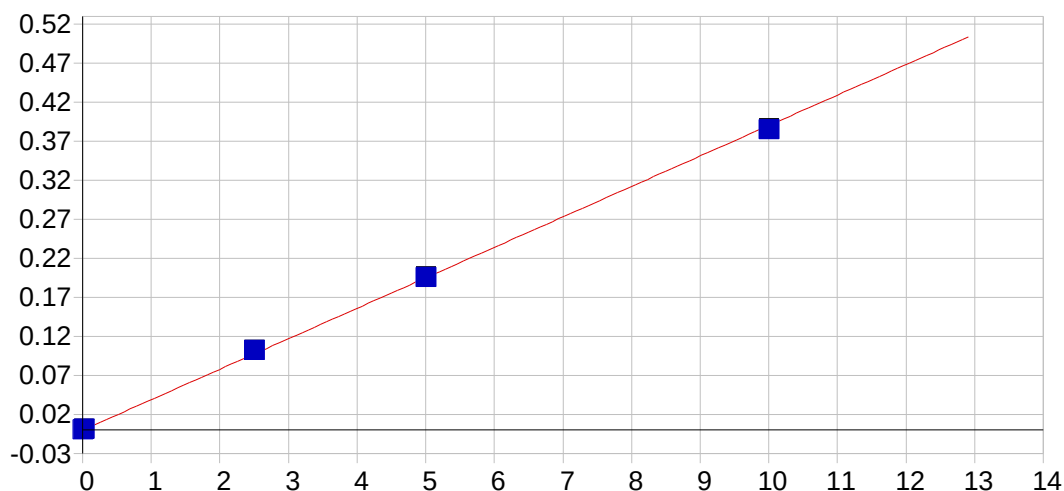


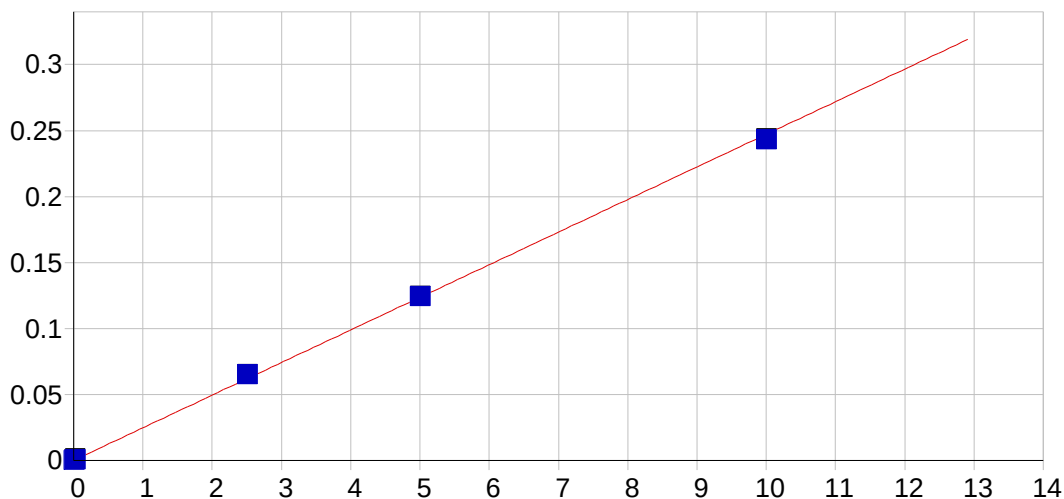


As 189.042 {478}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.039022 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.004623
 Predicted MQL: 0.015410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.02000	.02131	.001	6.53	.00080	.000	1
S3	2.5000	2.6109	.111	4.44	.10184	.000	1
S4	5.0000	5.0203	.020	.406	.19585	.000	1
S5	10.000	9.8674	-.133	-1.33	.38498	.001	1



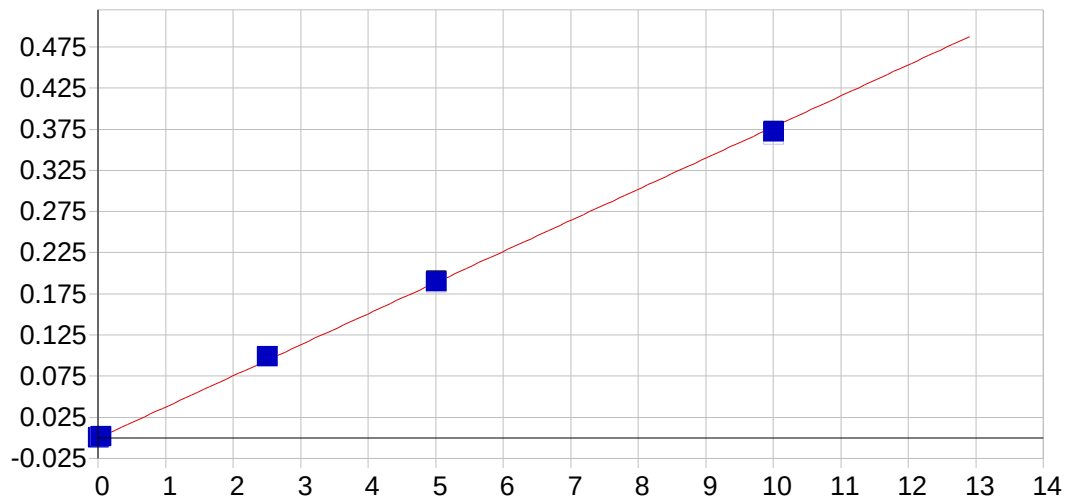
As 189.042 {479}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000

A1 (Gain): 0.024709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.004685
 Predicted MQL: 0.015618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.02000	.02346	.003	17.3	.00066	.000	1
S3	2.5000	2.6285	.129	5.14	.06502	.000	1
S4	5.0000	5.0300	.030	.601	.12436	.000	1
S5	10.000	9.8380	-.162	-1.62	.24315	.000	1

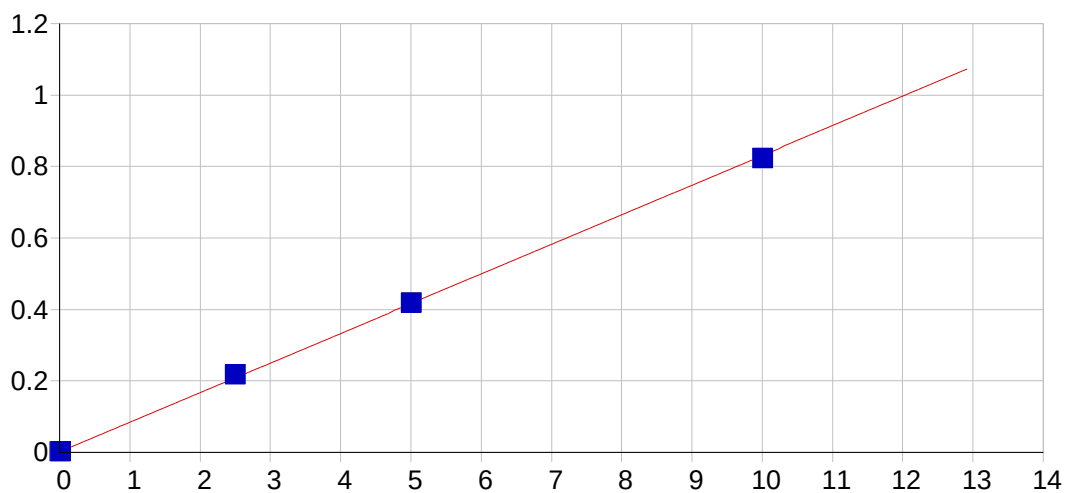


TI 190.856 {477}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000365 Re-Slope: 1.000000
 A1 (Gain): 0.037790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002524
 Predicted MQL: 0.008413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00037	.000	1
S1	.04000	.05217	.012	30.4	.00157	.000	1
S3	2.5000	2.6188	.119	4.75	.09763	.000	1
S4	5.0000	5.0336	.034	.672	.18792	.000	1
S5	10.000	9.8356	-.164	-1.64	.36745	.001	1

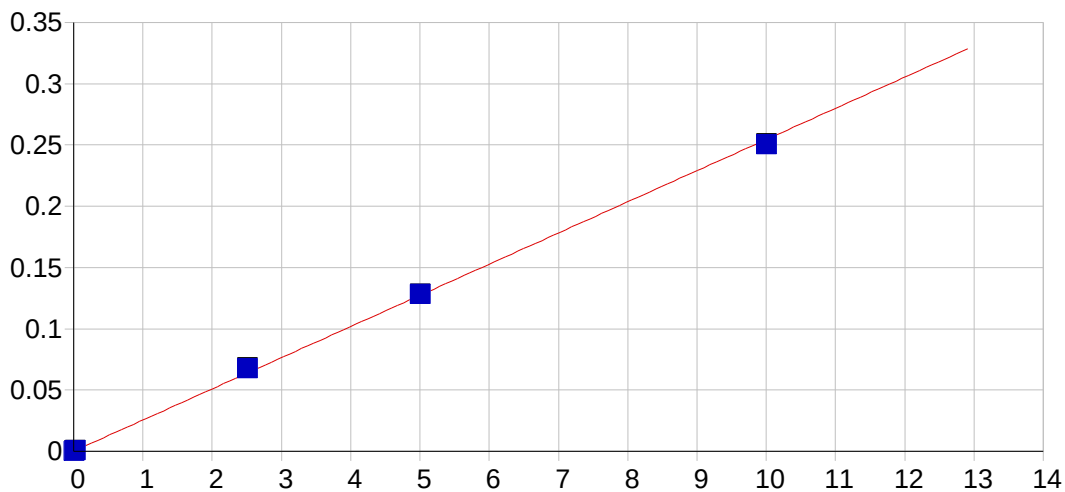


Pb 220.353 {453}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001164 Re-Slope: 1.000000
 A1 (Gain): 0.082987 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.001802
 Predicted MQL: 0.006007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00116	.000	1
S1	.01200	.01499	.003	24.9	.00239	.000	1
S3	2.5000	2.6012	.101	4.05	.21679	.000	1
S4	5.0000	5.0112	.011	.224	.41654	.000	1
S5	10.000	9.8847	-.115	-1.15	.82050	.001	1



Se 196.090 {472}

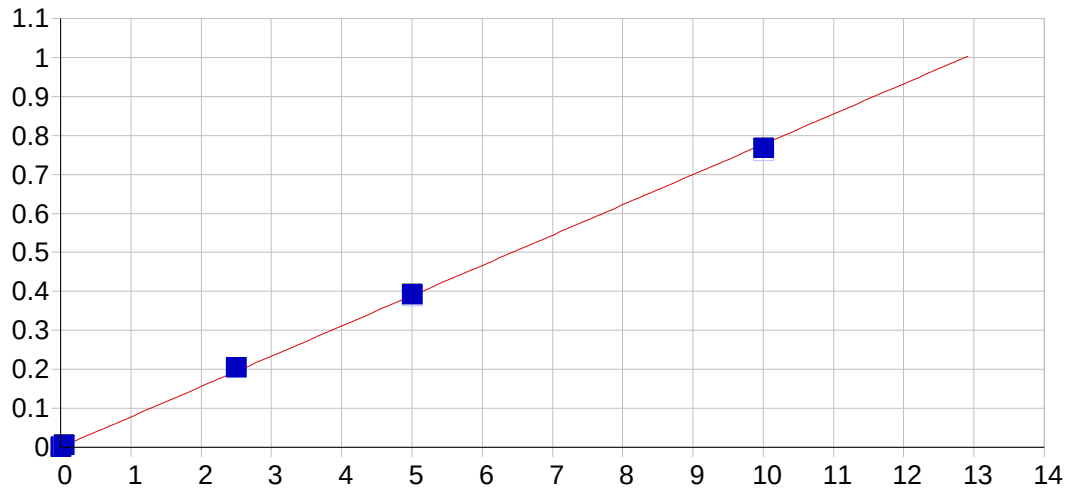
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.025442 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685
 Std Error of Est: 0.000015
 Predicted MDL: 0.005678
 Predicted MQL: 0.018928

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.02000	.02040	.000	2.00	.00061	.000	1
S3	2.5000	2.6420	.142	5.68	.06732	.000	1
S4	5.0000	5.0259	.026	.518	.12797	.000	1
S5	10.000	9.8317	-.168	-1.68	.25025	.001	1



Sb 206.833 {463}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

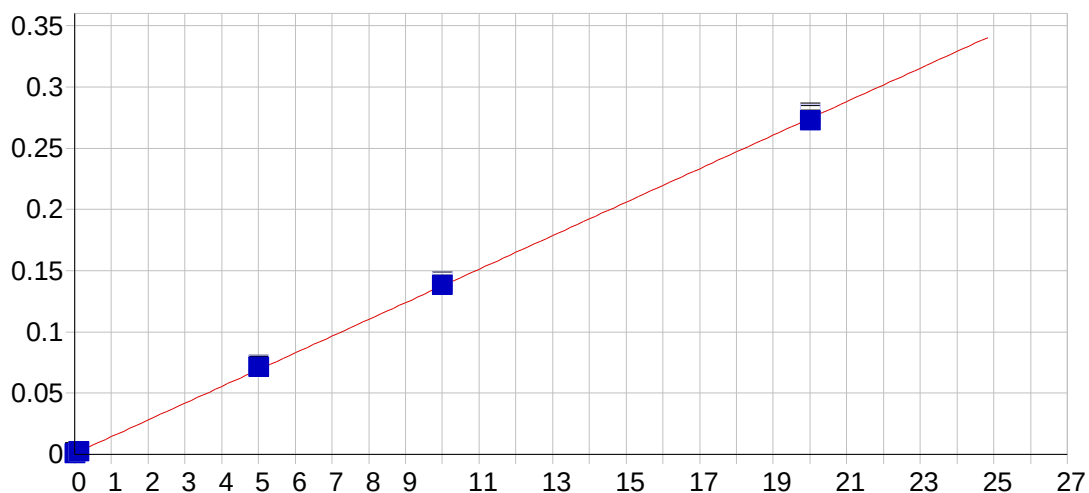
Weighting: 1/Conc

A0 (Offset): 0.000459
 A1 (Gain): 0.077682
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000062
 Predicted MDL: 0.002582
 Predicted MQL: 0.008608

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	.00046	.000	1
S1	.05000	.05562	.006	11.2	.00468	.000	1
S3	2.5000	2.6117	.112	4.47	.20116	.000	1
S4	5.0000	5.0203	.020	.406	.38608	.001	1
S5	10.000	9.8624	-.138	-1.38	.75786	.001	1

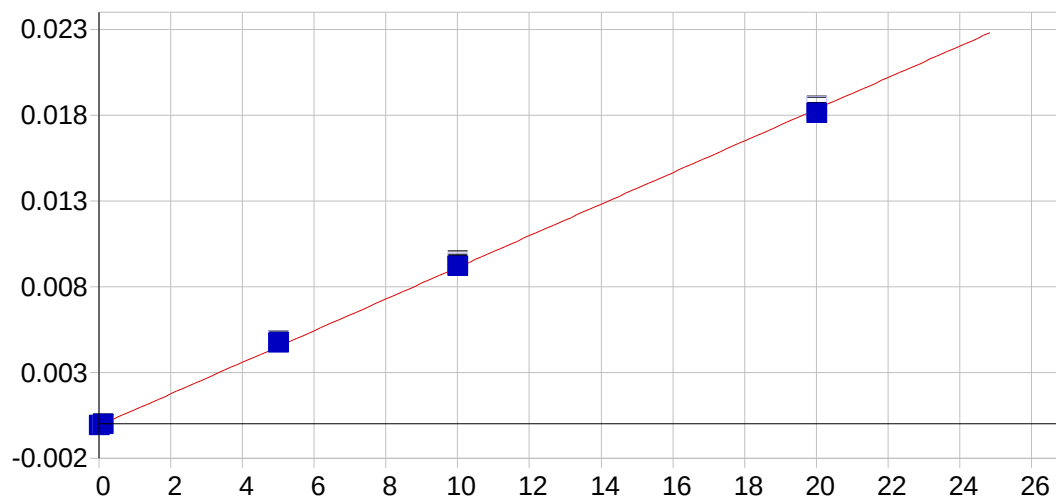


AI 308.215 {109}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000781 Re-Slope: 1.000000
 A1 (Gain): 0.013676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.004303
 Predicted MQL: 0.014342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00078	.000	1
S1	.10000	.10612	.006	6.12	.00233	.000	1
S3	5.0000	5.1469	.147	2.94	.07253	.000	1
S4	10.000	10.017	.017	.172	.14050	.000	1
S5	20.000	19.829	-.171	-.853	.27741	.001	1



AI 309.271 {109}

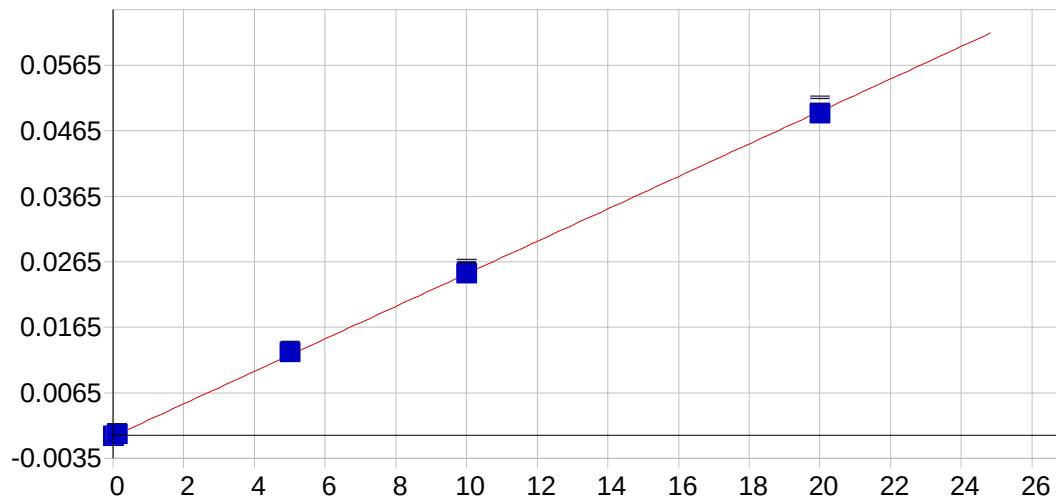
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.000922 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783
 Std Error of Est: 0.000001
 Predicted MDL: 0.037985
 Predicted MQL: 0.126618

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00009	.000	1
S1	.10000	.08494	-.015	-15.1	-.00001	.000	1
S3	5.0000	5.2222	.222	4.44	.00481	.000	1
S4	10.000	10.055	.055	.551	.00936	.000	1
S5	20.000	19.738	-.262	-1.31	.01847	.000	1



AI 396.152 { 85}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

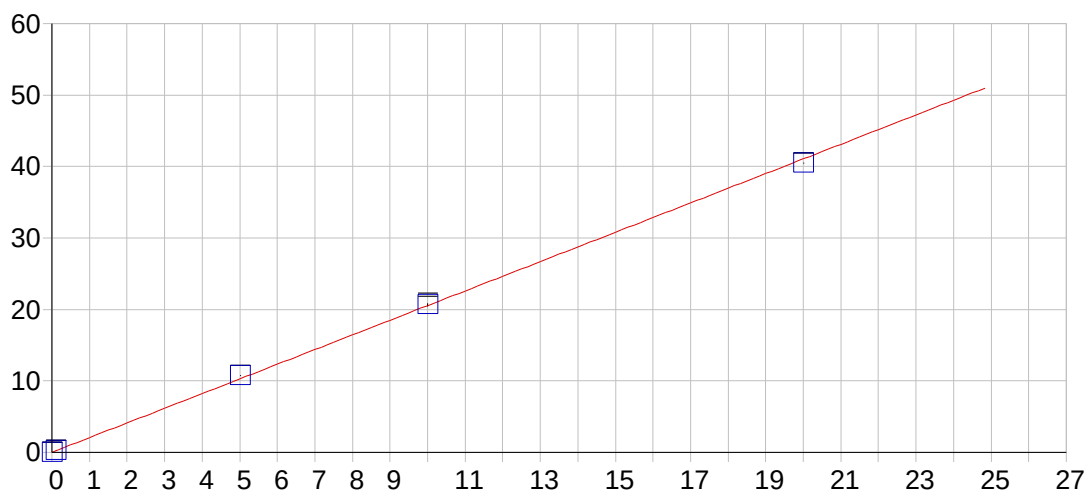
Weighting: 1/Conc

A0 (Offset): -0.000146
 A1 (Gain): 0.002481
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000003
 Predicted MDL: 0.020813
 Predicted MQL: 0.069378

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00015	.000	1
S1	.10000	.11705	.017	17.0	.00016	.000	1
S3	5.0000	5.1484	.148	2.97	.01287	.000	1
S4	10.000	10.008	.008	.084	.02517	.000	1
S5	20.000	19.825	-.175	-.874	.05002	.000	1

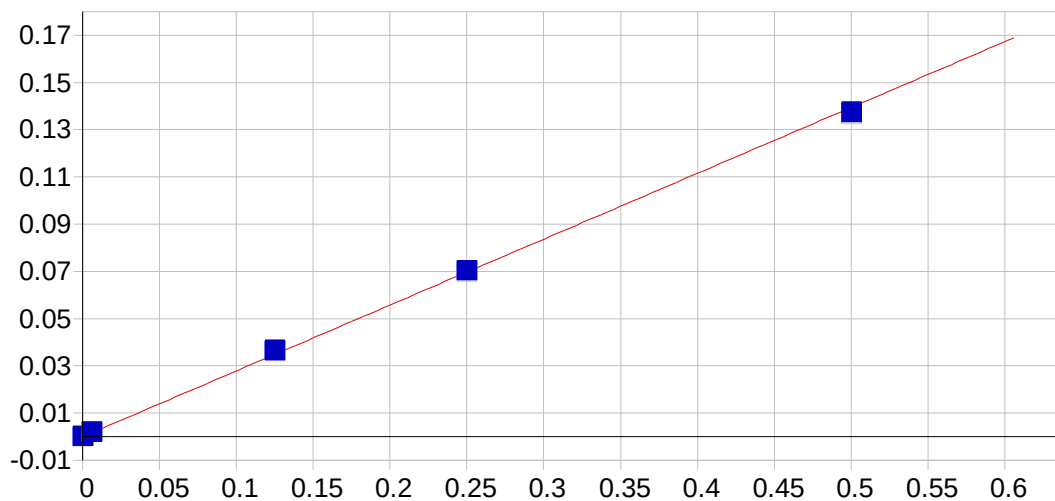


Ba 493.409 { 68}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015314 Re-Slope: 1.000000
 A1 (Gain): 2.052391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999768 Status: OK.
 Std Error of Est: 0.003382
 Predicted MDL: 0.000871
 Predicted MQL: 0.002904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01528	.002	1
S1	.10000	.11141	.011	11.4	.24396	.000	1
S3	5.0000	5.2281	.228	4.56	10.745	.036	1
S5	20.000	19.706	-.294	-1.47	40.461	.026	1
S4	10.000	10.054	.054	.540	20.650	.221	1



