26.085
Stddev	.0021	.070	.0040	.0034	.0025	.0860	.0003	.122
%RSD	.07923	.25560	.37453	.12826	.18732	1.6611	.00947	.46761
#1	2.6023	27.297	1.0711	2.6179	1.3278	5.2237	2.6923	26.217
#2	2.5982	27.196	1.0688	2.6130	1.3248	5.2319	2.6919	25.976
#3	2.5997	27.164	1.0633	2.6115	1.3229	5.0790	2.6924	26.061
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5722	1.2881	24.219	2.5583	2.6137	25.422	5.2014	5.2138
Stddev	.0031	.0015	.194	.0070	.0424	.214	.0092	.0280
%RSD	.11981	.11596	.80042	.27427	1.6227	.84203	.17760	.53768
#1	2.5687	1.2876	24.015	2.5656	2.6375	25.276	5.2020	5.2462
#2	2.5741	1.2898	24.401	2.5516	2.6389	25.668	5.2103	5.1979
#3	2.5739	1.2870	24.242	2.5578	2.5648	25.323	5.1919	5.1974
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1418	5.0351	5.0908	5.3455	5.2504	5.254	5.4477	F 4.1777
Stddev	.0282	.0339	.0026	.0163	.0361	.012	.0262	.1186
%RSD	.54879	.67414	.05178	.30450	.68803	.2270	.48012	2.8395
#1	5.1628	5.0357	5.0902	5.3560	5.2387	5.256	5.4369	4.2070
#2	5.1528	5.0688	5.0885	5.3537	5.2910	5.266	5.4775	4.2790
#3	5.1097	5.0009	5.0937	5.3267	5.2217	5.242	5.4287	4.0472

Sample Name: CCV06 Acquired: 12/21/2018 18:36:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5827
Stddev .1174
%RSD 4.5455

#1 2.7182
#2 2.5184
#3 2.5115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.3	42563.	4373.7	94.953	3410.7
Stddev	7.2	47.	32.5	1.637	7.7
%RSD	.22925	.11052	.74242	1.7245	.22542

#1	3139.1	42511.	4365.1	93.946	3402.8
#2	3143.6	42576.	4346.4	94.070	3411.2
#3	3153.2	42603.	4409.6	96.842	3418.2

Sample Name: CCB06 Acquired: 12/21/2018 18:40:39 Type: Unk
Method: P4-ICP2(v2678) 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	-.00013	.00122	.00000	-.00072	.00112	-.00454	.00032	-.00004
Stddev	.00071	.00082	.00072	.00290	.00095	.00309	.00021	.00007
%RSD	532.86	67.305	18590.	401.98	85.370	67.982	65.810	189.91
#1	-.00096	.00117	-.00078	.00085	.00104	-.00805	.00048	-.00007
#2	.00031	.00207	.00062	-.00407	.00021	-.00224	.00008	-.00008
#3	.00024	.00043	.00018	.00105	.00211	-.00333	.00041	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00768	.00033	.00002	-.00078	.00328	.00007	.02768
Stddev	.00004	.00861	.00022	.00000	.00006	.00982	.00002	.03200
%RSD	62.400	112.14	67.882	22.051	8.2770	299.59	27.386	115.58
#1	.00003	-.00509	.00050	.00002	-.00085	-.00799	.00008	.05197
#2	.00005	-.01728	.00008	.00002	-.00077	.00778	.00005	.03965
#3	.00011	-.00066	.00041	.00003	-.00073	.01004	.00007	-.00857
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00039	.50305	-.00015	.00001	.20191	.00022	.00201
Stddev	.00048	.00017	.01233	.00007	.00006	.01235	.00025	.00480
%RSD	1566.9	44.648	2.4507	44.332	941.86	6.1182	114.61	239.27
#1	.00048	.00058	.51138	-.00022	-.00006	.21492	.00046	.00419
#2	.00008	.00026	.50888	-.00013	.00002	.20048	.00022	.00532
#3	-.00047	.00031	.48889	-.00009	.00005	.19033	-.00004	-.00350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	.00179	-.00039	.00004	.00240	.0016	.00003	F 2.3014
Stddev	.00314	.00269	.00044	.00150	.00140	.0009	.00004	.1928
%RSD	28.278	150.49	114.79	3439.8	58.326	59.23	120.18	8.3765
#1	.01223	.00354	-.00086	-.00117	.00225	.0019	.00002	2.5041
#2	.00755	.00312	.00001	-.00042	.00108	.0022	.00007	2.1204
#3	.01351	-.00131	-.00031	.00172	.00388	.0005	-.00000	2.2796

Sample Name: CCB06 Acquired: 12/21/2018 18:40:39 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .35658
Stddev .04061
%RSD 11.388

#1 .39809
#2 .35471
#3 .31694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.4	45017.	4472.9	99.266	3888.6
Stddev	14.7	236.	52.0	.534	16.4
%RSD	.44367	.52406	1.1624	.53810	.42247

#1	3306.6	44744.	4428.1	99.275	3893.4
#2	3324.8	45164.	4460.7	98.727	3902.2
#3	3335.8	45141.	4529.9	99.795	3870.4

Sample Name: J6497-04 Acquired: 12/21/2018 18:44:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-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	-.00074	-.00251	.00281	.00152	-.00297	-.06264	.30377	-.00004
Stddev	.00168	.00037	.00118	.00171	.00262	.00232	.00027	.00004
%RSD	228.47	14.722	42.073	112.22	88.202	3.7032	.09050	105.08
#1	-.00145	-.00246	.00182	-.00026	-.00310	-.06154	.30383	.00001
#2	.00118	-.00216	.00411	.00168	-.00553	-.06530	.30401	-.00006
#3	-.00194	-.00289	.00248	.00315	-.00029	-.06107	.30347	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	235.95	.00046	.00098	.00371	.12491	.33754	35.391
Stddev	.00003	2.25	.00041	.00020	.00027	.00595	.00049	.106
%RSD	4.0518	.95440	89.389	20.345	7.4057	4.7610	.14554	.29825
#1	.00060	237.51	.00055	.00111	.00343	.12186	.33697	35.273
#2	.00061	236.98	.00001	.00075	.00398	.12110	.33780	35.478
#3	.00065	233.37	.00081	.00107	.00371	.13176	.33784	35.421
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00007	217.84	.00071	.06658	26.451	.00661	.84645
Stddev	.00042	.00044	4.53	.00029	.00041	.271	.00026	.00927
%RSD	22.158	591.18	2.0783	40.649	.61565	1.0230	3.8963	1.0949
#1	.00163	.00014	218.80	.00047	.06705	26.563	.00690	.84023
#2	.00165	.00022	221.82	.00102	.06633	26.648	.00641	.84201
#3	.00236	-.00058	212.92	.00062	.06636	26.143	.00651	.85710
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.913	F 13.595	-.01650	-.00332	.00458	.0088	1.0057	5.0127
Stddev	.252	.183	.00016	.00179	.00106	.0010	.0105	.2324
%RSD	.57353	1.3443	.97917	54.028	23.167	11.12	1.0438	4.6361
#1	44.194	13.684	-.01665	-.00539	.00355	.0097	1.0128	5.1700
#2	43.836	13.716	-.01633	-.00239	.00452	.0091	1.0108	4.7458
#3	43.708	13.384	-.01651	-.00218	.00566	.0077	.99366	5.1223

Sample Name: J6497-04 Acquired: 12/21/2018 18:44:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MW-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.25373
%RSD	64.637

#1	-.10043
#2	-.51911
#3	-.55808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.9	40476.	4325.6	93.926	3252.5
Stddev	21.1	69.	58.1	.882	24.2
%RSD	.70710	.16928	1.3436	.93915	.74385

#1	2965.7	40424.	4296.2	92.917	3227.6
#2	2990.2	40554.	4288.2	94.310	3254.0
#3	3007.8	40451.	4392.6	94.550	3276.0

Sample Name: J6503-01 Acquired: 12/21/2018 18:48:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-GROUNDWAT Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03323	-.00636	.17020	.00563	-.20246	79.942	.15694	.00066
Stddev	.00146	.00058	.00102	.00514	.00824	.933	.00060	.00003
%RSD	4.3858	9.0736	.60162	91.316	4.0693	1.1675	.38541	4.2836
#1	-.03157	-.00654	.17022	.00695	-.19534	78.875	.15691	.00067
#2	-.03383	-.00572	.16916	.00998	-.21149	80.340	.15755	.00063
#3	-.03429	-.00683	.17121	-.00004	-.20057	80.610	.15634	.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	228.22	F 39.265	.10194	.08581	85.593	1.5764	42.617
Stddev	.00011	.77	.410	.00038	.00058	.807	.0238	.026
%RSD	15.394	.33521	1.0437	.37029	.67399	.94263	1.5118	.06110
#1	-.00073	229.00	38.806	.10235	.08648	85.984	1.5489	42.598
#2	-.00076	228.18	39.595	.10185	.08548	86.130	1.5899	42.647
#3	-.00057	227.48	39.392	.10161	.08547	84.666	1.5904	42.607
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31511	.00173	568.87	.68003	.47739	21.161	.01265	.34482
Stddev	.00034	.00043	6.16	.01016	.00549	.068	.00030	.00580
%RSD	.10895	24.611	1.0827	1.4941	1.1500	.32251	2.3861	1.6813
#1	.31472	.00222	567.76	.66884	.47960	21.222	.01250	.34586
#2	.31538	.00150	575.51	.68867	.48142	21.172	.01299	.35003
#3	.31522	.00146	563.35	.68258	.47113	21.087	.01245	.33858
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.343	F 30.900	.00923	1.5738	.03485	.9921	.21829	5.0660
Stddev	.061	.098	.00130	.0045	.00044	.0016	.00165	.2107
%RSD	.31439	.31804	14.110	.28702	1.2499	.1604	.75466	4.1591
#1	19.391	30.887	.01073	1.5706	.03438	.9911	.22017	4.8295
#2	19.364	31.004	.00833	1.5718	.03523	.9913	.21709	5.1350
#3	19.274	30.808	.00865	1.5790	.03495	.9940	.21762	5.2335

Sample Name: J6503-01 Acquired: 12/21/2018 18:48:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-GROUNDWAT Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.514
Stddev	.209
%RSD	1.9881

#1	10.323
#2	10.737
#3	10.483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2880.8	40055.	4380.2	91.005	2991.6
Stddev	8.6	381.	30.4	1.059	12.3
%RSD	.29791	.95030	.69452	1.1631	.41239

#1	2873.0	40484.	4357.0	90.371	2980.8
#2	2890.0	39760.	4368.9	90.418	3005.0
#3	2879.4	39919.	4414.7	92.227	2989.0

Sample Name: J6516-01 Acquired: 12/21/2018 18:53:13 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-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	.00326	-.00313	.01520	.01273	.01055	.37454	.14685	-.00005
Stddev	.00208	.00012	.00182	.00180	.00056	.01001	.00110	.00008
%RSD	63.972	3.7442	11.958	14.113	5.3502	2.6714	.75002	149.95
#1	.00483	-.00325	.01649	.01307	.00992	.38449	.14558	-.00013
#2	.00089	-.00313	.01312	.01079	.01069	.36448	.14741	-.00006
#3	.00405	-.00302	.01600	.01434	.01103	.37466	.14756	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	337.66	.01619	.00624	.08194	1.0038	.61366	43.323
Stddev	.00005	1.44	.00019	.00012	.00013	.0154	.00106	.136
%RSD	40.177	.42751	1.2009	1.9074	.15379	1.5383	.17195	.31459
#1	-.00013	336.07	.01639	.00626	.08200	1.0087	.61376	43.229
#2	-.00007	338.02	.01601	.00635	.08202	.98651	.61466	43.261
#3	-.00017	338.89	.01616	.00611	.08179	1.0162	.61256	43.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00928	-.00046	238.58	.00647	.05495	35.387	.03203	.41727
Stddev	.00038	.00023	1.29	.00036	.00048	.032	.00055	.00968
%RSD	4.0493	49.379	.54037	5.4897	.86693	.09011	1.7177	2.3202
#1	.00969	-.00071	237.16	.00627	.05516	35.370	.03266	.42013
#2	.00921	-.00028	239.68	.00626	.05440	35.367	.03163	.40649
#3	.00895	-.00038	238.88	.00688	.05528	35.424	.03180	.42521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 240.20	9.0524	-.08723	.02200	.01522	.1740	1.8515	4.8737
Stddev	1.03	.0356	.00050	.00264	.00034	.0017	.0017	.1329
%RSD	.42682	.39330	.57062	11.995	2.2339	.9593	.09274	2.7274
#1	241.19	9.0133	-.08715	.02254	.01523	.1757	1.8527	4.9366
#2	240.27	9.0830	-.08776	.01913	.01487	.1724	1.8496	4.9636
#3	239.14	9.0608	-.08677	.02432	.01555	.1740	1.8524	4.7210

Sample Name: J6516-01 Acquired: 12/21/2018 18:53:13 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.48151
%RSD	144.99

#1	-.01204
#2	-.88587
#3	-.09841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2974.3	40544.	4328.0	94.135	3212.8
Stddev	11.5	216.	14.8	.539	16.2
%RSD	.38830	.53348	.34131	.57275	.50523

#1	2962.4	40303.	4332.3	93.549	3196.6
#2	2975.1	40607.	4311.6	94.610	3212.7
#3	2985.5	40721.	4340.2	94.246	3229.0

Sample Name: J6516-01DUP Acquired: 12/21/2018 18:57:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-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	.00550	-.00349	.01354	.01287	.00950	.36811	.14642	-.00004
Stddev	.00415	.00033	.00076	.00289	.00083	.01013	.00040	.00007
%RSD	75.385	9.5587	5.6304	22.424	8.7885	2.7524	.27004	170.85
#1	.00983	-.00366	.01435	.00989	.00928	.36948	.14597	.00003
#2	.00512	-.00371	.01343	.01308	.01042	.37749	.14671	-.00011
#3	.00156	-.00311	.01284	.01565	.00880	.35736	.14658	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	335.87	.01537	.00635	.08047	.99164	.60439	43.140
Stddev	.00009	1.19	.00020	.00008	.00026	.02146	.00549	.158
%RSD	70.792	.35336	1.2946	1.3223	.32928	2.1644	.90757	.36598
#1	-.00004	335.62	.01544	.00628	.08039	.97218	.60951	42.965
#2	-.00014	337.16	.01552	.00644	.08077	.98807	.60506	43.183
#3	-.00022	334.82	.01514	.00632	.08026	1.0147	.59860	43.272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00942	.00047	240.01	.00630	.05484	35.334	.03167	.41111
Stddev	.00009	.00008	1.64	.00044	.00085	.068	.00028	.00944
%RSD	1.0033	16.982	.68186	7.0101	1.5503	.19215	.87622	2.2956
#1	.00940	.00051	241.85	.00581	.05389	35.380	.03138	.41018
#2	.00934	.00038	239.46	.00666	.05509	35.365	.03193	.40217
#3	.00953	.00052	238.71	.00643	.05553	35.256	.03170	.42098
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 237.34	9.0517	-.08616	.01946	.01296	.1705	1.8406	4.4826
Stddev	.09	.0551	.00059	.00059	.00135	.0015	.0094	.4024
%RSD	.03914	.60897	.68166	3.0374	10.402	.8528	.50885	8.9775
#1	237.43	9.0681	-.08675	.02004	.01155	.1694	1.8432	4.7832
#2	237.35	9.0967	-.08616	.01886	.01308	.1701	1.8483	4.6392
#3	237.25	8.9902	-.08558	.01949	.01424	.1722	1.8301	4.0255

Sample Name: J6516-01DUP Acquired: 12/21/2018 18:57:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.23574
%RSD	31.268

#1	-.99843
#2	-.73534
#3	-.52805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3020.6	41132.	4332.1	94.751	3254.2
Stddev	5.8	459.	22.2	1.408	11.1
%RSD	.19171	1.1152	.51343	1.4858	.34147

#1	3020.7	40701.	4323.0	96.268	3256.2
#2	3026.3	41081.	4315.9	94.498	3264.2
#3	3014.7	41614.	4357.5	93.487	3242.2

Sample Name: J6516-01LX5 Acquired: 12/21/2018 19:01:35 Type: Unk
Method: P4-ICP2(v2678) 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	-.00021	-.00151	.00371	.00120	-.00006	.08733	.02815	-.00000
Stddev	.00127	.00178	.00142	.00164	.00116	.00650	.00078	.00005
%RSD	618.65	117.90	38.297	137.08	1842.9	7.4445	2.7560	1570.1
#1	-.00167	.00037	.00258	.00142	-.00140	.07985	.02876	.00003
#2	.00056	-.00317	.00323	.00271	.00055	.09054	.02728	.00001
#3	.00049	-.00173	.00530	-.00054	.00066	.09160	.02840	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	66.042	.00289	.00105	.01587	.20920	.12435	8.6978
Stddev	.00005	.418	.00037	.00033	.00020	.01415	.00034	.0358
%RSD	54.070	.63302	12.978	31.850	1.2729	6.7632	.27250	.41136
#1	-.00008	66.519	.00319	.00143	.01567	.19831	.12435	8.6566
#2	-.00006	65.867	.00247	.00081	.01587	.20410	.12401	8.7215
#3	-.00016	65.740	.00301	.00091	.01608	.22519	.12469	8.7152
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00007	46.779	.00105	.01383	6.8627	.00614	.08653
Stddev	.00059	.00036	.245	.00048	.00020	.0063	.00029	.00489
%RSD	39.507	486.71	.52316	45.715	1.4463	.09131	4.7698	5.6463
#1	.00107	.00048	47.030	.00050	.01380	6.8675	.00643	.09200
#2	.00126	-.00021	46.765	.00133	.01365	6.8650	.00584	.08258
#3	.00218	-.00005	46.541	.00132	.01405	6.8556	.00616	.08503
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.275	1.8407	-.01759	.00379	.00237	.0339	.36064	2.9956
Stddev	.113	.0103	.00064	.00147	.00084	.0004	.00329	.1657
%RSD	.24998	.56152	3.6334	38.844	35.462	1.183	.91190	5.5308
#1	45.369	1.8495	-.01775	.00438	.00147	.0335	.36428	3.1286
#2	45.308	1.8433	-.01813	.00212	.00313	.0342	.35974	3.0481
#3	45.149	1.8293	-.01688	.00488	.00250	.0340	.35789	2.8100

Sample Name: J6516-01LX5 Acquired: 12/21/2018 19:01:35 Type: Unk
Method: P4-ICP2(v2678) 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	.31403
%RSD	59.073

#1	-.78723
#2	-.62649
#3	-.18106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3220.0	43858.	4498.7	99.461	3609.6
Stddev	18.8	135.	38.2	.455	12.6
%RSD	.58509	.30672	.84951	.45706	.34814

#1	3206.7	43703.	4454.7	99.464	3598.4
#2	3211.7	43921.	4517.4	99.915	3607.4
#3	3241.6	43949.	4523.9	99.006	3623.2

Sample Name: J6516-01MS Acquired: 12/21/2018 19:05:39 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72815	1.6377	.84350	1.7803	.72304	2.2932	.31297
Stddev	.01079	.0114	.00873	.0142	.00537	.0257	.00445
%RSD	1.4824	.69614	1.0349	.79627	.74246	1.1230	1.4209

#1	.72742	1.6392	.84235	1.7786	.72200	2.2711	.31480
#2	.73928	1.6483	.85274	1.7953	.72885	2.2868	.31621
#3	.71773	1.6257	.83540	1.7671	.71827	2.3215	.30790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18251	.16876	295.42	.37274	.18342	.33904	3.5069
Stddev	.00029	.00166	5.82	.00017	.00184	.00281	.0205
%RSD	.16023	.98126	1.9698	.04532	1.0054	.82934	.58370

#1	.18284	.16869	298.45	.37274	.18343	.33822	3.5288
#2	.18237	.17045	299.10	.37291	.18526	.34217	3.5037
#3	.18231	.16714	288.71	.37257	.18157	.33673	3.4883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72322	39.812	.44116	.06345	215.45	.27436	.21989
Stddev	.00057	.222	.00348	.00063	4.23	.00095	.00418
%RSD	.07940	.55679	.78946	.98650	1.9612	.34684	1.8996

#1	.72367	39.945	.44097	.06375	217.52	.27410	.22256
#2	.72257	39.936	.44473	.06273	218.23	.27356	.22203
#3	.72343	39.556	.43777	.06387	210.58	.27541	.21507

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.670	.37067	.61827	F 214.41	8.8378	.48680	.18692
Stddev	.815	.00261	.00216	1.61	.1663	.00557	.00257
%RSD	2.0532	.70399	.34899	.75208	1.8813	1.1439	1.3736

#1	40.010	.36988	.62059	213.91	8.9122	.48528	.18823
#2	40.259	.37358	.61632	216.21	8.9537	.49297	.18857
#3	38.741	.36854	.61790	213.10	8.6473	.48215	.18396

Sample Name: J6516-01MS Acquired: 12/21/2018 19:05:39 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19437	5.459	1.7896	4.8275	F<.00000
Stddev	.00213	.053	.0399	.1047	.42856
%RSD	1.0934	.9658	2.2298	2.1697	29.599

#1	.19438	5.463	1.8133	4.8338	-1.6456
#2	.19649	5.510	1.8119	4.9290	-1.7419
#3	.19224	5.405	1.7435	4.7198	-.95618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.3	40824.	4373.4	95.025	3221.5
Stddev	18.1	42.	90.7	1.538	22.8
%RSD	.60448	.10277	2.0729	1.6186	.70658

#1	3008.1	40791.	4336.8	94.014	3231.6
#2	2974.6	40810.	4306.9	94.267	3195.5
#3	3003.3	40871.	4476.7	96.795	3237.6

Sample Name: J6516-01MSD Acquired: 12/21/2018 19:09:30 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73336	1.6432	.84570	1.7854	.72698	2.2906	.31529
Stddev	.00565	.0040	.00303	.0049	.00123	.0488	.00038
%RSD	.76983	.24467	.35886	.27391	.16930	2.1318	.11915

#1	.73403	1.6439	.84717	1.7909	.72834	2.2651	.31537
#2	.72741	1.6468	.84221	1.7840	.72665	2.2598	.31488
#3	.73864	1.6388	.84773	1.7814	.72595	2.3469	.31562

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18277	.16966	296.74	.37140	.18439	.34013	3.5132
Stddev	.00064	.00027	2.79	.00055	.00089	.00063	.0328
%RSD	.34977	.15756	.93902	.14786	.48444	.18561	.93409

#1	.18203	.16965	299.81	.37190	.18506	.34008	3.5355
#2	.18307	.16940	296.06	.37149	.18337	.33952	3.5286
#3	.18320	.16993	294.36	.37081	.18473	.34078	3.4755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72313	40.467	.44357	.06398	216.63	.27535	.21830
Stddev	.00127	.252	.00113	.00055	2.45	.00241	.00579
%RSD	.17603	.62187	.25512	.86169	1.1319	.87387	2.6517

#1	.72195	40.220	.44442	.06401	219.26	.27460	.22144
#2	.72296	40.459	.44229	.06342	216.24	.27341	.22184
#3	.72448	40.723	.44399	.06452	214.41	.27804	.21162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.047	.37239	.62152	F 214.38	8.8522	.48784	.18820
Stddev	.294	.00045	.00669	.35	.1259	.00154	.00208
%RSD	.73411	.11974	1.0756	.16377	1.4219	.31536	1.1052

#1	40.347	.37193	.62154	214.69	8.9702	.48659	.18847
#2	40.034	.37282	.61483	214.00	8.8667	.48956	.18600
#3	39.760	.37242	.62820	214.46	8.7197	.48736	.19014

Sample Name: J6516-01MSD Acquired: 12/21/2018 19:09:30 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EXCAVATION-W Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19632	5.459	1.7931	4.6160	F<.00000
Stddev	.00142	.006	.0181	.0856	.34110
%RSD	.72171	.1018	1.0103	1.8549	25.085

#1	.19750	5.465	1.8129	4.7045	-1.4967
#2	.19474	5.454	1.7891	4.6100	-.97147
#3	.19671	5.458	1.7773	4.5335	-1.6111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2986.2	40883.	4354.0	95.939	3212.8
Stddev	8.6	66.	59.5	2.485	6.9
%RSD	.28680	.16073	1.3654	2.5903	.21512

#1	2977.4	40845.	4294.3	94.541	3204.9
#2	2994.4	40959.	4354.3	94.468	3217.9
#3	2986.9	40846.	4413.2	98.809	3215.5

Sample Name: J6516-01A Acquired: 12/21/2018 19:13:26 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7828 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73881	1.6470	.84998	1.7971	.73276	2.3024	.31734
Stddev	.00053	.0031	.00359	.0058	.00509	.0355	.00059
%RSD	.07127	.19047	.42215	.32421	.69516	1.5414	.18537

#1	.73827	1.6435	.84592	1.8016	.73860	2.2649	.31801
#2	.73883	1.6495	.85274	1.7992	.72923	2.3355	.31707
#3	.73932	1.6480	.85127	1.7905	.73046	2.3067	.31693

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18361	.17022	300.36	.37546	.18554	.34128	3.4928
Stddev	.00045	.00037	2.80	.00184	.00060	.00075	.0560
%RSD	.24467	.21527	.93369	.48957	.32589	.22110	1.6023

#1	.18313	.16980	303.45	.37647	.18500	.34209	3.4573
#2	.18366	.17049	297.98	.37334	.18619	.34115	3.4638
#3	.18402	.17036	299.65	.37657	.18543	.34060	3.5573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72698	40.735	.44331	.06512	215.63	.27556	.21899
Stddev	.00079	.142	.00106	.00029	3.35	.00089	.00391
%RSD	.10880	.34865	.23889	.44951	1.5513	.32204	1.7834

#1	.72652	40.573	.44276	.06492	219.45	.27530	.22158
#2	.72789	40.837	.44453	.06498	213.23	.27482	.21450
#3	.72653	40.794	.44264	.06545	214.22	.27654	.22090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.077	.37259	.62730	F 215.32	8.9620	.49116	.18956
Stddev	.337	.00029	.01110	.49	.1254	.00040	.00059
%RSD	.84041	.07838	1.7693	.22705	1.3995	.08059	.31316

#1	40.447	.37279	.63985	215.58	9.1012	.49141	.18889
#2	39.787	.37226	.61878	215.63	8.8577	.49070	.18980
#3	39.999	.37274	.62328	214.76	8.9271	.49136	.19000

Sample Name: J6516-01A Acquired: 12/21/2018 19:13:26 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7828 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19747	5.495	1.8116	4.9407	F<.00000
Stddev	.00213	.010	.0187	.0877	.20452
%RSD	1.0796	.1900	1.0321	1.7760	18.277

#1	.19524	5.493	1.8318	5.0418	-.99947
#2	.19949	5.486	1.7948	4.8845	-1.3551
#3	.19766	5.506	1.8083	4.8958	-1.0023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.2	40759.	4328.4	95.669	3209.3
Stddev	8.3	78.	53.0	1.734	7.2
%RSD	.27723	.19037	1.2255	1.8126	.22379

#1	2973.6	40696.	4268.7	94.272	3206.0
#2	2980.0	40735.	4369.9	97.610	3204.3
#3	2990.0	40846.	4346.7	95.125	3217.5

Sample Name: J6191-01 Acquired: 12/21/2018 19:17:23 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04861	-.00862	.15148	.01890	.00859	112.70	2.0996	.01012
Stddev	.00081	.00131	.00246	.00172	.00152	.22	.0098	.00011
%RSD	1.6597	15.241	1.6213	9.1040	17.673	.19744	.46796	1.0828

#1	.04891	-.00725	.15397	.01940	.00953	112.77	2.0883	.01002
#2	.04770	-.00874	.14906	.02032	.00941	112.46	2.1057	.01010
#3	.04922	-.00987	.15143	.01699	.00684	112.89	2.1049	.01023

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00967	35.085	.23541	.11895	.14581	353.07	4.4141	32.800
Stddev	.00054	.262	.00109	.00098	.00258	3.88	.0031	.293
%RSD	5.5918	.74637	.46312	.82172	1.7689	1.0996	.06905	.89402

#1	-.00909	34.797	.23655	.11883	.14807	349.40	4.4135	32.476
#2	-.01016	35.310	.23438	.11804	.14300	357.13	4.4174	32.877
#3	-.00974	35.147	.23529	.11998	.14636	352.68	4.4115	33.048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17294	.00258	7.2148	.33451	.59650	8.4365	.00275	.04147
Stddev	.00118	.00047	.0204	.00167	.00814	.0384	.00026	.01204
%RSD	.68216	18.313	.28259	.49952	1.3651	.45523	9.5031	29.040