Be 234.861 {144}

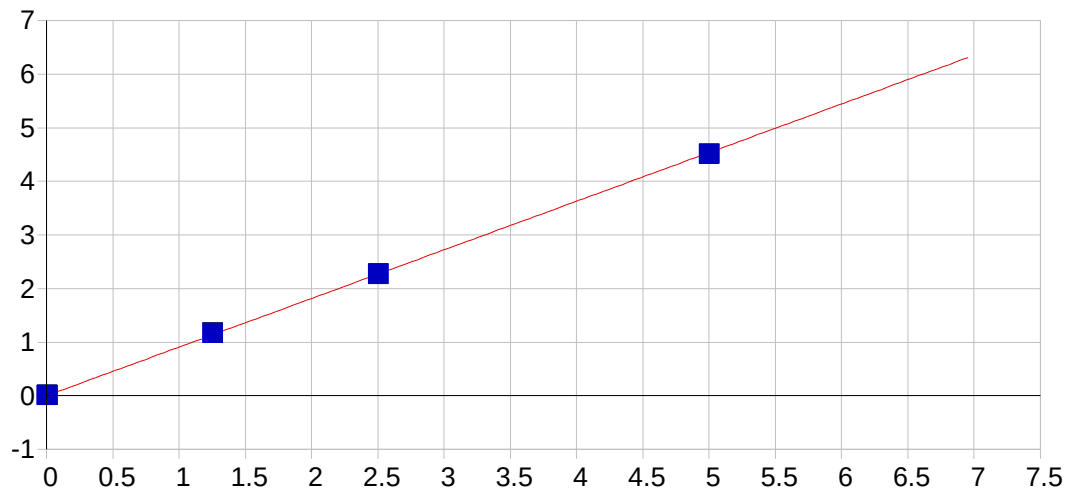
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.278905 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746
 Std Error of Est: 0.000019
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.00600	.00658	.001	9.74	.00179	.000	1
S3	.12500	.13049	.005	4.39	.03615	.000	1
S4	.25000	.25195	.002	.781	.06980	.000	1
S5	.50000	.49197	-.008	-1.61	.13631	.000	1



Cd 226.502 {449}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

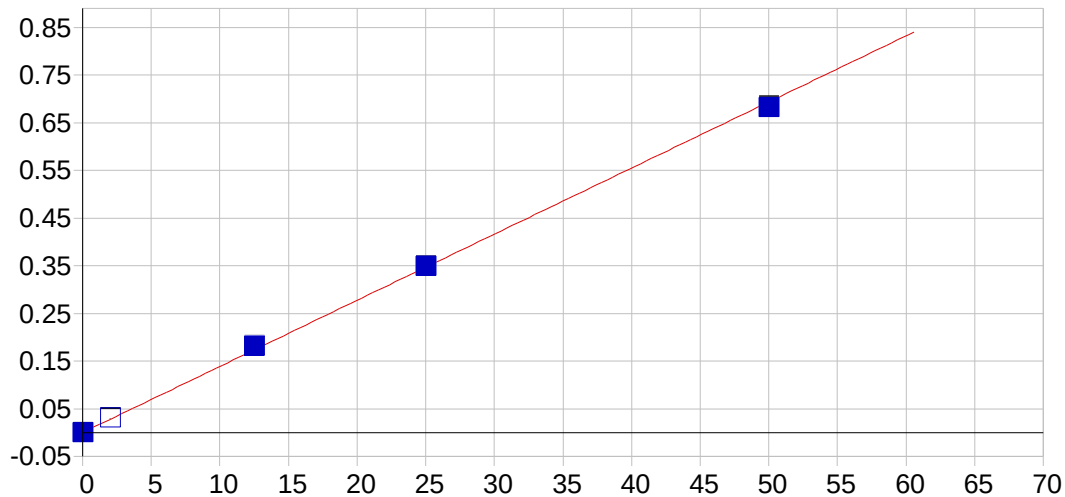
Weighting: 1/Conc

A0 (Offset): -0.000722
 A1 (Gain): 0.907381
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924
 Std Error of Est: 0.000104
 Predicted MDL: 0.000176
 Predicted MQL: 0.000586

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00072	.000	1
S1	.00600	.00661	.001	10.1	.00528	.000	1
S3	1.2500	1.2860	.036	2.88	1.1665	.005	1
S4	2.5000	2.4967	-.003	-.132	2.2652	.002	1
S5	5.0000	4.9667	-.033	-.667	4.5070	.001	1

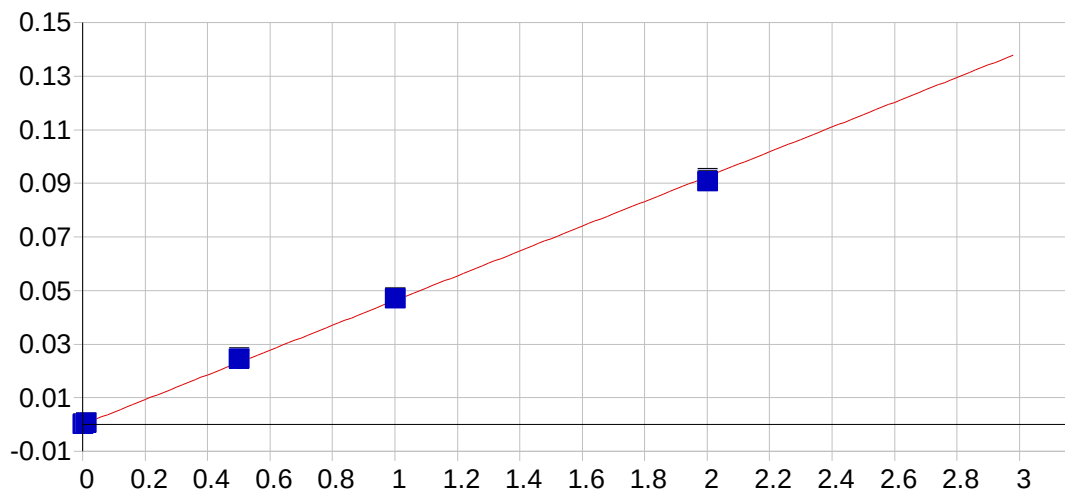


Ca 373.690 { 90}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.013872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999672 Status: OK.
 Std Error of Est: 0.000194
 Predicted MDL: 0.028624
 Predicted MQL: 0.095413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1756	.176	8.78	.03022	.001	1
S0	.00000	-.00024	-.000	.000	.00003	.000	1
S3	12.500	13.086	.586	4.69	.18166	.000	1
S4	25.000	25.113	.113	.451	.34859	.000	1
S5	50.000	49.126	-.874	-1.75	.68188	.003	1



Cr 267.716 {126}

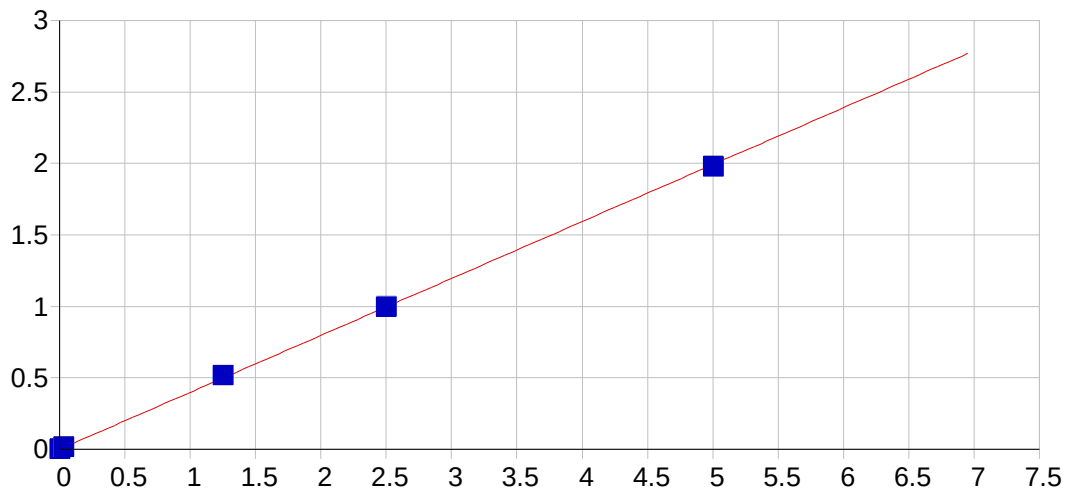
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.046245 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999623
 Std Error of Est: 0.000010
 Predicted MDL: 0.000815
 Predicted MQL: 0.002717

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01183	.002	18.3	.00056	.000	1
S3	.50000	.52645	.026	5.29	.02453	.000	1
S4	1.0000	1.0120	.012	1.20	.04715	.000	1
S5	2.0000	1.9598	-.040	-2.01	.09133	.000	1



Co 228.616 {447}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

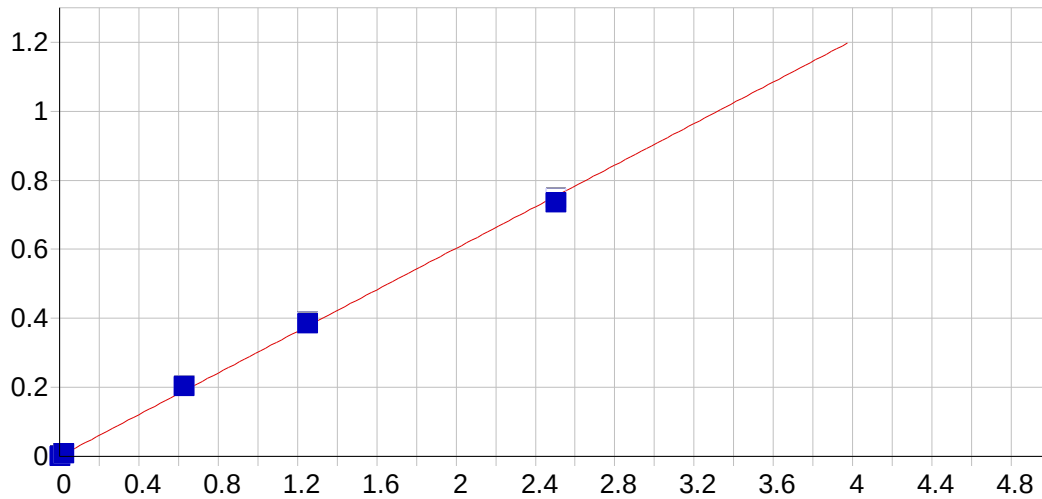
Weighting: 1/Conc

A0 (Offset): 0.000231
 A1 (Gain): 0.398302
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843
 Std Error of Est: 0.000148
 Predicted MDL: 0.000370
 Predicted MQL: 0.001232

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	.00023	.000	1
S1	.03000	.03515	.005	17.2	.01415	.000	1
S3	1.2500	1.2925	.042	3.40	.51543	.001	1
S4	2.5000	2.4988	-.001	-.050	.99627	.001	1
S5	5.0000	4.9536	-.046	-.927	1.9748	.003	1

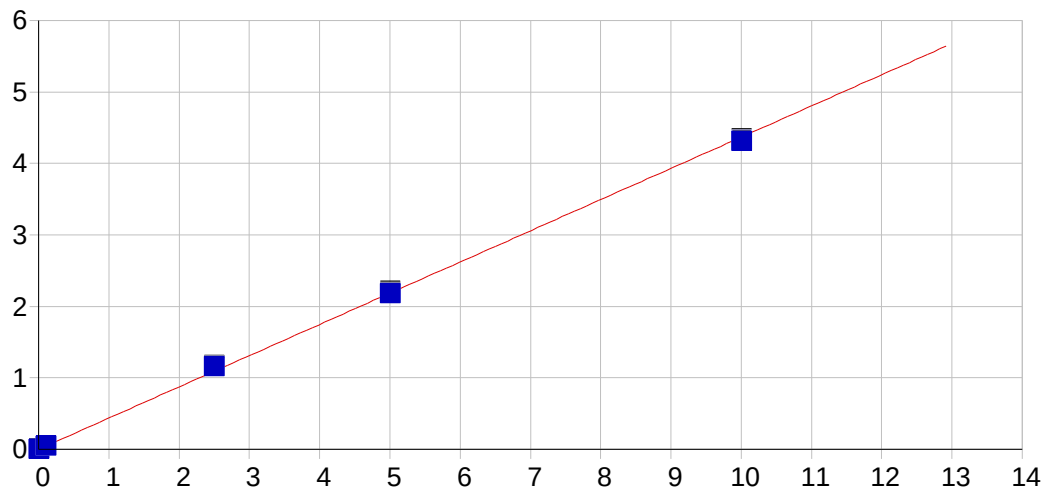


Cu 224.700 {450}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000810 Re-Slope: 1.000000
 A1 (Gain): 0.301105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999449 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.000768
 Predicted MQL: 0.002561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00081	.000	1
S1	.02000	.02304	.003	15.2	.00784	.000	1
S3	.62500	.66581	.041	6.53	.20440	.000	1
S4	1.2500	1.2692	.019	1.53	.38920	.000	1
S5	2.5000	2.4370	-.063	-2.52	.74706	.000	1



Fe 240.488 {140}

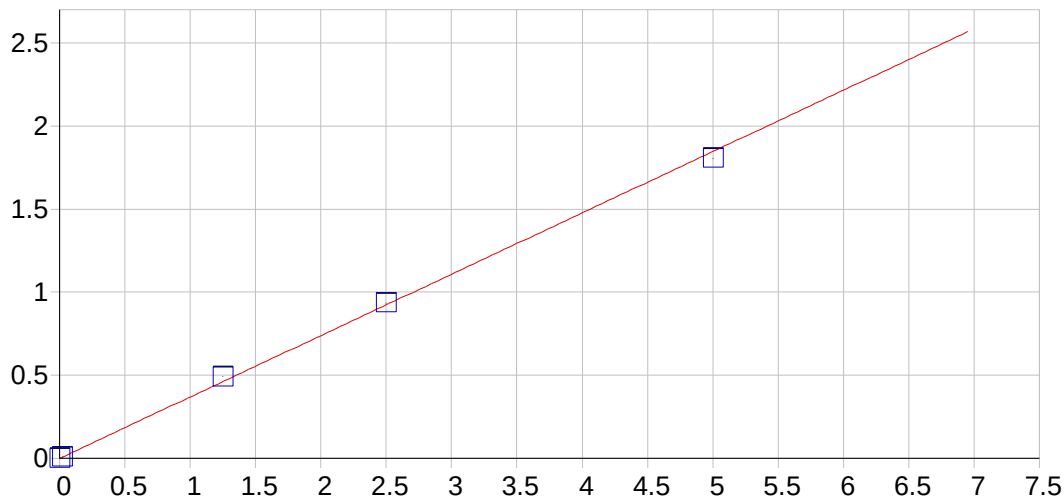
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.436729 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693
 Std Error of Est: 0.000589
 Predicted MDL: 0.013210
 Predicted MQL: 0.044032

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00039	.000	1
S1	.10000	.10848	.008	8.48	.04798	.000	1
S3	2.5000	2.6435	.144	5.74	1.1604	.013	1
S4	5.0000	4.9870	-.013	-.260	2.1894	.020	1
S5	10.000	9.8610	-.139	-1.39	4.3289	.016	1



Mn 257.610 {131}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

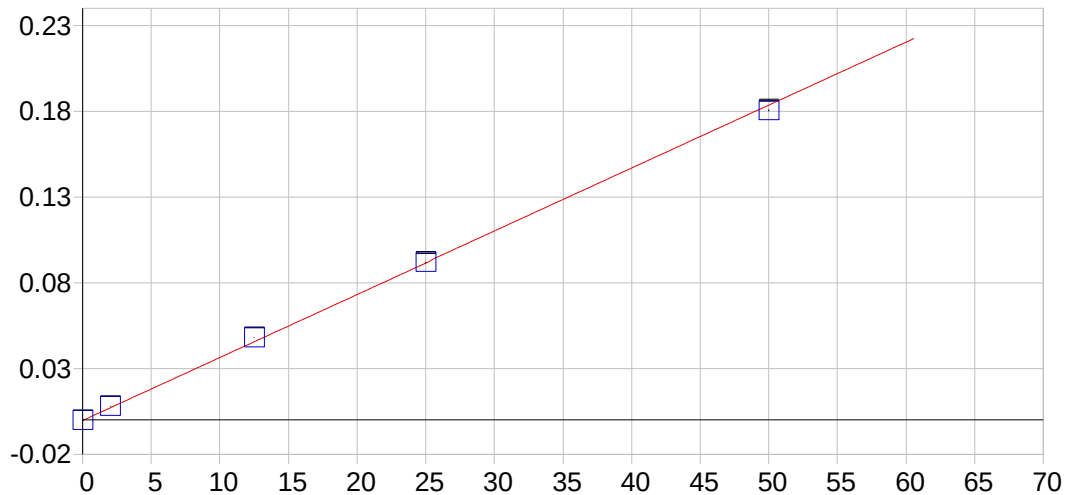
Weighting: 1/Conc

A0 (Offset): 0.000040
 A1 (Gain): 0.369208
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999538
 Std Error of Est: 0.000192
 Predicted MDL: 0.000101
 Predicted MQL: 0.000338

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	.00004	.000	1
S1	.02000	.02333	.003	16.7	.00866	.000	1
S3	1.2500	1.3267	.077	6.13	.48985	.003	1
S4	2.5000	2.5310	.031	1.24	.93449	.001	1
S5	5.0000	4.8891	-.111	-2.22	1.8051	.002	1

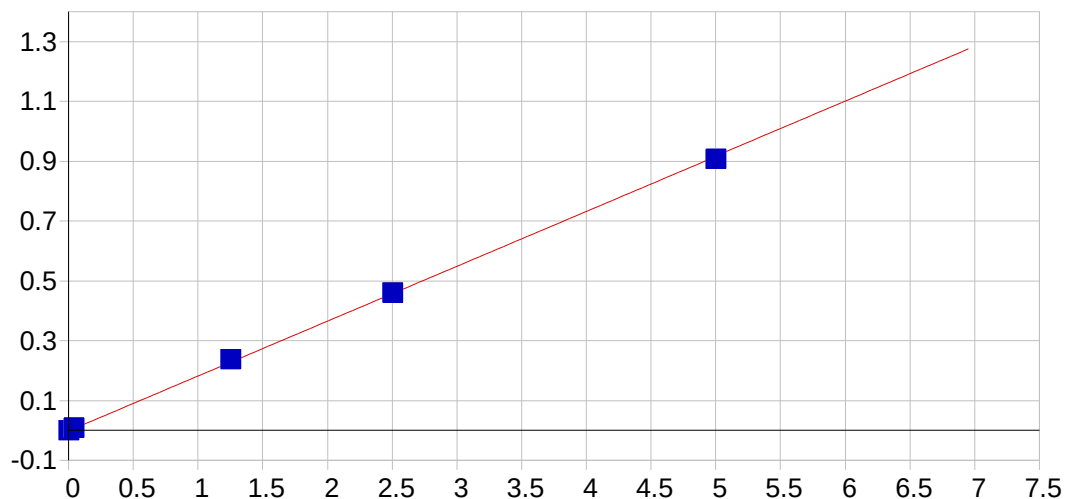


Mg 279.079 {121}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.003676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.060577
 Predicted MQL: 0.201925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2308	.231	11.5	.00798	.000	1
S0	.00000	-.00029	-.000	.000	-.00023	.000	1
S3	12.500	13.101	.601	4.81	.04794	.000	1
S4	25.000	25.029	.029	.115	.09179	.001	1
S5	50.000	49.139	-.861	-1.72	.18043	.001	1



Ni 231.604 {445}

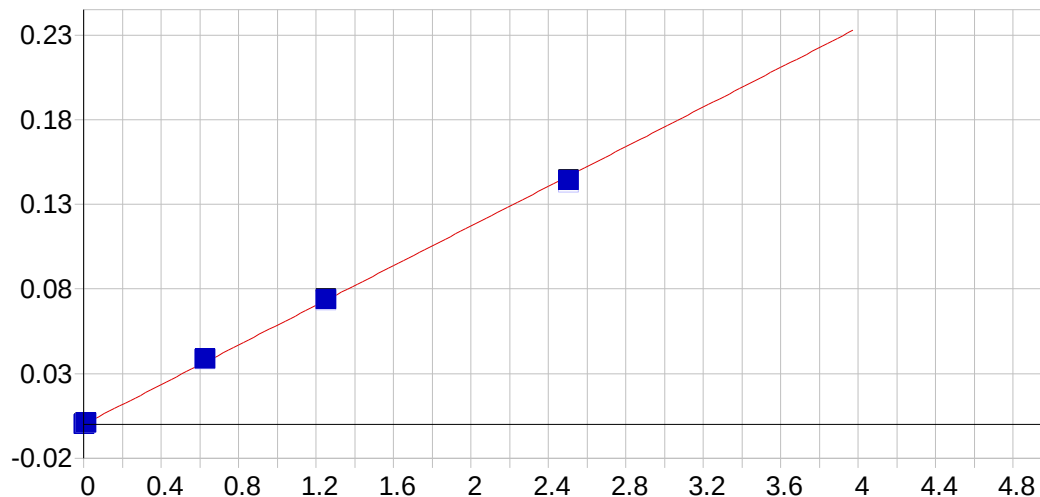
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002069 Re-Slope: 1.000000
 A1 (Gain): 0.183730 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819
 Std Error of Est: 0.000085
 Predicted MDL: 0.000745
 Predicted MQL: 0.002482

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00207	.000	1
S1	.04000	.04579	.006	14.5	.00635	.000	1
S3	1.2500	1.2962	.046	3.70	.23634	.000	1
S4	2.5000	2.5040	.004	.161	.45850	.000	1
S5	5.0000	4.9440	-.056	-1.12	.90729	.000	1