#1	.17297	.00207	7.1914	.33644	.59037	8.4142	.00284	.03217
#2	.17175	.00300	7.2244	.33370	.60574	8.4808	.00295	.05507
#3	.17411	.00266	7.2287	.33340	.59339	8.4144	.00245	.03716

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1885	3.3022	.01029	1.5239	.17311	6.249	-.10622	<.00000
Stddev	.0135	.0266	.00124	.0074	.00093	.035	.00213	.09393
%RSD	.61538	.80664	12.081	.48556	.53918	.5668	2.0029	15.764

#1	2.1878	3.3182	.00888	1.5313	.17398	6.259	-.10489	-.58323
#2	2.1754	3.3170	.01121	1.5165	.17323	6.210	-.10867	-.69548
#3	2.2023	3.2715	.01078	1.5239	.17212	6.278	-.10509	-.50890

Sample Name: J6191-01 Acquired: 12/21/2018 19:17:23 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.6498
Stddev	.6213
%RSD	7.1826

#1	8.0331
#2	8.6408
#3	9.2755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.1	47885.	4990.3	97.181	3447.9
Stddev	28.3	84.	31.7	1.366	29.2
%RSD	.79795	.17560	.63442	1.4060	.84655

#1	3529.4	47788.	5022.3	98.284	3436.6
#2	3577.8	47937.	4959.0	95.652	3481.0
#3	3528.2	47930.	4989.6	97.607	3426.0

Sample Name: J6191-03 Acquired: 12/21/2018 19:21:22 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04185	-.01108	.98932	.02244	.00652	139.43	1.2345	.00872
Stddev	.00383	.00237	.00102	.00308	.00078	.19	.0041	.00003
%RSD	9.1448	21.351	.10308	13.725	11.906	.13515	.33190	.39317

#1	.04199	-.01381	.98820	.01932	.00728	139.64	1.2307	.00870
#2	.03795	-.00955	.98958	.02252	.00654	139.28	1.2389	.00870
#3	.04560	-.00988	.99018	.02548	.00573	139.38	1.2338	.00876

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00697	54.707	.26855	.13526	.31588	343.00	5.0810	55.805
Stddev	.00047	.354	.00097	.00034	.00247	3.10	.0158	.228
%RSD	6.7235	.64691	.35972	.25477	.78086	.90339	.31172	.40920

#1	-.00673	54.445	.26744	.13488	.31830	339.83	5.0817	55.647
#2	-.00751	54.566	.26920	.13556	.31337	346.02	5.0648	55.700
#3	-.00667	55.110	.26902	.13533	.31597	343.16	5.0965	56.066

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26773	.00566	6.5563	.42811	1.1042	12.944	.00777	.20340
Stddev	.00059	.00022	.0328	.00177	.0102	.081	.00035	.00164
%RSD	.22160	3.8335	.50077	.41352	.92278	.62515	4.5120	.80734

#1	.26714	.00565	6.5213	.42652	1.0927	12.875	.00778	.20529
#2	.26774	.00588	6.5863	.42780	1.1119	13.033	.00742	.20238
#3	.26832	.00545	6.5614	.43002	1.1081	12.924	.00812	.20251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0233	4.1929	.03269	2.5652	.32064	7.904	-.09035	<.00000
Stddev	.0221	.0236	.00053	.0126	.00118	.019	.00256	.17721
%RSD	.54939	.56180	1.6246	.49180	.36917	.2383	2.8313	9.2116

#1	4.0287	4.1874	.03208	2.5508	.32189	7.890	-.08814	-1.7830
#2	3.9990	4.2187	.03295	2.5743	.31954	7.896	-.09315	-1.8657
#3	4.0423	4.1725	.03303	2.5704	.32047	7.926	-.08974	-2.1228

Sample Name: J6191-03 Acquired: 12/21/2018 19:21:22 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.9592
Stddev	.5555
%RSD	6.9797

#1	8.5859
#2	7.7644
#3	7.5274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.7	49803.	5293.0	96.224	3348.9
Stddev	8.8	96.	24.5	.857	18.9
%RSD	.24342	.19225	.46355	.89039	.56308

#1	3641.7	49704.	5319.3	97.182	3370.5
#2	3625.5	49895.	5288.7	95.531	3335.8
#3	3639.9	49809.	5270.8	95.958	3340.4

Sample Name: CCV07 Acquired: 12/21/2018 19:25:29 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14393 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1526	5.1072	5.0571	5.1129	5.1789	10.483	10.371	.26086
Stddev	.0132	.0012	.0093	.0095	.0045	.032	.020	.00048
%RSD	.25540	.02345	.18319	.18677	.08618	.30472	.19640	.18268
#1	5.1449	5.1063	5.0637	5.1018	5.1742	10.484	10.394	.26099
#2	5.1452	5.1085	5.0466	5.1185	5.1795	10.514	10.363	.26034
#3	5.1678	5.1066	5.0612	5.1183	5.1831	10.450	10.356	.26126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5354	26.488	1.0495	2.5447	1.2954	5.0931	2.6223	25.543
Stddev	.0034	.053	.0047	.0023	.0033	.0890	.0034	.084
%RSD	.13267	.20122	.44819	.09055	.25550	1.7478	.13049	.33016
#1	2.5392	26.511	1.0549	2.5470	1.2918	4.9920	2.6252	25.534
#2	2.5337	26.526	1.0468	2.5446	1.2983	5.1277	2.6185	25.631
#3	2.5332	26.427	1.0467	2.5424	1.2962	5.1596	2.6231	25.463
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5199	1.2805	24.764	2.5207	2.5604	24.703	5.1021	5.1299
Stddev	.0054	.0072	.034	.0014	.0279	.089	.0022	.0231
%RSD	.21293	.56210	.13913	.05515	1.0876	.35918	.04236	.44943
#1	2.5244	1.2888	24.798	2.5217	2.5294	24.803	5.1009	5.1162
#2	2.5213	1.2774	24.729	2.5191	2.5685	24.632	5.1008	5.1565
#3	2.5140	1.2754	24.764	2.5212	2.5834	24.674	5.1046	5.1169
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9998	5.0295	5.0119	5.1366	5.1138	5.113	5.3121	F 3.9964
Stddev	.0130	.0276	.0071	.0089	.0073	.003	.0135	.1165
%RSD	.26034	.54864	.14102	.17379	.14378	.0652	.25413	2.9157
#1	5.0074	5.0585	5.0198	5.1468	5.1222	5.117	5.3263	4.1287
#2	5.0071	5.0036	5.0063	5.1307	5.1085	5.111	5.2994	3.9511
#3	4.9847	5.0262	5.0095	5.1322	5.1106	5.111	5.3106	3.9093

Sample Name: CCV07 Acquired: 12/21/2018 19:25:29 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14393 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4122
Stddev	.4106
%RSD	17.021

#1	2.3312
#2	2.0481
#3	2.8572

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.9	43200.	4432.4	95.840	3474.2
Stddev	2.3	124.	24.6	.883	9.0
%RSD	.07078	.28764	.55437	.92164	.25956

#1	3210.3	43081.	4404.6	96.832	3464.1
#2	3213.7	43189.	4451.2	95.549	3477.3
#3	3214.6	43329.	4441.4	95.139	3481.3

Sample Name: CCB07 Acquired: 12/21/2018 19:29:09 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14393 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	.00188	-.00014	-.00064	-.00013	-.00601	.00019
Stddev	.00269	.00086	.00052	.00216	.00154	.01527	.00038
%RSD	123.98	45.777	372.83	338.88	1144.7	254.04	206.22

#1	-.00327	.00089	.00031	-.00185	-.00002	.01162	-.00009
#2	-.00414	.00238	-.00003	.00185	-.00173	-.01457	.00062
#3	.00090	.00238	-.00070	-.00191	.00135	-.01508	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00005	-.00798	.00001	-.00003	-.00088	.00607
Stddev	.00002	.00003	.00718	.00021	.00023	.00034	.00289
%RSD	78.342	63.321	90.012	1418.8	899.36	38.936	47.687

#1	-.00005	.00007	-.00486	.00007	.00022	-.00053	.00941
#2	-.00001	.00008	-.01619	.00019	-.00024	-.00122	.00449
#3	-.00002	.00002	-.00288	-.00022	-.00006	-.00088	.00431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.03576	-.00021	.00025	.07863	.00001	-.00006
Stddev	.00005	.02401	.00015	.00017	.00586	.00018	.00017
%RSD	46.399	67.154	70.732	70.724	7.4512	2763.8	280.19

#1	.00006	-.02461	-.00005	.00036	.07373	.00020	-.00006
#2	.00016	-.06332	-.00033	.00005	.07704	-.00004	.00011
#3	.00010	-.01934	-.00024	.00033	.08512	-.00015	-.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02930	.00028	.00293	F .00577	.00337	-.00069	.00051
Stddev	.01898	.00009	.00462	.00135	.00150	.00051	.00129
%RSD	64.780	30.560	157.77	23.368	44.483	74.316	253.22

#1	.00746	.00027	.00003	.00726	.00507	-.00029	.00168
#2	.03864	.00038	.00050	.00538	.00226	-.00050	.00072
#3	.04179	.00021	.00826	.00465	.00277	-.00126	-.00088

Sample Name: CCB07 Acquired: 12/21/2018 19:29:09 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14393 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.0007	.00001	F 2.2463	F<.00000
Stddev	.00062	.0009	.00007	.0487	.49118
%RSD	183.25	138.0	608.47	2.1683	618.34

#1	-.00010	.0017	-.00007	2.2758	.47852
#2	-.00104	.0000	.00007	2.2729	-.27028
#3	.00013	.0003	.00003	2.1900	-.44655

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.2	45617.	4473.8	99.223	3928.2
Stddev	16.8	102.	29.0	1.947	35.4
%RSD	.49774	.22433	.64847	1.9619	.90197

#1	3357.7	45618.	4455.8	97.020	3904.4
#2	3380.2	45514.	4507.2	99.934	3911.2
#3	3390.6	45719.	4458.2	100.71	3968.9

Sample Name: J6192-03 Acquired: 12/21/2018 19:33:19 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02999	-.01648	.25470	.03402	.00490	110.48	.58615	.00715
Stddev	.00236	.00042	.00148	.00100	.00271	.57	.00419	.00001
%RSD	7.8796	2.5502	.57915	2.9259	55.299	.51489	.71490	.20425
#1	.02878	-.01691	.25495	.03511	.00333	109.84	.58132	.00716
#2	.02849	-.01647	.25603	.03315	.00334	110.92	.58882	.00713
#3	.03272	-.01607	.25311	.03380	.00803	110.69	.58831	.00716
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00799	76.293	.19780	.17967	.28712	352.98	3.8105	44.776
Stddev	.00045	1.028	.00049	.00043	.00191	4.23	.0094	.361
%RSD	5.6586	1.3479	.24771	.24116	.66446	1.1980	.24528	.80707
#1	-.00817	75.108	.19798	.18000	.28563	354.93	3.8007	44.366
#2	-.00832	76.826	.19817	.17983	.28644	355.87	3.8114	45.048
#3	-.00747	76.947	.19724	.17918	.28927	348.12	3.8193	44.915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20548	.01020	7.0858	.34120	.70491	12.826	.00949	.13095
Stddev	.00048	.00065	.0650	.00265	.01324	.155	.00056	.00780
%RSD	.23312	6.3528	.91670	.77538	1.8787	1.2068	5.9218	5.9570
#1	.20579	.01095	7.0110	.33906	.71394	12.661	.00990	.13822
#2	.20493	.00984	7.1184	.34416	.71109	12.851	.00885	.13192
#3	.20572	.00981	7.1281	.34038	.68971	12.968	.00971	.12271
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.294	1.9259	.01275	3.9175	.09892	9.711	-.18495	<.00000
Stddev	.019	.0279	.00088	.0154	.00100	.004	.00559	.22766
%RSD	.18191	1.4501	6.8760	.39291	1.0121	.0423	3.0240	4.2001
#1	10.315	1.9176	.01329	3.9072	.09898	9.707	-.18917	-5.2126
#2	10.278	1.9571	.01174	3.9102	.09789	9.715	-.18708	-5.3849
#3	10.290	1.9031	.01322	3.9352	.09989	9.712	-.17861	-5.6638

Sample Name: J6192-03 Acquired: 12/21/2018 19:33:19 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-122018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.1870
Stddev	.4949
%RSD	5.3866

#1	8.6699
#2	9.6561
#3	9.2352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4210.5	57361.	6101.4	97.037	3349.5
Stddev	3.4	161.	38.2	1.703	4.9
%RSD	.07981	.28122	.62607	1.7547	.14607

#1	4213.4	57425.	6142.7	95.902	3352.8
#2	4211.3	57177.	6067.3	96.214	3351.8
#3	4206.8	57480.	6094.1	98.994	3343.9

Sample Name: J6200-01 Acquired: 12/21/2018 19:37:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08616	-.01066	.29947	.01559	.00545	178.11	.77094	.00876
Stddev	.00067	.00192	.00097	.00317	.00116	.86	.00826	.00025
%RSD	.77526	17.969	.32473	20.347	21.283	.48390	1.0713	2.8523
#1	.08602	-.01215	.29965	.01695	.00668	177.15	.77998	.00903
#2	.08689	-.00850	.30035	.01196	.00527	178.37	.76906	.00854
#3	.08557	-.01134	.29843	.01784	.00439	178.82	.76379	.00871
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00717	134.92	.26341	.14426	.41543	303.05	5.0872	84.078
Stddev	.00076	1.52	.00166	.00012	.00487	7.76	.0478	.611
%RSD	10.624	1.1239	.62865	.08010	1.1720	2.5600	.93998	.72653
#1	-.00797	136.62	.26215	.14422	.41062	311.86	5.0355	84.763
#2	-.00711	133.70	.26528	.14439	.41533	300.05	5.1299	83.879
#3	-.00645	134.44	.26279	.14417	.42035	297.23	5.0961	83.590
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22957	.00409	12.130	.46198	.73256	22.071	.00277	.87048
Stddev	.00117	.00123	.113	.00390	.02009	.247	.00016	.01744
%RSD	.50783	30.038	.92760	.84478	2.7428	1.1203	5.8142	2.0032
#1	.23033	.00547	12.253	.45881	.75544	22.355	.00290	.89046
#2	.23015	.00368	12.106	.46634	.72448	21.903	.00282	.85834
#3	.22823	.00312	12.032	.46079	.71777	21.956	.00259	.86264
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7339	2.5490	.01333	3.5285	.28187	4.759	.04462	.18509
Stddev	.0130	.0419	.00067	.0155	.00033	.021	.00431	.21545
%RSD	.34811	1.6435	5.0515	.43964	.11673	.4434	9.6635	116.40
#1	3.7479	2.5548	.01261	3.5460	.28184	4.783	.04039	.01466
#2	3.7223	2.5876	.01343	3.5231	.28156	4.751	.04445	.11337
#3	3.7316	2.5045	.01395	3.5164	.28222	4.744	.04901	.42725

Sample Name: J6200-01 Acquired: 12/21/2018 19:37:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.696
Stddev .279
%RSD 2.0366

#1 13.482
#2 14.011
#3 13.593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.8	46913.	5001.8	93.906	3285.3
Stddev	21.0	202.	53.9	2.562	9.6
%RSD	.60488	.43057	1.0777	2.7279	.29194

#1	3473.1	47146.	4940.1	91.002	3274.3
#2	3482.1	46793.	5025.9	94.870	3291.5
#3	3442.1	46799.	5039.5	95.846	3290.2

Sample Name: J6200-01DUP Acquired: 12/21/2018 19:41:31 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07783	-.01392	.30337	.01802	.00521	180.77	.75162	.00887
Stddev	.00150	.00147	.00092	.00343	.00101	1.05	.00111	.00019
%RSD	1.9224	10.567	.30351	19.065	19.419	.58229	.14703	2.0980

#1	.07637	-.01397	.30437	.01660	.00638	179.73	.75078	.00898
#2	.07776	-.01537	.30256	.02193	.00473	181.84	.75287	.00897
#3	.07936	-.01243	.30317	.01552	.00454	180.73	.75121	.00865

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00662	157.45	.26509	.13815	.39761	294.00	5.0779	96.791
Stddev	.00052	.27	.00163	.00025	.00130	4.93	.0204	.172
%RSD	7.8330	.17175	.61454	.17838	.32721	1.6753	.40266	.17729

#1	-.00622	157.14	.26327	.13821	.39868	289.32	5.0676	96.593
#2	-.00721	157.63	.26640	.13788	.39799	299.14	5.1014	96.902
#3	-.00645	157.59	.26559	.13837	.39617	293.53	5.0645	96.878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22290	.00292	12.299	.45760	.70515	22.788	.00285	.86031
Stddev	.00159	.00086	.029	.00177	.01134	.038	.00033	.01727
%RSD	.71473	29.294	.23779	.38679	1.6087	.16751	11.702	2.0080

#1	.22331	.00220	12.278	.45964	.69414	22.776	.00246	.85060
#2	.22424	.00387	12.332	.45665	.71680	22.830	.00307	.88025
#3	.22114	.00269	12.285	.45651	.70452	22.757	.00302	.85008

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7505	2.6477	.01337	3.4733	.29380	4.731	.04810	.69960
Stddev	.0117	.0181	.00128	.0154	.00148	.008	.00416	.25181
%RSD	.31136	.68430	9.5525	.44279	.50463	.1603	8.6444	35.993

#1	3.7571	2.6684	.01191	3.4606	.29317	4.726	.05208	.52644
#2	3.7574	2.6346	.01428	3.4690	.29273	4.739	.04378	.98847
#3	3.7370	2.6401	.01392	3.4904	.29549	4.726	.04844	.58391

Sample Name: J6200-01DUP Acquired: 12/21/2018 19:41:31 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.762
Stddev	.634
%RSD	4.6063

#1	14.421
#2	13.709
#3	13.157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.9	46259.	5020.2	95.033	3263.6
Stddev	22.3	184.	7.8	1.263	17.2
%RSD	.64572	.39695	.15498	1.3287	.52614

#1	3435.2	46371.	5012.6	96.105	3244.9
#2	3462.0	46047.	5019.8	93.641	3267.3
#3	3479.5	46358.	5028.1	95.354	3278.6

Sample Name: J6200-01LX5 Acquired: 12/21/2018 19:45:37 Type: Unk
Method: P4-ICP2(v2678) 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	.01693	-.00279	.05932	.00468	.00047	35.904	.16143	.00187
Stddev	.00125	.00021	.00024	.00310	.00020	.023	.00045	.00001
%RSD	7.3583	7.5058	.40685	66.226	42.042	.06518	.27978	.61241
#1	.01824	-.00297	.05906	.00809	.00066	35.915	.16153	.00186
#2	.01676	-.00256	.05954	.00201	.00027	35.920	.16182	.00188
#3	.01577	-.00283	.05935	.00395	.00049	35.877	.16094	.00187
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	31.802	.05780	.02681	.09254	57.611	1.1178	19.517
Stddev	.00012	.235	.00082	.00009	.00077	.461	.0017	.121
%RSD	6.4594	.73882	1.4261	.35006	.83185	.80079	.15280	.62144
#1	-.00182	32.010	.05772	.02690	.09341	58.123	1.1158	19.377
#2	-.00200	31.850	.05702	.02683	.09194	57.482	1.1186	19.583
#3	-.00178	31.547	.05866	.02671	.09228	57.227	1.1189	19.592
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04264	-.00005	2.5978	.09745	.14312	4.7066	.00044	.17393
Stddev	.00041	.00045	.0171	.00098	.00195	.0247	.00019	.00822
%RSD	.95183	961.53	.65715	1.0045	1.3623	.52468	44.554	4.7249
#1	.04291	-.00011	2.5855	.09694	.14537	4.6997	.00066	.18106
#2	.04217	.00043	2.6173	.09683	.14194	4.7340	.00029	.17578
#3	.04282	-.00046	2.5906	.09858	.14204	4.6860	.00036	.16494
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68084	.59421	.00188	.74208	.05874	.8804	.01724	2.6626
Stddev	.01239	.00343	.00059	.00101	.00146	.0095	.00022	.1540
%RSD	1.8197	.57643	31.228	.13637	2.4804	1.075	1.2775	5.7838
#1	.69426	.59679	.00162	.74325	.06041	.8914	.01699	2.7542
#2	.66984	.59032	.00256	.74145	.05776	.8750	.01739	2.7487
#3	.67843	.59552	.00147	.74155	.05805	.8749	.01735	2.4848

Sample Name: J6200-01LX5 Acquired: 12/21/2018 19:45:37 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.9940
Stddev	.1420
%RSD	1.5787

#1	8.8874
#2	8.9394
#3	9.1552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3344.7	45025.	4577.4	98.448	3634.8
Stddev	39.9	85.	43.0	1.408	39.9
%RSD	1.1922	.18865	.93977	1.4303	1.0989

#1	3298.7	44938.	4531.3	96.832	3588.6
#2	3366.1	45030.	4584.2	99.097	3657.6
#3	3369.3	45107.	4616.5	99.414	3658.1

Sample Name: J6200-01MS Acquired: 12/21/2018 19:49:38 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 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	.76257	1.9503	1.3039	1.7361	.15004	175.42	1.0050	.19726	.19160
Stddev	.00800	.0079	.0023	.0099	.00365	1.01	.0124	.00066	.00094
%RSD	1.0491	.40685	.17906	.57026	2.4318	.57346	1.2297	.33615	.49153
#1	.77173	1.9412	1.3012	1.7427	.15254	175.32	1.0138	.19765	.19086
#2	.75904	1.9561	1.3051	1.7247	.15172	176.47	1.0103	.19763	.19128
#3	.75695	1.9535	1.3053	1.7407	.14585	174.47	.99086	.19649	.19266
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.208	.63181	.35085	.75757	315.98	5.0392	60.150	.72386	.07310
Stddev	.915	.00167	.00057	.00468	3.44	.0329	.631	.00052	.00078
%RSD	1.1705	.26371	.16201	.61793	1.0879	.65303	1.0484	.07210	1.0664
#1	78.748	.63304	.35133	.76204	317.07	5.0503	60.471	.72327	.07374
#2	78.725	.63248	.35098	.75270	318.74	5.0650	60.555	.72402	.07333
#3	77.151	.62991	.35022	.75796	312.13	5.0021	59.423	.72428	.07223
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	13.520	.72783	.94051	28.704	.36178	1.0933	3.2354	3.3492	.63415
Stddev	.171	.00364	.00883	.358	.00237	.0177	.0072	.0445	.00052
%RSD	1.2644	.50047	.93849	1.2473	.65373	1.6202	.22102	1.3272	.08127
#1	13.590	.73056	.94324	28.909	.36446	1.0998	3.2424	3.3529	.63438
#2	13.645	.72923	.94765	28.913	.35999	1.1069	3.2281	3.3917	.63356
#3	13.325	.72369	.93064	28.291	.36089	1.0733	3.2358	3.3031	.63451
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	3.7926	.46175	F 10.92	.19074	.24716	7.6422			
Stddev	.0329	.00401	.01	.00289	.22349	.4607			
%RSD	.86751	.86743	.1289	1.5143	90.420	6.0277			
#1	3.7851	.46236	10.92	.19239	.45438	7.2693			
#2	3.8286	.46542	10.90	.19242	.27676	8.1572			
#3	3.7640	.45747	10.93	.18741	.01036	7.5002			

Sample Name: J6200-01MS Acquired: 12/21/2018 19:49:38 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 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	3524.4	47504.	5004.0	95.534	3336.3
Stddev	24.2	247.	62.4	1.083	5.5
%RSD	.68711	.51889	1.2465	1.1333	.16509
#1	3496.4	47387.	4960.3	95.114	3329.9
#2	3539.4	47338.	4976.2	94.725	3339.4
#3	3537.3	47788.	5075.4	96.764	3339.5

Sample Name: J6200-01MSD Acquired: 12/21/2018 19:53:37 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 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	.75950	1.9399	1.3028	1.7281	.15121	174.99	.98914	.19748	.19061
Stddev	.00602	.0017	.0036	.0059	.00349	.82	.01697	.00117	.00088
%RSD	.79240	.08858	.27957	.34130	2.3070	.46703	1.7156	.59226	.46094
#1	.75293	1.9385	1.3070	1.7231	.14740	174.21	.99896	.19705	.19021
#2	.76083	1.9418	1.3001	1.7266	.15198	174.90	.99893	.19658	.18999
#3	.76475	1.9392	1.3014	1.7346	.15425	175.84	.96955	.19880	.19161
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.671	.63161	.34975	.76062	311.52	5.0640	59.361	.72074	.07253
Stddev	.875	.00426	.00141	.00783	9.56	.0325	.976	.00089	.00187
%RSD	1.1416	.67516	.40309	1.0293	3.0683	.64139	1.6442	.12288	2.5844
#1	77.111	.62751	.34873	.75215	316.65	5.0544	59.716	.72117	.07317
#2	77.240	.63130	.35136	.76214	317.41	5.0374	60.109	.72131	.07401
#3	75.663	.63602	.34917	.76758	300.49	5.1002	58.257	.71972	.07042
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	13.264	.72840	.92707	28.171	.36231	1.0567	3.2310	3.3388	.62936
Stddev	.239	.00350	.02990	.467	.00222	.0251	.0186	.0488	.00088
%RSD	1.7983	.48002	3.2248	1.6588	.61293	2.3747	.57404	1.4619	.14048
#1	13.405	.72582	.94259	28.420	.35974	1.0755	3.2406	3.3890	.62985
#2	13.398	.72699	.94603	28.462	.36357	1.0665	3.2427	3.3360	.62834
#3	12.989	.73238	.89261	27.632	.36361	1.0282	3.2096	3.2915	.62990
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	3.7304	.45465	F 10.90	.18511	.23651	9.1902			
Stddev	.0497	.00486	.02	.00326	.10597	.8618			
%RSD	1.3319	1.0686	.2256	1.7616	44.804	9.3777			
#1	3.7762	.45894	10.92	.18458	.11421	10.177			
#2	3.7375	.45565	10.92	.18214	.30093	8.8114			
#3	3.6776	.44938	10.88	.18860	.29438	8.5826			

Sample Name: J6200-01MSD Acquired: 12/21/2018 19:53:37 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 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	3524.8	47459.	5085.1	96.862	3346.5
Stddev	26.1	135.	92.0	3.180	9.4
%RSD	.74021	.28532	1.8091	3.2830	.27962
#1	3554.3	47589.	5023.9	94.990	3353.5
#2	3504.6	47468.	5040.5	95.063	3335.8
#3	3515.6	47319.	5190.9	100.53	3350.0

Sample Name: J6200-01A Acquired: 12/21/2018 19:57:35 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7830 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .55835	sF -1.8803	sF -1.4098	s 1.2636	s .11007	k 174.42	.99616
Stddev	.29112	6.4492	4.5839	.6901	.05785	.45	.00486
%RSD	52.140	342.98	325.15	54.615	52.552	.25665	.48789

#1	.75776	1.9266	1.2941	1.7258	.14949	174.54	.99172
#2	.69300	1.7590	1.1790	1.5948	.13706	174.81	1.0014
#3	s .22427	s -9.3266	s -6.7024	s .47032	s .04367	k 173.93	.99540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .19574	s -.23851	k 77.923	k .62820	s -.34843	s .57416	k 315.25
Stddev	.00021	.72277	.666	.00359	1.1750	.26030	6.43
%RSD	.10620	303.04	.85429	.57173	337.22	45.336	2.0397

#1	.19550	.18917	77.195	.62622	.34493	.75781	310.20
#2	.19586	.16831	78.073	.62604	.31486	.68839	322.49
#3	k .19585	s -1.0730	k 78.501	k .63235	s -1.7051	s .27627	k 313.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0110	59.686	s -.66173	k .05717	13.402	k .72339	k .77259
Stddev	.0198	.338	2.3324	.02661	.064	.00111	.26275
%RSD	.39501	.56671	352.47	46.551	.48016	.15278	34.010

#1	4.9972	59.373	.71668	.07223	13.345	.72359	.92369
#2	5.0337	60.045	.65287	.07284	13.472	.72438	.92488
#3	5.0022	59.640	s -3.3547	k .02644	13.390	k .72220	k .46918

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.530	s .26917	k .91691	sF -2.6544	k 3.1747	s -.63976	k 3.7396
Stddev	.165	.13738	.29349	9.8968	.0112	2.1520	.0067
%RSD	.57740	51.040	32.009	372.85	.35274	336.38	.18022

#1	28.350	.36187	1.0834	3.2236	3.1865	.62799	3.7410
#2	28.672	.33431	1.0893	2.8939	3.1642	.57724	3.7323
#3	28.568	s .11133	k .57803	s -14.081	k 3.1734	s -3.1245	k 3.7456

Sample Name: J6200-01A Acquired: 12/21/2018 19:57:35 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7830 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.45685	sF -9.238	k .30191	.06650	11.289
Stddev	.00031	33.82	.20140	.19848	.790
%RSD	.06756	366.1	66.710	298.46	7.0011
#1	.45683	10.81	.18945	.26821	10.601
#2	.45654	9.760	.18184	.05989	11.114
#3	.45716	s -48.29	k .53442	-.12859	12.152
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	47651.	5034.3	95.371	^ *****
Stddev	-----	147.	22.9	1.792	-----
%RSD	-----	.30776	.45556	1.8789	-----
#1	3515.7	47580.	5055.8	96.631	3349.0
#2	3699.0	47554.	5010.2	93.320	3589.7
#3	^ -----	47820.	5036.8	96.163	^ -----

Sample Name: J6482-01 Acquired: 12/21/2018 20:01:35 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: R20-OS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.03976	.34953	.06107	.01739	216.31	.87176
Stddev	.00276	.00114	.00272	.00403	.00097	.79	.00540
%RSD	98.530	2.8550	.77703	6.5967	5.5797	.36365	.61976

#1	-.00037	-.03879	.35265	.05855	.01784	215.46	.87767
#2	.00468	-.03948	.34824	.05893	.01628	217.01	.87055
#3	.00408	-.04101	.34770	.06571	.01806	216.47	.86707

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	.15730	199.06	.37090	.32765	9.3237	700.45
Stddev	.00002	.00100	1.39	.00217	.00173	.0336	6.82
%RSD	.48269	.63465	.69613	.58522	.52827	.36091	.97341

#1	.00500	.15833	200.59	.37264	.32839	9.3557	696.11
#2	.00504	.15634	197.89	.37160	.32567	9.2886	696.93
#3	.00500	.15723	198.69	.36847	.32888	9.3267	708.31

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7881	117.81	.44931	.02370	18.394	.98400	17.584
Stddev	.0184	.82	.00115	.00137	.069	.00411	.140
%RSD	.38392	.69412	.25559	5.7916	.37459	.41802	.79837

#1	4.7700	118.67	.44978	.02223	18.473	.98397	17.514
#2	4.8068	117.04	.44800	.02390	18.343	.98812	17.493
#3	4.7875	117.72	.45015	.02495	18.367	.97990	17.746

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8524	.00339	.42499	F 13.177	3.0904	.10659	F 11.915
Stddev	.0622	.00028	.02078	.045	.0302	.00068	.086
%RSD	1.0631	8.2907	4.8885	.34114	.97752	.63685	.72507

#1	5.9125	.00344	.41829	13.203	3.1178	.10724	12.015
#2	5.8564	.00309	.40839	13.125	3.0954	.10663	11.863
#3	5.7883	.00365	.44828	13.203	3.0580	.10589	11.867

Sample Name: J6482-01 Acquired: 12/21/2018 20:01:35 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: R20-OS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17100	9.859	.00921	<.00000	F<.00000
Stddev	.00122	.043	.01124	.30582	1.2878
%RSD	.71560	.4359	121.99	6.8066	5.6293
#1	.16959	9.874	.02031	-4.7833	-21.749
#2	.17166	9.811	.00949	-4.1737	-24.280
#3	.17176	9.893	-.00216	-4.5220	-22.598
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3775.0	52097.	5796.5	92.369	3070.4
Stddev	12.5	174.	50.7	.613	12.0
%RSD	.33152	.33372	.87411	.66324	.39236
#1	3760.5	52085.	5738.7	92.722	3059.6
#2	3782.6	51929.	5818.0	92.723	3083.4
#3	3781.8	52276.	5832.9	91.661	3068.2

Sample Name: J6482-09 Acquired: 12/21/2018 20:05:40 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-91468-OS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01033	.03653	.01126	-.00080	158.67	.48515	.00090
Stddev	.00093	.00095	.00077	.00112	.00051	.66	.00428	.00010
%RSD	1303.6	9.1722	2.1105	9.9641	63.500	.41704	.88287	10.999

#1	.00094	-.00961	.03738	.01236	-.00138	158.68	.48478	.00092
#2	-.00026	-.01141	.03588	.01131	-.00047	158.00	.48960	.00079
#3	-.00089	-.00998	.03633	.01012	-.00054	159.33	.48106	.00099

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28511	93.650	.66358	.16134	1.0980	178.27	1.0879	124.88
Stddev	.00122	.512	.00159	.00089	.0050	1.44	.0046	.93
%RSD	.42813	.54710	.24021	.54996	.45988	.80659	.42130	.74384

#1	.28466	93.567	.66346	.16115	1.0937	179.92	1.0894	125.15
#2	.28649	94.198	.66206	.16230	1.1035	177.32	1.0828	125.64
#3	.28418	93.184	.66524	.16056	1.0967	177.56	1.0916	123.84

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37294	.00136	13.269	.36702	.89103	14.741	-.00025	.11079
Stddev	.00053	.00027	.098	.00245	.00758	.122	.00011	.00804
%RSD	.14313	20.151	.73761	.66830	.85085	.82458	44.994	7.2609

#1	.37321	.00158	13.253	.36430	.89875	14.722	-.00028	.11394
#2	.37329	.00105	13.373	.36905	.89076	14.871	-.00013	.10165
#3	.37232	.00143	13.179	.36773	.88359	14.630	-.00035	.11679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5370	1.0325	.00752	3.9044	.09172	7.671	3.4597	1.7768
Stddev	.0248	.0117	.00077	.0119	.00051	.035	.0233	.3259
%RSD	.97629	1.1350	10.184	.30480	.55406	.4545	.67290	18.340

#1	2.5150	1.0242	.00821	3.9146	.09114	7.655	3.4609	2.0573
#2	2.5638	1.0459	.00669	3.9072	.09198	7.711	3.4823	1.4193
#3	2.5322	1.0274	.00765	3.8913	.09205	7.647	3.4358	1.8536

Sample Name: J6482-09 Acquired: 12/21/2018 20:05:40 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-91468-OS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.552
Stddev	.428
%RSD	1.8182

#1	23.126
#2	23.983
#3	23.547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.0	45131.	4845.6	98.667	3347.8
Stddev	3.9	130.	50.7	.935	8.3
%RSD	.11784	.28858	1.0462	.94795	.24926

#1	3331.9	44993.	4831.3	97.637	3342.1
#2	3329.7	45252.	4803.5	98.899	3343.9
#3	3337.3	45149.	4901.9	99.464	3357.4

Sample Name: J6493-01 Acquired: 12/21/2018 20:09:40 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18851	-.19721	6.6928	.09702	.11978	175.85	1.4521
Stddev	.00370	.00578	.0970	.02356	.00219	1.80	.0169
%RSD	1.9631	2.9316	1.4491	24.286	1.8252	1.0218	1.1622

#1	.18679	-.19079	6.5955	.11957	.11734	174.20	1.4650
#2	.19276	-.20201	6.7895	.09892	.12156	177.76	1.4583
#3	.18598	-.19883	6.6933	.07256	.12044	175.60	1.4330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02831	.11437	122.43	.40786	.60799	3.5347	F 3306.1
Stddev	.00028	.01050	.78	.00494	.00567	.0583	85.1
%RSD	.99154	9.1780	.63849	1.2120	.93185	1.6509	2.5740

#1	.02798	.10327	122.56	.40241	.60397	3.4674	3377.0
#2	.02848	.11570	123.13	.41206	.61447	3.5647	3329.6
#3	.02845	.12413	121.59	.40911	.60553	3.5720	3211.8

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.479	78.131	1.6268	^ *****	9.5438	.56231	11.237
Stddev	.076	.797	.0129	-----	.0987	.00571	.304
%RSD	.61299	1.0206	.79329	-----	1.0340	1.0161	2.7045

#1	12.429	79.002	1.6158	^ -----	9.6310	.55942	11.495
#2	12.567	77.955	1.6410	^ -----	9.5637	.56889	11.315
#3	12.442	77.437	1.6235	^ -----	9.4367	.55862	10.902

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.817	.07824	.23381	9.8425	3.7883	.34618	4.8442
Stddev	.190	.00107	.13554	.0829	.0397	.00307	.0278
%RSD	.86920	1.3694	57.971	.84206	1.0482	.88735	.57432

#1	21.974	.07706	.36514	9.8013	3.8281	.34353	4.8480
#2	21.871	.07915	.24185	9.9379	3.7883	.34955	4.8699
#3	21.607	.07851	.09442	9.7884	3.7486	.34547	4.8146

Sample Name: J6493-01 Acquired: 12/21/2018 20:09:40 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24927	F 11.89	F -3.1265	<.00000	^ *****
Stddev	.00153	.09	.0893	.09255	-----
%RSD	.61428	.7578	2.8562	.50089	-----
#1	.24961	11.83	-3.2017	-18.448	^ -----
#2	.25061	12.00	-3.1498	-18.402	^ -----
#3	.24760	11.85	-3.0278	-18.580	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.9	45557.	5051.5	82.538	2383.7
Stddev	20.3	352.	57.3	2.236	23.3
%RSD	.62312	.77325	1.1342	2.7084	.97728
#1	3268.8	45774.	5001.0	80.598	2404.9
#2	3228.5	45150.	5039.6	82.032	2358.7
#3	3252.4	45747.	5113.8	84.983	2387.4

Sample Name: CCV08 Acquired: 12/21/2018 20:13:52 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14390 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1220	5.0637	5.0179	5.0995	5.1005	10.476	10.274	.25734
Stddev	.0158	.0062	.0159	.0154	.0211	.116	.037	.00040
%RSD	.30811	.12146	.31702	.30198	.41280	1.1076	.36449	.15452
#1	5.1363	5.0635	5.0339	5.1169	5.1248	10.569	10.293	.25780
#2	5.1245	5.0577	5.0176	5.0941	5.0875	10.513	10.230	.25717
#3	5.1051	5.0700	5.0021	5.0876	5.0893	10.346	10.297	.25706
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5050	26.663	1.0440	2.5048	1.2917	5.1045	2.5833	25.469
Stddev	.0049	.252	.0009	.0040	.0021	.1435	.0012	.044
%RSD	.19405	.94510	.08354	.15992	.16201	2.8110	.04768	.17434
#1	2.5106	26.954	1.0435	2.5091	1.2934	5.2351	2.5838	25.474
#2	2.5027	26.499	1.0450	2.5040	1.2923	5.1275	2.5819	25.422
#3	2.5018	26.537	1.0436	2.5012	1.2894	4.9509	2.5842	25.511
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5099	1.2958	24.745	2.5206	2.5188	24.766	5.0964	5.1914
Stddev	.0036	.0003	.102	.0040	.0277	.089	.0078	.0422
%RSD	.14356	.02313	.41193	.16026	1.0989	.35962	.15382	.81284
#1	2.5137	1.2959	24.763	2.5166	2.5412	24.777	5.1044	5.2362
#2	2.5095	1.2955	24.635	2.5247	2.5272	24.672	5.0963	5.1524
#3	2.5065	1.2961	24.836	2.5206	2.4879	24.849	5.0887	5.1857
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0002	5.0862	4.9955	5.1238	5.0728	5.091	5.2773	F 4.0451
Stddev	.0215	.0447	.0032	.0313	.0249	.011	.0274	.0706
%RSD	.42981	.87871	.06437	.61077	.49156	.2211	.51870	1.7458
#1	5.0145	5.0726	4.9980	5.1540	5.0791	5.103	5.2866	4.0848
#2	5.0107	5.0498	4.9967	5.1258	5.0453	5.091	5.2465	3.9636
#3	4.9755	5.1361	4.9919	5.0915	5.0940	5.080	5.2988	4.0870

Sample Name: CCV08 Acquired: 12/21/2018 20:13:52 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14390 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3219
Stddev	.2384
%RSD	10.269

#1	2.1846
#2	2.5972
#3	2.1839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.0	43693.	4474.8	97.889	3523.7
Stddev	9.5	83.	25.9	1.058	8.8
%RSD	.29024	.18906	.57982	1.0810	.24865

#1	3245.2	43603.	4462.6	96.978	3514.4
#2	3262.8	43709.	4504.6	97.639	3531.7
#3	3260.0	43766.	4457.2	99.050	3525.0

Sample Name: CCB08 Acquired: 12/21/2018 20:17:32 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14390 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	.00091	-.00049	.00119	-.00019	-.00449	.00041	-.00001
Stddev	.00122	.00051	.00138	.00172	.00042	.00157	.00069	.00006
%RSD	276.98	56.224	280.03	144.14	215.73	35.005	169.02	720.54
#1	.00007	.00047	-.00045	.00317	-.00068	-.00331	.00010	-.00008
#2	-.00183	.00147	-.00189	.00035	.00004	-.00389	-.00008	.00003
#3	.00044	.00080	.00086	.00006	.00005	-.00628	.00120	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00936	.00014	.00005	-.00043	.01465	.00008	.00959
Stddev	.00012	.00765	.00014	.00010	.00010	.00289	.00004	.02859
%RSD	121.41	81.729	105.47	188.46	23.420	19.745	52.371	297.95
#1	.00013	-.01655	.00016	.00011	-.00037	.01290	.00006	.01162
#2	.00021	-.01020	-.00002	-.00006	-.00038	.01799	.00005	.03712
#3	-.00003	-.00132	.00027	.00011	-.00055	.01307	.00013	-.01995
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	-.00017	-.03232	-.00014	.00112	-.00072	.00032	.00221
Stddev	.00025	.00012	.01631	.00039	.00027	.02027	.00013	.00609
%RSD	70.513	71.209	50.462	273.41	24.191	2795.6	41.297	276.19
#1	.00064	-.00012	-.02549	-.00059	.00142	-.01283	.00018	.00530
#2	.00020	-.00030	-.05094	.00010	.00107	.02267	.00033	.00613
#3	.00022	-.00008	-.02054	.00006	.00088	-.01201	.00044	-.00481
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	.00275	-.00075	.00344	-.00282	.0012	-.00000	F 2.1380
Stddev	.00157	.00256	.00010	.00045	.00075	.0007	.00004	.0217
%RSD	96.510	93.136	12.888	13.217	26.710	55.98	740.81	1.0155
#1	.00322	.00544	-.00086	.00342	-.00307	.0012	-.00003	2.1514
#2	.00008	.00033	-.00074	.00299	-.00342	.0018	-.00002	2.1129
#3	.00159	.00248	-.00067	.00390	-.00197	.0005	.00003	2.1495

Sample Name: CCB08 Acquired: 12/21/2018 20:17:32 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14390 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .38584
Stddev	.09817
%RSD	25.444

#1	.34915
#2	.31130
#3	.49708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3444.0	46412.	4580.7	102.95	4004.8
Stddev	15.0	261.	52.4	3.05	41.8
%RSD	.43583	.56186	1.1444	2.9626	1.0426

#1	3458.7	46166.	4521.4	99.470	4051.0
#2	3444.4	46685.	4620.6	104.21	3993.7
#3	3428.7	46384.	4600.2	105.16	3969.7

Sample Name: J6499-01 Acquired: 12/21/2018 20:21:42 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-11989 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03502	-.01866	1.3493	.02864	.01427	177.60	.54271	.00328
Stddev	.00221	.00047	.0032	.00699	.00125	.48	.00443	.00009
%RSD	6.3089	2.5232	.23607	24.408	8.7660	.26931	.81573	2.6550

#1	.03250	-.01829	1.3460	.03655	.01293	177.88	.54768	.00336
#2	.03665	-.01851	1.3495	.02328	.01541	177.86	.54123	.00319
#3	.03591	-.01919	1.3523	.02610	.01447	177.05	.53921	.00330

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00635	376.88	.14696	.18741	.76047	373.67	2.5055	108.84
Stddev	.00045	1.96	.00103	.00040	.00365	3.78	.0037	.71
%RSD	7.0640	.52119	.69812	.21432	.47976	1.0120	.14924	.65568

#1	-.00674	378.87	.14578	.18736	.75635	377.10	2.5074	109.66
#2	-.00586	376.82	.14746	.18704	.76178	369.62	2.5079	108.49
#3	-.00646	374.94	.14764	.18784	.76328	374.30	2.5012	108.36

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19620	.05191	17.681	.79843	1.4804	11.018	.01409	.36877
Stddev	.00141	.00071	.123	.00236	.0150	.099	.00024	.00681
%RSD	.71937	1.3670	.69357	.29529	1.0106	.89466	1.7159	1.8459

#1	.19467	.05212	17.813	.79873	1.4920	11.128	.01388	.36181
#2	.19648	.05111	17.660	.79594	1.4635	10.985	.01436	.37542
#3	.19745	.05248	17.571	.80063	1.4858	10.939	.01405	.36908

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3390	5.6430	.18677	5.2305	.11229	8.556	.51998	.17066
Stddev	.0068	.0450	.00119	.0137	.00028	.003	.00493	.16989
%RSD	.09326	.79730	.63850	.26160	.25266	.0396	.94741	99.550

#1	7.3453	5.6921	.18544	5.2281	.11261	8.557	.52165	.20890
#2	7.3399	5.6038	.18776	5.2181	.11218	8.559	.52386	.31817
#3	7.3317	5.6330	.18710	5.2452	.11207	8.553	.51444	-.01509

Sample Name: J6499-01 Acquired: 12/21/2018 20:21:42 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-11989 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.167
Stddev	.208
%RSD	.98115

#1	21.406
#2	21.039
#3	21.055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.3	47222.	5118.7	93.204	3118.8
Stddev	3.9	94.	27.9	.963	6.7
%RSD	.11237	.19815	.54432	1.0336	.21402

#1	3493.5	47134.	5087.1	92.380	3117.9
#2	3492.5	47211.	5129.4	94.263	3112.6
#3	3499.8	47320.	5139.7	92.969	3125.9

Sample Name: J6500-02 Acquired: 12/21/2018 20:25:41 Type: Unk
Method: P4-ICP2(v2678) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11781	-.01607	.28514	.04053	.01154	245.84	2.2018
Stddev	.00639	.00270	.00737	.00769	.00231	1.01	.0213
%RSD	5.4251	16.828	2.5856	18.979	20.029	.41273	.96845

#1	.11264	-.01628	.28010	.04606	.00958	245.52	2.2246
#2	.11583	-.01326	.28173	.04379	.01094	246.98	2.1823
#3	.12495	-.01866	.29361	.03174	.01409	245.03	2.1987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01336	-.00954	320.30	.31494	.29532	.34877	584.90
Stddev	.00006	.00255	2.19	.00212	.00443	.01479	15.30
%RSD	.46427	26.763	.68495	.67287	1.4997	4.2398	2.6155

#1	.01330	-.01184	322.46	.31722	.29211	.33904	599.88
#2	.01342	-.00999	318.07	.31304	.29348	.34148	585.51
#3	.01335	-.00679	320.37	.31456	.30037	.36578	569.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4038	122.94	.72921	.00470	1.8115	.35252	1.4943
Stddev	.0243	.96	.01055	.00155	.0216	.00330	.0370
%RSD	.44976	.77789	1.4467	32.935	1.1903	.93478	2.4756

#1	5.3993	123.83	.72338	.00557	1.8294	.35632	1.5304
#2	5.4300	121.93	.72285	.00563	1.7876	.35084	1.4961
#3	5.3820	123.06	.74138	.00291	1.8175	.35040	1.4565

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.093	.03751	.14838	3.8481	4.2314	.06086	.55248
Stddev	.249	.00109	.03451	.0440	.0381	.00147	.00352
%RSD	.85682	2.9126	23.258	1.1439	.89945	2.4072	.63628

#1	29.325	.03668	.17536	3.8231	4.2473	.06073	.55374
#2	28.829	.03710	.16029	3.8223	4.1880	.05947	.54850
#3	29.124	.03875	.10949	3.8989	4.2589	.06239	.55519

Sample Name: J6500-02 Acquired: 12/21/2018 20:25:41 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-CUTTING Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.56097	5.960	-.05499	<.00000	F<.00000
Stddev	.00224	.084	.01496	.34367	.44020
%RSD	.40010	1.410	27.210	17.154	26.802

#1	.55949	5.908	-.06667	-2.1055	-1.5876
#2	.55987	5.914	-.06017	-1.6202	-1.2322
#3	.56355	6.056	-.03812	-2.2844	-2.1075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.7	48001.	5284.3	91.908	3041.1
Stddev	58.6	284.	43.5	2.609	42.4
%RSD	1.6564	.59185	.82371	2.8381	1.3931

#1	3579.0	47969.	5236.0	89.443	3076.1
#2	3561.3	47735.	5320.5	91.640	3053.3
#3	3469.8	48300.	5296.3	94.640	2994.0

Sample Name: J6501-01 Acquired: 12/21/2018 20:29:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04096	-.01197	1.6115	.02168	.00889	160.42	1.3695	.00843
Stddev	.00153	.00162	.0016	.00269	.00297	.39	.0047	.00013
%RSD	3.7473	13.536	.10045	12.390	33.410	.24224	.34140	1.5813

#1	.04030	-.01169	1.6124	.01981	.00747	159.98	1.3645	.00839
#2	.03986	-.01371	1.6096	.02476	.01230	160.54	1.3704	.00858
#3	.04271	-.01051	1.6124	.02047	.00689	160.73	1.3737	.00833

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	33.196	.39503	.13592	4.1245	328.64	6.4383	54.402
Stddev	.00042	.051	.00229	.00034	.0036	3.12	.0192	.193
%RSD	13.660	.15249	.57884	.25097	.08771	.94963	.29855	.35428

#1	-.00261	33.181	.39295	.13562	4.1203	325.28	6.4165	54.183
#2	-.00316	33.253	.39748	.13584	4.1271	329.18	6.4529	54.480
#3	-.00343	33.155	.39467	.13629	4.1259	331.45	6.4456	54.544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32995	.00627	7.4634	.37793	2.7283	13.759	.00964	.07901
Stddev	.00184	.00068	.0252	.00429	.0227	.023	.00025	.01200
%RSD	.55759	10.808	.33715	1.1343	.83058	.16828	2.5519	15.182

#1	.32783	.00561	7.4370	.37359	2.7024	13.736	.00977	.07285
#2	.33088	.00624	7.4661	.38216	2.7444	13.757	.00935	.07134
#3	.33114	.00696	7.4871	.37802	2.7383	13.783	.00979	.09283

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1880	3.1866	.06115	2.4293	.23707	7.457	-.14392	<.00000
Stddev	.0081	.0168	.00061	.0011	.00149	.020	.00352	.14434
%RSD	.36986	.52563	.99592	.04668	.62703	.2724	2.4493	11.328

#1	2.1799	3.2039	.06159	2.4279	.23879	7.441	-.14034	-1.1280
#2	2.1879	3.1853	.06045	2.4298	.23628	7.480	-.14403	-1.4166
#3	2.1961	3.1705	.06140	2.4300	.23615	7.450	-.14738	-1.2779

Sample Name: J6501-01 Acquired: 12/21/2018 20:29:48 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-221 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.327
Stddev	1.236
%RSD	6.3964

#1	18.058
#2	19.394
#3	20.528

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.6	49815.	5287.4	98.495	3427.1
Stddev	6.4	95.	13.9	.581	12.3
%RSD	.17363	.19086	.26218	.58982	.35835

#1	3676.2	49861.	5296.3	99.156	3418.0
#2	3686.4	49705.	5271.4	98.064	3422.2
#3	3688.0	49878.	5294.4	98.265	3441.1

Sample Name: J6518-01 Acquired: 12/21/2018 20:33:55 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 337-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	.05325	-.01332	2.8297	.01592	.01269	64.202	1.0221	.00493
Stddev	.00260	.00042	.0023	.00146	.00196	3.165	.0020	.00035
%RSD	4.8738	3.1593	.08233	9.1502	15.411	4.9305	.19794	7.0542

#1	.05497	-.01344	2.8308	.01753	.01059	67.843	1.0199	.00532
#2	.05027	-.01367	2.8271	.01469	.01445	62.660	1.0227	.00477
#3	.05453	-.01285	2.8314	.01553	.01303	62.103	1.0238	.00469

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	94.205	.16922	.08286	.44062	244.43	4.1938	38.808
Stddev	.00009	.452	.01149	.00024	.00468	1.45	.2469	.213
%RSD	4.2236	.47967	6.7920	.29471	1.0622	.59258	5.8872	.54867

#1	.00211	93.725	.18245	.08266	.43574	246.04	4.4784	38.680
#2	.00213	94.267	.16177	.08279	.44507	244.03	4.0645	38.691
#3	.00228	94.622	.16342	.08314	.44106	243.23	4.0384	39.054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17221	.00619	2.8063	.38829	2.1430	5.5523	.00533	.03615
Stddev	.00054	.00196	.0047	.02821	.0140	.0111	.00024	.00331
%RSD	.31534	31.670	.16662	7.2661	.65206	.20026	4.5870	9.1679

#1	.17269	.00393	2.8010	.42086	2.1592	5.5428	.00506	.03432
#2	.17233	.00734	2.8098	.37123	2.1355	5.5497	.00538	.03997
#3	.17162	.00730	2.8081	.37279	2.1345	5.5645	.00554	.03415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1608	1.9207	.09307	5.3283	.07178	6.736	.19188	.40462
Stddev	.0047	.0663	.00043	.0484	.00156	.007	.00358	.82322
%RSD	.21879	3.4497	.46682	.90815	2.1736	.1010	1.8678	203.46

#1	2.1583	1.9918	.09284	5.3821	.06998	6.730	.18785	1.3495
#2	2.1663	1.8607	.09280	5.2882	.07270	6.736	.19309	.02242
#3	2.1579	1.9096	.09357	5.3147	.07267	6.743	.19471	-.15803

Sample Name: J6518-01 Acquired: 12/21/2018 20:33:55 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 337-SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 25.431
 Stddev .223
 %RSD .87766

#1 25.191
 #2 25.632
 #3 25.471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.6	48011.	5149.7	100.07	3486.8
Stddev	18.3	2394.	4.1	.62	14.4
%RSD	.50015	4.9871	.07979	.61522	.41394

#1	3678.5	45254.	5153.2	99.406	3478.5
#2	3644.7	49203.	5150.8	100.19	3503.4
#3	3649.6	49575.	5145.2	100.62	3478.4

Sample Name: J6520-01 Acquired: 12/21/2018 20:37:45 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLLOFF-165 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23063	-.01162	2.6274	.03360	.02004	83.139	1.1181	.01118
Stddev	.00214	.00189	.0105	.00524	.00083	.248	.0070	.00022
%RSD	.92755	16.274	.39844	15.611	4.1604	.29866	.62714	1.9494

#1	.22920	-.00951	2.6364	.02853	.01919	83.362	1.1193	.01141
#2	.23309	-.01315	2.6159	.03326	.02008	82.871	1.1106	.01098
#3	.22961	-.01221	2.6298	.03900	.02085	83.183	1.1244	.01115

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	62.031	.36230	.14164	1.5400	397.89	2.6442	27.899
Stddev	.00094	.236	.00234	.00053	.0053	7.87	.0048	.182
%RSD	15.261	.37988	.64601	.37148	.34737	1.9782	.18072	.65064

#1	-.00555	62.140	.36359	.14223	1.5441	394.85	2.6495	27.968
#2	-.00575	61.761	.36370	.14123	1.5419	391.99	2.6428	27.693
#3	-.00728	62.192	.35959	.14145	1.5339	406.83	2.6402	28.035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54201	.00609	3.1787	.38450	4.1397	8.1844	.01761	.10708
Stddev	.00235	.00146	.0343	.00211	.0769	.0743	.00049	.00221
%RSD	.43284	24.039	1.0785	.54888	1.8565	.90764	2.7833	2.0615

#1	.54418	.00582	3.1821	.38564	4.1003	8.2260	.01816	.10673
#2	.53952	.00478	3.1429	.38579	4.0906	8.0986	.01745	.10507
#3	.54231	.00767	3.2112	.38206	4.2283	8.2285	.01722	.10944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6249	1.8822	.24340	2.4939	.09510	6.878	-.11767	<.00000
Stddev	.0227	.0239	.00054	.0145	.00101	.016	.00728	.25737
%RSD	.34214	1.2686	.22028	.57982	1.0626	.2303	6.1880	25.171