Ag 328.068 {103}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

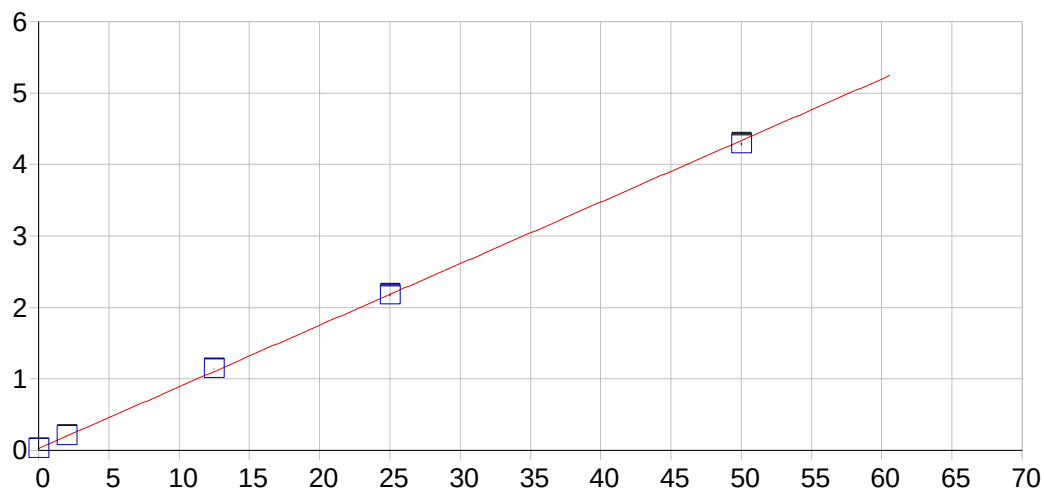
Weighting: 1/Conc

A0 (Offset): 0.000044
 A1 (Gain): 0.058573
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736
 Std Error of Est: 0.000011
 Predicted MDL: 0.000970
 Predicted MQL: 0.003232

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	.00004	.000	1
S1	.01000	.01074	.001	7.44	.00066	.000	1
S3	.62500	.65570	.031	4.91	.03803	.000	1
S4	1.2500	1.2586	.009	.691	.07294	.000	1
S5	2.5000	2.4599	-.040	-1.60	.14247	.000	1

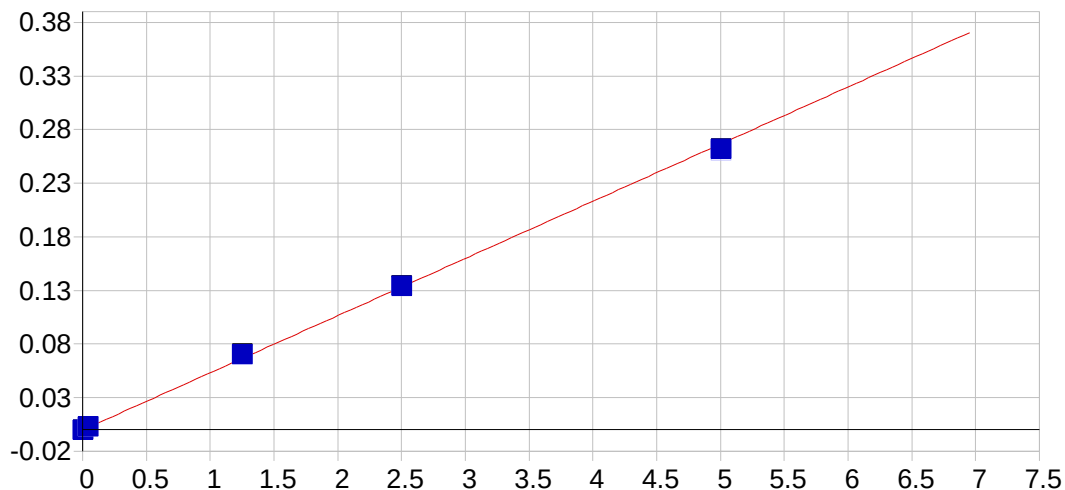


Na 589.592 { 57}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027981 Re-Slope: 1.000000
 A1 (Gain): 0.086149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000805
 Predicted MDL: 0.014861
 Predicted MQL: 0.049537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1083	.108	5.41	.20961	.001	1
S0	.00000	-.00015	-.000	.000	.02797	.000	1
S3	12.500	12.938	.438	3.50	1.1425	.008	1
S4	25.000	24.951	-.049	-.196	2.1775	.019	1
S5	50.000	49.503	-.497	-.994	4.2926	.017	1



V 292.402 {115}

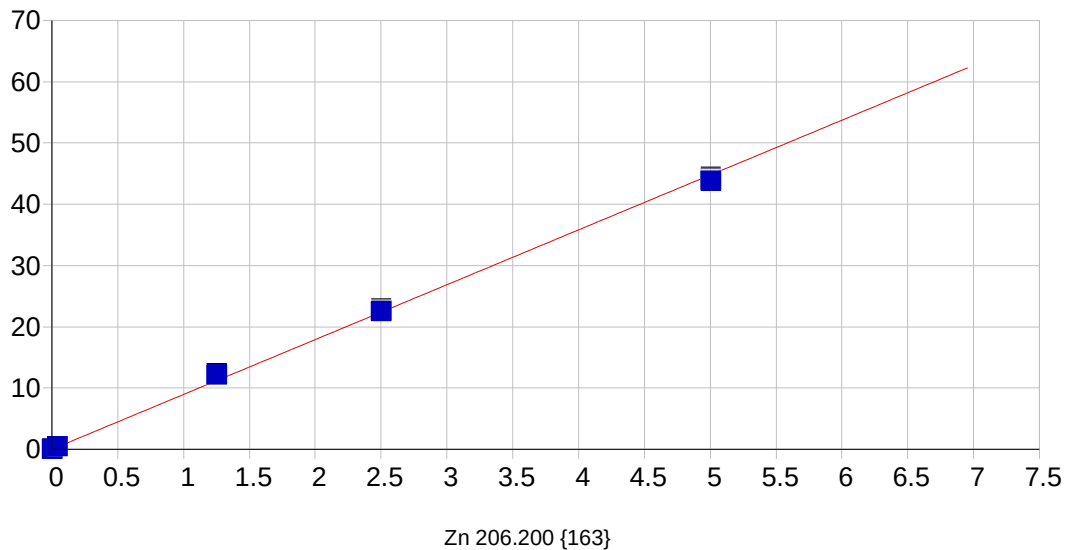
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.053308 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640
 Std Error of Est: 0.000034
 Predicted MDL: 0.000838
 Predicted MQL: 0.002792

Status: OK.

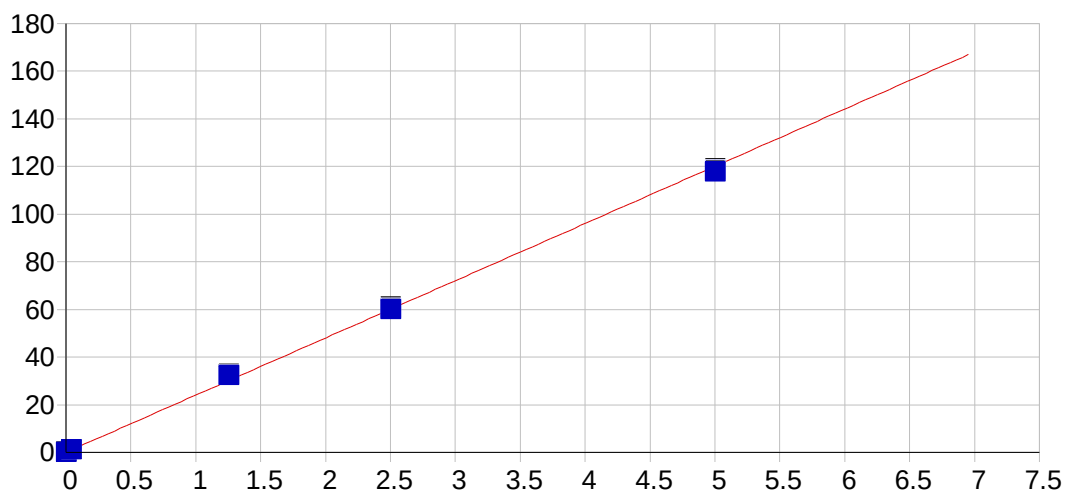
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.04000	.04711	.007	17.8	.00241	.000	1
S3	1.2500	1.3148	.065	5.18	.06958	.001	1
S4	2.5000	2.5155	.016	.622	.13316	.000	1
S5	5.0000	4.9126	-.087	-1.75	.26007	.000	1



Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027402 Re-Slope: 1.000000
 A1 (Gain): 8.954582 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999366 Status: OK.
 Std Error of Est: 0.007763
 Predicted MDL: 0.000807
 Predicted MQL: 0.002690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02731	.003	1
S1	.04000	.04776	.008	19.4	.45739	.006	1
S3	1.2500	1.3448	.095	7.58	12.137	.224	1
S4	2.5000	2.5104	.010	.417	22.643	.204	1
S5	5.0000	4.8870	-.113	-2.26	44.060	.358	1

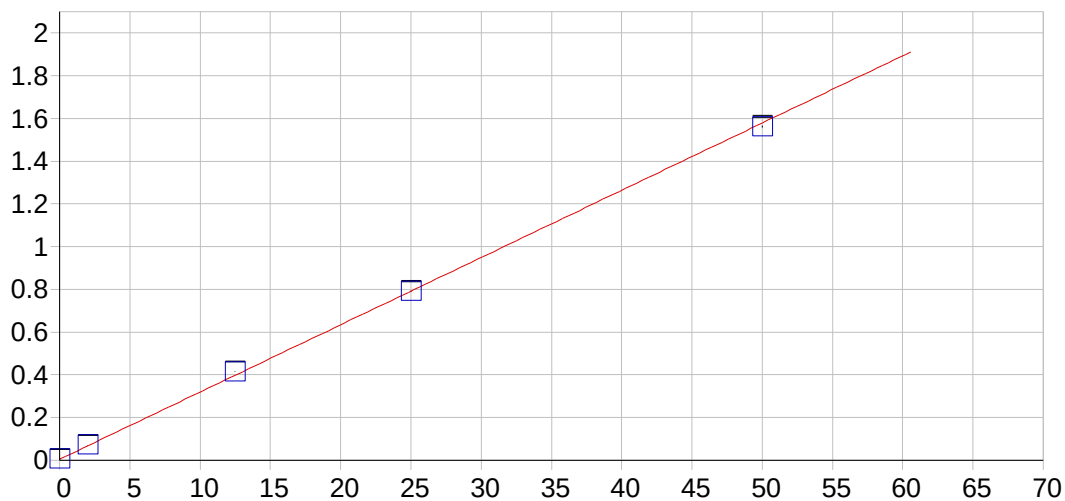


Zn 213.856 {458}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.026909 Re-Slope: 1.000000
 A1 (Gain): 24.013861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999443 Status: OK.
 Std Error of Est: 0.019523
 Predicted MDL: 0.000149
 Predicted MQL: 0.000496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02669	.002	1
S1	.04000	.04706	.007	17.6	1.1633	.000	1
S3	1.2500	1.3422	.092	7.37	32.439	.381	1
S4	2.5000	2.4976	-.002	-.095	60.367	.505	1
S5	5.0000	4.9031	-.097	-1.94	118.50	.494	1



K 766.490 {44}

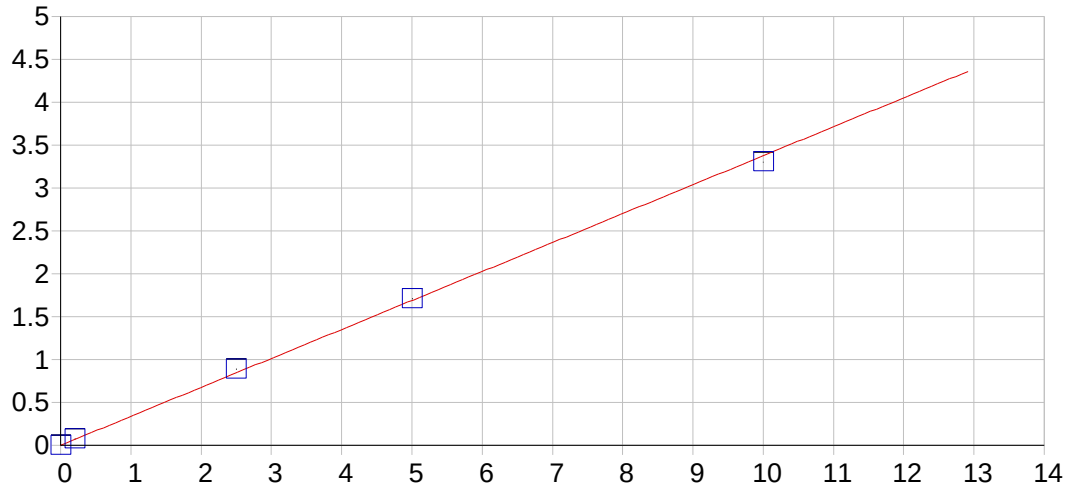
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004747 Re-Slope: 1.000000
 A1 (Gain): 0.031483 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.000315
 Predicted MDL: 0.049527
 Predicted MQL: 0.165091

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0971	.097	4.85	.07077	.001	1
S0	.00000	-.00015	-.000	.000	.00474	.000	1
S3	12.500	12.989	.489	3.91	.41367	.002	1
S4	25.000	24.968	-.032	-.128	.79080	.004	1
S5	50.000	49.446	-.554	-1.11	1.5614	.005	1



Mo 202.030 {467}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

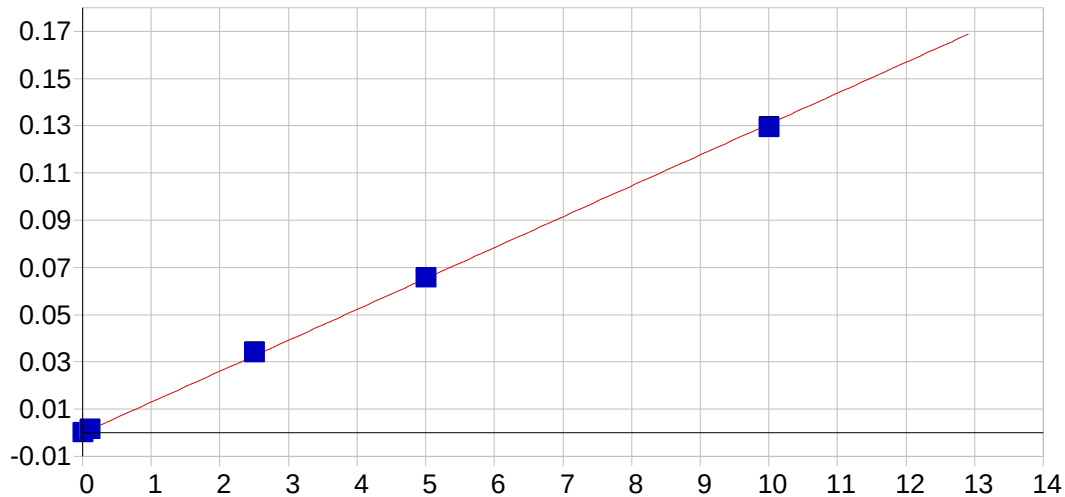
Weighting: 1/Conc

A0 (Offset): 0.000145
 A1 (Gain): 0.337666
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572
 Std Error of Est: 0.000759
 Predicted MDL: 0.000477
 Predicted MQL: 0.001590

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00013	.000	1
S1	.20000	.22119	.021	10.6	.07483	.000	1
S3	2.5000	2.6372	.137	5.49	.89062	.001	1
S4	5.0000	5.0587	.059	1.17	1.7083	.002	1
S5	10.000	9.7830	-.217	-2.17	3.3035	.002	1

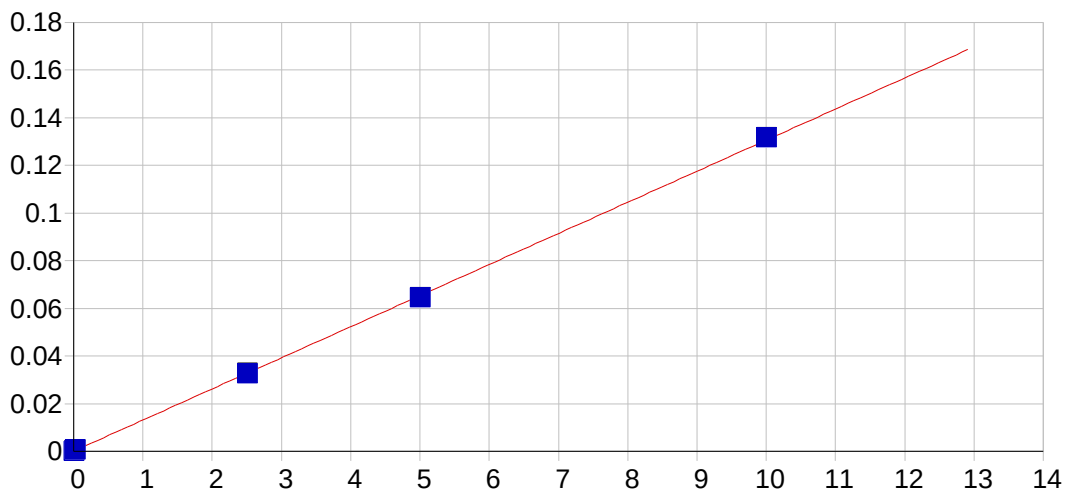


B 249.678 {135}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.013085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.012845
 Predicted MQL: 0.042816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.10000	.11089	.011	10.9	.00134	.000	1
S3	2.5000	2.5894	.089	3.58	.03370	.000	1
S4	5.0000	5.0136	.014	.273	.06534	.000	1
S5	10.000	9.8861	-.114	-1.14	.12895	.000	1



S 182.034 {485}

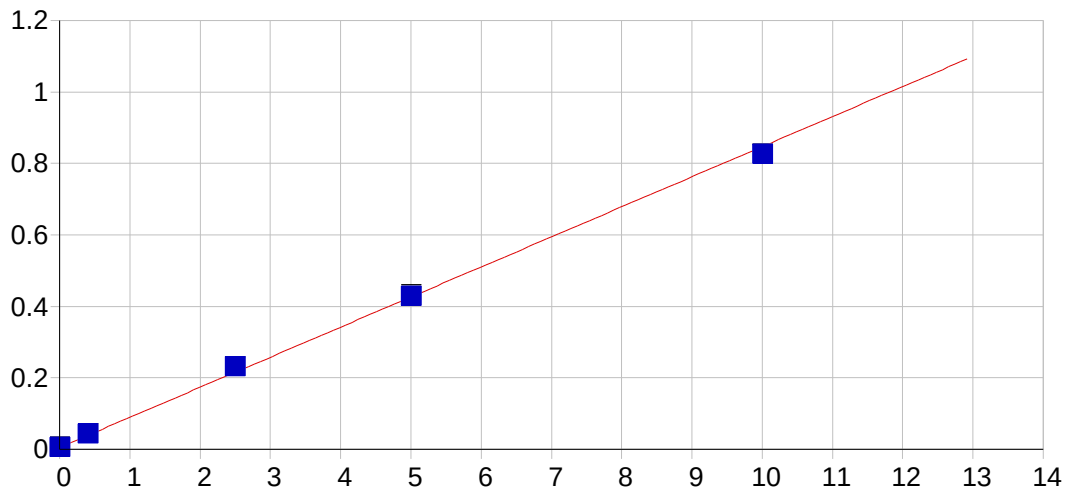
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.013054 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000005
 Predicted MDL: 0.005471
 Predicted MQL: 0.018237

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00008	.000	1
S1	.02000	.02774	.008	38.7	.00044	.000	1
S3	2.5000	2.4916	-.008	-.338	.03257	.000	1
S4	5.0000	4.9261	-.074	-1.48	.06431	.000	1
S5	10.000	10.075	.075	.748	.13145	.000	1



Si 288.158 {117}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

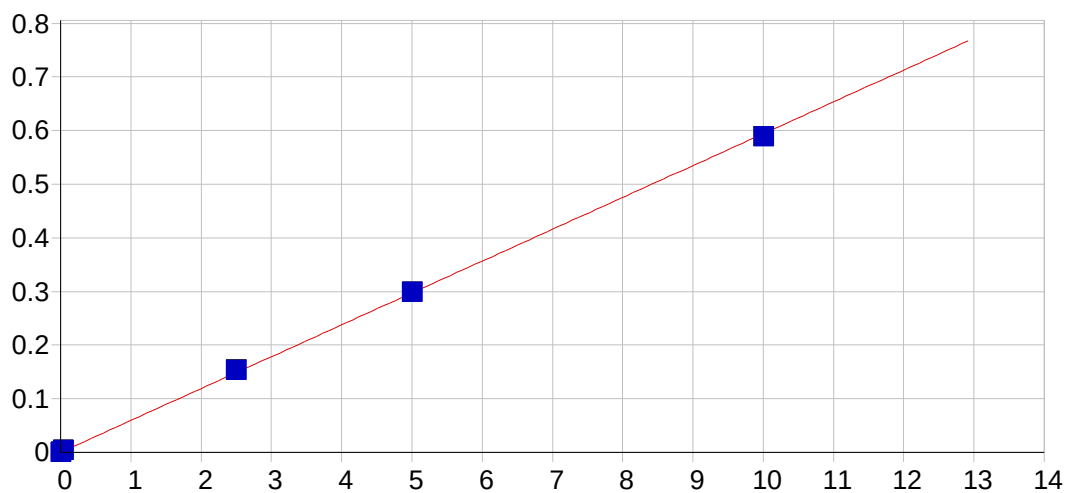
Weighting: 1/Conc

A0 (Offset): 0.005264
 A1 (Gain): 0.084167
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999258
 Std Error of Est: 0.000354
 Predicted MDL: 0.004966
 Predicted MQL: 0.016554

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	-.00008	-.000	.000	.00526	.000	1
S1	.40000	.45598	.056	14.0	.04361	.000	1
S3	2.5000	2.6733	.173	6.93	.23016	.000	1
S4	5.0000	5.0266	.027	.532	.42811	.003	1
S5	10.000	9.7441	-.256	-2.56	.82495	.000	1

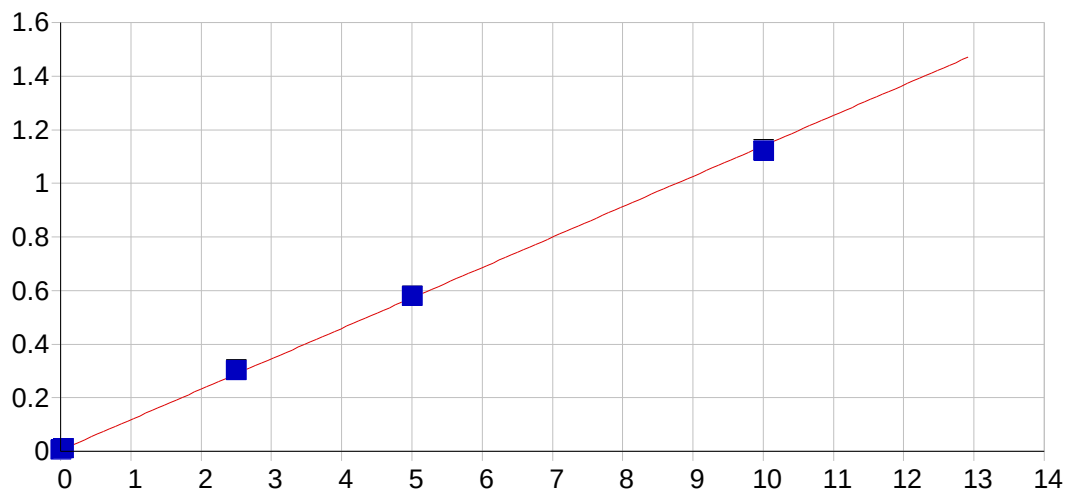


Sn 189.989 {477}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.059380 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001246
 Predicted MQL: 0.004154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00027	.000	1
S1	.04000	.04666	.007	16.6	.00304	.000	1
S3	2.5000	2.5732	.073	2.93	.15309	.000	1
S4	5.0000	5.0193	.019	.386	.29837	.000	1
S5	10.000	9.9009	-.099	-.991	.58829	.000	1