#1	6.6308	1.9051	.24342	2.4889	.09440	6.888	-.11366	-.72537
#2	6.5999	1.8840	.24286	2.4827	.09464	6.860	-.11327	-1.1661
#3	6.6440	1.8575	.24393	2.5103	.09626	6.886	-.12607	-1.1760

Sample Name: J6520-01 Acquired: 12/21/2018 20:37:45 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ROLLOFF-165 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.166
Stddev	1.855
%RSD	10.214

#1	20.291
#2	17.346
#3	16.863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.7	49269.	5188.0	99.126	3471.3
Stddev	11.5	250.	19.0	1.643	13.6
%RSD	.31840	.50808	.36643	1.6576	.39147

#1	3604.6	49001.	5174.0	99.848	3458.7
#2	3617.8	49311.	5209.7	100.28	3485.7
#3	3627.6	49496.	5180.4	97.245	3469.5

Sample Name: J6496-02 Acquired: 12/21/2018 20:41:33 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7830 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	-.00162	.00864	-.00242	.00130	.01743	.05332	-.00008
Stddev	.00298	.00107	.00089	.00213	.00022	.00638	.00030	.00002
%RSD	82.227	65.936	10.302	87.786	16.515	36.605	.55600	24.391

#1	-.00133	-.00092	.00966	-.00004	.00145	.01108	.05365	-.00010
#2	-.00255	-.00285	.00798	-.00309	.00106	.01736	.05309	-.00009
#3	-.00699	-.00108	.00830	-.00414	.00141	.02384	.05321	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01643	5.7706	.00049	.00104	.01562	4.8004	.14105	1.0848
Stddev	.00002	.0217	.00002	.00025	.00028	.0378	.00106	.0262
%RSD	.10410	.37659	4.6538	24.087	1.7939	.78737	.75498	2.4200

#1	.01642	5.7864	.00052	.00079	.01579	4.7646	.13994	1.0993
#2	.01644	5.7458	.00047	.00129	.01577	4.8399	.14207	1.0545
#3	.01645	5.7796	.00049	.00103	.01530	4.7966	.14113	1.1005

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00840	.00016	3.0329	.00018	.43978	.31559	.00048	.03652
Stddev	.00040	.00026	.0058	.00019	.00492	.01924	.00016	.00123
%RSD	4.8218	160.78	.19168	103.84	1.1187	6.0955	32.828	3.3575

#1	.00839	.00008	3.0393	.00039	.43585	.31585	.00031	.03542
#2	.00800	.00045	3.0314	.00007	.44530	.33470	.00049	.03631
#3	.00881	-.00005	3.0279	.00007	.43818	.29623	.00062	.03784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0046	.08323	-.00204	.00296	-.00413	.0055	.00770	1.8663
Stddev	.0100	.00430	.00046	.00084	.00083	.0012	.00007	.3166
%RSD	.49650	5.1624	22.831	28.279	20.125	21.21	.95288	16.963

#1	1.9966	.08743	-.00241	.00384	-.00361	.0044	.00778	2.1212
#2	2.0158	.08340	-.00152	.00217	-.00369	.0054	.00767	1.5119
#3	2.0014	.07884	-.00218	.00287	-.00509	.0067	.00764	1.9657

Sample Name: J6496-02 Acquired: 12/21/2018 20:41:33 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7830 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0595
Stddev .3643
%RSD 34.379

#1 .88024
#2 1.4787
#3 .81967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.1	46384.	4551.1	99.854	3943.8
Stddev	28.3	151.	25.8	.967	11.3
%RSD	.83322	.32540	.56658	.96853	.28709

#1	3388.9	46241.	4529.2	100.25	3942.5
#2	3379.2	46542.	4544.5	98.752	3933.2
#3	3432.4	46371.	4579.5	100.56	3955.7

Sample Name: J6500-01 Acquired: 12/21/2018 20:45:41 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14394 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	-.00128	-.00023	.00064	-.00156	-.00340	.02418	-.00010
Stddev	.00190	.00060	.00063	.00144	.00048	.00867	.00067	.00006
%RSD	70.206	47.059	277.56	223.80	30.861	255.22	2.7798	56.208

#1	-.00148	-.00178	.00043	.00168	-.00185	-.01127	.02427	-.00016
#2	-.00175	-.00061	-.00028	.00125	-.00182	.00589	.02481	-.00004
#3	-.00491	-.00146	-.00083	-.00100	-.00100	-.00481	.02347	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	31.235	.00034	-.00008	-.00007	.00521	.22011	5.1316
Stddev	.00003	.126	.00040	.00008	.00010	.00510	.00016	.0184
%RSD	21.399	.40248	116.27	100.15	137.95	98.006	.07470	.35782

#1	-.00018	31.285	.00043	-.00017	-.00004	.00747	.22005	5.1231
#2	-.00018	31.329	-.00009	-.00003	-.00019	-.00064	.22029	5.1527
#3	-.00012	31.093	.00068	-.00004	.00001	.00879	.21998	5.1191

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00026	11.318	-.00011	.00666	1.2022	.00142	.04249
Stddev	.00011	.00040	.097	.00037	.00009	.0207	.00020	.00546
%RSD	36.133	155.19	.85773	333.50	1.3914	1.7178	14.025	12.838

#1	.00025	-.00020	11.415	.00006	.00677	1.2174	.00157	.03661
#2	.00022	.00050	11.221	.00014	.00659	1.1787	.00149	.04350
#3	.00042	.00048	11.316	-.00054	.00662	1.2105	.00119	.04738

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6611	1.5909	-.00035	.00110	.00021	.0022	.10312	2.3314
Stddev	.0068	.0150	.00031	.00068	.00068	.0002	.00050	.2045
%RSD	.18654	.94465	86.598	61.230	321.26	8.567	.48071	8.7716

#1	3.6618	1.6081	-.00071	.00042	-.00044	.0022	.10324	2.2449
#2	3.6676	1.5804	-.00016	.00177	.00091	.0020	.10354	2.1844
#3	3.6540	1.5842	-.00020	.00112	.00016	.0024	.10257	2.5650

Sample Name: J6500-01 Acquired: 12/21/2018 20:45:41 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14394 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .32140
 %RSD 907.22

#1 -.21445
 #2 .33562
 #3 -.22745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.6	45782.	4527.7	101.95	3858.6
Stddev	18.1	25.	29.1	2.01	18.4
%RSD	.54022	.05431	.64343	1.9672	.47610

#1	3335.4	45755.	4494.3	100.04	3840.2
#2	3353.8	45803.	4541.1	104.04	3858.6
#3	3371.6	45789.	4547.7	101.78	3877.0

Sample Name: J6503-02 Acquired: 12/21/2018 20:49:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7828 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00774	-.00130	.00081	.00101	-.02764	2.5646	.01838	-.00015
Stddev	.00121	.00049	.00038	.00298	.00051	.0138	.00005	.00003
%RSD	15.587	37.772	46.788	295.14	1.8380	.53682	.25315	21.735
#1	-.00876	-.00187	.00057	-.00034	-.02810	2.5585	.01841	-.00013
#2	-.00805	-.00094	.00061	.00442	-.02774	2.5804	.01833	-.00015
#3	-.00641	-.00111	.00124	-.00105	-.02709	2.5550	.01841	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	7.5921	F 4.6861	-.00038	-.00043	.06251	.00089	1.0370
Stddev	.00005	.0474	.0119	.00020	.00015	.00692	.00002	.0198
%RSD	121.13	.62422	.25399	51.626	34.866	11.067	2.7675	1.9055
#1	-.00009	7.5543	4.6995	-.00016	-.00039	.06600	.00086	1.0415
#2	-.00004	7.5768	4.6818	-.00055	-.00059	.05454	.00091	1.0541
#3	.00001	7.6453	4.6769	-.00042	-.00030	.06699	.00090	1.0154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00020	68.093	.00686	.00856	1.8850	.00153	.04301
Stddev	.00029	.00035	.420	.00013	.00028	.0183	.00006	.00283
%RSD	96.178	170.60	.61620	1.8556	3.2603	.97313	3.6042	6.5845
#1	.00007	.00004	68.214	.00687	.00829	1.8829	.00147	.04083
#2	.00021	-.00005	67.626	.00699	.00885	1.8678	.00158	.04621
#3	.00064	-.00060	68.439	.00673	.00855	1.9043	.00154	.04200
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8094	.05304	-.00169	.00027	-.00371	.0050	.01825	2.7644
Stddev	.0063	.00125	.00008	.00107	.00089	.0009	.00005	.0112
%RSD	.34754	2.3581	4.5232	390.95	23.980	17.91	.29312	.40651
#1	1.8165	.05180	-.00162	.00124	-.00305	.0060	.01820	2.7619
#2	1.8046	.05303	-.00168	-.00088	-.00473	.0042	.01824	2.7766
#3	1.8071	.05430	-.00177	.00047	-.00337	.0048	.01830	2.7546

Sample Name: J6503-02 Acquired: 12/21/2018 20:49:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7828 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.22994
%RSD	103.37

#1	-.25673
#2	-.43331
#3	.02272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3331.2	44988.	4500.6	100.73	3786.5
Stddev	17.5	113.	26.6	.98	15.8
%RSD	.52491	.25043	.59006	.97294	.41725

#1	3312.4	44863.	4479.3	101.87	3768.5
#2	3346.9	45019.	4530.3	100.17	3798.1
#3	3334.4	45082.	4492.1	100.16	3792.9

Sample Name: J6516-02 Acquired: 12/21/2018 20:53:53 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14391 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00398	-.00135	.00017	.00633	-.00080	-.00792	.01690	-.00010
Stddev	.00059	.00065	.00048	.00237	.00061	.00892	.00052	.00007
%RSD	14.906	48.233	291.55	37.367	75.499	112.65	3.0899	64.004
#1	-.00360	-.00196	.00072	.00893	-.00075	-.01140	.01673	-.00018
#2	-.00367	-.00143	-.00013	.00578	-.00022	.00222	.01648	-.00005
#3	-.00466	-.00066	-.00010	.00430	-.00143	-.01457	.01748	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	37.030	.00120	.00043	.00767	.00527	.06528	4.7988
Stddev	.00006	.051	.00024	.00017	.00025	.00676	.00009	.0716
%RSD	33.654	.13713	19.765	38.634	3.1957	128.35	.13783	1.4917
#1	-.00011	36.973	.00102	.00054	.00776	-.00033	.06528	4.7843
#2	-.00017	37.045	.00147	.00024	.00739	.00336	.06520	4.7356
#3	-.00023	37.072	.00111	.00052	.00786	.01278	.06538	4.8765
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00018	26.089	.00048	.01113	3.6401	.00368	.05278
Stddev	.00020	.00042	.333	.00013	.00032	.0274	.00018	.00611
%RSD	11.615	230.12	1.2754	25.926	2.8912	.75423	4.9244	11.583
#1	.00150	-.00062	26.315	.00053	.01120	3.6690	.00381	.05957
#2	.00187	.00020	25.707	.00057	.01078	3.6143	.00347	.05104
#3	.00180	-.00012	26.245	.00034	.01141	3.6370	.00376	.04772
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.382	.95900	-.00922	.00066	-.00239	.0084	.19965	2.3187
Stddev	.096	.01176	.00025	.00128	.00048	.0006	.00008	.0773
%RSD	.41126	1.2263	2.6643	194.06	19.932	7.641	.03997	3.3343
#1	23.307	.96866	-.00950	.00197	-.00286	.0086	.19957	2.3059
#2	23.347	.94591	-.00909	.00060	-.00238	.0076	.19966	2.2486
#3	23.490	.96244	-.00906	-.00059	-.00191	.0089	.19973	2.4017

Sample Name: J6516-02 Acquired: 12/21/2018 20:53:53 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14391 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.38473
%RSD	119.71

#1	-.24656
#2	-.73803
#3	.02044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.3	45722.	4561.4	102.82	3847.7
Stddev	7.2	51.	47.7	2.36	11.3
%RSD	.21572	.11051	1.0464	2.2931	.29266

#1	3364.0	45665.	4525.4	102.43	3858.1
#2	3358.4	45762.	4615.5	105.35	3849.2
#3	3349.6	45738.	4543.3	100.69	3835.7

Sample Name: J6516-02DUP Acquired: 12/21/2018 20:57:58 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14391 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00042	-.00051	.00365	-.00103	.00074	.01699	-.00008
Stddev	.00119	.00103	.00075	.00221	.00076	.00420	.00030	.00002
%RSD	40.590	244.64	147.79	60.501	73.644	564.29	1.7947	26.438
#1	-.00383	-.00160	-.00127	.00182	-.00108	-.00308	.01728	-.00007
#2	-.00158	.00006	.00023	.00610	-.00025	.00008	.01700	-.00010
#3	-.00338	.00028	-.00048	.00302	-.00177	.00523	.01667	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	37.093	.00138	.00056	.00745	.00849	.06526	4.7463
Stddev	.00012	.256	.00036	.00013	.00022	.00636	.00019	.0245
%RSD	162.24	.69149	26.090	23.333	2.8889	74.939	.28604	.51645
#1	-.00011	37.027	.00180	.00068	.00725	.00269	.06509	4.7745
#2	.00006	37.376	.00115	.00059	.00742	.00750	.06546	4.7341
#3	-.00018	36.877	.00120	.00042	.00768	.01530	.06525	4.7302
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	.00013	25.807	.00065	.01070	3.6381	.00345	.04400
Stddev	.00025	.00015	.107	.00024	.00017	.0269	.00017	.00921
%RSD	17.893	120.63	.41564	37.889	1.5472	.73896	4.9158	20.930
#1	.00163	-.00004	25.838	.00059	.01083	3.6152	.00354	.04716
#2	.00138	.00026	25.896	.00091	.01052	3.6677	.00326	.03362
#3	.00114	.00015	25.688	.00043	.01077	3.6313	.00356	.05121
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.280	.95355	-.00922	.00090	-.00331	.0094	.19901	2.2990
Stddev	.060	.00919	.00057	.00346	.00055	.0010	.00197	.0613
%RSD	.25794	.96383	6.1958	386.53	16.719	11.17	.99233	2.6662
#1	23.235	.95207	-.00864	-.00118	-.00283	.0087	.20002	2.3681
#2	23.348	.96339	-.00978	.00489	-.00391	.0106	.20028	2.2511
#3	23.258	.94519	-.00925	-.00102	-.00318	.0088	.19674	2.2778

Sample Name: J6516-02DUP Acquired: 12/21/2018 20:57:58 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14391 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.14892
%RSD	36.392

#1	-.56854
#2	-.38560
#3	-.27352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.9	45725.	4564.2	103.74	3840.9
Stddev	20.0	7.	27.0	1.43	5.3
%RSD	.59494	.01619	.59117	1.3793	.13777

#1	3340.8	45717.	4538.4	102.18	3838.8
#2	3380.4	45727.	4562.1	104.99	3837.1
#3	3355.5	45731.	4592.2	104.06	3847.0

Sample Name: CCV09 Acquired: 12/21/2018 21:02:03 Type: Unk
Method: P4-ICP2(v2678) 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	5.0906	5.0753	5.0222	5.0682	5.0767	10.206	10.224	.25648
Stddev	.0318	.0433	.0351	.0252	.0321	.050	.125	.00050
%RSD	.62482	.85307	.69885	.49649	.63205	.48567	1.2204	.19682
#1	5.1143	5.1174	5.0493	5.0965	5.1099	10.262	10.318	.25671
#2	5.1030	5.0777	5.0348	5.0596	5.0744	10.191	10.083	.25682
#3	5.0544	5.0309	4.9826	5.0484	5.0458	10.167	10.271	.25590
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5055	26.397	1.0420	2.5017	1.2815	5.0586	2.5820	25.751
Stddev	.0184	.308	.0035	.0194	.0079	.0619	.0028	.080
%RSD	.73559	1.1650	.33870	.77624	.61675	1.2240	.10675	.30956
#1	2.5218	26.652	1.0453	2.5185	1.2886	5.1086	2.5842	25.674
#2	2.5092	26.055	1.0422	2.5062	1.2829	5.0780	2.5828	25.833
#3	2.4855	26.485	1.0383	2.4804	1.2730	4.9894	2.5789	25.747
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5073	1.2916	24.825	2.5277	2.5479	24.837	5.1042	5.1527
Stddev	.0186	.0036	.322	.0016	.0278	.301	.0299	.0008
%RSD	.74235	.27526	1.2958	.06169	1.0912	1.2119	.58562	.01471
#1	2.5229	1.2948	25.065	2.5281	2.5799	25.057	5.1331	5.1527
#2	2.5122	1.2922	24.460	2.5290	2.5296	24.494	5.1061	5.1535
#3	2.4867	1.2878	24.951	2.5260	2.5341	24.959	5.0734	5.1520
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9927	5.1199	5.0334	5.1119	5.0531	5.080	5.2421	F 3.5001
Stddev	.0409	.0705	.0346	.0158	.0561	.043	.0595	.1152
%RSD	.81906	1.3765	.68767	.30814	1.1094	.8512	1.1356	3.2918
#1	5.0328	5.1600	5.0672	5.1089	5.0955	5.125	5.2846	3.6139
#2	4.9943	5.0385	5.0350	5.1290	4.9896	5.075	5.1741	3.5028
#3	4.9511	5.1611	4.9980	5.0979	5.0744	5.039	5.2677	3.3835

Sample Name: CCV09 Acquired: 12/21/2018 21:02:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2022
Stddev .7342
%RSD 33.339

#1 2.8637
#2 1.4123
#3 2.3306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.9	44442.	4491.8	98.266	3569.4
Stddev	24.0	108.	57.1	1.155	30.4
%RSD	.72343	.24197	1.2718	1.1753	.85287

#1	3291.1	44335.	4456.5	96.933	3541.3
#2	3314.6	44440.	4557.7	98.960	3565.3
#3	3339.1	44550.	4461.3	98.906	3601.7

Sample Name: CCB09 Acquired: 12/21/2018 21:05:43 Type: Unk
Method: P4-ICP2(v2678) 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	-.00305	.00074	-.00027	-.00165	-.00058	.00184	.00035	-.00005
Stddev	.00087	.00027	.00041	.00212	.00045	.00716	.00069	.00002
%RSD	28.620	36.407	150.66	128.26	78.208	389.67	200.35	48.614
#1	-.00249	.00051	.00016	-.00255	-.00015	-.00550	-.00044	-.00002
#2	-.00262	.00103	-.00067	.00077	-.00105	.00222	.00087	-.00006
#3	-.00406	.00066	-.00031	-.00317	-.00054	.00879	.00061	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01066	-.00005	.00003	-.00048	.01793	.00003	.01751
Stddev	.00003	.01282	.00040	.00010	.00042	.00791	.00003	.03981
%RSD	188.55	120.35	828.66	298.42	88.965	44.123	124.52	227.31
#1	.00006	-.02415	.00008	-.00004	-.00092	.01018	.00003	.03319
#2	.00001	-.00919	.00027	-.00001	-.00043	.01763	-.00001	-.02775
#3	-.00001	.00137	-.00050	.00015	-.00008	.02599	.00006	.04709
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00034	-.05625	.00009	.00008	-.00151	.00025	-.00411
Stddev	.00011	.00011	.01186	.00020	.00011	.02618	.00005	.00220
%RSD	1878.0	33.230	21.084	210.75	136.82	1731.5	18.608	53.549
#1	.00008	.00047	-.06955	-.00013	.00003	-.01920	.00027	-.00162
#2	-.00013	.00027	-.05243	.00023	.00020	.02856	.00028	-.00578
#3	.00004	.00028	-.04678	.00018	.00000	-.01390	.00019	-.00495
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00137	-.00071	.00110	-.00263	.0006	-.00004	F 1.5482
Stddev	.00116	.00279	.00010	.00147	.00027	.0008	.00010	.3311
%RSD	77.773	204.31	14.033	133.51	10.412	145.1	247.18	21.384
#1	-.00282	-.00103	-.00059	-.00006	-.00259	.0008	.00004	1.8778
#2	-.00065	.00444	-.00077	.00276	-.00292	.0013	-.00000	1.5511
#3	-.00101	.00070	-.00076	.00061	-.00238	-.0003	-.00015	1.2157

Sample Name: CCB09 Acquired: 12/21/2018 21:05:43 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .05966
Stddev	.24206
%RSD	405.77

#1	-.09611
#2	.33853
#3	-.06345

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.7	46928.	4577.1	103.51	4016.1
Stddev	16.5	203.	90.0	3.44	14.3
%RSD	.47502	.43314	1.9668	3.3261	.35547

#1	3482.8	46705.	4676.6	107.11	4030.7
#2	3464.5	46973.	4501.3	100.25	4015.5
#3	3449.9	47104.	4553.2	103.18	4002.1

Sample Name: J6516-02LX5 Acquired: 12/21/2018 21:09:52 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A0C22-02D1-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00020	.00035	.00199	-.00147	.00342	.00344	.00000
Stddev	.00186	.00013	.00082	.00142	.00131	.01210	.00071	.00007
%RSD	89.034	65.240	232.31	71.464	89.263	353.60	20.666	30214.

#1	-.00180	-.00027	.00011	.00352	-.00261	.01718	.00424	.00006
#2	-.00409	-.00005	-.00032	.00071	-.00004	-.00136	.00289	.00002
#3	-.00039	-.00028	.00127	.00173	-.00176	-.00555	.00317	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	7.4511	.00019	.00013	.00093	.00582	.01350	.96492
Stddev	.00003	.0596	.00025	.00018	.00013	.00924	.00003	.02778
%RSD	70.568	.79949	136.17	135.05	13.415	158.74	.24273	2.8785

#1	-.00002	7.4977	.00021	-.00006	.00098	.00900	.01354	.98892
#2	-.00004	7.4715	-.00008	.00017	.00079	.01306	.01347	.97135
#3	-.00008	7.3840	.00043	.00028	.00102	-.00459	.01350	.93449

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	-.00015	5.3280	-.00024	.00235	.71162	.00072	.01687
Stddev	.00030	.00022	.0188	.00034	.00010	.02976	.00027	.00423
%RSD	48.609	149.79	.35327	144.31	4.4339	4.1817	36.944	25.068

#1	.00093	-.00008	5.3312	-.00024	.00238	.72215	.00054	.01887
#2	.00055	.00003	5.3451	-.00058	.00224	.73469	.00103	.01973
#3	.00035	-.00039	5.3078	.00011	.00244	.67804	.00060	.01201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8361	.19713	-.00260	.00192	-.00187	.0028	.04021	1.4358
Stddev	.0199	.00211	.00025	.00253	.00030	.0016	.00028	.2380
%RSD	.41246	1.0699	9.6117	131.90	16.276	55.64	.68809	16.576

#1	4.8159	.19471	-.00257	-.00088	-.00177	.0040	.04043	1.4778
#2	4.8367	.19849	-.00286	.00258	-.00221	.0035	.04029	1.6501
#3	4.8557	.19820	-.00236	.00405	-.00163	.0010	.03990	1.1796

Sample Name: J6516-02LX5 Acquired: 12/21/2018 21:09:52 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: A0C22-02D1-(Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.23423
Stddev	.14798
%RSD	63.176

#1	.12815
#2	.40328
#3	.17126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.6	46857.	4637.6	105.76	3977.3
Stddev	16.3	188.	33.5	1.50	2.3
%RSD	.47069	.40181	.72145	1.4188	.05777

#1	3433.9	46740.	4618.6	107.03	3979.2
#2	3462.8	46757.	4676.2	106.14	3977.9
#3	3461.2	47075.	4617.9	104.10	3974.7

Sample Name: J6516-02MS Acquired: 12/21/2018 21:14:00 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77618	1.8877	.93259	1.8773	.77640	2.0153	.22827
Stddev	.00500	.0119	.00582	.0057	.00201	.0177	.00037
%RSD	.64428	.63055	.62360	.30184	.25935	.87867	.16021

#1	.77572	1.8805	.92772	1.8838	.77779	2.0035	.22864
#2	.77142	1.9015	.93903	1.8734	.77732	2.0357	.22791
#3	.78139	1.8812	.93102	1.8747	.77409	2.0068	.22826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19307	.18512	38.508	.41939	.19623	.31113	3.0327
Stddev	.00042	.00119	.244	.00075	.00145	.00022	.0224
%RSD	.21816	.64440	.63253	.17985	.73881	.07061	.73739

#1	.19262	.18421	38.393	.41924	.19548	.31130	3.0167
#2	.19345	.18647	38.343	.41873	.19791	.31121	3.0231
#3	.19315	.18468	38.788	.42021	.19532	.31089	3.0583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27391	6.8648	.48499	.07014	29.384	.31051	.20529
Stddev	.00064	.1098	.00345	.00089	.192	.00060	.00259
%RSD	.23210	1.5994	.71189	1.2623	.65219	.19271	1.2633

#1	.27318	6.7384	.48208	.06954	29.378	.30983	.20593
#2	.27437	6.9195	.48880	.07115	29.196	.31096	.20243
#3	.27417	6.9365	.48409	.06972	29.579	.31073	.20750

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.620	.40647	.33924	F 23.321	1.8679	.63001	.19704
Stddev	.025	.00020	.00451	.170	.0129	.00305	.00405
%RSD	.18276	.05024	1.3298	.72846	.69173	.48339	2.0575

#1	13.646	.40663	.33621	23.251	1.8698	.62819	.19867
#2	13.596	.40654	.34442	23.515	1.8541	.63353	.20003
#3	13.619	.40624	.33708	23.197	1.8797	.62831	.19242

Sample Name: J6516-02MS Acquired: 12/21/2018 21:14:00 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20347	5.361	.39861	2.5690	F<.00000
Stddev	.00150	.032	.00309	.0312	.18662
%RSD	.73959	.6030	.77398	1.2146	12.801

#1	.20446	5.342	.39918	2.5877	-1.2447
#2	.20174	5.398	.39527	2.5864	-1.5375
#3	.20421	5.343	.40136	2.5330	-1.5915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.0	45641.	4539.6	102.30	3800.1
Stddev	6.4	38.	42.2	1.07	29.6
%RSD	.19117	.08384	.93021	1.0484	.77967

#1	3355.6	45598.	4512.6	102.03	3811.5
#2	3359.2	45668.	4588.3	103.48	3766.5
#3	3368.1	45659.	4517.9	101.39	3822.4

Sample Name: J6516-02MSD Acquired: 12/21/2018 21:17:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14394 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77674	1.8710	.92285	1.8632	.77661	2.0212	.22859
Stddev	.00508	.0093	.00361	.0146	.00392	.0561	.00053
%RSD	.65369	.49622	.39089	.78088	.50525	2.7737	.23250

#1	.78179	1.8780	.92556	1.8781	.78098	1.9650	.22798
#2	.77680	1.8745	.92424	1.8626	.77545	2.0771	.22879
#3	.77164	1.8604	.91876	1.8490	.77339	2.0216	.22898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19468	.18373	38.945	.42373	.19450	.30935	3.0659
Stddev	.00105	.00027	.118	.00121	.00091	.00172	.0027
%RSD	.53831	.14826	.30338	.28609	.46964	.55527	.08845

#1	.19367	.18389	38.808	.42233	.19555	.31106	3.0628
#2	.19459	.18388	39.020	.42450	.19401	.30936	3.0676
#3	.19576	.18342	39.005	.42436	.19393	.30763	3.0673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27554	6.9009	.48188	.06997	29.516	.31258	.20780
Stddev	.00173	.0284	.00109	.00021	.295	.00104	.00493
%RSD	.62677	.41134	.22578	.29631	.99960	.33411	2.3704

#1	.27355	6.9272	.48246	.06973	29.499	.31139	.21102
#2	.27636	6.8708	.48255	.07007	29.230	.31332	.20213
#3	.27669	6.9047	.48062	.07010	29.819	.31304	.21025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.692	.40483	.34797	F 23.031	1.8774	.62685	.19760
Stddev	.057	.00199	.01372	.122	.0235	.00272	.00133
%RSD	.41498	.49221	3.9425	.53172	1.2514	.43382	.67172

#1	13.628	.40652	.33330	23.162	1.8807	.62999	.19906
#2	13.710	.40534	.36048	23.013	1.8524	.62526	.19647
#3	13.737	.40263	.35013	22.919	1.8990	.62530	.19726