Ti 336.121 {100}

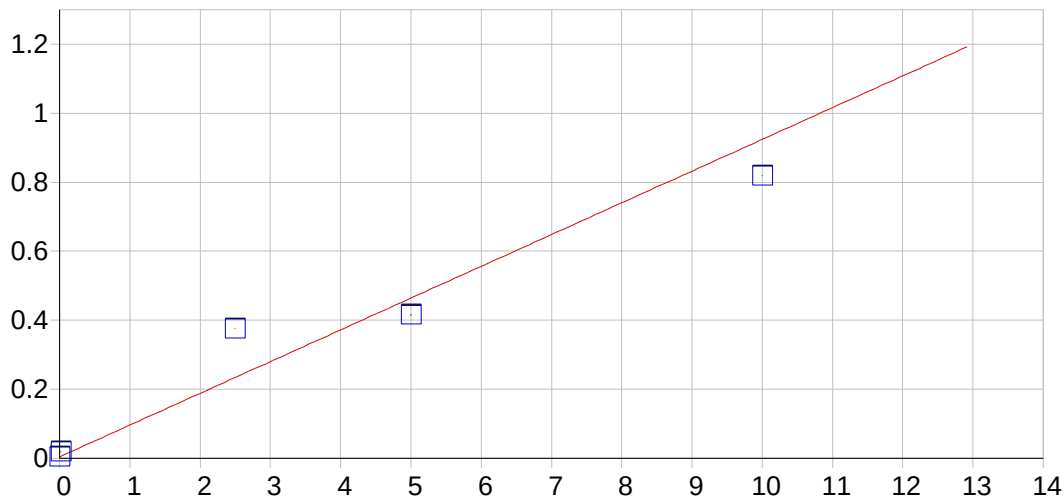
Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004611 Re-Slope: 1.000000
 A1 (Gain): 0.113511 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705
 Std Error of Est: 0.000094
 Predicted MDL: 0.002778
 Predicted MQL: 0.009260

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00461	.000	1
S1	.04000	.04712	.007	17.8	.00996	.000	1
S3	2.5000	2.6186	.119	4.74	.30181	.001	1
S4	5.0000	5.0477	.048	.955	.57751	.001	1
S5	10.000	9.8266	-.173	-1.73	1.1199	.005	1



Li 670.784 { 50}

Date of Fit: 9/21/2018 11:51:06

Type of Fit: Linear

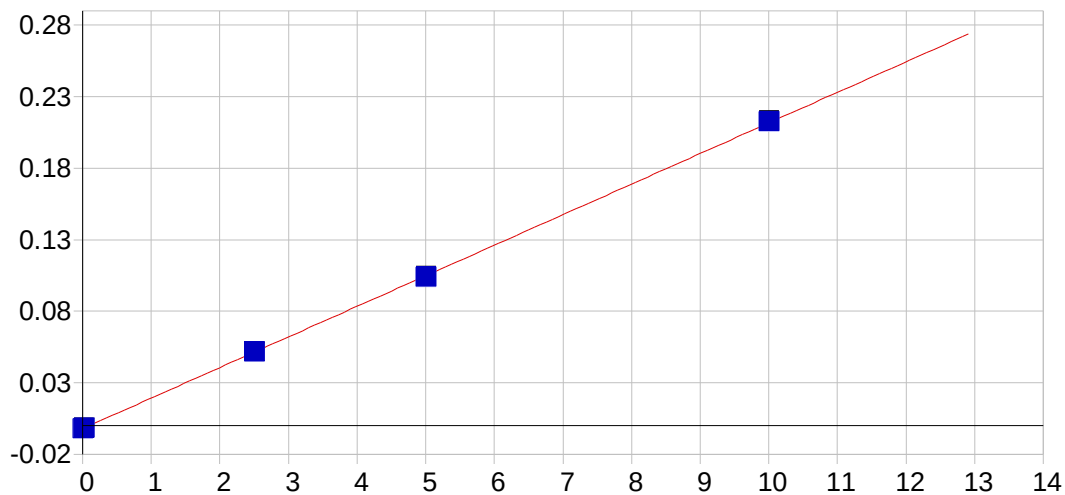
Weighting: 1/Conc

A0 (Offset): 0.004306
 A1 (Gain): 0.091984
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.944015
 Std Error of Est: 0.000776
 Predicted MDL: 0.016813
 Predicted MQL: 0.056044

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	-.00015	-.000	.000	.00429	.001	1
S1	.02000	.16239	.142	712.	.01924	.000	1
S3	2.5000	4.0311	1.53	61.2	.37511	.001	1
S4	5.0000	4.4724	-.528	-10.6	.41570	.002	1
S5	10.000	8.8541	-1.15	-11.5	.81875	.001	1

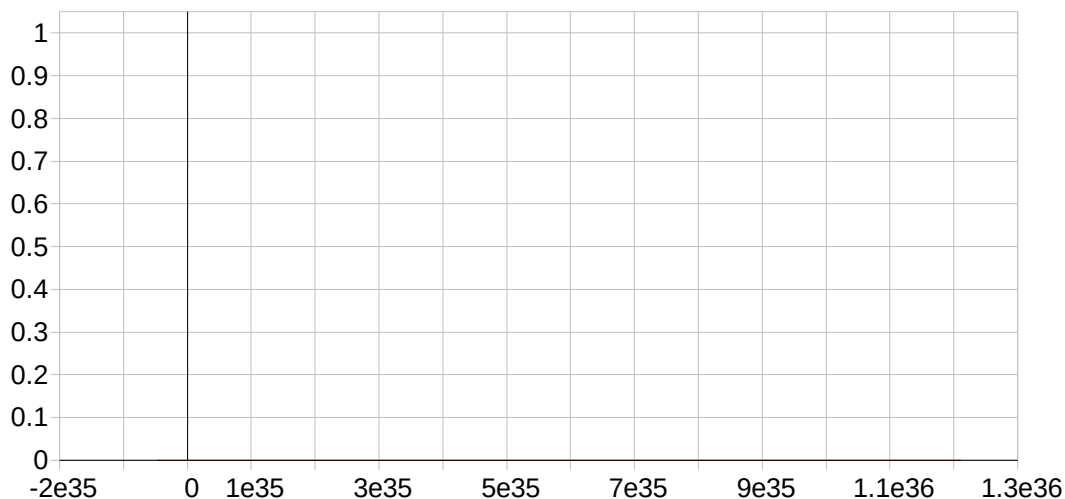


P 177.495 {490}

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001997 Re-Slope: 1.000000
 A1 (Gain): 0.021365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.003682
 Predicted MQL: 0.012273

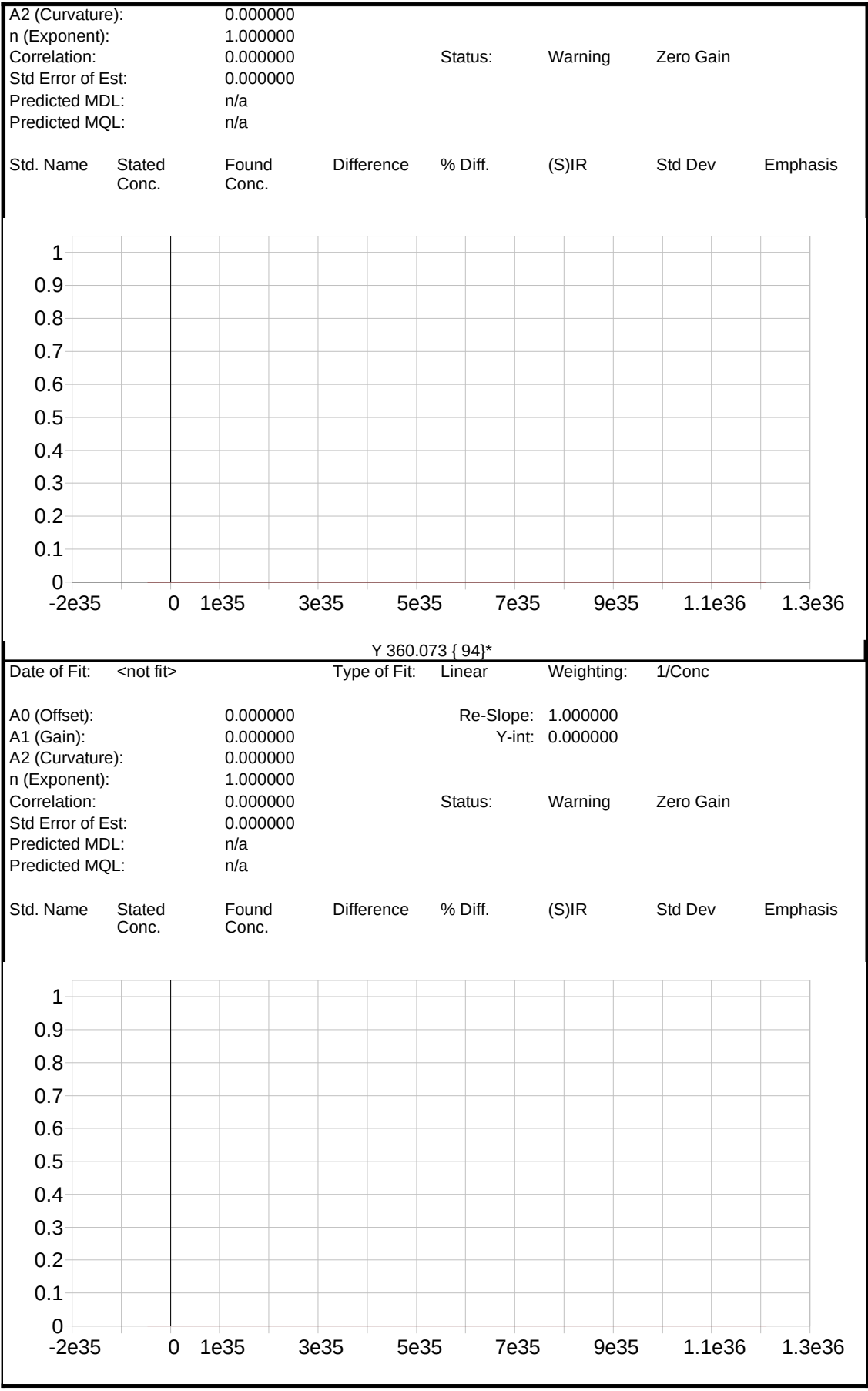
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00200	.000	1
S1	.02000	.02029	.000	1.46	-.00156	.000	1
S3	2.5000	2.5053	.005	.212	.05145	.000	1
S4	5.0000	4.9532	-.047	-.937	.10367	.000	1
S5	10.000	10.041	.041	.412	.21222	.001	1

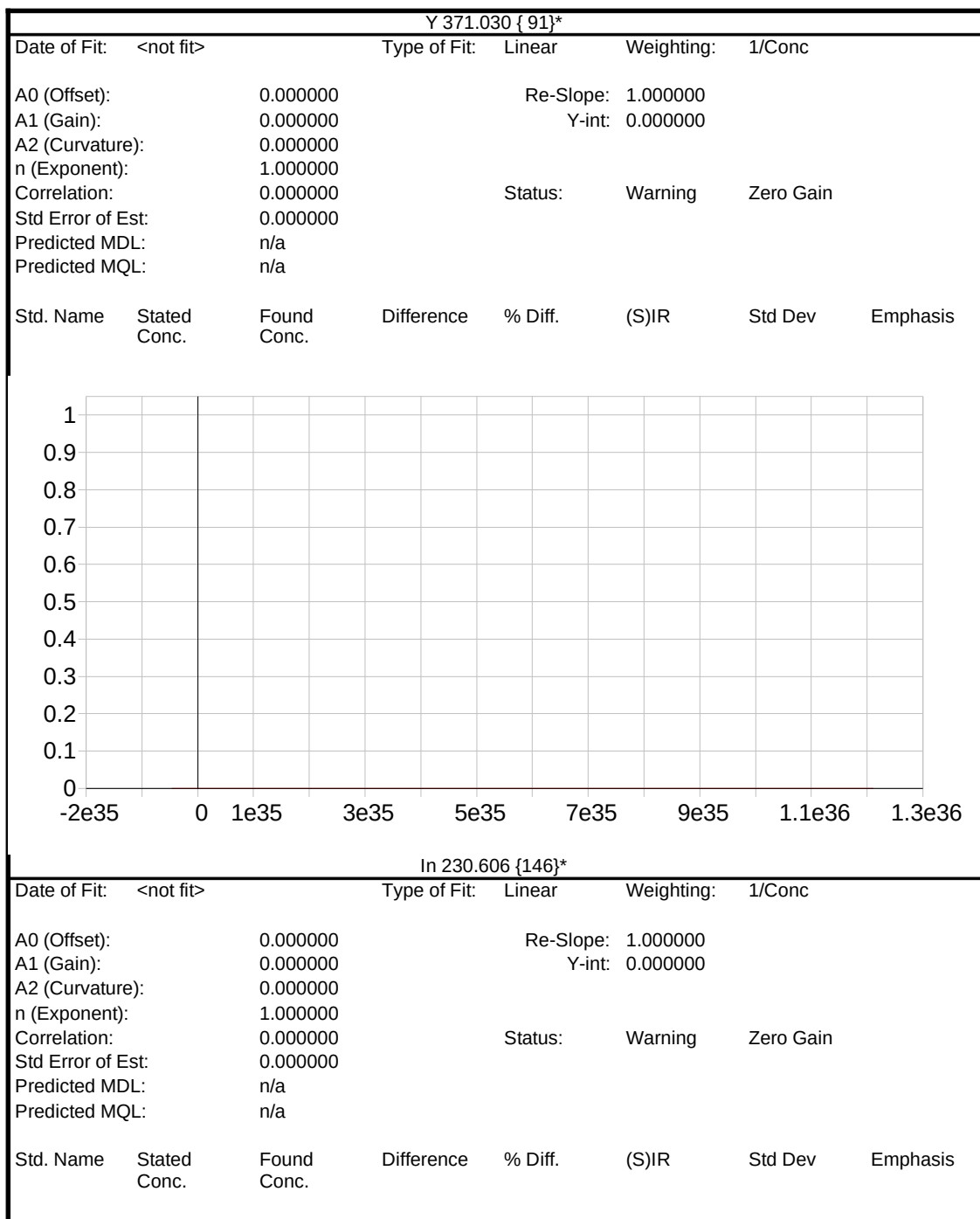


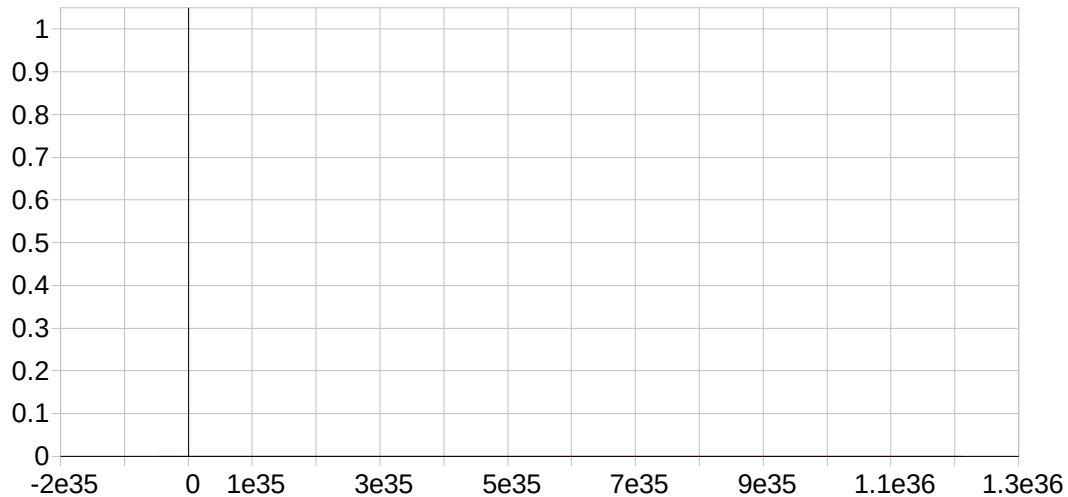
Y 224.306 {450}*

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

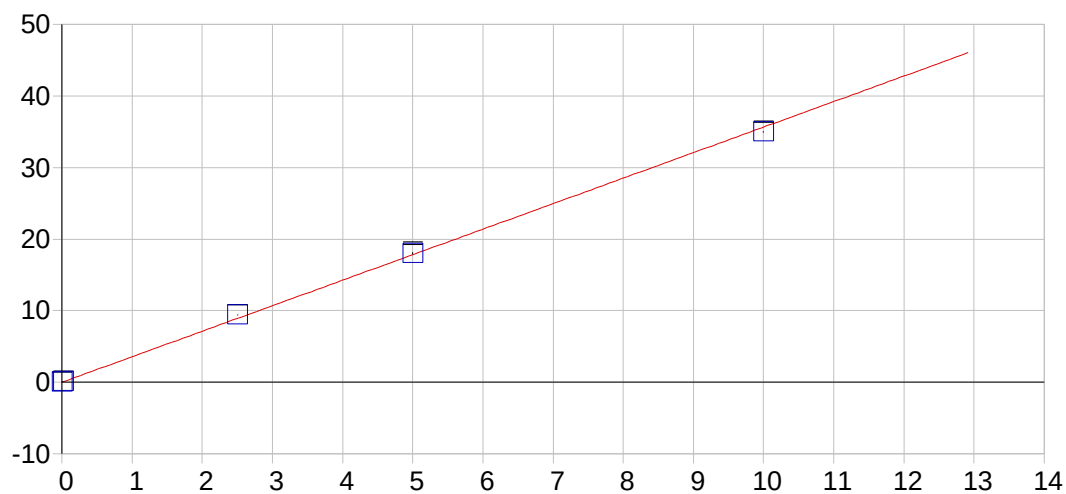
Status: Warning Zero Gain

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: 9/21/2018 11:51:06

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004843

Re-Slope: 1.000000

A1 (Gain): 3.564248

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999679

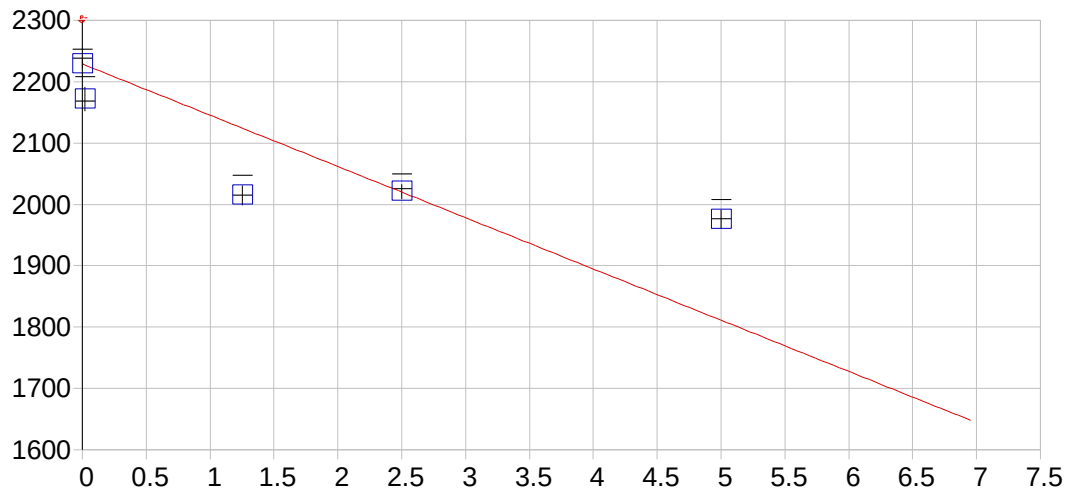
Status: OK.