Sample Name: J6516-02MSD Acquired: 12/21/2018 21:17:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14394 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20520	5.319	.40233	2.4629	F<.00000
Stddev	.00082	.021	.00414	.0694	.04418
%RSD	.39748	.3921	1.0280	2.8178	3.8334
#1	.20540	5.340	.40332	2.4291	-1.1235
#2	.20430	5.318	.39779	2.5427	-1.2033
#3	.20590	5.298	.40588	2.4168	-1.1304
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.8	45681.	4530.0	101.54	3857.1
Stddev	17.5	170.	54.5	2.61	16.9
%RSD	.51606	.37222	1.2031	2.5684	.43728
#1	3375.0	45877.	4500.1	99.848	3838.2
#2	3401.2	45596.	4592.9	104.54	3862.8
#3	3408.2	45571.	4496.9	100.22	3870.5

Sample Name: J6516-02A Acquired: 12/21/2018 21:21:36 Type: Unk
Method: P4-ICP2(v2678) 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	.77045	1.8653	.92463	1.8506	.77124	2.0189	.22787
Stddev	.00225	.0065	.00354	.0101	.00323	.0303	.00094
%RSD	.29261	.34985	.38267	.54321	.41832	1.5008	.41183

#1	.77295	1.8720	.92871	1.8579	.77466	2.0147	.22861
#2	.76980	1.8648	.92272	1.8547	.77081	1.9909	.22818
#3	.76859	1.8590	.92245	1.8391	.76825	2.0511	.22682

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19243	.18343	38.875	.42092	.19477	.30750	3.0415
Stddev	.00076	.00065	.148	.00116	.00060	.00074	.0492
%RSD	.39534	.35538	.38005	.27552	.30886	.24104	1.6180

#1	.19264	.18413	38.869	.42226	.19546	.30828	3.0241
#2	.19158	.18284	39.026	.42027	.19454	.30743	3.0034
#3	.19306	.18333	38.731	.42024	.19432	.30680	3.0971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27239	6.9156	.48054	.06950	29.149	.30906	.20451
Stddev	.00074	.0102	.00194	.00018	.173	.00136	.00271
%RSD	.27206	.14711	.40413	.26239	.59489	.44055	1.3241

#1	.27285	6.9175	.48261	.06930	29.287	.30993	.20738
#2	.27154	6.9046	.48025	.06953	29.205	.30749	.20200
#3	.27279	6.9247	.47876	.06966	28.955	.30976	.20416

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.605	.40317	.34148	F 22.946	1.8742	.62745	.19386
Stddev	.018	.00125	.01304	.130	.0177	.00185	.00069
%RSD	.12908	.31034	3.8181	.56730	.94730	.29429	.35845

#1	13.603	.40448	.35300	23.034	1.8889	.62955	.19431
#2	13.624	.40306	.34412	22.797	1.8791	.62607	.19306
#3	13.589	.40199	.32733	23.008	1.8545	.62674	.19422

Sample Name: J6516-02A Acquired: 12/21/2018 21:21:36 Type: Unk
Method: P4-ICP2(v2678) 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	.20384	5.311	.39805	2.6211	F<.00000
Stddev	.00184	.016	.00376	.1690	.20113
%RSD	.90084	.3087	.94587	6.4474	17.090
#1	.20393	5.330	.40104	2.8141	-1.3042
#2	.20197	5.300	.39928	2.5495	-.94496
#3	.20564	5.303	.39382	2.4998	-1.2814
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.9	45980.	4549.9	103.06	3855.8
Stddev	19.1	161.	56.2	1.57	23.5
%RSD	.56230	.34931	1.2348	1.5202	.61035
#1	3382.6	45851.	4498.9	101.63	3835.3
#2	3420.6	46160.	4540.6	104.73	3881.5
#3	3405.5	45929.	4610.1	102.81	3850.7

Sample Name: J6188-04 Acquired: 12/21/2018 21:25:24 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00267	.00439	.00483	-.00247	.02988	.09201	-.00001
Stddev	.00157	.00071	.00052	.00112	.00133	.01153	.00074	.00006
%RSD	249.15	26.767	11.751	23.167	54.073	38.598	.80370	405.96

#1	-.00118	-.00284	.00490	.00481	-.00377	.03278	.09280	.00004
#2	.00161	-.00188	.00387	.00596	-.00110	.01718	.09189	-.00007
#3	.00146	-.00328	.00440	.00372	-.00254	.03969	.09134	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	106.86	.00015	.00347	.00290	.10331	.28692	8.9341
Stddev	.00002	.92	.00015	.00013	.00052	.00738	.00126	.0347
%RSD	19.081	.85992	101.98	3.8095	17.946	7.1482	.43844	.38865

#1	-.00008	107.87	.00000	.00337	.00232	.10995	.28836	8.8997
#2	-.00007	106.62	.00030	.00362	.00333	.10462	.28606	8.9691
#3	-.00010	106.08	.00014	.00342	.00304	.09536	.28633	8.9336

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00293	.00003	336.08	.00023	.02593	.58752	.00011	.00923
Stddev	.00022	.00081	1.38	.00043	.00069	.01977	.00005	.00113
%RSD	7.5463	2419.7	.40991	184.84	2.6573	3.3657	46.124	12.293

#1	.00271	.00093	337.56	-.00000	.02663	.59042	.00015	.01024
#2	.00291	-.00021	335.82	-.00003	.02592	.56645	.00012	.00800
#3	.00315	-.00062	334.84	.00072	.02525	.60568	.00005	.00944

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1184	1.3612	-.00016	-.00019	.00032	.0045	.18344	4.0312
Stddev	.0086	.0117	.00051	.00033	.00135	.0008	.00081	.0802
%RSD	.77268	.86212	315.53	171.17	426.17	17.24	.43950	1.9898

#1	1.1275	1.3746	-.00048	.00019	.00145	.0051	.18433	4.1153
#2	1.1172	1.3525	.00043	-.00034	-.00118	.0048	.18324	3.9556
#3	1.1104	1.3566	-.00043	-.00043	.00068	.0036	.18276	4.0228

Sample Name: J6188-04 Acquired: 12/21/2018 21:25:24 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.23227
Stddev	.57402
%RSD	247.14

#1	.82132
#2	-.32545
#3	.20095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3210.1	43227.	4614.0	101.79	3434.2
Stddev	36.3	109.	32.7	2.66	30.8
%RSD	1.1305	.25155	.70904	2.6178	.89787

#1	3168.3	43102.	4576.3	98.859	3398.9
#2	3228.5	43287.	4631.0	102.45	3456.2
#3	3233.5	43293.	4634.8	104.07	3447.4

Sample Name: J6188-04DUP Acquired: 12/21/2018 21:29:40 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00293	.00423	.00510	-.00120	.03051	.09467	.00004
Stddev	.00092	.00108	.00138	.00495	.00037	.00944	.00047	.00005
%RSD	118.25	36.846	32.734	96.964	30.733	30.945	.49677	107.76

#1	-.00158	-.00191	.00276	.00997	-.00155	.01965	.09466	.00010
#2	.00023	-.00406	.00550	.00008	-.00123	.03672	.09515	.00001
#3	-.00100	-.00282	.00443	.00525	-.00082	.03518	.09421	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	110.79	.00039	.00333	.00279	.09689	.29466	9.2427
Stddev	.00007	1.11	.00049	.00025	.00047	.00545	.00038	.0427
%RSD	241.38	.99956	125.41	7.4317	16.937	5.6269	.12831	.46198

#1	.00004	109.55	.00021	.00358	.00322	.09873	.29510	9.1969
#2	-.00010	111.14	.00001	.00333	.00229	.09076	.29446	9.2815
#3	-.00002	111.67	.00094	.00309	.00285	.10119	.29443	9.2495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00276	-.00049	349.93	.00057	.02594	.63799	-.00003	.00954
Stddev	.00041	.00038	1.14	.00046	.00054	.03041	.00020	.00384
%RSD	15.001	77.367	.32701	81.182	2.0728	4.7673	748.42	40.193

#1	.00251	-.00053	349.03	.00021	.02577	.60469	-.00016	.01117
#2	.00323	-.00009	351.22	.00109	.02552	.66431	.00020	.00516
#3	.00252	-.00085	349.55	.00041	.02655	.64495	-.00013	.01229

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1395	1.4257	-.00102	-.00024	.00291	.0038	.18783	4.4123
Stddev	.0033	.0061	.00040	.00132	.00235	.0012	.00101	.1493
%RSD	.28756	.42838	39.607	550.03	80.770	32.34	.53893	3.3839

#1	1.1365	1.4253	-.00084	-.00176	.00501	.0038	.18682	4.5519
#2	1.1390	1.4198	-.00074	.00039	.00037	.0050	.18884	4.4302
#3	1.1430	1.4320	-.00149	.00065	.00337	.0026	.18784	4.2549

Sample Name: J6188-04DUP Acquired: 12/21/2018 21:29:40 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.05730
Stddev	.45457
%RSD	793.38

#1	.48685
#2	.10377
#3	-.41873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.2	42556.	4455.0	98.118	3404.0
Stddev	16.3	134.	12.2	2.472	14.6
%RSD	.51185	.31414	.27482	2.5199	.42992

#1	3187.4	42410.	4469.1	98.630	3406.3
#2	3203.4	42585.	4448.8	100.29	3417.3
#3	3170.7	42673.	4447.0	95.430	3388.3

Sample Name: J6188-04LX5 Acquired: 12/21/2018 21:33:56 Type: Unk
Method: P4-ICP2(v2678) 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	.00057	-.00038	.00079	.00257	-.00156	-.00072	.01973	.00001
Stddev	.00098	.00006	.00051	.00188	.00226	.01083	.00043	.00005
%RSD	173.40	15.777	64.247	73.188	145.45	1502.8	2.1738	402.78

#1	-.00024	-.00032	.00038	.00041	-.00250	-.01298	.01940	-.00003
#2	.00029	-.00044	.00136	.00381	.00103	.00757	.01957	.00000
#3	.00165	-.00038	.00063	.00350	-.00319	.00325	.02022	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	23.008	-.00002	.00070	-.00015	.03061	.06110	1.9548
Stddev	.00006	.067	.00033	.00012	.00035	.00430	.00020	.0417
%RSD	92.583	.28903	1782.9	16.799	234.72	14.050	.32886	2.1309

#1	-.00004	23.075	-.00019	.00073	-.00049	.03555	.06087	1.9162
#2	-.00014	22.942	.00036	.00057	-.00017	.02860	.06116	1.9990
#3	-.00002	23.007	-.00023	.00079	.00021	.02768	.06125	1.9491

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00007	71.276	-.00003	.00557	.14863	-.00022	.00250
Stddev	.00017	.00019	.425	.00007	.00015	.01667	.00010	.00674
%RSD	46.016	256.84	.59564	268.88	2.6488	11.216	44.876	269.63

#1	.00045	.00010	71.522	.00005	.00540	.16521	-.00028	.00899
#2	.00018	-.00013	71.521	-.00003	.00568	.13187	-.00028	.00299
#3	.00050	.00024	70.786	-.00010	.00562	.14880	-.00011	-.00447

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21609	.30498	-.00069	.00101	.00036	.0012	.03798	2.9292
Stddev	.00351	.00307	.00022	.00096	.00057	.0011	.00002	.0483
%RSD	1.6229	1.0058	32.412	95.617	157.40	90.84	.04919	1.6504

#1	.21547	.30528	-.00093	.00121	.00091	.0014	.03799	2.9139
#2	.21987	.30789	-.00048	-.00004	.00041	.0023	.03799	2.9834
#3	.21294	.30177	-.00065	.00185	-.00023	.0000	.03796	2.8904

Sample Name: J6188-04LX5 Acquired: 12/21/2018 21:33:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .21889
Stddev .60449
%RSD 276.16

#1 -.47733
#2 .61008
#3 .52393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.5	45017.	4472.8	99.364	3749.7
Stddev	22.8	96.	27.2	.360	24.4
%RSD	.67540	.21372	.60764	.36202	.65110

#1	3355.8	45120.	4446.8	99.006	3727.0
#2	3367.9	44929.	4470.6	99.361	3746.6
#3	3399.9	45002.	4501.0	99.725	3775.5

Sample Name: J6188-04MS Acquired: 12/21/2018 21:38:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83815	1.9295	.99008	2.0922	.81808	2.2273	.30797	.21323
Stddev	.00345	.0026	.00176	.0045	.00260	.0403	.00117	.00026
%RSD	.41218	.13672	.17816	.21366	.31764	1.8103	.38130	.12081

#1	.84094	1.9275	.98907	2.0870	.81666	2.2679	.30662	.21351
#2	.83922	1.9325	.98905	2.0948	.81650	2.2268	.30876	.21318
#3	.83429	1.9285	.99212	2.0948	.82108	2.1872	.30854	.21300

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20078	108.97	.43876	.20979	.31119	3.2311	.49625	11.195
Stddev	.00061	1.81	.00108	.00025	.00063	.0333	.00041	.106
%RSD	.30309	1.6588	.24664	.11926	.20337	1.0313	.08349	.94658

#1	.20117	106.97	.43965	.20980	.31186	3.2667	.49672	11.076
#2	.20008	110.48	.43908	.21003	.31110	3.2007	.49592	11.228
#3	.20110	109.47	.43756	.20953	.31060	3.2259	.49611	11.280

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51428	.07619	342.34	.32733	.23466	11.415	.41888	.31240
Stddev	.00145	.00102	6.29	.00109	.00069	.054	.00047	.00229
%RSD	.28277	1.3367	1.8360	.33403	.29517	.47657	.11296	.73297

#1	.51588	.07587	335.08	.32610	.23388	11.354	.41875	.31163
#2	.51303	.07734	346.18	.32770	.23519	11.433	.41940	.31497
#3	.51394	.07538	345.74	.32819	.23492	11.458	.41848	.31058

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0761	2.3291	.68932	.20324	.21791	6.194	.38749	4.2616
Stddev	.0056	.0400	.00183	.00199	.00190	.009	.00538	.1273
%RSD	.52404	1.7184	.26518	.97824	.87119	.1477	1.3887	2.9862

#1	1.0710	2.2855	.69109	.20504	.21583	6.204	.38164	4.3808
#2	1.0821	2.3641	.68941	.20111	.21955	6.191	.39222	4.2763
#3	1.0751	2.3377	.68744	.20358	.21834	6.186	.38862	4.1276

Sample Name: J6188-04MS Acquired: 12/21/2018 21:38:03 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.29897
%RSD	38.321

#1	-1.0912
#2	-.75429
#3	-.49497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3202.9	42804.	4406.2	98.719	3430.7
Stddev	12.8	179.	45.6	.322	11.0
%RSD	.39877	.41850	1.0355	.32649	.32045

#1	3194.8	42599.	4455.7	98.723	3420.8
#2	3196.2	42884.	4365.8	98.394	3428.7
#3	3217.6	42929.	4396.9	99.039	3442.5

Sample Name: J6188-04MSD Acquired: 12/21/2018 21:42:01 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83952	1.9383	.98952	2.0971	.81566	2.2107	.30874	.21324
Stddev	.00336	.0022	.00262	.0051	.00068	.0140	.00146	.00059
%RSD	.40018	.11616	.26471	.24216	.08337	.63345	.47370	.27727
#1	.83822	1.9396	.98664	2.0934	.81533	2.2199	.30754	.21389
#2	.83700	1.9396	.99014	2.1029	.81520	2.2176	.30831	.21272
#3	.84333	1.9357	.99177	2.0951	.81644	2.1946	.31037	.21312
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20088	110.56	.44045	.20987	.31196	3.2444	.49714	11.213
Stddev	.00033	.63	.00272	.00080	.00180	.0295	.00173	.039
%RSD	.16365	.56549	.61780	.38328	.57774	.90911	.34720	.34594
#1	.20053	109.85	.44356	.20914	.31024	3.2569	.49912	11.225
#2	.20118	110.85	.43926	.20975	.31383	3.2107	.49598	11.170
#3	.20094	110.99	.43853	.21073	.31182	3.2656	.49631	11.245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51639	.07643	341.07	.32800	.23714	11.534	.42045	.32043
Stddev	.00049	.00042	.52	.00307	.00148	.070	.00044	.01098
%RSD	.09422	.55494	.15352	.93502	.62219	.60516	.10551	3.4262
#1	.51600	.07691	341.47	.33155	.23716	11.492	.42089	.32977
#2	.51694	.07624	341.27	.32623	.23565	11.615	.42046	.30834
#3	.51625	.07613	340.48	.32623	.23860	11.496	.42000	.32320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0838	2.3819	.69756	.20464	.22104	6.218	.39123	4.2821
Stddev	.0046	.0124	.00076	.00109	.00050	.007	.00186	.3438
%RSD	.42356	.52263	.10956	.53249	.22523	.1200	.47636	8.0300
#1	1.0818	2.3703	.69677	.20552	.22072	6.209	.38912	4.6727
#2	1.0805	2.3950	.69761	.20342	.22079	6.223	.39195	4.1480
#3	1.0891	2.3804	.69830	.20498	.22162	6.221	.39264	4.0254

Sample Name: J6188-04MSD Acquired: 12/21/2018 21:42:01 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-01-122018 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.07015
%RSD	7.4639

#1	-.99970
#2	-.95713
#3	-.86265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.4	42838.	4359.8	97.713	3427.4
Stddev	4.2	344.	3.0	.727	4.4
%RSD	.13106	.80358	.06790	.74378	.12822

#1	3201.7	42484.	4357.0	97.382	3423.5
#2	3208.2	42857.	4362.9	98.546	3432.2
#3	3200.4	43172.	4359.3	97.210	3426.6

Sample Name: J6188-04A Acquired: 12/21/2018 21:45:59 Type: Unk
Method: P4-ICP2(v2678) 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	.83409	1.9260	.98618	2.0765	.81090	2.2185	.30724	.21209
Stddev	.00228	.0027	.00139	.0034	.00347	.0206	.00103	.00078
%RSD	.27388	.14177	.14106	.16467	.42760	.92917	.33612	.36906

#1	.83388	1.9255	.98590	2.0754	.81467	2.2121	.30813	.21178
#2	.83648	1.9289	.98769	2.0804	.80785	2.2415	.30611	.21298
#3	.83192	1.9235	.98495	2.0738	.81018	2.2018	.30749	.21151

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19995	109.78	.43870	.20782	.30853	3.2317	.49463	11.183
Stddev	.00022	.87	.00100	.00056	.00061	.0377	.00035	.031
%RSD	.10896	.79311	.22872	.26900	.19776	1.1681	.07041	.27636

#1	.19970	110.33	.43816	.20721	.30923	3.1897	.49450	11.154
#2	.20009	108.77	.43809	.20831	.30818	3.2627	.49503	11.215
#3	.20006	110.22	.43986	.20792	.30816	3.2427	.49437	11.179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51258	.07686	339.02	.32649	.23452	11.493	.41643	.31426
Stddev	.00061	.00076	4.19	.00091	.00153	.008	.00021	.00613
%RSD	.11927	.98266	1.2366	.27739	.65213	.07030	.05074	1.9503

#1	.51205	.07770	343.57	.32715	.23370	11.484	.41631	.30738
#2	.51325	.07623	335.31	.32546	.23358	11.495	.41630	.31912
#3	.51244	.07664	338.19	.32687	.23629	11.500	.41667	.31628

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0733	2.3582	.68950	.20283	.22075	6.170	.38798	4.2330
Stddev	.0043	.0163	.00203	.00041	.00190	.017	.00391	.0560
%RSD	.40185	.69169	.29481	.20012	.86232	.2773	1.0084	1.3220

#1	1.0781	2.3697	.68920	.20311	.22197	6.156	.39154	4.2841
#2	1.0698	2.3396	.69167	.20236	.21856	6.165	.38379	4.1732
#3	1.0721	2.3654	.68764	.20302	.22174	6.189	.38860	4.2415

Sample Name: J6188-04A Acquired: 12/21/2018 21:45:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .30220
%RSD 81.629

#1 -.09307
#2 -.32514
#3 -.69240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.4	42908.	4379.3	98.532	3440.6
Stddev	5.0	61.	37.9	.593	3.9
%RSD	.15428	.14275	.86512	.60184	.11247

#1	3213.6	42869.	4347.0	98.936	3439.9
#2	3221.9	42876.	4421.0	98.809	3437.0
#3	3222.5	42978.	4369.9	97.852	3444.7

Sample Name: CCV10 Acquired: 12/21/2018 21:49:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14398 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0718	5.0756	5.0559	5.0263	5.0224	10.117	10.353	.25442
Stddev	.0044	.0053	.0032	.0147	.0182	.087	.042	.00126
%RSD	.08590	.10501	.06272	.29213	.36299	.86489	.40464	.49346
#1	5.0761	5.0811	5.0585	5.0394	5.0236	10.064	10.382	.25326
#2	5.0674	5.0705	5.0523	5.0105	5.0035	10.069	10.372	.25424
#3	5.0719	5.0752	5.0567	5.0291	5.0399	10.218	10.305	.25575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5101	27.349	1.0536	2.4987	1.2772	5.1409	2.5801	26.325
Stddev	.0035	.187	.0073	.0038	.0011	.0290	.0117	.064
%RSD	.13791	.68351	.69096	.15292	.08342	.56434	.45140	.24376
#1	2.5140	27.374	1.0493	2.5030	1.2767	5.1691	2.5712	26.266
#2	2.5073	27.523	1.0495	2.4975	1.2765	5.1425	2.5757	26.393
#3	2.5092	27.151	1.0620	2.4956	1.2784	5.1111	2.5933	26.317
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5153	1.3033	25.211	2.5305	2.6444	25.459	5.1091	5.2571
Stddev	.0031	.0058	.095	.0160	.0293	.045	.0091	.0154
%RSD	.12145	.44172	.37870	.63165	1.1066	.17676	.17834	.29270
#1	2.5181	1.3008	25.302	2.5184	2.6661	25.463	5.1176	5.2501
#2	2.5120	1.2992	25.220	2.5244	2.6560	25.502	5.0995	5.2747
#3	2.5159	1.3099	25.112	2.5486	2.6111	25.412	5.1104	5.2465
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9726	5.2698	5.0692	5.1834	5.1440	5.098	5.3365	F 3.6176
Stddev	.0034	.0411	.0109	.0098	.0217	.014	.0311	.1939
%RSD	.06893	.77930	.21560	.18914	.42274	.2672	.58350	5.3609
#1	4.9729	5.2882	5.0767	5.1843	5.1598	5.107	5.3578	3.5842
#2	4.9691	5.2985	5.0566	5.1928	5.1530	5.082	5.3510	3.4424
#3	4.9759	5.2228	5.0742	5.1732	5.1192	5.105	5.3008	3.8260

Sample Name: CCV10 Acquired: 12/21/2018 21:49:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14398 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1961
Stddev	.3286
%RSD	14.963

#1	1.8608
#2	2.5176
#3	2.2099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.3	44936.	4402.9	96.896	3620.9
Stddev	5.2	312.	26.9	1.206	6.1
%RSD	.15555	.69524	.61169	1.2445	.16957

#1	3367.3	45107.	4388.3	95.985	3614.1
#2	3376.9	45126.	4386.4	96.441	3622.6
#3	3375.7	44576.	4434.0	98.264	3626.1

Sample Name: CCB10 Acquired: 12/21/2018 21:53:36 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14398 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	.00153	.00000	-.00055	-.00016	-.00518	.00109	.00000
Stddev	.00347	.00062	.00089	.00171	.00224	.00457	.00064	.00005
%RSD	504.67	40.335	31e6	313.03	1394.6	88.224	58.548	1872.3
#1	-.00056	.00224	.00102	-.00212	.00236	-.00413	.00051	-.00005
#2	-.00422	.00122	-.00060	.00127	-.00090	-.00122	.00177	.00005
#3	.00271	.00113	-.00042	-.00079	-.00194	-.01017	.00098	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.01632	.00007	-.00001	-.00087	.00892	-.00002	.00348
Stddev	.00003	.00534	.00012	.00013	.00043	.00445	.00001	.03153
%RSD	22.346	32.747	162.83	1054.9	48.914	49.867	59.744	906.86
#1	.00015	-.02200	.00021	-.00003	-.00134	.01294	-.00002	-.00310
#2	.00010	-.01139	.00002	-.00014	-.00051	.00414	-.00001	-.02425
#3	.00011	-.01557	-.00001	.00013	-.00077	.00967	-.00003	.03778
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00010	.05050	.00012	-.00015	.01470	.00016	.00596
Stddev	.00031	.00002	.00604	.00023	.00011	.03970	.00008	.00398
%RSD	106.48	24.086	11.962	185.60	73.352	270.12	51.587	66.821
#1	-.00056	-.00012	.05723	.00036	-.00004	.04791	.00024	.00934
#2	.00005	-.00010	.04873	.00010	-.00014	.02545	.00015	.00697
#3	-.00038	-.00008	.04555	-.00009	-.00026	-.02927	.00008	.00157
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00717	.00010	-.00067	.00070	.00021	-.0001	.00003	F 1.6638
Stddev	.00092	.00092	.00063	.00012	.00092	.0008	.00007	.2045
%RSD	12.884	881.57	94.678	16.757	446.28	1141.	283.21	12.289
#1	-.00731	.00056	-.00082	.00063	-.00006	.0004	-.00002	1.8606
#2	-.00801	.00071	.00003	.00083	-.00055	-.0010	.00011	1.4524
#3	-.00618	-.00096	-.00121	.00064	.00123	.0004	-.00001	1.6784

Sample Name: CCB10 Acquired: 12/21/2018 21:53:36 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14398 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .24693
Stddev	.35707
%RSD	144.60

#1	-.14938
#2	.34662
#3	.54356

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.8	47045.	4480.7	102.11	4046.8
Stddev	17.3	209.	32.5	.67	6.7
%RSD	.49407	.44336	.72532	.66004	.16509

#1	3486.0	46805.	4453.9	101.43	4040.6
#2	3505.0	47150.	4471.4	102.12	4045.9
#3	3520.5	47181.	4516.8	102.78	4053.9

Sample Name: J6191-02 Acquired: 12/21/2018 21:57:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-122018 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	-.00321	.00252	.00637	-.00175	.11403	.34855	.00011
Stddev	.00147	.00153	.00060	.00149	.00108	.01276	.00657	.00003
%RSD	579.80	47.595	23.752	23.419	61.799	11.190	1.8859	28.156

#1	-.00006	-.00160	.00183	.00803	-.00054	.11996	.34544	.00009
#2	.00185	-.00465	.00280	.00594	-.00263	.12274	.34410	.00014
#3	-.00103	-.00339	.00293	.00514	-.00207	.09938	.35610	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	25.333	-.00057	.01656	.00541	2.1255	2.1590	4.5648
Stddev	.00007	.453	.00037	.00037	.00007	.0434	.0065	.0544
%RSD	107.75	1.7900	64.739	2.2583	1.3483	2.0430	.30054	1.1919

#1	-.00000	24.983	-.00045	.01698	.00540	2.0955	2.1664	4.5168
#2	.00006	25.171	-.00028	.01646	.00535	2.1058	2.1541	4.5537
#3	.00014	25.845	-.00099	.01626	.00549	2.1753	2.1567	4.6239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00718	-.00024	334.00	.00013	.02675	.79215	.00010	.02625
Stddev	.00047	.00026	5.34	.00034	.00032	.01158	.00024	.00306
%RSD	6.5311	108.42	1.5992	263.18	1.1850	1.4621	230.18	11.640

#1	.00767	-.00012	328.35	.00044	.02682	.79071	.00005	.02587
#2	.00674	-.00006	334.67	.00018	.02640	.78136	-.00011	.02341
#3	.00711	-.00053	338.97	-.00023	.02702	.80439	.00036	.02948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52671	1.6101	-.00016	.00140	.00126	.0040	.15465	3.8992
Stddev	.00190	.0105	.00056	.00108	.00125	.0029	.00262	.1112
%RSD	.36119	.64954	344.01	77.066	99.251	71.92	1.6940	2.8524

#1	.52890	1.5996	.00038	.00032	.00233	.0016	.15241	3.9988
#2	.52561	1.6103	-.00074	.00140	.00155	.0032	.15401	3.9197
#3	.52561	1.6205	-.00013	.00248	-.00011	.0072	.15753	3.7792

Sample Name: J6191-02 Acquired: 12/21/2018 21:57:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .69798
Stddev .24744
%RSD 35.450

#1 .43830
#2 .93101
#3 .72464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.6	43207.	4353.2	97.383	3499.8
Stddev	17.4	306.	43.2	.744	16.3
%RSD	.53169	.70820	.99216	.76428	.46455