Std Error of Est: 0.002181

Predicted MDL: 0.000169

Predicted MQL: 0.000562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00485	.000	1
S1	.02000	.02143	.001	7.15	.07154	.000	1
S3	2.5000	2.6336	.134	5.34	9.3819	.021	1
S4	5.0000	5.0514	.051	1.03	18.000	.159	1
S5	10.000	9.8136	-.186	-1.86	34.973	.082	1

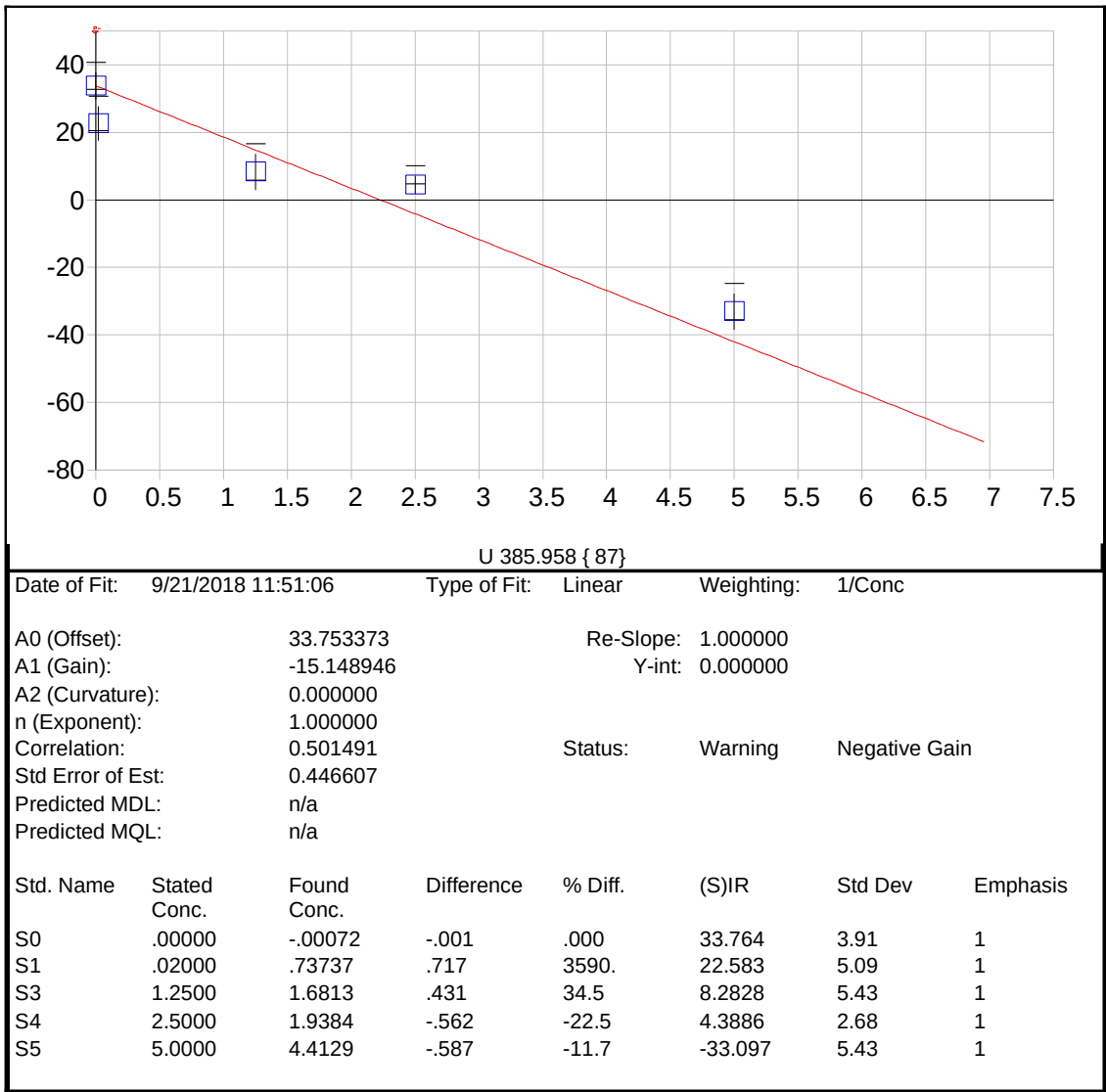


U 367.007 { 92 }

Date of Fit: 9/21/2018 11:51:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2228.922334 Re-Slope: 1.000000
A1 (Gain): -83.535885 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.516064 Status: Warning Negative Gain
Std Error of Est: 2.369358
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	2229.0	7.47	1
S1	.02000	.68309	.663	3320.	2171.9	19.7	1
S3	1.2500	2.5631	1.31	105.	2014.8	16.4	1
S4	2.5000	2.4891	-.011	-.436	2021.0	12.3	1
S5	5.0000	3.0347	-1.97	-39.3	1975.4	15.8	1



Sample Name: S0 Acquired: 9/21/2018 11:27:31 Type: Cal
Method: P4-ICP2(v2447) 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	.00008	-.00037	.00116	.00009	.00046	-.00015	.01528	-.00003
Stddev	.00004	.00005	.00006	.00000	.00006	.00002	.00178	.00002
%RSD	46.763	14.021	4.8012	.77408	14.122	11.613	11.673	59.060

#1	.00011	-.00033	.00112	.00009	.00050	-.00016	.01654	-.00002
#2	.00005	-.00040	.00120	.00009	.00041	-.00013	.01402	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00072	.00003	.00001	.00023	.00081	.00039	.00004	-.00023
Stddev	.00016	.00006	.00001	.00002	.00004	.00013	.00003	.00005
%RSD	21.627	180.52	137.77	9.2736	4.9560	33.815	71.515	21.822

#1	-.00083	-.00001	.00000	.00021	.00078	.00048	.00006	-.00019
#2	-.00061	.00008	.00002	.00024	.00084	.00029	.00002	-.00026

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	-.00207	.00004	.02797	-.00007	.02669	.00474	.00013	-.00011
Stddev	.00006	.00006	.00042	.00004	.00171	.00041	.00013	.00009
%RSD	3.1175	133.16	1.4850	53.612	6.4076	8.6098	97.781	82.740

#1	-.00212	.00000	.02767	-.00005	.02548	.00503	.00023	-.00017
#2	-.00202	.00008	.02826	-.00010	.02790	.00445	.00004	-.00004

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	.00008	.00526	.00027	.00461	.00429	-.0020	-.00485	2229.0
Stddev	.00001	.00020	.00002	.00013	.00071	.0000	.00014	7.5
%RSD	13.697	3.8564	6.0524	2.8464	16.435	.3512	2.9407	.33498

#1	.00007	.00540	.00026	.00452	.00379	-.0020	-.00475	2223.7
#2	.00009	.00511	.00029	.00470	.00479	-.0020	-.00495	2234.3

Sample Name: S0 Acquired: 9/21/2018 11:27:31 Type: Cal
Method: P4-ICP2(v2447) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	33.764
Stddev	3.909
%RSD	11.576

#1	36.528
#2	31.000

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4132.7	98242.	8850.0	228.57	6889.0
Stddev	27.0	426.	124.6	3.98	20.8
%RSD	.65297	.43388	1.4075	1.7406	.30158

#1	4113.6	97940.	8761.9	225.76	6874.3
#2	4151.8	98543.	8938.1	231.38	6903.7

Sample Name: S1 Acquired: 9/21/2018 11:31:34 Type: Cal
Method: P4-ICP2(v2447) 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	.00066	.00157	.00239	.00061	.00468	.00016	.24396	.00179
Stddev	.00012	.00002	.00004	.00001	.00011	.00007	.00041	.00003
%RSD	18.227	1.4633	1.7430	.95842	2.3349	45.412	.16739	1.4033

#1	.00058	.00158	.00236	.00062	.00476	.00011	.24368	.00181
#2	.00075	.00155	.00242	.00061	.00461	.00021	.24425	.00177

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	.00528	.00056	.01415	.00784	.04798	.00866	.00635	.00066
Stddev	.00004	.00004	.00025	.00006	.00035	.00003	.00008	.00003
%RSD	.83387	6.3946	1.7439	.79291	.72048	.37284	1.1988	3.8806

#1	.00525	.00059	.01433	.00780	.04823	.00863	.00640	.00064
#2	.00531	.00053	.01398	.00789	.04774	.00868	.00629	.00068

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	.00241	1.1633	.07483	.00134	.00044	.04361	.00304	.00996
Stddev	.00005	.0004	.00006	.00012	.00002	.00011	.00000	.00035
%RSD	2.0386	.03750	.07770	8.7879	4.9351	.24968	.15693	3.5212

#1	.00244	1.1636	.07487	.00142	.00042	.04354	.00305	.01021
#2	.00237	1.1630	.07479	.00126	.00045	.04369	.00304	.00971

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01924	-.0016	.07154	2171.9	22.583
Stddev	.00049	.0001	.00038	19.7	5.093
%RSD	2.5598	3.773	.52954	.90902	22.552

#1	.01959	-.0016	.07127	2157.9	26.184
#2	.01890	-.0015	.07181	2185.8	18.982

Sample Name: S1 Acquired: 9/21/2018 11:31:34 Type: Cal
Method: P4-ICP2(v2447) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4110.1	97180.	8696.1	224.06	6793.0
Stddev	3.7	292.	31.8	.45	20.5
%RSD	.09003	.30015	.36524	.20131	.30164
#1	4107.5	96974.	8718.5	224.38	6778.6
#2	4112.7	97387.	8673.6	223.74	6807.5

Sample Name: S2 Acquired: 9/21/2018 11:35:38 Type: Cal
Method: P4-ICP2(v2447) 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	.03022	.00798	.20961	.07077
Stddev	.00076	.00018	.00122	.00110
%RSD	2.5299	2.3082	.58378	1.5562

#1	.02968	.00811	.20874	.06999
#2	.03076	.00785	.21047	.07155

Int. Std.	Y_3710
Units	Cts/S
Avg	8605.7
Stddev	58.4
%RSD	.67877

#1	8564.4
#2	8647.0

Sample Name: S3 Acquired: 9/21/2018 11:39:37 Type: Cal
Method: P4-ICP2(v2447) 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	.06502	.09763	.21679	.06732	.20116	.01287	10.745	.03615
Stddev	.00018	.00009	.00041	.00045	.00015	.00008	.036	.00022
%RSD	.28152	.09396	.18984	.66622	.07235	.63899	.33703	.60873

#1	.06489	.09757	.21649	.06700	.20126	.01293	10.720	.03599
#2	.06515	.09770	.21708	.06763	.20106	.01281	10.771	.03630

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	1.1665	.18166	.02453	.51543	.20440	1.1604	.48985	.04794
Stddev	.0050	.00037	.00035	.00103	.00028	.0130	.00256	.00022
%RSD	.43254	.20182	1.4433	.19934	.13777	1.1186	.52317	.45870

#1	1.1700	.18192	.02428	.51470	.20420	1.1512	.48804	.04809
#2	1.1629	.18140	.02478	.51615	.20460	1.1696	.49167	.04778

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	.23634	.03803	1.1425	.06958	32.439	.41367	.89062	.03370
Stddev	.00007	.00015	.0082	.00053	.381	.00173	.00053	.00029
%RSD	.03052	.39076	.71573	.75782	1.1758	.41769	.05930	.86173

#1	.23639	.03793	1.1368	.06921	32.170	.41490	.89100	.03391
#2	.23629	.03814	1.1483	.06996	32.709	.41245	.89025	.03349

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	.03257	.23016	.15309	.30181	.37511	.0515	9.3819	2014.8
Stddev	.00005	.00044	.00050	.00065	.00051	.0001	.0205	16.4
%RSD	.14428	.19168	.32622	.21602	.13627	.1487	.21856	.81201

#1	.03254	.23047	.15274	.30227	.37547	.0515	9.3674	2026.4
#2	.03260	.22984	.15345	.30135	.37474	.0514	9.3964	2003.2

Sample Name: S3 Acquired: 9/21/2018 11:39:37 Type: Cal
Method: P4-ICP2(v2447) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	8.2828
Stddev	5.4279
%RSD	65.533

#1	4.4447
#2	12.121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.5	94524.	8553.5	217.78	6476.2
Stddev	15.8	283.	5.9	2.25	35.9
%RSD	.39027	.29991	.06903	1.0353	.55360

#1	4042.3	94724.	8549.3	219.37	6450.8
#2	4064.6	94323.	8557.7	216.18	6501.5

Sample Name: S4 Acquired: 9/21/2018 11:43:27 Type: Cal
Method: P4-ICP2(v2447) 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	.12436	.18792	.41654	.12797	.38608	.02517	20.650	.06980
Stddev	.00002	.00048	.00023	.00014	.00116	.00020	.221	.00005
%RSD	.01296	.25341	.05435	.10808	.29988	.79252	1.0685	.06722

#1	.12437	.18825	.41670	.12787	.38690	.02503	20.806	.06977
#2	.12435	.18758	.41638	.12807	.38526	.02532	20.494	.06984

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	2.2652	.34859	.04715	.99627	.38920	2.1894	.93449	.09179
Stddev	.0017	.00042	.00013	.00058	.00016	.0198	.00065	.00052
%RSD	.07479	.12178	.27494	.05788	.04149	.90360	.06974	.56138

#1	2.2640	.34889	.04706	.99587	.38932	2.1754	.93403	.09215
#2	2.2664	.34829	.04725	.99668	.38909	2.2033	.93495	.09142

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	.45850	.07294	2.1775	.13316	60.367	.79080	1.7083	.06534
Stddev	.00007	.00048	.0195	.00018	.505	.00393	.0016	.00018
%RSD	.01566	.65896	.89503	.13582	.83702	.49751	.09150	.27890

#1	.45855	.07260	2.1913	.13328	60.725	.79358	1.7094	.06522
#2	.45845	.07328	2.1637	.13303	60.010	.78802	1.7072	.06547

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	.06431	.42811	.29837	.57751	.41570	.1037	18.000	2021.0
Stddev	.00001	.00277	.00023	.00138	.00183	.0004	.159	12.3
%RSD	.01222	.64679	.07561	.23890	.44122	.4179	.88217	.60941

#1	.06431	.43007	.29821	.57848	.41699	.1034	18.112	2012.3
#2	.06432	.42616	.29853	.57653	.41440	.1040	17.887	2029.7

Sample Name: S4 Acquired: 9/21/2018 11:43:27 Type: Cal
Method: P4-ICP2(v2447) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	4.3886
Stddev	2.6836
%RSD	61.149

#1	2.4910
#2	6.2862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.3	94757.	8603.2	219.37	6334.7
Stddev	7.9	97.	64.5	2.13	6.5
%RSD	.19416	.10184	.74996	.97104	.10225

#1	4042.8	94689.	8557.6	217.87	6330.1
#2	4053.9	94825.	8648.9	220.88	6339.3

Sample Name: S5 Acquired: 9/21/2018 11:47:14 Type: Cal
Method: P4-ICP2(v2447) 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	.24315	.36745	.82050	.25025	.75786	.05002	40.461	.13631
Stddev	.00030	.00076	.00102	.00063	.00072	.00019	.026	.00018
%RSD	.12244	.20758	.12432	.25338	.09553	.37068	.06482	.13189

#1	.24336	.36799	.82122	.24980	.75837	.05015	40.442	.13618
#2	.24294	.36691	.81978	.25070	.75735	.04989	40.479	.13644

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5070	.68188	.09133	1.9748	.74706	4.3289	1.8051	.18043
Stddev	.0013	.00261	.00031	.0030	.00021	.0159	.0019	.00055
%RSD	.02976	.38330	.33707	.15372	.02789	.36684	.10480	.30214

#1	4.5079	.68373	.09111	1.9770	.74721	4.3402	1.8038	.18081
#2	4.5060	.68003	.09155	1.9727	.74691	4.3177	1.8065	.18004

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	.90729	.14247	4.2926	.26007	118.50	1.5614	3.3035	.12895
Stddev	.00030	.00046	.0173	.00007	.49	.0048	.0018	.00040
%RSD	.03338	.32467	.40279	.02716	.41699	.30751	.05572	.31180

#1	.90750	.14214	4.3049	.26002	118.85	1.5648	3.3048	.12923
#2	.90707	.14280	4.2804	.26012	118.15	1.5580	3.3022	.12866

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	.13145	.82495	.58829	1.1199	.81875	.2122	34.973	1975.4
Stddev	.00015	.00019	.00023	.0048	.00099	.0005	.082	15.8
%RSD	.11705	.02264	.03881	.43102	.12113	.2475	.23547	.80197

#1	.13156	.82508	.58845	1.1233	.81945	.2118	35.032	1964.2
#2	.13134	.82481	.58812	1.1165	.81804	.2126	34.915	1986.6

Sample Name: S5 Acquired: 9/21/2018 11:47:14 Type: Cal
Method: P4-ICP2(v2447) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-33.097
Stddev	5.428
%RSD	16.400

#1	-36.935
#2	-29.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.6	94134.	8586.9	216.13	6117.3
Stddev	9.8	123.	25.9	1.41	15.1
%RSD	.24289	.13111	.30172	.65460	.24667

#1	4026.6	94047.	8568.5	215.13	6106.7
#2	4040.5	94222.	8605.2	217.13	6128.0

Sample Name: ICV01 Acquired: 9/21/2018 11:51:09 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0834	1.0629	1.0358	1.0900	1.0282	2.6317	.52573
Stddev	.0068	.0060	.0057	.0001	.0041	.0142	.00101
%RSD	.62911	.56792	.54703	.01022	.40199	.53915	.19302

#1	1.0882	1.0672	1.0398	1.0899	1.0312	2.6418	.52644
#2	1.0786	1.0586	1.0318	1.0901	1.0253	2.6217	.52501

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50382	.53139	10.467	.50577	.50960	.50369	5.2446
Stddev	.00233	.00411	.025	.00214	.00375	.00210	.0352
%RSD	.46326	.77421	.23667	.42351	.73536	.41710	.67089

#1	.50217	.53430	10.485	.50728	.51225	.50517	5.2197
#2	.50547	.52848	10.450	.50425	.50695	.50220	5.2695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49638	6.1930	.51853	.50606	10.146	.51496	1.0392
Stddev	.00230	.0667	.00024	.00054	.004	.00117	.0123
%RSD	.46399	1.0777	.04634	.10748	.03519	.22767	1.1784

#1	.49475	6.1458	.51870	.50645	10.143	.51413	1.0305
#2	.49801	6.2402	.51836	.50568	10.148	.51579	1.0478

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.283	2.5852	2.5969	F .00447	2.4318	2.5280	2.5949
Stddev	.075	.0000	.0343	.00683	.0034	.0069	.0034
%RSD	.72629	.00076	1.3193	152.78	.14183	.27316	.13231

#1	10.335	2.5853	2.6211	.00931	2.4294	2.5328	2.5925
#2	10.230	2.5852	2.5727	-.00036	2.4342	2.5231	2.5973

Sample Name: ICV01 Acquired: 9/21/2018 11:51:09 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00920	F .0025	2.4512	F 2.4000	F 2.2596
Stddev	.00765	.0012	.0046	.1221	.2354
%RSD	83.138	47.36	.18900	5.0855	10.420

#1	-.01461	.0016	2.4545	2.3137	2.0931
#2	-.00379	.0033	2.4479	2.4863	2.4261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.5	95390.	8628.6	221.26	6619.8
Stddev	16.7	68.	16.0	2.30	29.5
%RSD	.40722	.07101	.18595	1.0416	.44538

#1	4082.7	95342.	8640.0	222.89	6598.9
#2	4106.3	95438.	8617.3	219.63	6640.6

Sample Name: LLICV01 Acquired: 9/21/2018 12:05:37 Type: Unk
Method: P4-ICP2(v2447) 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	.01735	.04776	.01403	.02078	.05561	.11803	.11069	.00633
Stddev	.00255	.00151	.00031	.00096	.00080	.01077	.00028	.00004
%RSD	14.703	3.1634	2.2038	4.6339	1.4313	9.1281	.25518	.58797
#1	.01915	.04883	.01425	.02146	.05505	.11041	.11089	.00636
#2	.01555	.04670	.01381	.02009	.05618	.12564	.11049	.00631
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	2.1595	.01091	.03378	.02213	.10827	.02305	2.2021
Stddev	.00017	.0195	.00035	.00018	.00003	.01228	.00004	.0083
%RSD	2.5946	.90212	3.1636	.53559	.11392	11.343	.15763	.37813
#1	.00631	2.1732	.01115	.03365	.02215	.11695	.02308	2.2080
#2	.00655	2.1457	.01066	.03391	.02212	.09958	.02303	2.1962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04520	.00987	2.0507	.04689	.04288	2.0845	.21538	.11781
Stddev	.00031	.00029	.0175	.00080	.00087	.0185	.00025	.00197
%RSD	.69035	2.9743	.85418	1.7074	2.0187	.88962	.11565	1.6742
#1	.04542	.00966	2.0631	.04746	.04227	2.0714	.21556	.11641
#2	.04498	.01008	2.0384	.04633	.04349	2.0976	.21521	.11920
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01832	.43543	.04378	.04619	F .17448	.0182	.02093	F 1.9294
Stddev	.00502	.00406	.00045	.00174	.00719	.0009	.00002	.1635
%RSD	27.392	.93156	1.0237	3.7661	4.1234	5.060	.10332	8.4755
#1	.01478	.43256	.04410	.04496	.16940	.0175	.02091	1.8138
#2	.02187	.43830	.04347	.04742	.17957	.0188	.02094	2.0451

Sample Name: LLICV01 Acquired: 9/21/2018 12:05:37 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2001
Stddev .7694
%RSD 64.109

#1 1.7442
#2 .65609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4187.5	97786.	8680.6	226.01	6939.0
Stddev	6.8	70.	54.8	2.72	8.6
%RSD	.16149	.07108	.63186	1.2017	.12367

#1	4182.7	97737.	8719.3	227.93	6932.9
#2	4192.3	97836.	8641.8	224.09	6945.0

Sample Name: ICB01 Acquired: 9/21/2018 12:09:41 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00305	.00005	-.00580	-.00286	.00370	.00064
Stddev	.00267	.00002	.00105	.00070	.00002	.00264	.00051
%RSD	1096.9	.80061	2201.3	12.117	.84622	71.225	79.653

#1	-.00164	.00304	-.00070	-.00630	-.00284	.00184	.00101
#2	.00213	.00307	.00079	-.00530	-.00288	.00557	.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00012	-.01986	.00015	-.00023	.00099	.01649
Stddev	.00007	.00014	.03460	.00083	.00039	.00003	.00337
%RSD	568.81	117.60	174.22	563.03	174.91	2.6659	20.435

#1	.00004	.00022	.00461	-.00044	-.00050	.00097	.01888
#2	-.00006	.00002	-.04432	.00074	.00005	.00101	.01411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03247	.00097	.00001	-.09997	.00009	-.00008
Stddev	.00006	.01907	.00032	.00048	.01526	.00082	.00004
%RSD	690.95	58.724	33.026	7304.3	15.269	948.55	52.870

#1	.00003	-.04595	.00075	.00034	-.11077	-.00049	-.00012
#2	-.00005	-.01898	.00120	-.00033	-.08918	.00067	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07581	-.00006	.00861	-.00050	-.00221	-.00028	.00592
Stddev	.00876	.00056	.00206	.00243	.00631	.00052	.00108
%RSD	11.553	886.87	23.899	488.46	284.91	187.70	18.158

#1	-.06962	-.00046	.00716	.00122	.00225	.00009	.00516
#2	-.08201	.00033	.01007	-.00222	-.00667	-.00065	.00668

Sample Name: ICB01 Acquired: 9/21/2018 12:09:41 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01859	.0035	.00010	F 2.5759	F 1.2993
Stddev	.01062	.0020	.00004	.0341	.0459
%RSD	57.114	57.71	38.155	1.3236	3.5345
#1	-.02609	.0050	.00013	2.5518	1.2668
#2	-.01108	.0021	.00008	2.6000	1.3318
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4163.9	97339.	8647.8	223.80	6955.0
Stddev	28.4	258.	88.2	1.45	29.3
%RSD	.68260	.26555	1.0199	.64628	.42113
#1	4143.8	97156.	8710.2	224.82	6934.3
#2	4184.0	97522.	8585.4	222.78	6975.7

Sample Name: CRI01 Acquired: 9/21/2018 12:26:24 Type: Unk
Method: P4-ICP2(v2447) 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	.02297	.04635	.01444	.02305	.05332	.10826	.10785	.00604
Stddev	.00020	.00096	.00026	.00445	.00238	.00722	.00065	.00002
%RSD	.86178	2.0804	1.8044	19.296	4.4603	6.6687	.60256	.26191
#1	.02283	.04567	.01462	.01991	.05500	.10316	.10831	.00603
#2	.02311	.04703	.01425	.02620	.05163	.11337	.10739	.00605
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	2.0638	.01044	.03252	.02135	.12659	.02242	2.0770
Stddev	.00007	.0048	.00014	.00009	.00027	.00123	.00028	.1106
%RSD	1.1060	.23466	1.3100	.26757	1.2677	.97318	1.2489	5.3258
#1	.00661	2.0604	.01054	.03258	.02116	.12747	.02262	2.1552
#2	.00650	2.0672	.01035	.03245	.02154	.12572	.02222	1.9988
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04288	.00999	1.9345	.04422	.05176	2.0041	.20844	.10948
Stddev	.00079	.00038	.0219	.00006	.00017	.0089	.00067	.00066
%RSD	1.8518	3.7568	1.1318	.13896	.32093	.44160	.31917	.60269
#1	.04232	.00972	1.9500	.04426	.05188	2.0104	.20797	.10994
#2	.04344	.01025	1.9190	.04417	.05165	1.9979	.20891	.10901
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02281	.49844	.04074	.04895	F .16967	.0199	.02096	F 2.1378
Stddev	.00214	.00472	.00032	.00031	.00489	.0009	.00012	.0455
%RSD	9.3735	.94616	.78389	.62478	2.8813	4.559	.58421	2.1270
#1	.02432	.50178	.04097	.04874	.17312	.0193	.02105	2.1699
#2	.02130	.49511	.04052	.04917	.16621	.0205	.02088	2.1056

Sample Name: CRI01 Acquired: 9/21/2018 12:26:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3835
Stddev	.6680
%RSD	48.283

#1	.91118
#2	1.8559

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4229.9	98539.	8747.6	230.37	7149.1
Stddev	8.5	52.	74.1	.56	16.4
%RSD	.20061	.05252	.84660	.24207	.22909

#1	4223.9	98502.	8695.2	229.97	7137.5
#2	4235.9	98575.	8799.9	230.76	7160.7

Sample Name: ICSA01 Acquired: 9/21/2018 12:30:29 Type: Unk
 Method: P4-ICP2(v2447) 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	.00865	-.01138	-.00950	-.01030	.00154	275.43	.00692	.00088
Stddev	.00794	.00076	.00123	.00446	.00048	1.52	.00011	.00011
%RSD	91.793	6.6562	12.914	43.310	30.969	.55060	1.5740	12.838
#1	.00304	-.01084	-.01037	-.01346	.00188	274.36	.00684	.00095
#2	.01427	-.01191	-.00863	-.00715	.00121	276.50	.00700	.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	242.77	.05385	.00032	.00468	99.017	.01074	259.63
Stddev	.00000	.41	.00120	.00043	.00037	.794	.00005	.18
%RSD	.18316	.17005	2.2193	133.72	7.9289	.80170	.45702	.07025
#1	.00211	243.07	.05469	.00062	.00442	99.578	.01070	259.50
#2	.00210	242.48	.05300	.00002	.00494	98.455	.01077	259.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00280	-.00180	-.04989	.00231	.00089	-.09913	-.00019	.02580
Stddev	.00050	.00012	.00011	.00065	.00019	.04630	.00030	.01958
%RSD	17.911	6.5248	.21218	27.990	21.076	46.709	153.23	75.876
#1	-.00245	-.00172	-.04982	.00276	.00102	-.13187	.00002	.03964
#2	-.00316	-.00189	-.04997	.00185	.00075	-.06639	-.00040	.01196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00904	-.00823	.01476	.00279	F .04466	.0074	F .09954	F 4.5212
Stddev	.00456	.00374	.00234	.00182	.00352	.0015	.00026	.0471
%RSD	50.454	45.469	15.869	65.156	7.8903	19.70	.25667	1.0428
#1	.00581	-.00558	.01310	.00150	.04715	.0084	.09972	4.4879
#2	.01226	-.01087	.01642	.00407	.04217	.0064	.09936	4.5546

Sample Name: ICSA01 Acquired: 9/21/2018 12:30:29 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 13.880
Stddev	.032
%RSD	.22912

#1	13.903
#2	13.858

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3901.1	89745.	8535.3	209.28	5692.0
Stddev	18.6	.	36.7	2.59	9.2
%RSD	.47575	.00014	.42945	1.2352	.16177

#1	3888.0	89745.	8509.4	207.45	5685.5
#2	3914.2	89744.	8561.2	211.11	5698.5

Sample Name: ICSAB01 Acquired: 9/21/2018 12:34:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12329	.09932	.04752	.05271	.61746	276.84	.54023	.53972
Stddev	.00158	.00473	.00260	.01121	.00027	.07	.00043	.00076
%RSD	1.2804	4.7601	5.4681	21.264	.04361	.02539	.07885	.14008
#1	.12440	.09598	.04935	.06063	.61765	276.79	.54053	.54025
#2	.12217	.10267	.04568	.04478	.61727	276.89	.53992	.53918
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0774	243.62	.55820	.51333	.49539	100.01	.52744	259.18
Stddev	.0007	.54	.00084	.00146	.00151	.38	.00133	.58
%RSD	.06090	.22290	.15122	.28504	.30426	.38069	.25176	.22434
#1	1.0769	243.24	.55760	.51437	.49432	99.743	.52650	258.77
#2	1.0778	244.01	.55880	.51230	.49646	100.28	.52838	259.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0198	.19319	-.02875	.50977	.98894	-.01099	.00778	.02443
Stddev	.0020	.00121	.00299	.00177	.00919	.04053	.00020	.02609
%RSD	.19604	.62722	10.406	.34670	.92956	368.71	2.5624	106.79
#1	1.0212	.19405	-.03087	.50852	.98244	-.03965	.00792	.04288
#2	1.0184	.19234	-.02664	.51102	.99544	.01767	.00764	.00598
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01578	.00380	.01975	.01339	F .04930	F .0169	.10650	F 4.9130
Stddev	.00885	.00155	.00071	.00005	.01540	.0006	.00004	.3654
%RSD	56.097	40.815	3.5709	.34725	31.233	3.845	.04180	7.4368
#1	.00952	.00490	.01925	.01343	.06019	.0164	.10647	5.1713
#2	.02204	.00270	.02025	.01336	.03841	.0173	.10653	4.6546

Sample Name: ICSAB01 Acquired: 9/21/2018 12:34:36 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 13.805
 Stddev .404
 %RSD 2.9260

#1 13.519
 #2 14.090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.0	89453.	8506.8	207.10	5725.8
Stddev	13.9	108.	14.6	.90	21.8
%RSD	.35602	.12047	.17131	.43490	.38090

#1	3901.2	89377.	8517.1	207.74	5710.4
#2	3920.9	89529.	8496.5	206.47	5741.2

Sample Name: CCV01 Acquired: 9/21/2018 12:52:45 Type: Unk
Method: P4-ICP2(v2447) 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	5.0156	4.9721	4.9897	5.0710	5.1064	10.473	10.215	.25169
Stddev	.0110	.0002	.0175	.0257	.0117	.112	.077	.00020
%RSD	.21945	.00397	.35042	.50648	.22945	1.0705	.75507	.08124
#1	5.0078	4.9723	4.9774	5.0528	5.0982	10.393	10.270	.25155
#2	5.0234	4.9720	5.0021	5.0891	5.1147	10.552	10.161	.25184
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4909	25.344	1.0038	2.4963	1.2841	5.0706	2.5431	25.130
Stddev	.0053	.094	.0016	.0080	.0003	.0603	.0025	.005
%RSD	.21233	.37271	.15817	.31967	.01990	1.1901	.09890	.01793
#1	2.4872	25.278	1.0027	2.4907	1.2839	5.1133	2.5449	25.127
#2	2.4946	25.411	1.0049	2.5019	1.2843	5.0279	2.5413	25.133
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5038	1.2481	25.246	2.5189	2.5462	25.417	5.0973	5.1568
Stddev	.0066	.0008	.214	.0011	.0184	.215	.0052	.0461
%RSD	.26212	.06757	.84568	.04229	.72154	.84656	.10199	.89466
#1	2.4991	1.2475	25.397	2.5196	2.5592	25.569	5.0936	5.1894
#2	2.5084	1.2487	25.095	2.5181	2.5332	25.265	5.1010	5.1241
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0203	4.8882	4.9878	5.0513	F 4.7249	5.070	5.0629	F 3.2626
Stddev	.0419	.0530	.0144	.0062	.0013	.024	.0314	.1422
%RSD	.83475	1.0836	.28932	.12273	.02677	.4669	.61996	4.3589
#1	4.9907	4.9256	4.9776	5.0557	4.7240	5.053	5.0851	3.3631
#2	5.0499	4.8507	4.9980	5.0469	4.7258	5.087	5.0407	3.1620

Sample Name: CCV01 Acquired: 9/21/2018 12:52:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1767
Stddev .5466
%RSD 17.206

#1 3.5632
#2 2.7902

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4149.2	96310.	8784.3	222.60	6517.0
Stddev	5.9	74.	79.1	2.19	9.3
%RSD	.14312	.07638	.90086	.98228	.14239

#1	4145.0	96258.	8728.3	221.05	6510.4
#2	4153.4	96362.	8840.2	224.14	6523.5

Sample Name: CCB01 Acquired: 9/21/2018 12:56:29 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	.00465	.00002	.00209	-.00190	-.00290	.00070	-.00001
Stddev	.00492	.00022	.00135	.00085	.00028	.03428	.00050	.00012
%RSD	218.51	4.7044	8525.6	40.798	14.782	1182.3	70.999	1272.9
#1	-.00573	.00449	.00097	.00269	-.00210	.02134	.00105	-.00010
#2	.00123	.00480	-.00094	.00149	-.00171	-.02714	.00035	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	-.03022	.00048	.00015	-.00022	.01820	-.00001	.01374
Stddev	.00010	.01780	.00105	.00017	.00039	.02003	.00011	.02570
%RSD	54.404	58.906	218.88	111.99	174.59	110.06	1414.5	187.04
#1	.00011	-.01763	-.00026	.00003	-.00050	.03236	-.00008	-.00443
#2	.00026	-.04281	.00122	.00027	.00005	.00403	.00007	.03191
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00023	-.14831	.00033	-.00018	-.08679	.00054	.00892
Stddev	.00013	.00007	.00322	.00032	.00008	.00989	.00038	.00063
%RSD	11.041	30.007	2.1686	95.655	46.132	11.391	69.369	7.0777
#1	.00125	.00028	-.14604	.00011	-.00024	-.09378	.00081	.00847
#2	.00107	.00018	-.15059	.00056	-.00012	-.07980	.00028	.00936
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00262	.00034	.00542	-.00916	-.0006	.00018	F 2.6554
Stddev	.00397	.00018	.00015	.00307	.00695	.0008	.00005	.1720
%RSD	309.66	7.0533	43.637	56.690	75.965	127.4	28.996	6.4771
#1	-.00409	-.00249	.00045	.00325	-.00424	-.0001	.00015	2.7770
#2	.00152	-.00275	.00024	.00759	-.01407	-.0012	.00022	2.5338

Sample Name: CCB01 Acquired: 9/21/2018 12:56:29 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6950
Stddev	.0655
%RSD	3.8655

#1	1.6487
#2	1.7414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4239.0	98496.	8804.6	230.38	7103.2
Stddev	21.5	241.	14.3	.04	25.0
%RSD	.50828	.24485	.16292	.01814	.35185

#1	4223.8	98326.	8794.5	230.41	7085.5
#2	4254.3	98667.	8814.8	230.35	7120.9

Sample Name: J4931-12 Acquired: 9/21/2018 14:28:22 Type: Unk
Method: P4-ICP2(v2447) 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	.00129	.00381	.00539	.00236	-.00593	-.01791	.02325
Stddev	.00107	.00163	.00066	.00632	.00112	.00602	.00028
%RSD	82.737	42.820	12.232	267.48	18.947	33.613	1.2031

#1	.00205	.00496	.00585	-.00211	-.00673	-.01365	.02345
#2	.00054	.00265	.00492	.00683	-.00514	-.02217	.02305

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00038	F 65.820	-.00142	-.00058	.00162	-.02061
Stddev	.00008	.00004	.824	.00039	.00036	.00004	.01538
%RSD	350.55	10.646	1.2519	27.210	63.133	2.1737	74.614

#1	-.00003	-.00041	65.237	-.00169	-.00032	.00164	-.00973
#2	.00008	-.00035	66.403	-.00115	-.00084	.00159	-.03148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00866	F 154.42	-.00269	-.00029	F 1175.8	.00125	.00038
Stddev	.00009	.28	.00052	.00032	.5	.00010	.00004
%RSD	1.0055	.17935	19.461	108.63	.04482	7.6696	10.652

#1	.00872	154.61	-.00232	-.00052	1175.4	.00118	.00035
#2	.00860	154.22	-.00306	-.00007	1176.2	.00132	.00041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.271	.00145	F .54914	F 126.83	F .90165	F -.04374	.00604
Stddev	.490	.00050	.01968	.12	.00633	.00154	.00046
%RSD	.95596	34.407	3.5835	.09303	.70252	3.5318	7.6284

#1	50.924	.00180	.53522	126.91	.89717	-.04264	.00637
#2	51.617	.00110	.56305	126.75	.90613	-.04483	.00572

Sample Name: J4931-12 Acquired: 9/21/2018 14:28:22 Type: Unk
 Method: P4-ICP2(v2447) 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	.18395	F .0768	F .94764	F 4.2137	F 5.9156
Stddev	.00683	.0002	.01056	.1571	.3168
%RSD	3.7113	.2267	1.1147	3.7281	5.3550

#1	.17912	.0769	.94017	4.3247	5.6916
#2	.18878	.0766	.95511	4.1026	6.1396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.8	90268.	9138.5	230.86	5654.1
Stddev	2.0	64.	42.6	2.05	5.2
%RSD	.05080	.07091	.46595	.88725	.09183

#1	3875.4	90223.	9168.6	229.41	5650.4
#2	3878.2	90314.	9108.4	232.31	5657.7

Sample Name: J4084-04 Acquired: 9/21/2018 13:00:35 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00492	.00548	-.00019	.00154	-.01000	.03890	.00048	.00002
Stddev	.00247	.00156	.00180	.00313	.00211	.01395	.00004	.00006
%RSD	50.133	28.407	955.35	203.25	21.075	35.869	9.0498	256.14

#1	-.00318	.00658	-.00146	.00376	-.00851	.04876	.00051	.00007
#2	-.00667	.00438	.00108	-.00067	-.01149	.02903	.00045	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.02529	-.00004	-.00003	.00101	-.00086	.00008	-.01882
Stddev	.00017	.01729	.00072	.00008	.00123	.00273	.00001	.00335
%RSD	86.902	68.341	2022.8	254.14	122.27	318.90	7.5197	17.777

#1	.00032	.01307	-.00055	-.00008	.00014	-.00279	.00008	-.01645
#2	.00008	.03752	.00048	.00002	.00187	.00108	.00009	-.02118

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00019	-.02983	.00025	-.00003	-.06578	.22590	.16483
Stddev	.00033	.00036	.01026	.00015	.00001	.01341	.00055	.00757
%RSD	73.729	188.65	34.388	60.579	23.097	20.381	.24550	4.5933

#1	.00021	-.00006	-.03708	.00014	-.00003	-.07526	.22629	.15948
#2	.00067	.00044	-.02257	.00036	-.00004	-.05630	.22551	.17019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	1.2337	1.8051	.07065	-.02272	-.0015	.00014	1.9341
Stddev	.00239	.0134	.0040	.00178	.00286	.0034	.00001	.1155
%RSD	94.900	1.0835	.22109	2.5164	12.595	226.6	5.8190	5.9694

#1	.00420	1.2242	1.8079	.07190	-.02475	.0009	.00015	2.0157
#2	.00083	1.2431	1.8023	.06939	-.02070	-.0039	.00014	1.8524

Sample Name: J4084-04 Acquired: 9/21/2018 13:00:35 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1536
 Stddev .1242
 %RSD 10.769

#1 1.0658
 #2 1.2415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4276.5	100060.	8836.9	230.12	7148.4
Stddev	14.5	108.	41.8	.82	31.5
%RSD	.33849	.10792	.47265	.35546	.44019

#1	4266.2	100140.	8866.4	230.70	7126.2
#2	4286.7	99986.	8807.4	229.54	7170.7

Sample Name: J4085-05 Acquired: 9/21/2018 13:04:39 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00461	.00325	.00031	.00166	-.00988	.05551	.00055	-.00003
Stddev	.00533	.00029	.00042	.00333	.00126	.01764	.00086	.00014
%RSD	115.76	8.8683	137.45	200.68	12.742	31.778	156.05	402.61

#1	-.00084	.00346	.00060	-.00069	-.01077	.04304	-.00006	-.00013
#2	-.00837	.00305	.00001	.00401	-.00899	.06798	.00116	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00135	-.00019	-.00005	-.00020	-.00868	.00007	.00455
Stddev	.00013	.00503	.00022	.00005	.00050	.01227	.00001	.01377
%RSD	60.592	373.25	114.37	104.11	256.72	141.25	16.343	302.66

#1	.00012	-.00221	-.00035	-.00001	.00016	-.01736	.00008	.01428
#2	.00031	.00491	-.00004	-.00008	-.00055	-.00001	.00007	-.00519

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	.00032	-.03014	-.00003	-.00020	-.11117	.22297	.14342
Stddev	.00018	.00021	.00398	.00018	.00002	.01290	.00110	.01181
%RSD	15.920	65.681	13.198	623.28	8.5023	11.606	.49322	8.2320

#1	.00100	.00017	-.02733	.00010	-.00022	-.10205	.22219	.13507
#2	.00126	.00046	-.03295	-.00016	-.00019	-.12029	.22375	.15177

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	1.1908	1.7810	.06882	-.00214	.0009	.00015	1.5626
Stddev	.00084	.0075	.0131	.00078	.01592	.0012	.00001	.0028
%RSD	427.97	.62622	.73766	1.1333	743.10	135.3	5.0160	.18078

#1	-.00079	1.1961	1.7717	.06937	-.01340	.0018	.00014	1.5606
#2	.00040	1.1855	1.7902	.06827	.00911	.0000	.00015	1.5646

Sample Name: J4085-05 Acquired: 9/21/2018 13:04:39 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1915
 Stddev .1033
 %RSD 8.6664

#1 1.1185
 #2 1.2645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4324.3	101450.	8991.9	232.11	7234.0
Stddev	13.1	59.	24.4	1.62	17.6
%RSD	.30356	.05831	.27130	.69884	.24395

#1	4315.0	101500.	9009.2	230.96	7221.5
#2	4333.6	101410.	8974.7	233.25	7246.4

Sample Name: J4930-01 Acquired: 9/21/2018 13:14:52 Type: Unk
Method: P4-ICP2(v2447) 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	-.00011	.00177	.00484	.00530	-.00484	-.02698	.02264
Stddev	.00037	.00256	.00110	.00075	.00215	.00773	.00042
%RSD	351.81	144.63	22.688	14.177	44.417	28.640	1.8356

#1	.00016	-.00004	.00561	.00477	-.00332	-.03245	.02294
#2	-.00037	.00358	.00406	.00583	-.00636	-.02152	.02235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00048	F 70.524	-.00095	-.00028	.00256	-.02321
Stddev	.00004	.00001	.576	.00061	.00004	.00021	.00357
%RSD	45.246	2.4018	.81681	64.463	15.665	8.2211	15.360

#1	.00011	-.00047	70.116	-.00052	-.00025	.00271	-.02069
#2	.00006	-.00049	70.931	-.00138	-.00031	.00241	-.02573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00916	F 171.03	-.00363	-.00067	F 1336.7	.00087	.00114
Stddev	.00007	1.28	.00104	.00008	12.9	.00024	.00000
%RSD	.71208	.74763	28.687	12.375	.96763	28.070	.27414

#1	.00911	170.12	-.00290	-.00072	1327.6	.00104	.00114
#2	.00921	171.93	-.00437	-.00061	1345.9	.00070	.00113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.901	.00118	F .59245	F 140.61	F .88502	F -.04907	.00290
Stddev	.408	.00005	.02062	.67	.00139	.00044	.00159
%RSD	.71632	4.4363	3.4802	.47295	.15754	.90644	54.876

#1	56.613	.00121	.57787	140.14	.88601	-.04938	.00403
#2	57.189	.00114	.60703	141.08	.88404	-.04875	.00178

Sample Name: J4930-01 Acquired: 9/21/2018 13:14:52 Type: Unk
 Method: P4-ICP2(v2447) 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	.22331	F .0818	F 1.0444	F 4.6504	F 6.2139
Stddev	.00218	.0009	.0082	.1920	.3224
%RSD	.97779	1.082	.78870	4.1292	5.1890

#1	.22486	.0825	1.0386	4.5146	5.9859
#2	.22177	.0812	1.0502	4.7861	6.4419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.2	89921.	8998.4	229.50	5590.3
Stddev	17.6	186.	22.7	.41	14.6
%RSD	.45575	.20690	.25220	.18024	.26155

#1	3879.7	90052.	9014.4	229.79	5600.6
#2	3854.7	89789.	8982.3	229.20	5580.0

Sample Name: J4930-01DUP Acquired: 9/21/2018 13:19:01 Type: Unk
Method: P4-ICP2(v2447) 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	.00382	.00096	.00522	.00192	-.00684	-.03320	.02370
Stddev	.00072	.00130	.00026	.00249	.00143	.00086	.00041
%RSD	18.914	135.04	4.9110	129.64	20.853	2.5790	1.7265

#1	.00331	.00004	.00504	.00016	-.00785	-.03380	.02399
#2	.00433	.00188	.00540	.00368	-.00583	-.03259	.02341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00025	F 71.586	-.00117	-.00056	.00238	-.01340
Stddev	.00002	.00008	.052	.00022	.00003	.00039	.00485
%RSD	435.62	30.809	.07320	18.379	5.3311	16.516	36.173

#1	.00001	-.00030	71.623	-.00102	-.00054	.00210	-.01683
#2	-.00001	-.00019	71.549	-.00133	-.00058	.00265	-.00997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00935	F 172.55	-.00256	-.00033	F 1364.9	.00173	.00108
Stddev	.00002	.27	.00027	.00039	6.3	.00012	.00010
%RSD	.25107	.15629	10.678	119.12	.46488	6.7315	9.2645

#1	.00937	172.74	-.00237	-.00061	1369.4	.00181	.00116
#2	.00933	172.36	-.00275	-.00005	1360.4	.00165	.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.038	.00194	F .63077	F 142.73	F .90339	F -.04960	.00248
Stddev	.167	.00064	.00168	.21	.00213	.00284	.00075
%RSD	.28761	33.158	.26657	.14558	.23545	5.7163	30.155

#1	57.920	.00148	.63196	142.58	.90188	-.04760	.00195
#2	58.156	.00239	.62958	142.88	.90489	-.05161	.00301