#1	3250.1	42870.	4391.8	97.775	3486.1
#2	3257.6	43285.	4361.4	97.850	3495.7
#3	3283.2	43467.	4306.5	96.525	3517.8

Sample Name: J6191-04 Acquired: 12/21/2018 22:02:02 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-07-122018 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	-.00237	.01287	.00567	-.00108	.09693	.22056	.00005
Stddev	.00148	.00044	.00043	.00188	.00034	.00853	.00087	.00004
%RSD	81.620	18.370	3.3330	33.088	31.269	8.7966	.39485	80.836

#1	-.00010	-.00233	.01302	.00475	-.00109	.10678	.21989	.00005
#2	-.00264	-.00196	.01239	.00783	-.00074	.09209	.22025	.00001
#3	-.00270	-.00283	.01321	.00444	-.00142	.09193	.22155	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	27.333	.00004	.00618	.00901	.04035	1.0299	2.7945
Stddev	.00008	.134	.00035	.00007	.00019	.00579	.0023	.0342
%RSD	23.377	.48860	995.09	1.1842	2.0715	14.359	.22656	1.2233

#1	.00026	27.353	-.00034	.00616	.00912	.03777	1.0303	2.8285
#2	.00038	27.191	.00010	.00612	.00879	.03630	1.0274	2.7949
#3	.00041	27.455	.00035	.00626	.00912	.04699	1.0320	2.7601

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	.00014	288.86	-.00001	.07117	.87957	.00012	.02267
Stddev	.00006	.00046	1.06	.00028	.00181	.02559	.00022	.00537
%RSD	1.3989	320.34	.36791	5460.0	2.5365	2.9092	178.19	23.668

#1	.00433	.00059	288.74	.00032	.07136	.90386	-.00009	.02687
#2	.00428	.00018	289.97	-.00017	.06928	.85285	.00011	.01663
#3	.00421	-.00034	287.86	-.00017	.07288	.88201	.00035	.02451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49187	1.7194	.00003	.00282	.00255	.0051	.13815	3.4084
Stddev	.00299	.0078	.00031	.00272	.00055	.0012	.00079	.1263
%RSD	.60729	.45186	880.95	96.461	21.668	23.10	.57263	3.7043

#1	.48847	1.7186	.00017	.00540	.00261	.0058	.13792	3.4341
#2	.49307	1.7120	.00025	-.00002	.00197	.0058	.13749	3.5198
#3	.49407	1.7275	-.00032	.00308	.00307	.0037	.13903	3.2712

Sample Name: J6191-04 Acquired: 12/21/2018 22:02:02 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-07-122018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .71513
 Stddev .22779
 %RSD 31.853

#1 .69083
 #2 .95410
 #3 .50046

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.2	43595.	4422.5	99.217	3538.9
Stddev	12.7	49.	13.2	2.357	10.7
%RSD	.38756	.11344	.29858	2.3759	.30333

#1	3261.5	43538.	4417.4	98.709	3528.1
#2	3271.4	43631.	4437.5	101.79	3539.0
#3	3286.7	43614.	4412.5	97.155	3549.6

Sample Name: J6192-04 Acquired: 12/21/2018 22:06:16 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-122018 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	-.00344	.00379	.00420	-.00072	.08546	.15758	.00001
Stddev	.00235	.00042	.00071	.00241	.00155	.01007	.00087	.00007
%RSD	87.959	12.111	18.680	57.398	215.30	11.782	.55475	611.19

#1	-.00020	-.00357	.00407	.00422	.00100	.08429	.15841	-.00007
#2	-.00487	-.00377	.00431	.00178	-.00201	.07603	.15667	.00004
#3	-.00294	-.00297	.00298	.00659	-.00114	.09607	.15767	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	31.881	.00039	.00771	.00741	.09055	1.0547	7.9504
Stddev	.00006	.161	.00025	.00029	.00027	.00689	.0011	.0350
%RSD	51.827	.50453	65.080	3.7891	3.5844	7.6075	.10676	.44018

#1	.00010	31.700	.00068	.00788	.00769	.08282	1.0546	7.9507
#2	.00018	31.938	.00024	.00787	.00736	.09603	1.0558	7.9152
#3	.00006	32.006	.00025	.00737	.00716	.09281	1.0536	7.9852

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	-.00011	409.45	.00059	.03207	1.3268	.00009	.01193
Stddev	.00019	.00033	3.28	.00033	.00046	.0386	.00019	.00905
%RSD	4.8831	295.90	.80208	55.688	1.4241	2.9067	204.62	75.855

#1	.00381	.00027	407.95	.00096	.03232	1.2827	.00011	.00167
#2	.00394	-.00035	407.19	.00044	.03154	1.3433	.00026	.01534
#3	.00419	-.00026	413.22	.00036	.03233	1.3543	-.00011	.01879

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28969	.83775	.00008	-.00056	.00293	.0042	.06887	3.7560
Stddev	.00270	.00334	.00067	.00160	.00043	.0008	.00018	.3358
%RSD	.93321	.39913	806.12	287.72	14.543	18.56	.25507	8.9397

#1	.28702	.84098	-.00066	-.00207	.00299	.0050	.06868	3.5615
#2	.28961	.83430	.00062	.00111	.00333	.0035	.06891	4.1437
#3	.29243	.83795	.00029	-.00070	.00248	.0042	.06902	3.5627

Sample Name: J6192-04 Acquired: 12/21/2018 22:06:16 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-122018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .47674
 Stddev .21763
 %RSD 45.650

#1 .39531
 #2 .72335
 #3 .31157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.5	43203.	4403.8	97.208	3457.8
Stddev	9.3	180.	23.7	1.809	11.2
%RSD	.28585	.41691	.53902	1.8607	.32261

#1	3241.4	43223.	4393.2	95.893	3448.1
#2	3259.7	43014.	4431.0	99.270	3470.0
#3	3253.5	43373.	4387.2	96.459	3455.2

Sample Name: J6200-02 Acquired: 12/21/2018 22:10:32 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-122018 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	-.00278	.00731	.00380	-.00176	.11219	.14164	.00009
Stddev	.00259	.00096	.00074	.00233	.00077	.00782	.00047	.00003
%RSD	102.86	34.618	10.124	61.495	43.909	6.9683	.33513	33.832

#1	-.00468	-.00256	.00674	.00127	-.00203	.10766	.14149	.00012
#2	.00035	-.00195	.00705	.00424	-.00235	.10769	.14218	.00007
#3	-.00321	-.00384	.00815	.00588	-.00089	.12122	.14127	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	40.471	-.00017	.00906	.00730	.42658	.98967	1.6262
Stddev	.00012	.117	.00020	.00024	.00025	.01171	.00064	.0441
%RSD	106.34	.28913	118.76	2.6344	3.3633	2.7444	.06417	2.7099

#1	-.00000	40.377	.00003	.00891	.00702	.41310	.98920	1.6522
#2	.00023	40.434	-.00037	.00933	.00749	.43240	.99039	1.5753
#3	.00010	40.602	-.00016	.00893	.00739	.43423	.98941	1.6511

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	.00003	378.91	.00053	.03004	1.4777	.00020	.01537
Stddev	.00014	.00025	2.42	.00034	.00013	.0127	.00009	.00500
%RSD	3.6162	743.27	.63759	65.220	.44861	.85585	47.829	32.562

#1	.00401	-.00025	381.10	.00015	.03017	1.4679	.00019	.01568
#2	.00395	.00019	379.31	.00061	.02990	1.4731	.00010	.02021
#3	.00374	.00016	376.32	.00082	.03005	1.4920	.00029	.01021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33707	.99919	.00056	.00064	.00431	.0053	.15273	3.7454
Stddev	.00114	.02334	.00058	.00077	.00198	.0003	.00045	.1906
%RSD	.33924	2.3364	103.49	118.84	45.988	5.051	.29554	5.0889

#1	.33576	1.0204	.00015	.00083	.00319	.0052	.15260	3.5688
#2	.33783	1.0030	.00123	-.00020	.00315	.0056	.15236	3.7198
#3	.33763	.97417	.00031	.00130	.00660	.0051	.15324	3.9474

Sample Name: J6200-02 Acquired: 12/21/2018 22:10:32 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-122018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36338
Stddev	.06369
%RSD	17.527

#1	.42164
#2	.37311
#3	.29538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.3	43053.	4428.8	98.829	3479.4
Stddev	14.8	58.	53.7	.884	18.7
%RSD	.45353	.13399	1.2124	.89457	.53713

#1	3249.4	42992.	4375.3	97.834	3457.9
#2	3272.4	43107.	4428.4	99.525	3490.9
#3	3277.1	43058.	4482.7	99.127	3489.6

Sample Name: J6498-07 Acquired: 12/21/2018 22:14:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1219-S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00222	-.00261	.01263	.00052	.00140	.14013	.15817	.00015
Stddev	.00155	.00091	.00177	.00210	.00019	.00669	.00061	.00005
%RSD	69.741	34.733	14.025	403.27	13.362	4.7738	.38871	32.014

#1	-.00398	-.00319	.01456	.00241	.00162	.13412	.15766	.00019
#2	-.00103	-.00308	.01109	.00091	.00129	.14733	.15885	.00016
#3	-.00167	-.00157	.01224	-.00175	.00130	.13893	.15800	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	4.6272	.00113	.00115	.01281	.62007	.06254	1.8611
Stddev	.00006	.0273	.00023	.00013	.00026	.00598	.00030	.0290
%RSD	472.49	.59043	20.684	11.387	2.0405	.96376	.47620	1.5561

#1	.00005	4.5977	.00126	.00128	.01299	.62332	.06223	1.8779
#2	-.00006	4.6325	.00127	.00102	.01293	.62371	.06256	1.8277
#3	-.00003	4.6515	.00086	.00114	.01251	.61317	.06283	1.8777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00682	-.00022	335.25	.00034	.11670	.79499	.00039	.04207
Stddev	.00031	.00050	2.18	.00026	.00099	.03952	.00019	.00542
%RSD	4.6078	229.06	.65088	75.363	.85151	4.9712	49.383	12.886

#1	.00718	.00032	337.33	.00011	.11764	.75295	.00027	.04538
#2	.00657	-.00067	335.43	.00062	.11680	.80064	.00030	.04502
#3	.00672	-.00030	332.98	.00030	.11566	.83138	.00062	.03582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7183	.44478	-.00080	.00176	.00473	.0158	.07088	3.7492
Stddev	.0014	.00681	.00028	.00147	.00131	.0009	.00013	.1625
%RSD	.07870	1.5305	35.606	83.657	27.677	5.930	.17950	4.3343

#1	1.7172	.44238	-.00051	.00012	.00570	.0168	.07083	3.9347
#2	1.7198	.43949	-.00082	.00218	.00524	.0158	.07102	3.6810
#3	1.7181	.45246	-.00108	.00297	.00324	.0149	.07078	3.6320

Sample Name: J6498-07 Acquired: 12/21/2018 22:14:48 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1219-S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.48192
Stddev	.30919
%RSD	64.157

#1	.23329
#2	.38435
#3	.82812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3253.4	43217.	4431.8	98.677	3524.0
Stddev	9.5	91.	39.6	.992	5.7
%RSD	.29301	.21040	.89284	1.0053	.16065

#1	3260.0	43208.	4386.1	97.868	3529.6
#2	3242.5	43130.	4456.4	98.380	3518.3
#3	3257.7	43312.	4452.8	99.784	3524.3

Sample Name: J6498-08 Acquired: 12/21/2018 22:19:04 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SSSI-1219-S- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00160	.00566	-.00009	-.00017	.11328	.18398	.00005
Stddev	.00123	.00057	.00047	.00093	.00067	.01078	.00066	.00003
%RSD	78.600	35.495	8.3732	1032.8	394.96	9.5123	.36122	53.786

#1	-.00264	-.00096	.00517	-.00115	-.00033	.10193	.18342	.00005
#2	-.00185	-.00179	.00570	.00024	-.00075	.12338	.18471	.00003
#3	-.00022	-.00205	.00612	.00063	.00057	.11452	.18379	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	5.2891	.00124	.00295	.01889	.45911	.06165	1.3383
Stddev	.00007	.0188	.00027	.00006	.00022	.01620	.00035	.0435
%RSD	2635.7	.35522	21.927	2.1498	1.1715	3.5282	.56731	3.2477

#1	.00003	5.2747	.00122	.00301	.01888	.47781	.06141	1.2902
#2	.00004	5.3104	.00097	.00288	.01867	.45018	.06149	1.3748
#3	-.00008	5.2823	.00152	.00296	.01911	.44935	.06205	1.3498

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01961	-.00003	309.82	-.00019	.12495	.77078	.00028	.04809
Stddev	.00052	.00014	4.05	.00044	.00258	.02530	.00006	.00864
%RSD	2.6339	554.46	1.3067	229.55	2.0662	3.2829	19.810	17.973

#1	.01990	-.00003	312.19	-.00029	.12777	.77448	.00029	.05518
#2	.01992	.00012	305.15	.00029	.12270	.74383	.00034	.03846
#3	.01902	-.00016	312.13	-.00057	.12438	.79402	.00023	.05064

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2297	.46228	-.00046	.00153	.00415	.0190	.06501	2.8778
Stddev	.0066	.00413	.00023	.00159	.00066	.0001	.00020	.2277
%RSD	.53321	.89400	50.168	103.81	15.918	.3720	.30452	7.9118

#1	1.2373	.46620	-.00039	.00227	.00422	.0190	.06522	3.0980
#2	1.2253	.45796	-.00072	-.00029	.00346	.0190	.06483	2.8921
#3	1.2266	.46268	-.00028	.00261	.00477	.0191	.06497	2.6433

Sample Name: J6498-08 Acquired: 12/21/2018 22:19:04 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SSSI-1219-S- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.94434
Stddev	.08734
%RSD	9.2493

#1	1.0218
#2	.84966
#3	.96158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.4	43828.	4432.8	99.616	3584.3
Stddev	19.1	122.	59.8	1.922	16.1
%RSD	.57721	.27750	1.3484	1.9294	.45040

#1	3282.9	43695.	4382.8	97.545	3566.1
#2	3310.9	43854.	4499.0	101.34	3589.8
#3	3319.4	43934.	4416.6	99.959	3596.9

Sample Name: J6499-02 Acquired: 12/21/2018 22:23:20 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-11989 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	-.00261	.00928	.00494	.00014	-.04363	.09796	-.00002
Stddev	.00285	.00154	.00122	.00085	.00187	.00474	.00042	.00012
%RSD	146.57	59.052	13.102	17.211	1356.9	10.867	.42879	638.45

#1	-.00375	-.00395	.00868	.00504	.00014	-.04888	.09784	-.00014
#2	.00134	-.00093	.01068	.00404	.00200	-.03966	.09843	.00009
#3	-.00343	-.00296	.00849	.00574	-.00173	-.04235	.09762	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	192.99	.00007	.00442	.00093	-.04154	.27029	3.1882
Stddev	.00007	.77	.00045	.00014	.00027	.01508	.00081	.0471
%RSD	17.194	.40036	609.42	3.0635	29.198	36.300	.29922	1.4762

#1	.00050	192.54	-.00014	.00448	.00091	-.04083	.27039	3.1603
#2	.00037	193.88	.00060	.00426	.00120	-.05696	.27105	3.2425
#3	.00039	192.55	-.00023	.00451	.00066	-.02683	.26944	3.1617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	-.00033	349.87	.00113	.04823	1.5394	.00094	.02220
Stddev	.00047	.00031	.87	.00050	.00099	.0191	.00026	.00585
%RSD	12.031	96.310	.24802	44.363	2.0468	1.2386	27.807	26.365

#1	.00418	.00004	349.21	.00088	.04920	1.5227	.00064	.02700
#2	.00410	-.00049	349.56	.00081	.04825	1.5354	.00112	.01568
#3	.00334	-.00052	350.86	.00171	.04723	1.5602	.00106	.02393

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7661	3.9786	-.00083	-.00478	.00646	.0128	.40559	3.8732
Stddev	.0070	.0184	.00045	.00313	.00057	.0011	.00265	.1372
%RSD	.39469	.46248	54.506	65.560	8.9024	8.568	.65216	3.5419

#1	1.7739	3.9901	-.00031	-.00782	.00613	.0131	.40556	3.7577
#2	1.7605	3.9574	-.00110	-.00156	.00613	.0137	.40825	4.0249
#3	1.7639	3.9883	-.00107	-.00494	.00712	.0116	.40296	3.8371

Sample Name: J6499-02 Acquired: 12/21/2018 22:23:20 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-11989 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.10102
Stddev	.17513
%RSD	173.36

#1	.28698
#2	.07684
#3	-.06076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.0	42501.	4361.0	96.377	3407.7
Stddev	6.9	182.	19.4	1.186	11.1
%RSD	.21616	.42810	.44440	1.2303	.32461

#1	3201.2	42648.	4341.7	95.455	3420.3
#2	3193.2	42298.	4360.9	95.960	3403.3
#3	3187.5	42557.	4380.5	97.715	3399.5

Sample Name: J6501-02 Acquired: 12/21/2018 22:27:36 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VNJ-221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00268	-.00266	.00691	-.00006	-.00059	.05278	.19225	-.00005
Stddev	.00075	.00077	.00105	.00171	.00109	.00532	.00066	.00003
%RSD	27.976	29.077	15.235	2710.8	186.34	10.078	.34080	65.288

#1	-.00193	-.00345	.00751	-.00092	.00033	.04906	.19255	-.00006
#2	-.00268	-.00262	.00569	-.00117	-.00180	.05888	.19270	-.00001
#3	-.00343	-.00191	.00752	.00190	-.00030	.05041	.19150	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	26.623	.00032	-.00010	.13102	.02133	.12535	2.1170
Stddev	.00008	.074	.00009	.00018	.00032	.00536	.00069	.0641
%RSD	10.869	.27782	28.421	187.91	.24096	25.117	.55384	3.0281

#1	.00078	26.605	.00041	-.00004	.13120	.01715	.12482	2.1684
#2	.00064	26.559	.00023	.00005	.13066	.01946	.12510	2.0452
#3	.00068	26.704	.00031	-.00030	.13120	.02737	.12614	2.1374

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00330	-.00046	348.82	.00048	.16280	1.2638	.00022	.01283
Stddev	.00032	.00027	6.39	.00039	.00337	.0151	.00018	.00477
%RSD	9.5964	59.851	1.8312	81.613	2.0693	1.1931	82.423	37.146

#1	.00311	-.00015	350.60	.00012	.16397	1.2750	.00012	.01255
#2	.00312	-.00068	354.12	.00043	.16542	1.2467	.00043	.00821
#3	.00366	-.00055	341.73	.00090	.15900	1.2697	.00011	.01773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32760	.88469	-.00023	.00079	.00338	.0314	.12262	3.4789
Stddev	.00288	.00668	.00018	.00077	.00064	.0002	.00068	.1796
%RSD	.88043	.75557	80.221	97.658	18.811	.7079	.55680	5.1632

#1	.32976	.88278	-.00041	.00164	.00391	.0314	.12325	3.6684
#2	.32872	.89213	-.00024	.00057	.00267	.0316	.12272	3.4570
#3	.32433	.87918	-.00004	.00015	.00356	.0311	.12190	3.3112

Sample Name: J6501-02 Acquired: 12/21/2018 22:27:36 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-221 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.73774
Stddev	.04357
%RSD	5.9061

#1	.72367
#2	.78661
#3	.70294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3261.6	43345.	4420.4	99.056	3490.6
Stddev	5.2	164.	59.0	2.306	8.5
%RSD	.15820	.37742	1.3354	2.3277	.24301

#1	3256.1	43171.	4380.5	98.111	3481.0
#2	3262.2	43367.	4392.6	97.373	3494.2
#3	3266.4	43496.	4488.2	101.68	3496.8

Sample Name: J6518-03 Acquired: 12/21/2018 22:31:50 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 337-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	-.00218	-.00266	.08421	.00213	.00783	.11364	.18592	-.00000
Stddev	.00363	.00031	.00076	.00101	.00130	.01232	.00128	.00003
%RSD	166.33	11.669	.89810	47.345	16.642	10.842	.68927	800.11

#1	-.00128	-.00298	.08336	.00194	.00775	.11286	.18512	.00003
#2	-.00618	-.00262	.08447	.00123	.00917	.10172	.18525	-.00004
#3	.00091	-.00237	.08481	.00322	.00657	.12633	.18740	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	55.098	.00044	.00218	.01108	.00445	.31498	2.9210
Stddev	.00009	.345	.00018	.00018	.00024	.00655	.00071	.0093
%RSD	7.7700	.62590	40.349	8.4413	2.1867	147.18	.22560	.31934

#1	.00112	54.900	.00046	.00238	.01109	.01050	.31579	2.9220
#2	.00119	54.899	.00025	.00203	.01132	-.00250	.31448	2.9298
#3	.00102	55.497	.00060	.00212	.01083	.00535	.31466	2.9112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00463	-.00036	358.52	.00057	.13356	1.5207	.00032	.01193
Stddev	.00007	.00026	4.08	.00034	.00330	.0130	.00025	.00229
%RSD	1.5672	71.731	1.1388	59.252	2.4724	.85204	77.303	19.191

#1	.00459	-.00057	359.63	.00081	.13332	1.5082	.00057	.01059
#2	.00471	-.00007	361.94	.00071	.13698	1.5198	.00031	.01062
#3	.00459	-.00043	354.00	.00018	.13039	1.5341	.00007	.01457

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68515	1.4859	.00026	-.00092	.00566	.0502	.23105	3.7979
Stddev	.00259	.0123	.00006	.00187	.00106	.0013	.00122	.0365
%RSD	.37756	.83018	23.920	203.06	18.749	2.596	.52809	.96242

#1	.68772	1.4922	.00019	-.00037	.00466	.0512	.23069	3.8328
#2	.68255	1.4938	.00027	-.00300	.00555	.0506	.23005	3.7599
#3	.68517	1.4717	.00031	.00061	.00677	.0487	.23241	3.8010

Sample Name: J6518-03 Acquired: 12/21/2018 22:31:50 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 337-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.28585
Stddev	.46376
%RSD	162.24

#1	.50778
#2	-.24717
#3	.59694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.7	42885.	4383.2	97.030	3461.0
Stddev	33.5	94.	37.2	2.799	36.4
%RSD	1.0347	.21934	.84815	2.8846	1.0526

#1	3215.1	42843.	4375.6	97.014	3430.5
#2	3228.3	42819.	4350.5	94.239	3451.0
#3	3278.7	42993.	4423.6	99.836	3501.3

Sample Name: J6520-04 Acquired: 12/21/2018 22:36:04 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLLOFF-165 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	-.00265	.00440	.00187	-.00112	.10339	.12526	-.00004
Stddev	.00222	.00066	.00046	.00209	.00155	.01434	.00026	.00005
%RSD	60.830	24.933	10.332	111.98	138.89	13.875	.21019	119.72

#1	-.00187	-.00340	.00391	.00231	.00067	.08821	.12551	.00002
#2	-.00293	-.00215	.00481	-.00041	-.00192	.11672	.12529	-.00007
#3	-.00613	-.00240	.00449	.00370	-.00210	.10523	.12499	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	21.546	.00112	.00188	.01361	.06740	.13892	1.8889
Stddev	.00011	.072	.00018	.00020	.00049	.00690	.00039	.0377
%RSD	74.481	.33620	16.325	10.498	3.6327	10.233	.27879	1.9983

#1	.00003	21.608	.00132	.00201	.01408	.06086	.13928	1.9271
#2	.00024	21.563	.00096	.00197	.01366	.06675	.13898	1.8517
#3	.00019	21.466	.00107	.00165	.01310	.07461	.13851	1.8879

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00873	-.00024	350.64	.00095	.29389	.87643	.00010	.00748
Stddev	.00033	.00059	1.88	.00044	.00158	.02941	.00035	.00261
%RSD	3.7696	251.49	.53492	46.535	.53599	3.3558	355.44	34.924

#1	.00866	.00015	352.72	.00051	.29398	.88017	-.00018	.01045
#2	.00909	.00007	349.08	.00140	.29226	.84533	.00050	.00557
#3	.00844	-.00092	350.12	.00096	.29541	.90380	-.00002	.00641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08417	.88268	-.00013	.00174	.00329	.0215	.08904	3.3265
Stddev	.00221	.00869	.00081	.00179	.00090	.0005	.00052	.1965
%RSD	2.6268	.98397	604.64	103.12	27.352	2.443	.58190	5.9056

#1	.08348	.89211	-.00102	.00204	.00247	.0221	.08958	3.3475
#2	.08664	.88092	.00056	.00335	.00315	.0212	.08899	3.1203
#3	.08238	.87501	.00006	-.00019	.00425	.0211	.08854	3.5115

Sample Name: J6520-04 Acquired: 12/21/2018 22:36:04 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ROLLOFF-165 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .51773
Stddev .62510
%RSD 120.74

#1 1.0029
#2 .73803
#3 -.18770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.6	43406.	4421.4	99.292	3512.0
Stddev	26.0	166.	30.5	.173	26.9
%RSD	.79168	.38284	.69064	.17386	.76707

#1	3265.6	43229.	4389.2	99.177	3493.7
#2	3269.7	43560.	4425.0	99.491	3499.4
#3	3312.5	43428.	4450.0	99.209	3543.0

Sample Name: CCV11 Acquired: 12/21/2018 22:40:19 Type: Unk
Method: P4-ICP2(v2678) 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	5.1425	5.1720	5.1579	5.1056	5.0366	10.209	10.444	.25544
Stddev	.0202	.0055	.0116	.0077	.0083	.124	.141	.00070
%RSD	.39227	.10671	.22435	.15033	.16424	1.2167	1.3499	.27318
#1	5.1643	5.1759	5.1530	5.1140	5.0443	10.098	10.521	.25589
#2	5.1386	5.1657	5.1495	5.0990	5.0377	10.185	10.529	.25579
#3	5.1245	5.1743	5.1711	5.1038	5.0279	10.343	10.281	.25464
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5449	27.443	1.0601	2.5211	1.2951	5.2756	2.5927	27.058
Stddev	.0036	.155	.0047	.0027	.0034	.0731	.0108	.047
%RSD	.14038	.56526	.44303	.10773	.26342	1.3852	.41812	.17393
#1	2.5469	27.464	1.0597	2.5222	1.2981	5.1960	2.5922	27.108
#2	2.5408	27.587	1.0650	2.5180	1.2959	5.2912	2.6037	27.014
#3	2.5471	27.279	1.0556	2.5231	1.2914	5.3397	2.5821	27.051
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5705	1.3286	25.706	2.6105	2.6593	26.265	5.2435	5.3468
Stddev	.0035	.0059	.362	.0079	.0433	.343	.0096	.0126
%RSD	.13676	.44708	1.4096	.30217	1.6297	1.3050	.18352	.23610
#1	2.5699	1.3294	25.907	2.6147	2.6481	26.509	5.2539	5.3569
#2	2.5673	1.3341	25.924	2.6154	2.7072	26.412	5.2417	5.3327
#3	2.5743	1.3223	25.288	2.6014	2.6227	25.873	5.2349	5.3510
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1319	5.3744	5.2263	5.2592	5.2109	5.211	5.2993	F 2.8262
Stddev	.0222	.0878	.0055	.0219	.0670	.008	.0765	.1175
%RSD	.43242	1.6331	.10547	.41571	1.2864	.1543	1.4432	4.1561
#1	5.1256	5.4158	5.2326	5.2837	5.2478	5.206	5.3417	2.8252
#2	5.1136	5.4339	5.2234	5.2416	5.2515	5.205	5.3451	2.9442
#3	5.1566	5.2736	5.2227	5.2524	5.1336	5.220	5.2110	2.7093

Sample Name: CCV11 Acquired: 12/21/2018 22:40:19 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7621
Stddev	.2525
%RSD	9.1429

#1	2.9688
#2	2.8367
#3	2.4806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.6	45365.	4441.5	98.271	3613.3
Stddev	7.2	247.	84.1	1.618	1.2
%RSD	.21269	.54400	1.8946	1.6462	.03385

#1	3383.3	45368.	4400.2	98.716	3613.4
#2	3388.0	45116.	4386.0	96.477	3614.4
#3	3397.5	45610.	4538.3	99.620	3611.9