Sample Name: J4930-01DUP Acquired: 9/21/2018 13:19:01 Type: Unk
 Method: P4-ICP2(v2447) 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	.22807	F .0832	F 1.0612	F 4.9066	F 5.6836
Stddev	.01028	.0033	.0027	.1404	.3530
%RSD	4.5056	3.924	.25421	2.8619	6.2105

#1	.23534	.0809	1.0593	4.8073	5.9331
#2	.22080	.0855	1.0631	5.0059	5.4340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.0	88969.	8890.6	226.31	5539.7
Stddev	4.9	635.	23.9	3.11	6.1
%RSD	.12689	.71343	.26925	1.3761	.10941

#1	3839.4	89417.	8907.5	228.51	5544.0
#2	3832.5	88520.	8873.7	224.11	5535.4

Sample Name: J4930-01LX5 Acquired: 9/21/2018 13:23:11 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00089	.00078	.00094	.00566	-.00367	-.01029	.00499	.00003
Stddev	.00182	.00051	.00133	.00529	.00220	.01486	.00047	.00005
%RSD	205.08	64.460	141.48	93.424	59.739	144.44	9.3945	194.52
#1	.00040	.00114	.00188	.00192	-.00523	.00022	.00532	-.00001
#2	-.00218	.00043	-.00000	.00940	-.00212	-.02080	.00466	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	F 15.706	.00022	.00016	.00155	-.00634	.00195	F 36.381
Stddev	.00003	.079	.00077	.00002	.00029	.00301	.00001	.054
%RSD	19.783	.50019	348.50	9.2918	18.553	47.416	.49684	.14820
#1	-.00015	15.650	.00077	.00017	.00134	-.00847	.00196	36.343
#2	-.00011	15.761	-.00032	.00015	.00175	-.00422	.00195	36.419
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00018	F 299.05	.00039	-.00000	F 12.076	.00016	F .14717
Stddev	.00003	.00035	1.62	.00053	.00017	.005	.00050	.00451
%RSD	2.5903	201.95	.54160	137.56	7669.2	.04410	319.96	3.0657
#1	-.00115	.00007	297.91	.00076	.00012	12.080	.00051	.15036
#2	-.00111	-.00043	300.20	.00001	-.00013	12.072	-.00020	.14397
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.575	F .19995	-.00854	.00538	.10401	F .0114	F .23138	F 4.4347
Stddev	.004	.00260	.00024	.00063	.00758	.0025	.00088	.2659
%RSD	.01375	1.3006	2.7670	11.664	7.2882	21.99	.38213	5.9961
#1	27.578	.19811	-.00871	.00583	.09865	.0132	.23201	4.6228
#2	27.572	.20179	-.00837	.00494	.10937	.0096	.23076	4.2467

Sample Name: J4930-01LX5 Acquired: 9/21/2018 13:23:11 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2758
Stddev .2910
%RSD 8.8836

#1 3.4816
#2 3.0700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.6	90778.	8602.1	221.11	5997.9
Stddev	19.5	159.	50.2	1.60	24.8
%RSD	.50180	.17567	.58330	.72293	.41277

#1	3878.8	90665.	8637.6	222.24	5980.4
#2	3906.4	90890.	8566.6	219.98	6015.4

Sample Name: J4930-01MS Acquired: 9/21/2018 13:27:22 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.90605	2.0014	1.0699	2.3162	.84802	2.2413	.22877	.22393	.22049
Stddev	.00203	.0292	.0117	.0053	.00517	.0041	.00167	.00020	.00199
%RSD	.22376	1.4586	1.0890	.22716	.60911	.18488	.72952	.08816	.90266

#1	.90462	1.9808	1.0617	2.3124	.84436	2.2442	.22759	.22379	.21909
#2	.90748	2.0221	1.0781	2.3199	.85167	2.2384	.22995	.22407	.22190

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.707	.42149	.20914	.29551	3.1621	.21376	169.44	.53739	.07897
Stddev	.544	.00113	.00205	.00321	.0367	.00015	.62	.00177	.00051
%RSD	.76953	.26714	.98249	1.0878	1.1616	.06948	.36455	.32959	.64953

#1	70.322	.42069	.20768	.29324	3.1881	.21387	169.01	.53613	.07861
#2	71.092	.42229	.21059	.29778	3.1361	.21366	169.88	.53864	.07934

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	1315.1	.30921	.20580	67.078	.40588	.88969	137.74	1.7842	.69449
Stddev	2.3	.00103	.00030	.209	.00334	.02031	.88	.0272	.00554
%RSD	.17226	.33326	.14696	.31226	.82181	2.2826	.63995	1.5243	.79834

#1	1313.5	.30848	.20558	66.930	.40352	.87533	137.12	1.7650	.69057
#2	1316.7	.30994	.20601	67.227	.40824	.90405	138.36	1.8034	.69841

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20429	2.1055	7.301	1.2298	4.5568	4.7276
Stddev	.00471	.0078	.035	.0046	.1467	.2340
%RSD	2.3070	.37010	.4824	.37314	3.2193	4.9498

#1	.20096	2.1110	7.276	1.2265	4.4531	4.5621
#2	.20763	2.1000	7.326	1.2330	4.6605	4.8930

Sample Name: J4930-01MS Acquired: 9/21/2018 13:27:22 Type: Unk
Method: P4-ICP2(v2447) 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	3904.7	91211.	8995.6	227.61	5603.9
Stddev	20.3	79.	61.4	.07	29.5
%RSD	.51925	.08693	.68220	.02917	.52701
#1	3919.0	91267.	9039.0	227.66	5624.7
#2	3890.3	91155.	8952.2	227.56	5583.0

Sample Name: J4930-01MSD Acquired: 9/21/2018 13:31:21 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.92095	2.0376	1.0815	2.3361	.86339	2.2619	.22962	.22570	.22287
Stddev	.00838	.0044	.0056	.0151	.00309	.0382	.00592	.00098	.00022
%RSD	.90942	.21593	.51932	.64478	.35805	1.6908	2.5769	.43338	.09762
#1	.91503	2.0407	1.0775	2.3254	.86120	2.2348	.22543	.22501	.22272
#2	.92687	2.0345	1.0855	2.3467	.86558	2.2889	.23380	.22640	.22303
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.156	.42533	.21193	.29901	3.1773	.21527	169.86	.54358	.07858
Stddev	1.130	.00129	.00101	.00135	.0464	.00073	4.04	.00295	.00064
%RSD	1.6107	.30291	.47607	.45270	1.4611	.33850	2.3777	.54326	.81642
#1	69.356	.42442	.21264	.29805	3.1445	.21475	167.01	.54149	.07813
#2	70.955	.42624	.21121	.29996	3.2102	.21578	172.72	.54566	.07904
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	1300.5	.30827	.20512	66.398	.41408	.90624	138.72	1.7555	.70727
Stddev	8.2	.00345	.00009	1.224	.00136	.02066	.51	.0219	.00432
%RSD	.63110	1.1181	.04444	1.8442	.32793	2.2800	.36848	1.2465	.61090
#1	1294.7	.30583	.20506	65.532	.41312	.89163	139.09	1.7400	.71033
#2	1306.3	.31071	.20519	67.264	.41504	.92085	138.36	1.7710	.70422
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20996	2.1276	7.410	1.2219	4.5618	4.8721			
Stddev	.00957	.0650	.004	.0226	.0011	.2578			
%RSD	4.5588	3.0559	.0606	1.8508	.02414	5.2915			
#1	.20319	2.0817	7.407	1.2059	4.5626	4.6898			
#2	.21672	2.1736	7.413	1.2379	4.5611	5.0544			

Sample Name: J4930-01MSD Acquired: 9/21/2018 13:31:21 Type: Unk
Method: P4-ICP2(v2447) 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	3867.3	90616.	9075.8	228.39	5553.4
Stddev	6.7	285.	120.3	.22	14.5
%RSD	.17206	.31480	1.3254	.09628	.26077
#1	3872.0	90818.	9160.8	228.23	5543.2
#2	3862.6	90414.	8990.7	228.55	5563.6

Sample Name: J4930-01A Acquired: 9/21/2018 13:35:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	F .90822	F 2.0110	F 1.0697	F 2.3017	F .85381	F 2.2461	F .22870	F .22633
Stddev	.00113	.0024	.0002	.0096	.00048	.0075	.00100	.00066
%RSD	.12414	.11699	.01516	.41655	.05624	.33584	.43567	.29272

#1	.90743	2.0127	1.0698	2.3085	.85347	2.2408	.22799	.22586
#2	.90902	2.0094	1.0696	2.2949	.85415	2.2515	.22940	.22680

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .22051	F 70.365	F .42635	F .20946	F .29644	F 3.2050	F .21508	F 169.58
Stddev	.00064	.135	.00349	.00192	.00092	.0306	.00042	.10
%RSD	.29215	.19157	.81805	.91657	.30914	.95408	.19401	.06063

#1	.22096	70.269	.42389	.21081	.29708	3.2267	.21478	169.51
#2	.22005	70.460	.42882	.20810	.29579	3.1834	.21537	169.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .53818	F .07991	F 1300.9	F .31042	F .20471	F 67.037	F .40991	F .89841
Stddev	.00084	.00083	15.3	.00366	.00037	.202	.00146	.00992
%RSD	.15592	1.0355	1.1795	1.1803	.18154	.30121	.35684	1.1036

#1	.53877	.08049	1290.0	.31301	.20497	66.894	.41095	.90542
#2	.53758	.07932	1311.7	.30783	.20445	67.180	.40888	.89139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 138.22	F 1.7667	F .69861	F .20543	2.1323	F 7.335	F 1.2302	F 4.6071
Stddev	.59	.0153	.00522	.00173	.0002	.018	.0030	.4125
%RSD	.42810	.86798	.74712	.84415	.00779	.2454	.24383	8.9546

#1	138.64	1.7775	.70230	.20420	2.1322	7.347	1.2280	4.3154
#2	137.80	1.7558	.69492	.20665	2.1325	7.322	1.2323	4.8988

Sample Name: J4930-01A Acquired: 9/21/2018 13:35:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.0937
Stddev .2940
%RSD 5.7721

#1 4.8858
#2 5.3016

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3875.9	90152.	9008.8	227.11	5566.6
Stddev	5.6	338.	31.8	.58	18.4
%RSD	.14563	.37445	.35296	.25416	.33118

#1	3871.9	90391.	9031.3	226.70	5553.6
#2	3879.8	89913.	8986.3	227.52	5579.7

Sample Name: J4931-02 Acquired: 9/21/2018 13:39:18 Type: Unk
Method: P4-ICP2(v2447) 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	.00227	.00415	.00547	.00454	-.00388	-.03793	.02296
Stddev	.00150	.00253	.00070	.00210	.00105	.01835	.00009
%RSD	65.992	60.870	12.860	46.324	26.975	48.370	.38244

#1	.00121	.00594	.00497	.00602	-.00314	-.02495	.02290
#2	.00332	.00237	.00596	.00305	-.00462	-.05090	.02302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00038	F 69.621	-.00040	.00008	.00204	-.01878
Stddev	.00007	.00003	.320	.00017	.00010	.00015	.00150
%RSD	50.969	7.1220	.45962	43.777	136.32	7.5304	8.0032

#1	.00009	-.00036	69.847	-.00028	.00015	.00193	-.01984
#2	.00018	-.00040	69.395	-.00052	.00000	.00215	-.01772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00970	F 166.15	-.00337	-.00049	F 1289.2	.00166	.00110
Stddev	.00000	.78	.00029	.00134	14.2	.00008	.00006
%RSD	.03731	.46841	8.7567	276.28	1.1023	4.8240	5.8211

#1	.00970	166.70	-.00316	-.00144	1299.2	.00160	.00105
#2	.00971	165.59	-.00357	.00046	1279.1	.00172	.00114

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.661	.00184	F .59060	F 137.94	F .90429	F -.04749	.00330
Stddev	.368	.00053	.01520	.35	.00495	.00015	.00332
%RSD	.66191	28.908	2.5731	.25321	.54753	.31357	100.53

#1	55.921	.00222	.57986	138.19	.90779	-.04759	.00095
#2	55.400	.00146	.60135	137.69	.90079	-.04738	.00565

Sample Name: J4931-02 Acquired: 9/21/2018 13:39:18 Type: Unk
Method: P4-ICP2(v2447) 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	.20014	F .0811	F 1.0224	F 4.8666	F 5.6781
Stddev	.00729	.0013	.0082	.0030	.0453
%RSD	3.6439	1.585	.80009	.06239	.79760

#1	.19499	.0802	1.0282	4.8688	5.6461
#2	.20530	.0820	1.0166	4.8645	5.7102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3830.4	89149.	8969.8	229.52	5546.8
Stddev	10.5	152.	21.8	.41	14.7
%RSD	.27481	.17055	.24268	.18034	.26544

#1	3822.9	89256.	8954.4	229.81	5536.4
#2	3837.8	89041.	8985.2	229.22	5557.2

Sample Name: J4931-03 Acquired: 9/21/2018 13:43:24 Type: Unk
Method: P4-ICP2(v2447) 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	.00509	.00368	.00444	.00365	-.00653	-.03759	.02388
Stddev	.00150	.00185	.00070	.00466	.00198	.03319	.00140
%RSD	29.440	50.169	15.787	127.45	30.292	88.298	5.8585

#1	.00403	.00238	.00394	.00695	-.00513	-.01412	.02289
#2	.00615	.00499	.00493	.00036	-.00793	-.06106	.02487

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00037	F 70.106	-.00052	-.00029	.00252	-.01263
Stddev	.00002	.00008	.254	.00051	.00006	.00028	.01341
%RSD	60.217	20.953	.36261	99.198	19.745	10.943	106.13

#1	.00004	-.00032	69.926	-.00088	-.00033	.00232	-.02211
#2	.00002	-.00043	70.286	-.00015	-.00025	.00271	-.00315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00816	F 166.30	-.00362	-.00068	F 1292.0	.00232	.00074
Stddev	.00006	.40	.00115	.00112	8.2	.00036	.00015
%RSD	.75382	.24175	31.851	166.48	.63485	15.372	19.597

#1	.00812	166.02	-.00280	-.00147	1297.8	.00257	.00064
#2	.00821	166.59	-.00443	.00012	1286.2	.00206	.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.436	.00192	F .60126	F 136.11	F .92408	F -.04731	.00410
Stddev	.087	.00017	.01119	.86	.01312	.00097	.00345
%RSD	.15631	8.6982	1.8609	.63066	1.4202	2.0548	84.089

#1	55.375	.00204	.60917	135.50	.91480	-.04799	.00166
#2	55.498	.00180	.59335	136.72	.93336	-.04662	.00654

Sample Name: J4931-03 Acquired: 9/21/2018 13:43:24 Type: Unk
 Method: P4-ICP2(v2447) 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	.21207	F .0802	F 1.0228	F 4.8652	F 5.6867
Stddev	.00189	.0032	.0017	.0920	.1787
%RSD	.89210	3.975	.16627	1.8904	3.1433

#1	.21340	.0780	1.0216	4.9302	5.8131
#2	.21073	.0825	1.0240	4.8002	5.5603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.7	89418.	8846.6	223.49	5550.5
Stddev	10.6	79.	49.9	.75	28.2
%RSD	.27536	.08847	.56370	.33388	.50751

#1	3849.2	89474.	8881.8	224.01	5570.5
#2	3834.2	89362.	8811.3	222.96	5530.6

Sample Name: CCV02 Acquired: 9/21/2018 13:47:30 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	5.3145	5.1974	5.1827	5.3955	5.3963	F 11.151	10.838	.26181
Stddev	.0153	.0173	.0162	.0384	.0210	.033	.074	.00096
%RSD	.28706	.33221	.31201	.71243	.38828	.29423	.68195	.36758

#1	5.3253	5.2096	5.1941	5.4227	5.4111	11.128	10.890	.26112
#2	5.3037	5.1852	5.1713	5.3683	5.3815	11.174	10.786	.26249

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5829	26.390	1.0362	2.6022	1.3522	5.2413	2.6330	25.956
Stddev	.0013	.071	.0021	.0019	.0097	.0445	.0003	.096
%RSD	.04974	.26854	.20448	.07333	.72067	.84951	.01031	.36830

#1	2.5838	26.440	1.0347	2.6035	1.3591	5.2099	2.6328	25.888
#2	2.5820	26.340	1.0377	2.6008	1.3453	5.2728	2.6331	26.023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6124	1.3067	F 27.609	2.6214	2.5701	27.223	5.3691	5.3626
Stddev	.0066	.0002	.254	.0019	.0098	.218	.0150	.0155
%RSD	.25232	.01433	.92085	.07288	.38271	.80055	.27842	.28933

#1	2.6077	1.3069	27.789	2.6228	2.5631	27.377	5.3796	5.3516
#2	2.6171	1.3066	27.430	2.6201	2.5770	27.068	5.3585	5.3736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2726	5.0219	5.1833	5.3269	5.0697	5.361	5.3633	F 3.6045
Stddev	.0163	.0278	.0087	.0162	.0298	.012	.0398	.0766
%RSD	.30823	.55401	.16867	.30323	.58821	.2146	.74267	2.1250

#1	5.2841	5.0415	5.1895	5.3383	5.0908	5.369	5.3914	3.6586
#2	5.2611	5.0022	5.1772	5.3155	5.0486	5.353	5.3351	3.5503

Sample Name: CCV02 Acquired: 9/21/2018 13:47:30 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5365
Stddev .3010
%RSD 11.868

#1 2.3237
#2 2.7494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4021.7	94779.	8819.9	224.00	6359.3
Stddev	19.5	292.	55.1	.35	15.0
%RSD	.48384	.30842	.62470	.15520	.23552

#1	4007.9	94572.	8780.9	224.25	6348.7
#2	4035.4	94985.	8858.9	223.76	6369.9

Sample Name: CCB02 Acquired: 9/21/2018 13:51:14 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00299	.00281	-.00084	-.00019	-.00349	.00560	-.00031	.00001
Stddev	.00262	.00310	.00012	.00007	.00052	.02480	.00002	.00002
%RSD	87.387	110.09	13.986	35.174	14.830	443.05	6.2926	183.52
#1	-.00114	.00500	-.00075	-.00023	-.00312	.02313	-.00033	-.00000
#2	-.00484	.00062	-.00092	-.00014	-.00385	-.01194	-.00030	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00536	.00043	-.00013	.00054	.00703	.00005	.00616
Stddev	.00009	.02651	.00057	.00009	.00014	.02128	.00005	.00890
%RSD	170.27	494.22	132.62	65.840	25.793	302.63	86.339	144.40
#1	.00011	-.01338	.00003	-.00007	.00064	.02208	.00008	.01246
#2	-.00001	.02411	.00083	-.00019	.00044	-.00801	.00002	-.00013
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	.00035	F 1.1333	.00048	-.00016	.17565	.00049	.01723
Stddev	.00044	.00021	.0204	.00088	.00008	.03503	.00072	.00348
%RSD	34.031	59.252	1.7986	182.80	51.359	19.943	145.17	20.177
#1	.00098	.00020	1.1477	-.00014	-.00010	.15088	.00100	.01969
#2	.00160	.00049	1.1189	.00110	-.00022	.20042	-.00001	.01477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00057	-.00002	.00665	F .02721	-.0026	.00023	F 2.4605
Stddev	.00080	.00106	.00048	.00044	.00140	.0010	.00004	.0169
%RSD	44.839	187.02	3006.8	6.6355	5.1411	38.39	16.408	.68541
#1	-.00122	-.00132	-.00035	.00696	.02820	-.0019	.00026	2.4724
#2	-.00236	.00018	.00032	.00633	.02622	-.0033	.00021	2.4486

Sample Name: CCB02 Acquired: 9/21/2018 13:51:14 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2193
Stddev .6430
%RSD 52.735

#1 1.6739
#2 .76462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.3	98830.	8853.1	228.09	7038.2
Stddev	22.9	506.	65.9	.73	18.6
%RSD	.54878	.51154	.74436	.32129	.26379

#1	4165.1	98472.	8899.7	228.61	7025.0
#2	4197.5	99187.	8806.5	227.57	7051.3

Sample Name: J4931-04 Acquired: 9/21/2018 13:55:18 Type: Unk
Method: P4-ICP2(v2447) 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	.00417	.00113	.00395	.00106	-.00820	-.04152	.02274
Stddev	.00293	.00188	.00064	.00308	.00018	.00534	.00021
%RSD	70.235	166.10	16.113	290.42	2.2222	12.856	.92094

#1	.00624	.00247	.00440	.00323	-.00833	-.04530	.02259
#2	.00210	-.00020	.00350	-.00112	-.00807	-.03775	.02289

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00038	F 67.424	-.00140	-.00021	.00242	-.02211
Stddev	.00014	.00003	.732	.00054	.00033	.00092	.00102
%RSD	110.28	7.7475	1.0861	38.442	155.55	37.891	4.6264

#1	.00022	-.00040	66.906	-.00178	.00002	.00306	-.02284
#2	.00003	-.00036	67.942	-.00102	-.00044	.00177	-.02139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00781	F 159.94	-.00277	-.00095	F 1244.2	.00135	.00037
Stddev	.00014	.40	.00063	.00035	20.0	.00040	.00003
%RSD	1.7665	.24958	22.623	36.835	1.6044	29.502	8.2885

#1	.00771	159.66	-.00321	-.00070	1230.1	.00163	.00039
#2	.00791	160.22	-.00232	-.00120	1258.3	.00107	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.177	.00120	F .56394	F 132.81	F .89284	F -.04645	.00414
Stddev	.631	.00053	.00542	.70	.01242	.00044	.00054
%RSD	1.1857	43.816	.96182	.52527	1.3914	.94883	13.086

#1	52.731	.00083	.56778	133.31	.88405	-.04677	.00452
#2	53.623	.00157	.56011	132.32	.90162	-.04614	.00376

Sample Name: J4931-04 Acquired: 9/21/2018 13:55:18 Type: Unk
 Method: P4-ICP2(v2447) 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	.18276	F .0859	F .98203	F 4.4169	F 5.6975
Stddev	.00196	.0035	.00980	.1590	.0273
%RSD	1.0740	4.133	.99843	3.5999	.47999

#1	.18414	.0834	.97509	4.3045	5.6781
#2	.18137	.0884	.98896	4.5293	5.7168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.9	90899.	9110.9	231.64	5648.4
Stddev	6.6	584.	110.1	1.74	.2
%RSD	.16875	.64208	1.2088	.74902	.00439

#1	3899.5	91311.	9188.7	232.87	5648.2
#2	3890.2	90486.	9033.0	230.41	5648.5

Sample Name: J4931-05 Acquired: 9/21/2018 13:59:25 Type: Unk
Method: P4-ICP2(v2447) 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	.00109	-.00003	.00555	.00143	-.00759	-.02040	.02318
Stddev	.00728	.00062	.00117	.00606	.00163	.00548	.00014
%RSD	668.83	2080.1	21.146	424.25	21.464	26.843	.62500