Sample Name: CCB11 Acquired: 12/21/2018 22:43:59 Type: Unk
Method: P4-ICP2(v2678) 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	-.00001	.00076	-.00044	.00028	.00056	-.00325	.00165	.00001
Stddev	.00110	.00079	.00063	.00106	.00057	.01242	.00057	.00004
%RSD	8659.3	104.11	145.01	385.12	101.61	381.99	34.360	303.67
#1	.00123	.00152	.00029	.00068	.00097	-.00557	.00109	-.00004
#2	-.00086	.00083	-.00084	-.00093	.00080	-.01434	.00222	.00005
#3	-.00041	-.00006	-.00076	.00108	-.00009	.01016	.00165	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00106	-.00003	-.00003	-.00080	.01264	-.00004	.02275
Stddev	.00012	.00616	.00046	.00017	.00017	.00227	.00006	.01336
%RSD	335.36	582.13	1341.6	536.46	21.427	17.935	156.84	58.721
#1	.00004	-.00469	.00045	-.00005	-.00076	.01242	-.00009	.02497
#2	-.00008	.00031	-.00009	-.00019	-.00099	.01501	.00002	.03485
#3	.00015	.00756	-.00046	.00014	-.00065	.01050	-.00003	.00842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00022	.12692	-.00013	-.00008	-.00009	.00003	.00439
Stddev	.00007	.00018	.00325	.00028	.00005	.03086	.00012	.00792
%RSD	86.379	82.732	2.5575	212.65	59.546	34850.	393.41	180.25
#1	-.00014	.00026	.12546	.00009	-.00010	.02100	.00017	.00583
#2	-.00010	.00002	.12466	-.00004	-.00002	.01425	-.00002	.01150
#3	-.00000	.00037	.13064	-.00044	-.00011	-.03551	-.00006	-.00415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00366	.00018	-.00046	.00180	.00108	.0008	.00001	F 1.3741
Stddev	.00434	.00193	.00014	.00211	.00061	.0006	.00010	.1976
%RSD	118.61	1090.4	29.823	117.61	57.060	74.25	1277.6	14.381
#1	-.00146	-.00173	-.00034	-.00025	.00046	.0001	.00008	1.4099
#2	-.00086	.00213	-.00043	.00397	.00169	.0013	-.00010	1.5514
#3	-.00866	.00013	-.00061	.00166	.00108	.0010	.00004	1.1610

Sample Name: CCB11 Acquired: 12/21/2018 22:43:59 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .16490
Stddev	.41865
%RSD	253.87

#1	.00111
#2	-.14709
#3	.64069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.1	47205.	4444.2	101.21	4045.6
Stddev	7.1	117.	59.3	2.87	17.0
%RSD	.20255	.24820	1.3337	2.8333	.42085

#1	3507.1	47191.	4509.9	104.49	4064.7
#2	3520.7	47095.	4427.7	99.968	4039.8
#3	3517.6	47328.	4394.9	99.168	4032.1

Sample Name: J6502-01 Acquired: 12/21/2018 22:48:10 Type: Unk
Method: P4-ICP2(v2678) 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	-.00074	-.00331	.00167	.00263	-.00221	-.06569	.02390	.00001
Stddev	.00163	.00049	.00120	.00201	.00231	.02004	.00055	.00004
%RSD	219.69	14.936	71.522	76.311	104.55	30.503	2.3198	288.38
#1	-.00260	-.00371	.00299	.00458	-.00146	-.08870	.02404	.00005
#2	.00000	-.00346	.00139	.00057	-.00480	-.05209	.02329	.00002
#3	.00038	-.00276	.00064	.00274	-.00037	-.05628	.02438	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	98.341	-.00093	-.00035	-.00051	-.01507	.00764	258.35
Stddev	.00009	1.297	.00014	.00011	.00015	.00273	.00009	4.07
%RSD	64.068	1.3192	14.671	31.067	29.842	18.131	1.1311	1.5765
#1	-.00004	99.790	-.00093	-.00045	-.00042	-.01645	.00760	263.01
#2	-.00023	97.288	-.00107	-.00024	-.00043	-.01193	.00758	256.56
#3	-.00017	97.946	-.00079	-.00035	-.00069	-.01685	.00774	255.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00462	-.00072	F 1838.9	.00083	.00076	84.592	.00197	.83088
Stddev	.00008	.00021	53.0	.00071	.00014	1.018	.00019	.01372
%RSD	1.7405	29.881	2.8814	85.565	18.291	1.2035	9.4466	1.6517
#1	-.00466	-.00093	1898.9	.00082	.00081	85.746	.00184	.82552
#2	-.00452	-.00050	1819.0	.00013	.00060	83.820	.00189	.82064
#3	-.00466	-.00073	1798.7	.00155	.00086	84.212	.00218	.84647
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 188.49	2.0361	-.07038	-.00214	.03566	.0451	1.4804	6.3218
Stddev	1.28	.0230	.00069	.00232	.00058	.0008	.0216	.0623
%RSD	.68053	1.1311	.98675	108.31	1.6381	1.830	1.4621	.98517
#1	189.55	2.0558	-.07055	-.00388	.03538	.0456	1.5036	6.3937
#2	188.86	2.0108	-.06962	-.00303	.03526	.0455	1.4608	6.2877
#3	187.06	2.0418	-.07098	.00049	.03633	.0441	1.4767	6.2841

Sample Name: J6502-01 Acquired: 12/21/2018 22:48:10 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6761
Stddev	.1043
%RSD	6.2204

#1	1.6895
#2	1.7730
#3	1.5658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.0	37592.	4149.5	93.303	2918.1
Stddev	24.2	84.	48.6	1.300	25.2
%RSD	.82977	.22237	1.1711	1.3929	.86486

#1	2890.5	37495.	4094.9	92.839	2900.3
#2	2904.9	37635.	4188.0	94.771	2907.0
#3	2937.6	37645.	4165.6	92.299	2947.0

Sample Name: J6502-02 Acquired: 12/21/2018 22:52:25 Type: Unk
Method: P4-ICP2(v2678) 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	-.00399	.00259	.00226	-.00235	-.06034	.02457	-.00006
Stddev	.00026	.00074	.00076	.00223	.00205	.00500	.00084	.00009
%RSD	148.61	18.483	29.354	98.531	87.244	8.2887	3.4086	134.54
#1	-.00046	-.00407	.00244	-.00031	-.00048	-.05601	.02370	-.00003
#2	-.00010	-.00322	.00341	.00344	-.00203	-.05921	.02463	-.00016
#3	.00004	-.00469	.00191	.00365	-.00455	-.06581	.02538	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	97.009	-.00122	-.00030	-.00057	-.02688	.00758	255.54
Stddev	.00006	.609	.00048	.00024	.00033	.00846	.00005	.31
%RSD	28.850	.62766	39.001	77.508	59.089	31.481	.63189	.12265
#1	-.00027	96.317	-.00176	-.00052	-.00040	-.01719	.00761	255.18
#2	-.00015	97.245	-.00086	-.00034	-.00095	-.03279	.00761	255.70
#3	-.00022	97.464	-.00104	-.00005	-.00035	-.03066	.00753	255.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00478	-.00006	1725.4	.00115	.00128	84.107	.00183	.82073
Stddev	.00022	.00036	27.0	.00014	.00014	.447	.00011	.02103
%RSD	4.6300	566.55	1.5625	11.977	11.026	.53149	6.1340	2.5629
#1	-.00488	-.00045	1754.1	.00114	.00112	83.776	.00194	.80176
#2	-.00453	.00027	1700.5	.00101	.00136	83.931	.00172	.81709
#3	-.00494	-.00002	1721.7	.00129	.00138	84.616	.00184	.84335
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 188.59	2.0682	-.07015	-.00248	.03584	.0436	1.4568	6.2532
Stddev	.68	.0144	.00078	.00028	.00138	.0001	.0067	.2798
%RSD	.35834	.69669	1.1101	11.146	3.8542	.2527	.45814	4.4753
#1	187.82	2.0519	-.06962	-.00217	.03498	.0436	1.4501	6.5763
#2	189.11	2.0791	-.06980	-.00270	.03510	.0434	1.4567	6.0981
#3	188.83	2.0736	-.07105	-.00257	.03743	.0436	1.4635	6.0852

Sample Name: J6502-02 Acquired: 12/21/2018 22:52:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4238
Stddev	.3560
%RSD	25.001

#1	1.1448
#2	1.8247
#3	1.3019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.3	37874.	4157.9	93.433	2903.1
Stddev	12.1	318.	28.6	.743	14.1
%RSD	.41768	.83996	.68688	.79575	.48626

#1	2914.8	37507.	4184.5	93.949	2918.2
#2	2891.5	38055.	4161.4	92.581	2890.3
#3	2897.6	38060.	4127.7	93.770	2900.9

Sample Name: J6502-02DUP Acquired: 12/21/2018 22:56:39 Type: Unk
Method: P4-ICP2(v2678) 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	-.00073	-.00209	.00184	.00402	-.00209	-.04091	.02254	.00006
Stddev	.00448	.00044	.00078	.00282	.00115	.01898	.00032	.00001
%RSD	610.05	21.223	42.607	70.223	55.111	46.386	1.4168	9.2153
#1	-.00228	-.00259	.00192	.00683	-.00160	-.05348	.02227	.00007
#2	-.00424	-.00178	.00102	.00405	-.00341	-.05017	.02245	.00006
#3	.00432	-.00189	.00258	.00118	-.00127	-.01908	.02289	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	93.601	-.00113	-.00054	-.00041	-.01157	.00728	245.24
Stddev	.00009	.420	.00014	.00005	.00054	.01045	.00008	.88
%RSD	39.507	.44917	12.298	8.8364	133.11	90.301	1.1133	.36022
#1	-.00013	93.148	-.00128	-.00048	-.00085	-.02364	.00733	244.26
#2	-.00031	93.676	-.00112	-.00057	.00020	-.00581	.00719	245.98
#3	-.00024	93.979	-.00100	-.00055	-.00056	-.00527	.00733	245.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	-.00020	1610.2	.00128	.00130	81.668	.00184	.78481
Stddev	.00044	.00045	11.2	.00029	.00007	.310	.00007	.01372
%RSD	11.005	228.98	.69712	22.692	5.4433	.37995	4.0642	1.7476
#1	-.00353	-.00072	1623.2	.00106	.00129	81.310	.00190	.77595
#2	-.00436	.00000	1603.5	.00161	.00138	81.854	.00176	.77787
#3	-.00421	.00012	1604.1	.00117	.00124	81.840	.00187	.80061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 180.85	1.9719	-.06698	-.00134	.03415	.0431	1.4095	5.6736
Stddev	1.23	.0112	.00066	.00080	.00074	.0023	.0040	.0848
%RSD	.68172	.56639	.98031	59.397	2.1626	5.232	.28196	1.4941
#1	181.81	1.9591	-.06634	-.00224	.03331	.0431	1.4054	5.5859
#2	181.29	1.9771	-.06696	-.00107	.03444	.0453	1.4133	5.6798
#3	179.46	1.9795	-.06765	-.00071	.03470	.0408	1.4100	5.7551

Sample Name: J6502-02DUP Acquired: 12/21/2018 22:56:39 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.99111
Stddev	.36754
%RSD	37.084

#1	.58641
#2	1.0828
#3	1.3041

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.3	39010.	4304.2	93.929	3015.9
Stddev	10.6	13.	16.6	.416	16.4
%RSD	.35215	.03427	.38675	.44262	.54231

#1	2999.4	39022.	4321.7	94.379	3010.7
#2	2999.0	39012.	4302.1	93.559	3002.8
#3	3017.5	38996.	4288.6	93.849	3034.2

Sample Name: J6502-02LX5 Acquired: 12/21/2018 23:00:53 Type: Unk
Method: P4-ICP2(v2678) 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	-.00073	-.00009	.00054	-.00046	-.00173	-.01412	.00579	.00004
Stddev	.00277	.00137	.00030	.00246	.00127	.01019	.00035	.00005
%RSD	380.15	1609.8	55.334	532.69	73.347	72.196	6.1102	145.90
#1	.00101	.00007	.00078	-.00218	-.00051	-.00236	.00617	.00009
#2	-.00392	-.00153	.00062	.00235	-.00164	-.01953	.00548	-.00001
#3	.00073	.00120	.00021	-.00156	-.00304	-.02045	.00572	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	19.819	-.00016	-.00000	-.00086	.00298	.00142	50.217
Stddev	.00003	.145	.00010	.00014	.00035	.00219	.00003	.272
%RSD	30.093	.73346	60.129	11623.	40.327	73.583	1.8914	.54105
#1	-.00007	19.674	-.00023	.00005	-.00111	.00183	.00140	49.952
#2	-.00012	19.965	-.00005	-.00015	-.00047	.00551	.00145	50.204
#3	-.00008	19.817	-.00021	.00010	-.00101	.00160	.00140	50.495
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00000	316.03	.00056	.00018	16.945	.00031	.16223
Stddev	.00018	.00013	10.18	.00042	.00008	.065	.00028	.00616
%RSD	8.3233	3154.2	3.2219	74.063	46.204	.38093	90.858	3.7981
#1	-.00223	.00015	305.38	.00085	.00009	16.874	.00059	.15524
#2	-.00229	-.00005	317.02	.00076	.00020	17.000	.00004	.16686
#3	-.00195	-.00011	325.67	.00008	.00025	16.962	.00029	.16459
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.102	.41811	-.01315	.00102	.02114	.0071	.29123	3.3778
Stddev	.161	.00319	.00090	.00072	.00267	.0004	.00150	.3094
%RSD	.47352	.76215	6.8636	70.982	12.610	5.440	.51617	9.1608
#1	34.282	.41446	-.01261	.00119	.01815	.0071	.28960	3.7244
#2	33.970	.42033	-.01264	.00023	.02199	.0067	.29152	3.2801
#3	34.055	.41954	-.01419	.00164	.02328	.0074	.29257	3.1291

Sample Name: J6502-02LX5 Acquired: 12/21/2018 23:00:53 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.47999
Stddev	.69778
%RSD	145.38

#1	1.0057
#2	-.31166
#3	.74590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.2	43484.	4422.1	101.01	3479.0
Stddev	13.6	215.	7.3	.33	11.9
%RSD	.41205	.49498	.16563	.32225	.34224

#1	3281.1	43236.	4428.7	100.71	3465.8
#2	3296.4	43588.	4414.2	100.97	3482.4
#3	3308.2	43627.	4423.2	101.36	3488.9

Sample Name: J6502-02MS Acquired: 12/21/2018 23:05:08 Type: Unk
Method: P4-ICP2(v2678) 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	.95256	2.0769	1.1047	2.3532	.91844	2.4377	.25003	.25152
Stddev	.01332	.0153	.0098	.0174	.01183	.0222	.00169	.00074
%RSD	1.3986	.73574	.89114	.74069	1.2879	.91254	.67564	.29433
#1	.94667	2.0623	1.0978	2.3441	.91257	2.4307	.25198	.25089
#2	.96781	2.0928	1.1159	2.3733	.93206	2.4199	.24910	.25133
#3	.94319	2.0756	1.1002	2.3421	.91069	2.4626	.24901	.25233
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22437	95.784	.45711	.22639	.32095	3.2883	.23218	250.99
Stddev	.00238	.804	.00130	.00247	.00344	.0413	.00023	2.50
%RSD	1.0613	.83913	.28436	1.0905	1.0727	1.2570	.09787	.99677
#1	.22291	96.079	.45723	.22558	.31860	3.3333	.23241	251.21
#2	.22712	96.398	.45576	.22917	.32490	3.2798	.23195	253.38
#3	.22308	94.874	.45835	.22443	.31935	3.2519	.23219	248.39
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56590	.09415	1702.8	.35390	.22439	94.774	.45332	1.1288
Stddev	.00542	.00038	30.4	.00058	.00147	.649	.00435	.0037
%RSD	.95733	.40022	1.7871	.16346	.65484	.68530	.95917	.32989
#1	.56371	.09453	1719.5	.35431	.22397	94.733	.45078	1.1320
#2	.57207	.09378	1721.3	.35323	.22602	95.444	.45834	1.1247
#3	.56192	.09412	1667.7	.35414	.22318	94.147	.45084	1.1295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 188.18	3.0218	.73911	.21200	.27503	7.750	1.6350	5.6246
Stddev	1.71	.0346	.00775	.00098	.00171	.079	.0136	.1486
%RSD	.90935	1.1462	1.0490	.46305	.62145	1.013	.83200	2.6422
#1	186.42	3.0047	.73560	.21313	.27700	7.714	1.6409	5.5091
#2	189.84	3.0617	.74800	.21153	.27417	7.840	1.6448	5.5724
#3	188.26	2.9991	.73373	.21134	.27392	7.696	1.6195	5.7923

Sample Name: J6502-02MS Acquired: 12/21/2018 23:05:08 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.43623
Stddev	.25395
%RSD	58.215

#1	.45378
#2	.68096
#3	.17396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.9	39003.	4319.6	97.716	2973.9
Stddev	23.4	72.	46.9	.548	23.0
%RSD	.78035	.18360	1.0867	.56081	.77209

#1	3018.4	39015.	4352.3	97.698	2989.9
#2	2975.1	39068.	4265.8	97.178	2947.6
#3	3012.2	38926.	4340.6	98.273	2984.2

Sample Name: J6502-02MSD Acquired: 12/21/2018 23:09:05 Type: Unk
Method: P4-ICP2(v2678) 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	.94691	2.0636	1.0978	2.3359	.91264	2.4466	.25607	.25395
Stddev	.00657	.0159	.0132	.0042	.00336	.0166	.00204	.00051
%RSD	.69400	.77062	1.2000	.18054	.36832	.67723	.79776	.19990
#1	.95441	2.0781	1.1078	2.3352	.91618	2.4277	.25745	.25371
#2	.94415	2.0661	1.1026	2.3405	.91226	2.4586	.25703	.25454
#3	.94217	2.0466	1.0829	2.3321	.90949	2.4534	.25372	.25362
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22278	98.374	.46013	.22340	.31935	3.3384	.23414	257.29
Stddev	.00186	.925	.00174	.00178	.00202	.0582	.00055	2.42
%RSD	.83625	.94077	.37726	.79596	.63280	1.7434	.23654	.94005
#1	.22436	98.896	.46036	.22439	.32105	3.3319	.23440	257.77
#2	.22326	98.920	.46174	.22446	.31988	3.3996	.23452	259.43
#3	.22072	97.305	.45829	.22134	.31712	3.2837	.23351	254.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56220	.09442	1674.1	.35643	.22936	97.704	.45074	1.1477
Stddev	.00459	.00032	40.5	.00056	.00537	.747	.00313	.0058
%RSD	.81711	.34033	2.4185	.15649	2.3427	.76460	.69463	.50235
#1	.56631	.09407	1720.4	.35605	.23103	97.678	.45343	1.1513
#2	.56306	.09450	1656.5	.35707	.23370	98.463	.45150	1.1507
#3	.55724	.09470	1645.4	.35616	.22335	96.970	.44730	1.1410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 186.91	3.1322	.73424	.21576	.28015	7.707	1.6814	5.8837
Stddev	1.36	.0419	.00643	.00132	.00074	.050	.0174	.0719
%RSD	.72536	1.3373	.87612	.61181	.26380	.6433	1.0329	1.2218
#1	188.26	3.1679	.73981	.21437	.28078	7.754	1.6862	5.8014
#2	186.92	3.1426	.73571	.21592	.27934	7.710	1.6958	5.9151
#3	185.55	3.0861	.72720	.21700	.28033	7.655	1.6621	5.9346

Sample Name: J6502-02MSD Acquired: 12/21/2018 23:09:05 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.48644
Stddev	.29277
%RSD	60.187

#1	.71041
#2	.59376
#3	.15515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3002.8	38646.	4190.1	95.019	2978.0
Stddev	23.2	116.	35.3	2.161	26.3
%RSD	.77153	.30142	.84182	2.2741	.88306

#1	2979.6	38601.	4161.8	94.108	2952.7
#2	3002.9	38558.	4179.0	93.463	2976.2
#3	3025.9	38778.	4229.6	97.487	3005.2

Sample Name: J6502-02A Acquired: 12/21/2018 23:13:00 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7834 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94933	2.0645	1.0974	2.3424	.91716	2.4163	.25239	.25186
Stddev	.01843	.0338	.0189	.0370	.02037	.0144	.00144	.00043
%RSD	1.9414	1.6393	1.7197	1.5797	2.2208	.59817	.57142	.17250
#1	.94398	2.0606	1.0986	2.3382	.91466	2.4311	.25167	.25220
#2	.96985	2.1001	1.1157	2.3813	.93866	2.4022	.25144	.25202
#3	.93417	2.0328	1.0780	2.3077	.89815	2.4155	.25405	.25137
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22294	97.661	.45568	.22415	.32004	3.3355	.23232	256.62
Stddev	.00391	.842	.00129	.00334	.00500	.0377	.00040	1.08
%RSD	1.7542	.86173	.28386	1.4895	1.5624	1.1291	.17308	.41895
#1	.22229	96.693	.45429	.22399	.31938	3.3626	.23259	255.43
#2	.22714	98.218	.45684	.22756	.32534	3.2925	.23251	257.51
#3	.21940	98.071	.45592	.22089	.31541	3.3513	.23186	256.93
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56248	.09434	1659.1	.35496	.22886	97.739	.45181	1.1331
Stddev	.01059	.00040	19.4	.00186	.00318	.486	.00747	.0121
%RSD	1.8822	.42701	1.1676	.52414	1.3884	.49696	1.6538	1.0726
#1	.56158	.09414	1681.5	.35629	.23051	97.187	.44963	1.1422
#2	.57349	.09481	1647.2	.35575	.22520	97.925	.46012	1.1193
#3	.55238	.09408	1648.7	.35283	.23088	98.104	.44566	1.1378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 187.72	3.1164	.73441	.21539	.27795	7.729	1.6669	5.4989
Stddev	3.80	.0222	.01276	.00194	.00089	.138	.0087	.0567
%RSD	2.0234	.71343	1.7377	.90063	.31907	1.783	.52059	1.0315
#1	187.16	3.0908	.73371	.21684	.27738	7.696	1.6571	5.4611
#2	191.77	3.1303	.74751	.21614	.27751	7.881	1.6703	5.4715
#3	184.23	3.1282	.72202	.21319	.27897	7.612	1.6734	5.5641

Sample Name: J6502-02A Acquired: 12/21/2018 23:13:00 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7834 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.98826
Stddev	.20658
%RSD	20.903

#1	.76048
#2	1.0408
#3	1.1635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.2	39027.	4213.5	95.402	2980.7
Stddev	51.4	47.	24.6	1.366	51.2
%RSD	1.7111	.12169	.58491	1.4319	1.7169

#1	3017.9	39051.	4238.8	94.826	2990.7
#2	2948.6	39057.	4212.0	96.962	2925.3
#3	3049.1	38972.	4189.6	94.419	3026.2

Sample Name: J6502-03 Acquired: 12/21/2018 23:16:56 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7834 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	-.00186	.00278	.00446	-.00160	-.05959	.02067	.00006
Stddev	.00118	.00121	.00166	.00140	.00147	.00765	.00033	.00003
%RSD	224.41	65.183	59.530	31.264	91.792	12.845	1.5889	57.550
#1	.00043	-.00067	.00328	.00570	-.00328	-.05625	.02061	.00007
#2	-.00184	-.00180	.00414	.00474	-.00084	-.06835	.02038	.00009
#3	-.00017	-.00309	.00094	.00295	-.00067	-.05418	.02103	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	97.156	-.00117	-.00010	-.00058	-.01031	.00788	258.06
Stddev	.00012	.246	.00037	.00014	.00049	.01038	.00012	.41
%RSD	37.060	.25354	32.099	145.39	83.926	100.67	1.5788	.16044
#1	-.00043	97.056	-.00116	-.00024	-.00074	-.01622	.00775	258.42
#2	-.00036	97.436	-.00080	-.00008	-.00003	.00167	.00799	258.15
#3	-.00019	96.975	-.00155	.00004	-.00097	-.01638	.00791	257.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	-.00015	1680.0	.00073	.00086	87.614	.00200	.83735
Stddev	.00029	.00041	25.0	.00020	.00001	.370	.00013	.01588
%RSD	6.8016	274.59	1.4873	26.668	1.5754	.42221	6.4214	1.8962
#1	-.00399	.00029	1704.7	.00083	.00087	87.232	.00185	.85553
#2	-.00445	-.00052	1680.6	.00086	.00085	87.970	.00205	.83034
#3	-.00454	-.00022	1654.8	.00051	.00085	87.641	.00209	.82618
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 196.08	1.9650	-.07309	-.00212	.03419	.0468	1.4825	5.7152
Stddev	1.73	.0154	.00010	.00123	.00072	.0028	.0068	.1392
%RSD	.88234	.78479	.13948	57.988	2.1107	5.938	.45670	2.4353
#1	194.46	1.9566	-.07307	-.00096	.03458	.0482	1.4774	5.6302
#2	195.89	1.9828	-.07300	-.00198	.03336	.0486	1.4901	5.8758
#3	197.90	1.9556	-.07320	-.00341	.03463	.0436	1.4798	5.6396

Sample Name: J6502-03 Acquired: 12/21/2018 23:16:56 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7834 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4757
Stddev	.3521
%RSD	23.862

#1	1.4147
#2	1.8544
#3	1.1581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.9	38770.	4317.1	96.582	2940.4
Stddev	20.1	181.	20.7	2.165	18.7
%RSD	.68433	.46675	.48024	2.2415	.63445

#1	2958.5	38841.	4312.8	95.220	2960.0
#2	2929.1	38565.	4298.9	95.449	2938.3
#3	2920.0	38905.	4339.7	99.078	2922.8

Sample Name: J6502-04 Acquired: 12/21/2018 23:21:10 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14399 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00306	.00006	.00439	-.00288	-.03855	.02217	-.00000
Stddev	.00074	.00095	.00204	.00313	.00041	.00896	.00099	.00002
%RSD	82.059	31.101	3236.4	71.141	14.107	23.237	4.4534	1179.5
#1	.00174	-.00236	-.00228	.00396	-.00242	-.02821	.02107	-.00000
#2	.00036	-.00267	.00133	.00771	-.00320	-.04409	.02298	.00002
#3	.00060	-.00414	.00114	.00151	-.00303	-.04334	.02246	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	89.695	-.00107	-.00042	-.00047	-.00934	.00757	232.34
Stddev	.00006	.149	.00039	.00015	.00048	.00399	.00002	.16
%RSD	27.354	.16629	36.360	34.444	103.72	42.729	.25950	.06871
#1	-.00028	89.569	-.00124	-.00034	-.00078	-.01200	.00758	232.51
#2	-.00017	89.860	-.00135	-.00035	-.00071	-.00475	.00758	232.32
#3	-.00019	89.656	-.00063	-.00059	.00009	-.01127	.00755	232.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	-.00018	1548.6	.00127	.00043	78.506	.00183	.75431
Stddev	.00011	.00039	22.8	.00050	.00014	.083	.00019	.01174
%RSD	2.4594	212.50	1.4715	39.847	32.569	.10615	10.133	1.5563
#1	-.00442	-.00044	1562.0	.00133	.00027	78.410	.00204	.76787
#2	-.00423	.00027	1561.6	.00073	.00051	78.551	.00174	.74731
#3	-.00426	-.00037	1522.3	.00173	.00052	78.556	.00170	.74776
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 172.09	1.9963	-.06466	-.00128	.03076	.0434	1.3388	5.6869
Stddev	1.92	.0236	.00079	.00134	.00058	.0017	.0029	.1098
%RSD	1.1137	1.1810	1.2290	104.63	1.8949	3.868	.21451	1.9314
#1	171.09	2.0149	-.06535	-.00145	.03109	.0433	1.3403	5.7814
#2	170.89	1.9697	-.06379	-.00254	.03111	.0418	1.3407	5.7128
#3	174.30	2.0042	-.06484	.00013	.03009	.0451	1.3355	5.5664

Sample Name: J6502-04 Acquired: 12/21/2018 23:21:10 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14399 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1116
Stddev	.2403
%RSD	21.618

#1	.97601
#2	1.3890
#3	.96967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2963.4	38596.	4294.6	96.856	2986.9
Stddev	37.0	178.	17.3	.562	35.6
%RSD	1.2485	.46038	.40399	.58000	1.1915

#1	2979.3	38509.	4276.0	97.500	3003.4
#2	2989.8	38478.	4310.4	96.465	3011.2
#3	2921.1	38800.	4297.4	96.603	2946.0

Sample Name: J6162-26 Acquired: 12/21/2018 23:25:25 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14399 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34406	-.00638	.20589	.02044	-.00535	41.600	.18895	.00579
Stddev	.00315	.00129	.00102	.00456	.00165	.115	.00174	.00017
%RSD	.91557	20.200	.49602	22.313	30.887	.27637	.92070	2.9562
#1	.34556	-.00596	.20544	.02404	-.00505	41.605	.19055	.00586
#2	.34044	-.00535	.20517	.01531	-.00387	41.482	.18710	.00591
#3	.34618	-.00782	.20706	.02197	-.00713	41.712	.18921	.00559
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	284.90	.11495	.09530	.43785	119.99	5.2482	80.622
Stddev	.00015	2.49	.00133	.00032	.00145	.75	.0351	.446
%RSD	6.9270	.87432	1.1528	.33129	.33162	.62506	.66903	.55359
#1	-.00238	286.26	.11558	.09509	.43621	120.83	5.2796	80.607
#2	-.00208	282.02	.11583	.09567	.43897	119.40	5.2102	80.183
#3	-.00216	286.40	.11342	.09515	.43836	119.73	5.2547	81.075
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07604	.00074	17.645	.18203	1.5873	10.477	.00407	1.3149
Stddev	.00037	.00044	.841	.00311	.0229	.087	.00038	.0087
%RSD	.48331	58.798	4.7653	1.7059	1.4429	.83461	9.3893	.66055
#1	.07593	.00073	18.587	.18249	1.6136	10.568	.00383	1.3184
#2	.07645	.00031	17.379	.18488	1.5723	10.393	.00386	1.3050
#3	.07574	.00119	16.970	.17872	1.5759	10.470	.00451	1.3213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2218.0	F 42.958	-.82868	.71618	.04453	7.242	.49158	1.0722
Stddev	1.3	.475	.00026	.00124	.00087	.005	.00470	.2979
%RSD	.05639	1.1068	.03099	.17258	1.9463	.0719	.95674	27.784
#1	2216.6	43.506	-.82854	.71619	.04361	7.241	.49446	1.3412
#2	2218.3	42.652	-.82898	.71741	.04465	7.248	.48616	.75206
#3	2219.0	42.716	-.82853	.71493	.04533	7.237	.49414	1.1232

Sample Name: J6162-26 Acquired: 12/21/2018 23:25:25 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14399 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.805
Stddev	.776
%RSD	3.2618

#1	22.982
#2	24.524
#3	23.908

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.4	47279.	4686.4	92.548	3368.1
Stddev	12.8	441.	62.7	1.586	11.9
%RSD	.36681	.93269	1.3371	1.7136	.35388

#1	3468.4	46772.	4616.3	90.717	3358.7
#2	3471.8	47571.	4736.8	93.442	3364.0
#3	3492.0	47494.	4706.2	93.484	3381.5

Sample Name: CCV12 Acquired: 12/21/2018 23:29:40 Type: Unk
Method: P4-ICP2(v2678) 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	5.1502	5.2014	5.1990	5.1420	5.0545	10.100	10.533	.25612
Stddev	.0066	.0059	.0098	.0059	.0095	.040	.044	.00063
%RSD	.12802	.11292	.18902	.11552	.18788	.39486	.41950	.24686
#1	5.1427	5.1998	5.1941	5.1482	5.0481	10.072	10.506	.25659
#2	5.1551	5.1965	5.1926	5.1415	5.0654	10.083	10.510	.25540
#3	5.1527	5.2079	5.2103	5.1363	5.0500	10.146	10.584	.25638
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5578	27.234	1.0536	2.5345	1.3037	5.3284	2.5898	27.372
Stddev	.0028	.037	.0030	.0031	.0004	.0308	.0032	.083
%RSD	.11060	.13672	.28515	.12076	.03459	.57722	.12200	.30194
#1	2.5610	27.217	1.0510	2.5379	1.3033	5.3247	2.5863	27.412
#2	2.5565	27.208	1.0569	2.5336	1.3038	5.3609	2.5906	27.277
#3	2.5559	27.276	1.0531	2.5319	1.3042	5.2997	2.5925	27.427
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5943	1.3338	25.559	2.6322	2.6706	27.149	5.2871	5.3962
Stddev	.0028	.0053	.220	.0040	.0144	.080	.0059	.0207
%RSD	.10808	.39558	.86185	.15248	.54079	.29561	.11231	.38301
#1	2.5975	1.3278	25.345	2.6295	2.6810	27.086	5.2901	5.4035
#2	2.5929	1.3357	25.549	2.6302	2.6767	27.121	5.2909	5.3729
#3	2.5925	1.3378	25.785	2.6368	2.6541	27.240	5.2802	5.4122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.2106	5.4669	5.2785	5.2756	5.2704	5.240	5.2827	F 2.8781
Stddev	.1466	.0125	.0013	.0162	.0274	.004	.0147	.1598
%RSD	2.3606	.22939	.02493	.30607	.51942	.0802	.27746	5.5537
#1	6.3647	5.4539	5.2783	5.2653	5.2481	5.241	5.2718	2.7061
#2	6.1942	5.4677	5.2773	5.2672	5.2621	5.244	5.2770	3.0221
#3	6.0729	5.4790	5.2799	5.2942	5.3009	5.236	5.2994	2.9060

Sample Name: CCV12 Acquired: 12/21/2018 23:29:40 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6980
Stddev .0731
%RSD 2.7083

#1 2.6217
#2 2.7049
#3 2.7673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.3	44617.	4338.8	96.251	3543.7
Stddev	3.8	101.	2.0	.551	5.7
%RSD	.11448	.22590	.04724	.57214	.16047

#1	3326.0	44711.	4340.8	95.832	3537.1
#2	3328.5	44510.	4339.1	96.048	3546.6
#3	3333.5	44629.	4336.7	96.875	3547.3

Sample Name: CCB12 Acquired: 12/21/2018 23:33:20 Type: Unk
Method: P4-ICP2(v2678) 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	-.00235	.00082	.00116	-.00108	.00018	.00435	.00126
Stddev	.00078	.00091	.00076	.00090	.00169	.00220	.00069
%RSD	33.288	111.67	65.295	83.132	952.67	50.519	54.712

#1	-.00304	.00087	.00114	-.00130	-.00126	.00312	.00150
#2	-.00150	.00170	.00194	-.00009	-.00025	.00304	.00180
#3	-.00252	-.00012	.00042	-.00184	.00204	.00689	.00048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00008	-.01196	-.00023	-.00006	-.00080	.01021
Stddev	.00002	.00011	.00579	.00017	.00022	.00029	.00768
%RSD	364.18	128.68	48.418	73.851	365.63	36.649	75.269

#1	.00003	.00010	-.01864	-.00038	-.00030	-.00091	.01718
#2	-.00002	.00018	-.00834	-.00005	.00014	-.00103	.00197
#3	.00001	-.00003	-.00890	-.00026	-.00002	-.00047	.01147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00318	-.00035	-.00019	F 1.2273	.00003	.00023
Stddev	.00006	.06737	.00057	.00017	.0169	.00005	.00019
%RSD	494.77	2121.6	161.84	88.829	1.3744	195.19	83.820

#1	-.00005	.01096	-.00078	-.00009	1.2341	-.00002	.00040
#2	.00002	-.06775	.00030	-.00039	1.2397	.00002	.00028
#3	.00007	.06631	-.00059	-.00010	1.2081	.00008	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42711	.00038	.00409	F .34776	.00201	-.00007	.00035
Stddev	.01004	.00005	.00744	.02686	.00063	.00100	.00102
%RSD	2.3499	13.196	181.78	7.7223	31.486	1376.3	294.69

#1	.42308	.00033	.00034	.37657	.00260	.00092	.00016
#2	.41972	.00038	.01265	.34329	.00211	-.00005	.00145
#3	.43854	.00043	-.00072	.32342	.00134	-.00109	-.00057

Sample Name: CCB12 Acquired: 12/21/2018 23:33:20 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00539	.0021	-.00002	F .97649	F<.00000
Stddev	.00029	.0008	.00002	.29034	.16220
%RSD	5.3229	37.06	129.58	29.734	184.98

#1	.00506	.0012	-.00000	1.1084	.03652
#2	.00558	.0025	-.00004	1.1775	-.02838
#3	.00554	.0027	-.00001	.64361	-.27119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.4	47190.	4440.2	102.36	4018.0
Stddev	15.0	141.	63.2	2.03	14.6
%RSD	.42750	.29837	1.4237	1.9873	.36249

#1	3517.0	47063.	4379.6	100.40	4003.2
#2	3487.1	47166.	4435.3	102.22	4032.4
#3	3503.1	47341.	4505.7	104.46	4018.5

Sample Name: J6162-26DUP Acquired: 12/21/2018 23:37:31 Type: Unk
Method: P4-ICP2(v2678) 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	.34462	-.00690	.20887	.01950	-.00526	41.347	.18502	.00588
Stddev	.00098	.00118	.00087	.00124	.00318	.127	.00207	.00005
%RSD	.28366	17.134	.41600	6.3787	60.558	.30702	1.1163	.85531
#1	.34509	-.00558	.20869	.01965	-.00167	41.483	.18615	.00586
#2	.34528	-.00726	.20811	.01819	-.00774	41.231	.18626	.00594
#3	.34350	-.00787	.20982	.02067	-.00637	41.329	.18263	.00585
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	279.99	.11313	.09564	.44008	118.11	5.2151	80.246
Stddev	.00026	3.51	.00094	.00029	.00269	2.60	.0085	.654
%RSD	12.263	1.2539	.82803	.30758	.61085	2.2054	.16236	.81482
#1	-.00199	279.46	.11258	.09595	.43828	116.91	5.2248	80.485
#2	-.00238	283.74	.11260	.09536	.43880	121.10	5.2103	80.747
#3	-.00190	276.77	.11421	.09562	.44317	116.32	5.2100	79.507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07597	.00047	14.665	.17885	1.5315	8.9006	.00413	1.3099
Stddev	.00029	.00030	.153	.00011	.0429	.1117	.00005	.0052
%RSD	.38505	63.522	1.0429	.05967	2.8004	1.2548	1.0945	.39992
#1	.07592	.00071	14.762	.17880	1.5120	8.9456	.00416	1.3094
#2	.07571	.00057	14.745	.17898	1.5807	8.9828	.00416	1.3154
#3	.07629	.00014	14.489	.17878	1.5019	8.7735	.00408	1.3050
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2240.6	F 41.974	-.83594	.71050	.03883	7.262	.48157	.59188
Stddev	25.3	.571	.00891	.00379	.00189	.015	.00641	.08124
%RSD	1.1275	1.3597	1.0655	.53279	4.8708	.2050	1.3306	13.725
#1	2214.3	42.030	-.82671	.71425	.03674	7.246	.48382	.65011
#2	2242.9	42.515	-.83661	.71057	.03934	7.275	.48656	.62646
#3	2264.6	41.377	-.84449	.70668	.04042	7.265	.47434	.49908

Sample Name: J6162-26DUP Acquired: 12/21/2018 23:37:31 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.115
Stddev	.593
%RSD	2.4572

#1	24.090
#2	23.535
#3	24.719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.2	48199.	4837.4	96.511	3357.3
Stddev	13.8	163.	63.0	2.438	8.9
%RSD	.39565	.33844	1.3026	2.5262	.26370

#1	3496.7	48011.	4820.1	97.630	3367.0
#2	3480.6	48283.	4784.8	93.715	3355.4
#3	3469.2	48303.	4907.2	98.190	3349.6

Sample Name: J6162-26LX5 Acquired: 12/21/2018 23:41:44 Type: Unk
Method: P4-ICP2(v2678) 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	.07592	-.00186	.04292	.00260	-.00403	8.9387	.04149	.00125
Stddev	.00268	.00084	.00115	.00093	.00070	.2573	.00054	.00002
%RSD	3.5319	45.514	2.6743	35.788	17.450	2.8788	1.2988	1.4041
#1	.07283	-.00189	.04162	.00153	-.00354	8.6801	.04141	.00123
#2	.07751	-.00100	.04382	.00317	-.00483	8.9412	.04206	.00126
#3	.07744	-.00268	.04331	.00310	-.00371	9.1947	.04099	.00126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	62.263	.02527	.01972	.10389	24.446	1.2042	18.356
Stddev	.00003	.424	.00052	.00026	.00072	.154	.0184	.164
%RSD	4.7579	.68136	2.0665	1.3389	.69594	.63153	1.5276	.89461
#1	-.00068	62.664	.02480	.01941	.10317	24.268	1.1885	18.333
#2	-.00064	62.308	.02518	.01989	.10461	24.533	1.1997	18.531
#3	-.00062	61.819	.02584	.01985	.10389	24.537	1.2245	18.205
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01537	-.00062	3.7624	.03933	.32316	2.1320	.00082	.28815
Stddev	.00058	.00021	.0418	.00033	.00111	.0137	.00008	.00875
%RSD	3.8026	33.332	1.1105	.83737	.34468	.64381	10.178	3.0370
#1	.01549	-.00086	3.7569	.03895	.32402	2.1294	.00078	.28836
#2	.01473	-.00052	3.8067	.03947	.32190	2.1468	.00077	.27930
#3	.01588	-.00048	3.7237	.03957	.32357	2.1197	.00092	.29680
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 816.01	9.7946	-.30549	.15473	.01068	1.404	.11051	.59611
Stddev	3.86	.1271	.00180	.00311	.00129	.009	.00103	.49629
%RSD	.47334	1.2972	.58968	2.0079	12.056	.6049	.93194	83.256
#1	811.97	9.9098	-.30357	.15727	.01057	1.395	.11105	.35868
#2	819.67	9.8157	-.30715	.15566	.01202	1.412	.11115	.26313
#3	816.38	9.6583	-.30575	.15127	.00945	1.406	.10932	1.1665

Sample Name: J6162-26LX5 Acquired: 12/21/2018 23:41:44 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.5528
Stddev	.4342
%RSD	7.8192

#1	5.8586
#2	5.0559
#3	5.7441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.5	48846.	4731.1	105.28	3835.3
Stddev	13.7	788.	45.8	.62	21.1
%RSD	.39219	1.6134	.96877	.58498	.55043

#1	3509.2	49481.	4691.3	104.71	3857.0
#2	3482.4	49092.	4720.7	105.93	3814.8
#3	3500.9	47964.	4781.2	105.21	3834.1

Sample Name: J6162-26MS Acquired: 12/21/2018 23:45:46 Type: Unk
Method: P4-ICP2(v2678) 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	.97898	1.6542	1.0088	1.8790	.60750	41.789	.34342	.16074
Stddev	.00677	.0129	.0088	.0090	.00169	.064	.00235	.00105
%RSD	.69197	.78205	.87417	.47989	.27752	.15349	.68398	.65096
#1	.97247	1.6464	1.0079	1.8693	.60933	41.787	.34100	.16192
#2	.98599	1.6692	1.0180	1.8807	.60718	41.726	.34357	.16038
#3	.97848	1.6472	1.0004	1.8871	.60600	41.854	.34569	.15993
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16494	268.88	.42935	.26245	.66095	113.45	5.1996	78.313
Stddev	.00132	.48	.00127	.00183	.00350	2.12	.0516	.524
%RSD	.79811	.17984	.29637	.69875	.53023	1.8729	.99167	.66901
#1	.16446	268.69	.43040	.26101	.66004	111.05	5.2590	77.763
#2	.16643	268.51	.42793	.26451	.66483	114.19	5.1726	78.370
#3	.16393	269.42	.42971	.26182	.65800	115.10	5.1670	78.806
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50757	.05907	16.401	.42273	1.5975	16.875	.32473	1.4739
Stddev	.00342	.00024	.113	.00223	.0216	.130	.00162	.0222
%RSD	.67308	.41011	.69195	.52833	1.3536	.77309	.49835	1.5060
#1	.50588	.05896	16.282	.42224	1.5726	16.727	.32365	1.4498
#2	.51150	.05891	16.413	.42517	1.6092	16.926	.32659	1.4935
#3	.50532	.05935	16.508	.42078	1.6108	16.972	.32395	1.4784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2168.5	F 41.108	-.23118	.83616	.20481	F 12.11	.61529	.82385
Stddev	20.3	.183	.00629	.00822	.00160	.07	.00231	.11981
%RSD	.93403	.44487	2.7203	.98253	.78164	.5704	.37519	14.543
#1	2150.6	40.924	-.22392	.83233	.20372	12.10	.61747	.92313
#2	2190.5	41.109	-.23469	.83056	.20407	12.18	.61287	.85765
#3	2164.5	41.290	-.23493	.84559	.20665	12.05	.61553	.69077

Sample Name: J6162-26MS Acquired: 12/21/2018 23:45:46 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.797
Stddev	.739
%RSD	3.1045

#1	22.971
#2	24.026
#3	24.394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.1	48061.	4888.1	99.365	3394.1
Stddev	17.8	336.	5.8	.949	23.3
%RSD	.50852	.69961	.11967	.95524	.68686

#1	3501.9	47702.	4881.6	100.46	3385.1
#2	3497.9	48113.	4889.9	98.914	3376.5
#3	3530.6	48369.	4892.9	98.725	3420.5

Sample Name: J6162-26MSD Acquired: 12/21/2018 23:49:48 Type: Unk
Method: P4-ICP2(v2678) 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	.95717	1.6325	.99733	1.8302	.59536	40.281	.34340	.15601
Stddev	.01245	.0184	.01177	.0261	.00709	.214	.00179	.00094
%RSD	1.3009	1.1287	1.1802	1.4256	1.1903	.53134	.52222	.60386
#1	.94455	1.6140	.98557	1.8013	.58748	40.475	.34476	.15500
#2	.95752	1.6324	.99732	1.8372	.59742	40.315	.34406	.15686
#3	.96945	1.6509	1.0091	1.8521	.60119	40.051	.34137	.15618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16251	269.11	.41406	.25839	.64893	114.09	5.0848	78.756
Stddev	.00227	1.78	.00241	.00325	.00784	1.46	.0160	.239
%RSD	1.3991	.66071	.58088	1.2561	1.2085	1.2758	.31441	.30400
#1	.16026	267.24	.41160	.25489	.64134	112.76	5.0776	78.640
#2	.16246	270.78	.41641	.25899	.64844	115.65	5.1031	79.032
#3	.16481	269.31	.41416	.26129	.65700	113.88	5.0737	78.597
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49981	.05845	16.468	.41232	1.6086	16.901	.31997	1.4677
Stddev	.00628	.00024	.045	.00472	.0327	.115	.00322	.0098
%RSD	1.2563	.41710	.27106	1.1437	2.0353	.67872	1.0064	.66483
#1	.49363	.05829	16.453	.40765	1.5739	16.846	.31643	1.4567
#2	.49960	.05873	16.518	.41708	1.6390	17.033	.32073	1.4752
#3	.50619	.05833	16.433	.41223	1.6128	16.825	.32274	1.4714
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2167.8	F 41.264	-.23910	.83659	.20464	F 11.88	.61242	.12523
Stddev	15.3	.515	.00602	.00287	.00107	.17	.00188	.06058
%RSD	.70522	1.2470	2.5184	.34262	.52306	1.395	.30635	48.373
#1	2151.1	40.683	-.24107	.83328	.20444	11.71	.61311	.09213
#2	2181.0	41.662	-.24389	.83826	.20580	11.88	.61385	.08841
#3	2171.3	41.448	-.23234	.83823	.20368	12.05	.61029	.19514

Sample Name: J6162-26MSD Acquired: 12/21/2018 23:49:48 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.474
Stddev	.230
%RSD	.97926

#1	23.532
#2	23.221
#3	23.669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.3	49159.	4820.4	97.976	3430.7
Stddev	16.4	131.	36.2	1.686	21.9
%RSD	.46310	.26698	.74999	1.7211	.63963

#1	3560.1	49201.	4860.8	99.636	3451.1
#2	3542.7	49012.	4791.0	96.265	3433.5
#3	3527.3	49264.	4809.3	98.026	3407.5

Sample Name: J6162-26A Acquired: 12/21/2018 23:53:51 Type: Unk
Method: P4-ICP2(v2678) 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	.95168	1.6183	.98764	1.8207	.58982	40.907	.35087	.15831
Stddev	.00528	.0052	.00135	.0164	.00406	.319	.00150	.00130
%RSD	.55475	.32292	.13717	.90013	.68916	.78067	.42810	.82403
#1	.95653	1.6243	.98917	1.8397	.59451	41.275	.34944	.15969
#2	.94605	1.6146	.98715	1.8115	.58744	40.739	.35072	.15815
#3	.95244	1.6161	.98660	1.8111	.58750	40.706	.35244	.15710
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16062	275.55	.42203	.25654	.64499	117.42	5.1665	80.726
Stddev	.00061	1.93	.00394	.00146	.00206	2.26	.0657	.389
%RSD	.37906	.70047	.93274	.56782	.31925	1.9288	1.2707	.48154
#1	.16123	273.65	.42658	.25818	.64737	119.94	5.2335	80.342
#2	.16001	275.50	.41985	.25540	.64371	116.76	5.1023	80.716
#3	.16061	277.51	.41967	.25604	.64390	115.56	5.1637	81.119
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49549	.05983	16.796	.41872	1.6513	17.162	.31927	1.5115
Stddev	.00145	.00100	.079	.00551	.0452	.114	.00130	.0094
%RSD	.29172	1.6680	.47216	1.3171	2.7349	.66309	.40867	.61901
#1	.49716	.06097	16.753	.42422	1.7017	17.058	.32072	1.5198
#2	.49459	.05940	16.747	.41319	1.6376	17.145	.31888	1.5014
#3	.49472	.05912	16.887	.41875	1.6145	17.284	.31820	1.5134
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2168.7	F 42.129	-.24377	.85092	.20833	F 11.79	.62421	.42288
Stddev	19.4	.158	.00729	.00447	.00085	.08	.00448	.40543
%RSD	.89532	.37485	2.9889	.52505	.40861	.6869	.71840	95.875
#1	2189.7	42.239	-.25185	.85062	.20738	11.88	.61982	.85141
#2	2151.3	41.948	-.23770	.84660	.20858	11.75	.62403	.37183
#3	2165.1	42.199	-.24176	.85553	.20903	11.73	.62878	.04539

Sample Name: J6162-26A Acquired: 12/21/2018 23:53:51 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.447
Stddev	.319
%RSD	1.3601

#1	23.369
#2	23.797
#3	23.173

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.8	48387.	4708.1	95.112	3442.0
Stddev	15.8	524.	19.5	2.238	12.1
%RSD	.44647	1.0821	.41496	2.3531	.35237

#1	3531.8	47782.	4707.7	92.618	3429.5
#2	3561.6	48691.	4727.9	95.772	3453.7
#3	3555.9	48687.	4688.8	96.945	3442.9

Sample Name: CCV13 Acquired: 12/21/2018 23:57:52 Type: Unk
Method: P4-ICP2(v2678) 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	4.8727	4.9420	4.9331	4.8670	4.7567	9.5223	9.8363	.24100
Stddev	.0085	.0046	.0053	.0054	.0074	.1235	.0760	.00100
%RSD	.17365	.09294	.10748	.11166	.15619	1.2975	.77287	.41474
#1	4.8672	4.9420	4.9346	4.8713	4.7649	9.4442	9.9206	.23989
#2	4.8824	4.9466	4.9272	4.8689	4.7547	9.6647	9.7730	.24184
#3	4.8684	4.9374	4.9375	4.8609	4.7505	9.4578	9.8152	.24126
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4243	25.693	.99978	2.3904	1.2368	5.0288	2.4445	25.987
Stddev	.0013	.156	.00112	.0019	.0019	.0611	.0033	.069
%RSD	.05544	.60609	.11234	.07968	.15229	1.2153	.13390	.26474
#1	2.4253	25.699	.99921	2.3897	1.2388	5.0170	2.4407	26.064
#2	2.4249	25.846	1.0011	2.3926	1.2351	5.0950	2.4468	25.961
#3	2.4228	25.534	.99907	2.3890	1.2367	4.9745	2.4459	25.934
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4653	1.2733	24.590	2.5096	2.5164	25.385	5.0454	5.1627
Stddev	.0009	.0024	.210	.0058	.0230	.173	.0065	.0040
%RSD	.03691	.18954	.85444	.23095	.91393	.68146	.12844	.07718
#1	2.4660	1.2732	24.794	2.5090	2.5401	25.539	5.0526	5.1670
#2	2.4643	1.2758	24.375	2.5157	2.5150	25.198	5.0400	5.1591
#3	2.4656	1.2710	24.601	2.5041	2.4942	25.417	5.0436	5.1620
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.0959	5.2961	5.0338	4.9736	4.9564	4.944	4.9483	F 2.0206
Stddev	.1322	.0371	.0048	.0228	.0297	.005	.0227	.1269
%RSD	2.1688	.69968	.09562	.45895	.59846	.0983	.45794	6.2796
#1	6.2391	5.3341	5.0318	4.9999	4.9871	4.950	4.9689	2.1317
#2	6.0700	5.2600	5.0393	4.9618	4.9279	4.942	4.9240	2.0478
#3	5.9785	5.2943	5.0303	4.9591	4.9542	4.941	4.9519	1.8823

Sample Name: CCV13 Acquired: 12/21/2018 23:57:52 Type: Unk
 Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.6835
 Stddev .2402
 %RSD 8.9526

#1 2.4217
 #2 2.8939
 #3 2.7347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3480.7	46587.	4525.0	100.97	3705.3
Stddev	2.7	83.	47.5	.86	1.2
%RSD	.07684	.17753	1.0507	.84977	.03199

#1	3478.6	46494.	4475.8	100.10	3705.5
#2	3479.7	46617.	4570.7	100.99	3704.0
#3	3483.7	46651.	4528.5	101.81	3706.3

Sample Name: CCB13 Acquired: 12/22/2018 0:01:33 Type: Unk
Method: P4-ICP2(v2678) 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	-.00082	.00136	.00046	-.00080	-.00079	.00044	.00137	-.00005
Stddev	.00089	.00050	.00094	.00201	.00143	.00716	.00028	.00003
%RSD	108.97	37.054	203.05	252.44	181.69	1635.2	20.355	48.316
#1	-.00005	.00109	-.00046	.00143	.00026	.00170	.00131	-.00007
#2	-.00179	.00194	.00042	-.00247	-.00242	.00688	.00112	-.00006
#3	-.00060	.00105	.00143	-.00136	-.00021	-.00727	.00167	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00822	-.00003	.00016	-.00088	.00425	.00005	.00114
Stddev	.00002	.00681	.00004	.00016	.00028	.00681	.00004	.01383
%RSD	18.980	82.907	138.06	98.359	32.217	160.20	84.396	1210.6
#1	.00013	-.01580	.00001	.00004	-.00069	.00178	.00009	.01709
#2	.00016	-.00622	-.00003	.00011	-.00121	-.00098	.00002	-.00749
#3	.00011	-.00262	-.00007	.00034	-.00075	.01195	.00003	-.00618
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00017	.31367	.00010	.00028	.08724	.00022	.00619
Stddev	.00019	.00022	.01578	.00035	.00012	.01351	.00005	.00588
%RSD	409.90	128.56	5.0311	348.64	44.396	15.491	20.716	94.962
#1	.00013	-.00028	.29616	.00049	.00037	.09781	.00020	.00782
#2	-.00002	-.00031	.31807	-.00003	.00014	.07201	.00028	.01108
#3	-.00025	.00008	.32679	-.00016	.00033	.09190	.00019	-.00033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .50723	.00291	.00084	-.00021	.00043	.0011	.00003	F .39075
Stddev	.02576	.00052	.00050	.00088	.00082	.0010	.00005	.10067
%RSD	5.0789	17.922	59.233	414.65	188.86	95.96	159.54	25.763
#1	.53464	.00325	.00134	-.00058	-.00001	.0021	-.00001	.47538
#2	.50355	.00231	.00034	.00079	-.00007	.0011	.00008	.27942
#3	.48351	.00317	.00084	-.00084	.00137	.0000	.00001	.41745

Sample Name: CCB13 Acquired: 12/22/2018 0:01:33 Type: Unk
Method: P4-ICP2(v2678) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .19564
Stddev	.40618
%RSD	207.61

#1	-.12789
#2	.06335
#3	.65148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3599.4	48709.	4562.7	104.74	4130.7
Stddev	2.8	87.	55.5	1.19	8.2
%RSD	.07659	.17930	1.2154	1.1373	.19943

#1	3596.7	48696.	4620.3	105.60	4140.0
#2	3599.3	48802.	4558.3	105.25	4124.3
#3	3602.2	48629.	4509.7	103.38	4127.8