#1	-.00406	.00041	.00638	-.00286	-.00874	-.01653	.02308
#2	.00623	-.00047	.00472	.00572	-.00643	-.02428	.02329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00035	F 74.645	-.00036	-.00043	.00223	-.00618
Stddev	.00001	.00002	.378	.00088	.00008	.00062	.02185
%RSD	76.807	5.3603	.50693	243.59	18.719	27.816	353.31

#1	.00001	-.00033	74.378	-.00099	-.00049	.00179	.00926
#2	.00002	-.00036	74.913	.00026	-.00037	.00267	-.02163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	F 182.73	-.00322	-.00068	F 1416.3	.00152	.00047
Stddev	.00011	.77	.00030	.00032	7.3	.00030	.00002
%RSD	1.5472	.42045	9.2500	47.797	.51259	19.861	3.9883

#1	.00693	182.19	-.00301	-.00045	1411.2	.00130	.00046
#2	.00709	183.28	-.00343	-.00090	1421.4	.00173	.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.524	.00138	F .65818	F 151.69	F .94263	F -.05269	.00256
Stddev	.259	.00028	.02422	.25	.00062	.00002	.00086
%RSD	.42038	20.540	3.6797	.16706	.06558	.03493	33.760

#1	61.342	.00118	.64105	151.87	.94220	-.05270	.00317
#2	61.707	.00158	.67530	151.51	.94307	-.05267	.00195

Sample Name: J4931-05 Acquired: 9/21/2018 13:59:25 Type: Unk
 Method: P4-ICP2(v2447) 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	.22614	F .0882	F 1.1234	F 4.8502	F 5.6735
Stddev	.00045	.0048	.0019	.0967	.1843
%RSD	.19798	5.447	.17165	1.9939	3.2480

#1	.22582	.0916	1.1220	4.9186	5.8038
#2	.22645	.0848	1.1247	4.7818	5.5432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.1	88602.	8893.9	222.33	5518.7
Stddev	10.6	68.	54.4	.31	7.5
%RSD	.27861	.07619	.61113	.13982	.13601

#1	3829.7	88650.	8932.4	222.11	5524.0
#2	3814.6	88554.	8855.5	222.55	5513.4

Sample Name: J4931-06 Acquired: 9/21/2018 14:03:33 Type: Unk
Method: P4-ICP2(v2447) 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	.00412	.00057	.00410	-.00179	-.00554	-.04012	.02249
Stddev	.00361	.00246	.00087	.00560	.00045	.02627	.00010
%RSD	87.591	431.62	21.211	313.39	8.1214	65.474	.42867

#1	.00668	.00231	.00471	-.00575	-.00523	-.05869	.02242
#2	.00157	-.00117	.00348	.00217	-.00586	-.02154	.02256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00038	F 73.572	-.00064	-.00010	.00162	-.00998
Stddev	.00008	.00024	.551	.00011	.00002	.00003	.00528
%RSD	73.087	63.453	.74844	16.903	23.202	1.5638	52.906

#1	.00017	-.00054	73.183	-.00056	-.00008	.00160	-.01371
#2	.00005	-.00021	73.962	-.00071	-.00011	.00164	-.00625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00691	F 181.93	-.00359	.00018	F 1383.9	.00155	.00044
Stddev	.00000	.13	.00115	.00051	1.0	.00063	.00008
%RSD	.06742	.07393	31.945	277.04	.07300	40.309	17.261

#1	.00691	181.83	-.00278	-.00018	1384.6	.00200	.00049
#2	.00691	182.03	-.00440	.00055	1383.2	.00111	.00039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.628	.00139	F .64172	F 150.86	F .91775	F -.05124	.00424
Stddev	.583	.00078	.00273	.13	.00438	.00178	.00374
%RSD	.96108	55.917	.42567	.08532	.47716	3.4682	88.140

#1	60.216	.00194	.63979	150.77	.91465	-.05250	.00160
#2	61.040	.00084	.64365	150.95	.92084	-.04998	.00688

Sample Name: J4931-06 Acquired: 9/21/2018 14:03:33 Type: Unk
 Method: P4-ICP2(v2447) 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	.23458	F .0890	F 1.1074	F 4.7375	F 5.5338
Stddev	.00617	.0040	.0069	.0802	.3689
%RSD	2.6300	4.449	.61929	1.6927	6.6655

#1	.23021	.0862	1.1026	4.6808	5.7946
#2	.23894	.0918	1.1123	4.7942	5.2729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3823.7	89237.	9046.2	227.69	5529.7
Stddev	2.0	25.	91.4	2.52	8.1
%RSD	.05257	.02811	1.0106	1.1075	.14652

#1	3822.3	89255.	9110.8	229.48	5535.4
#2	3825.2	89220.	8981.5	225.91	5523.9

Sample Name: J4931-07 Acquired: 9/21/2018 14:07:40 Type: Unk
Method: P4-ICP2(v2447) 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	.00101	.00091	.00582	.00271	-.00572	-.01669	.02248
Stddev	.00365	.00352	.00049	.00123	.00017	.00066	.00033
%RSD	361.48	385.31	8.3578	45.312	3.0151	3.9708	1.4697

#1	.00359	.00340	.00547	.00358	-.00560	-.01716	.02271
#2	-.00157	-.00157	.00616	.00184	-.00584	-.01622	.02224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00038	F 71.939	-.00146	.00002	.00250	-.01824
Stddev	.00012	.00019	.605	.00009	.00007	.00001	.00426
%RSD	158.37	50.733	.84060	6.0378	379.12	.21534	23.330

#1	.00017	-.00024	72.366	-.00152	-.00003	.00249	-.02125
#2	-.00001	-.00051	71.511	-.00139	.00007	.00250	-.01523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01008	F 176.33	-.00294	-.00028	F 1342.7	.00154	.00037
Stddev	.00004	.08	.00051	.00024	21.2	.00005	.00009
%RSD	.40291	.04473	17.470	85.279	1.5813	3.1910	25.674

#1	.01011	176.38	-.00258	-.00045	1357.7	.00150	.00030
#2	.01006	176.27	-.00331	-.00011	1327.7	.00157	.00043

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.005	.00158	F .60972	F 146.95	F .90878	F -.05104	.00266
Stddev	.632	.00038	.00243	.15	.00131	.00043	.00097
%RSD	1.0719	24.182	.39883	.10099	.14440	.85136	36.306

#1	59.452	.00185	.60800	146.85	.90971	-.05135	.00335
#2	58.557	.00131	.61144	147.06	.90785	-.05073	.00198

Sample Name: J4931-07 Acquired: 9/21/2018 14:07:40 Type: Unk
 Method: P4-ICP2(v2447) 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	.22002	F .0823	F 1.0784	F 4.9625	F 6.2480
Stddev	.00203	.0040	.0135	.1526	.3531
%RSD	.92239	4.909	1.2534	3.0759	5.6511

#1	.22145	.0794	1.0879	4.8546	5.9984
#2	.21858	.0851	1.0688	5.0705	6.4977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.2	89280.	9073.2	229.37	5546.7
Stddev	5.7	313.	99.4	1.25	9.5
%RSD	.14827	.35083	1.0961	.54636	.17159

#1	3837.2	89501.	9002.9	228.48	5553.4
#2	3829.1	89058.	9143.6	230.25	5540.0

Sample Name: J4931-08 Acquired: 9/21/2018 14:11:48 Type: Unk
Method: P4-ICP2(v2447) 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	.00521	.00393	.00332	.00136	-.00540	-.02498	.02330
Stddev	.00142	.00107	.00153	.00022	.00200	.01029	.00001
%RSD	27.315	27.207	46.142	16.436	37.092	41.211	.02782

#1	.00622	.00469	.00224	.00120	-.00398	-.01770	.02330
#2	.00420	.00317	.00440	.00152	-.00681	-.03226	.02329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00042	F 73.400	-.00112	-.00025	.00226	-.01980
Stddev	.00000	.00006	.640	.00007	.00005	.00054	.01193
%RSD	4.5376	13.295	.87224	6.2796	18.775	23.976	60.249

#1	-.00007	-.00046	72.947	-.00107	-.00028	.00264	-.02823
#2	-.00008	-.00038	73.853	-.00117	-.00022	.00187	-.01136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	F 178.38	-.00332	.00007	F 1361.9	.00093	.00044
Stddev	.00006	1.06	.00026	.00116	10.7	.00083	.00004
%RSD	.82299	.59405	7.7997	1702.3	.78244	89.654	8.1847

#1	.00779	177.63	-.00314	.00089	1354.3	.00152	.00042
#2	.00789	179.13	-.00351	-.00075	1369.4	.00034	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.718	.00196	F .62657	F 146.30	F .92971	F -.05046	.00525
Stddev	.677	.00028	.01341	1.39	.01201	.00058	.00184
%RSD	1.1343	14.179	2.1403	.95124	1.2916	1.1472	34.986

#1	59.239	.00215	.63605	145.32	.92122	-.05087	.00395
#2	60.197	.00176	.61709	147.29	.93820	-.05005	.00655

Sample Name: J4931-08 Acquired: 9/21/2018 14:11:48 Type: Unk
Method: P4-ICP2(v2447) 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	.21500	F .0847	F 1.0905	F 4.7548	F 5.6667
Stddev	.00894	.0022	.0090	.1327	.2902
%RSD	4.1595	2.608	.82335	2.7910	5.1214

#1	.20868	.0832	1.0841	4.8486	5.4615
#2	.22133	.0863	1.0968	4.6609	5.8719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.2	89273.	8866.5	224.32	5539.3
Stddev	19.9	59.	91.4	2.43	33.2
%RSD	.52132	.06637	1.0308	1.0836	.59992

#1	3840.3	89315.	8931.1	226.04	5562.8
#2	3812.1	89231.	8801.9	222.61	5515.8

Sample Name: J4931-09 Acquired: 9/21/2018 14:15:56 Type: Unk
Method: P4-ICP2(v2447) 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	.00476	.00136	.00484	.00551	-.00643	-.04318	.02221
Stddev	.00509	.00007	.00165	.00468	.00289	.00640	.00049
%RSD	106.79	5.2270	34.068	84.935	45.041	14.820	2.1872

#1	.00836	.00131	.00600	.00220	-.00847	-.04771	.02255
#2	.00117	.00141	.00367	.00882	-.00438	-.03866	.02187

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00037	F 69.539	-.00044	-.00042	.00253	-.02195
Stddev	.00014	.00010	.425	.00006	.00013	.00009	.01130
%RSD	192.78	26.919	.61177	14.818	29.887	3.7216	51.470

#1	-.00003	-.00030	69.840	-.00048	-.00051	.00260	-.02994
#2	.00017	-.00044	69.238	-.00039	-.00034	.00247	-.01396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	F 165.42	-.00333	.00016	F 1266.4	.00175	.00047
Stddev	.00006	.01	.00011	.00088	15.3	.00098	.00004
%RSD	.75342	.00390	3.3489	552.00	1.2113	55.949	7.7673

#1	.00759	165.42	-.00341	.00078	1277.2	.00106	.00044
#2	.00767	165.42	-.00326	-.00046	1255.5	.00244	.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.607	.00199	F .58716	F 135.54	F .90601	F -.04688	.00267
Stddev	.238	.00032	.01273	.55	.00278	.00185	.00107
%RSD	.42741	16.055	2.1676	.40837	.30654	3.9421	40.249

#1	55.775	.00176	.59616	135.14	.90798	-.04558	.00343
#2	55.439	.00222	.57816	135.93	.90405	-.04819	.00191

Sample Name: J4931-09 Acquired: 9/21/2018 14:15:56 Type: Unk
 Method: P4-ICP2(v2447) 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	.21719	F .0820	F 1.0230	F 4.7434	F 5.9039
Stddev	.00735	.0015	.0029	.0419	.4906
%RSD	3.3847	1.824	.27999	.88353	8.3097

#1	.22238	.0809	1.0250	4.7730	5.5570
#2	.21199	.0830	1.0210	4.7137	6.2508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.5	89990.	8948.4	226.46	5599.2
Stddev	5.1	71.	29.1	3.12	25.4
%RSD	.13309	.07875	.32523	1.3789	.45359

#1	3864.2	90040.	8927.8	228.66	5617.2
#2	3856.9	89940.	8969.0	224.25	5581.3

Sample Name: J4931-10 Acquired: 9/21/2018 14:20:05 Type: Unk
Method: P4-ICP2(v2447) 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	-.00101	.00017	.00430	-.00103	-.00665	-.02465	.02321
Stddev	.00011	.00162	.00003	.00377	.00020	.02170	.00120
%RSD	10.950	971.53	.58406	366.21	2.9537	88.026	5.1608

#1	-.00109	-.00098	.00428	-.00370	-.00651	-.00931	.02406
#2	-.00093	.00132	.00432	.00164	-.00679	-.04000	.02237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00048	F 69.965	-.00078	-.00001	.00230	-.02989
Stddev	.00015	.00005	.164	.00001	.00011	.00018	.01893
%RSD	230.77	10.403	.23479	.73203	1056.4	7.6297	63.327

#1	-.00004	-.00051	69.849	-.00079	-.00009	.00217	-.04328
#2	.00018	-.00044	70.081	-.00078	.00007	.00242	-.01651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00768	F 166.59	-.00308	-.00025	F 1280.6	.00118	.00110
Stddev	.00001	.44	.00004	.00084	15.0	.00017	.00009
%RSD	.18267	.26613	1.3986	342.03	1.1724	14.065	8.4359

#1	.00769	166.28	-.00311	.00035	1291.2	.00130	.00103
#2	.00767	166.91	-.00305	-.00084	1270.0	.00106	.00116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.114	.00189	F .58910	F 137.30	F .91955	F -.04697	.00438
Stddev	.267	.00031	.00816	.06	.00973	.00018	.00022
%RSD	.47661	16.368	1.3848	.04222	1.0584	.38885	4.9896

#1	55.925	.00167	.58333	137.26	.92643	-.04710	.00422
#2	56.303	.00211	.59487	137.34	.91267	-.04684	.00453

Sample Name: J4931-10 Acquired: 9/21/2018 14:20:05 Type: Unk
 Method: P4-ICP2(v2447) 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	.21858	F .0801	F 1.0276	F 5.1007	F 5.8538
Stddev	.00212	.0057	.0026	.1298	.5437
%RSD	.97195	7.073	.25528	2.5448	9.2880

#1	.21708	.0841	1.0257	5.0089	6.2383
#2	.22008	.0761	1.0294	5.1925	5.4694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.4	88998.	8940.3	227.40	5571.0
Stddev	2.2	222.	50.3	1.57	7.2
%RSD	.05637	.24956	.56250	.69255	.12956

#1	3836.9	88841.	8975.9	228.51	5576.1
#2	3839.9	89155.	8904.8	226.29	5565.9

Sample Name: J4931-11 Acquired: 9/21/2018 14:24:14 Type: Unk
Method: P4-ICP2(v2447) 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	.00236	.00344	.00320	.00715	-.00400	-.01899	.02250
Stddev	.00011	.00050	.00209	.00221	.00368	.00069	.00022
%RSD	4.5579	14.410	65.231	30.875	91.992	3.6369	.96668

#1	.00228	.00379	.00468	.00559	-.00140	-.01948	.02266
#2	.00244	.00309	.00172	.00871	-.00661	-.01850	.02235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00049	F 67.808	-.00069	.00007	.00254	F -.01179
Stddev	.00008	.00011	.284	.00043	.00014	.00043	.00452
%RSD	108.78	22.120	.41903	61.768	182.91	17.050	38.312

#1	-.00002	-.00057	68.009	-.00039	.00017	.00223	-.01498
#2	-.00012	-.00041	67.607	-.00099	-.00002	.00285	-.00859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00765	F 158.81	-.00316	-.00056	F 1218.4	.00144	.00023
Stddev	.00007	.77	.00022	.00061	24.3	.00028	.00007
%RSD	.95568	.48676	7.0984	108.57	1.9978	19.142	29.987

#1	.00760	159.35	-.00300	-.00013	1235.6	.00164	.00018
#2	.00770	158.26	-.00332	-.00099	1201.2	.00125	.00028

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 53.511	.00170	F .57889	F 131.05	F .90212	F -.04565	.00529
Stddev	.076	.00054	.01387	.28	.00212	.00023	.00041
%RSD	.14142	31.962	2.3963	.21209	.23548	.50423	7.6775

#1	53.565	.00209	.58870	131.25	.90062	-.04548	.00558
#2	53.458	.00132	.56909	130.86	.90362	-.04581	.00501

Sample Name: J4931-11 Acquired: 9/21/2018 14:24:14 Type: Unk
 Method: P4-ICP2(v2447) 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	.19294	.0816	F .98670	F 4.9220	F 5.4826
Stddev	.00526	.0007	.00169	.1885	.0856
%RSD	2.7284	.8770	.17177	3.8296	1.5613

#1	.18922	.0821	.98550	5.0553	5.5431
#2	.19666	.0810	.98790	4.7887	5.4221

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3854.4	90011.	8994.2	229.13	5616.2
Stddev	6.8	81.	22.1	1.01	11.2
%RSD	.17531	.09033	.24583	.43869	.19913

#1	3849.6	89954.	8978.6	229.84	5608.3
#2	3859.2	90069.	9009.8	228.41	5624.1

Sample Name: CCV03 Acquired: 9/21/2018 14:41:08 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.9155	4.8316	4.7881	5.0080	5.0178	10.394	9.9492	.24185
Stddev	.0120	.0072	.0013	.0218	.0293	.035	.1074	.00109
%RSD	.24401	.14836	.02687	.43479	.58349	.33358	1.0798	.44997
#1	4.9240	4.8367	4.7872	5.0234	5.0385	10.369	10.025	.24108
#2	4.9070	4.8265	4.7890	4.9926	4.9971	10.418	9.8732	.24262
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3840	24.478	.95741	2.3983	1.2559	4.8895	2.4298	24.185
Stddev	.0002	.093	.00055	.0011	.0049	.0150	.0091	.085
%RSD	.00661	.37860	.05758	.04768	.38929	.30601	.37353	.35029
#1	2.3839	24.413	.95702	2.3991	1.2593	4.9001	2.4234	24.245
#2	2.3841	24.544	.95780	2.3975	1.2524	4.8789	2.4362	24.126
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4105	1.2097	25.391	2.4264	2.3805	24.912	4.9760	4.9861
Stddev	.0022	.0003	.107	.0038	.0110	.130	.0132	.0296
%RSD	.08962	.02785	.42275	.15808	.46072	.52274	.26483	.59410
#1	2.4090	1.2099	25.467	2.4237	2.3883	25.004	4.9853	4.9652
#2	2.4120	1.2095	25.316	2.4291	2.3728	24.820	4.9667	5.0070
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8920	4.6233	4.7811	4.9539	4.6197	4.980	4.9253	F 2.6979
Stddev	.0119	.0349	.0005	.0255	.0043	.010	.0559	.1113
%RSD	.24305	.75574	.00968	.51506	.09309	.1998	1.1351	4.1257
#1	4.9004	4.6480	4.7815	4.9719	4.6166	4.972	4.9648	2.6192
#2	4.8836	4.5986	4.7808	4.9359	4.6227	4.987	4.8857	2.7766

Sample Name: CCV03 Acquired: 9/21/2018 14:41:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3659
Stddev .6118
%RSD 18.177

#1 2.9333
#2 3.7985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4166.2	98502.	9181.3	232.15	6627.0
Stddev	29.6	409.	38.8	1.83	27.6
%RSD	.71050	.41554	.42227	.78932	.41673

#1	4145.3	98792.	9153.9	230.85	6607.5
#2	4187.1	98213.	9208.8	233.45	6646.5

Sample Name: CCB03 Acquired: 9/21/2018 14:44:52 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00064	.00493	.00005	-.00138	-.00412	.00849	-.00073	-.00011
Stddev	.00239	.00044	.00024	.00713	.00022	.01865	.00050	.00000
%RSD	372.66	9.0068	464.98	514.51	5.3119	219.64	68.890	.62814

#1	-.00233	.00462	.00022	-.00642	-.00428	-.00470	-.00109	-.00011
#2	.00105	.00525	-.00012	.00365	-.00397	.02168	-.00037	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00838	.00020	-.00016	.00045	-.00165	.00001	.08176
Stddev	.00004	.00211	.00055	.00003	.00022	.00297	.00007	.04498
%RSD	35.148	25.214	280.34	18.117	48.750	179.82	439.07	55.020

#1	.00009	-.00987	-.00019	-.00018	.00030	.00045	.00006	.11356
#2	.00016	-.00688	.00058	-.00014	.00061	-.00376	-.00003	.04995

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00011	F 1.8614	.00047	-.00038	.29013	.00053	.01690
Stddev	.00008	.00030	.0011	.00023	.00019	.01137	.00011	.00646
%RSD	7.1133	262.84	.05842	49.368	50.786	3.9201	20.341	38.224

#1	.00106	.00010	1.8606	.00030	-.00024	.28209	.00060	.02147
#2	.00118	-.00033	1.8622	.00063	-.00051	.29817	.00045	.01233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	-.00635	-.00071	.00646	F .02266	-.0001	.00009	F 1.4453
Stddev	.00288	.00224	.00049	.00088	.00135	.0005	.00007	.4179
%RSD	175.89	35.258	67.926	13.564	5.9774	550.8	74.677	28.913

#1	-.00368	-.00794	-.00037	.00584	.02170	-.0004	.00014	1.7408
#2	.00040	-.00477	-.00106	.00708	.02362	.0003	.00004	1.1498

Sample Name: CCB03 Acquired: 9/21/2018 14:44:52 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.1391
 Stddev .4227
 %RSD 37.105

#1 1.4380
 #2 .84026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4281.0	102040.	9192.6	236.72	7258.2
Stddev	16.1	288.	40.1	.05	22.1
%RSD	.37555	.28223	.43594	.01991	.30509

#1	4269.7	101840.	9164.2	236.75	7242.5
#2	4292.4	102240.	9220.9	236.68	7273.9

Sample Name: J4931-01LX5 Acquired: 9/21/2018 15:15:33 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00273	.00128	-.00368	-.00404	-.00690	.00464	.00002
Stddev	.00191	.00146	.00305	.00383	.00061	.00742	.00091	.00000
%RSD	133.21	53.270	239.13	104.08	14.979	107.61	19.597	17.096

#1	.00008	.00170	-.00088	-.00639	-.00447	-.01215	.00399	.00001
#2	.00278	.00376	.00344	-.00097	-.00361	-.00165	.00528	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	11.548	.00510	-.00032	.00098	.01333	.00230	26.634
Stddev	.00025	.330	.00029	.00006	.00012	.00901	.00015	.705
%RSD	3403.8	2.8580	5.7191	18.374	12.320	67.593	6.4007	2.6459

#1	.00017	11.315	.00490	-.00028	.00107	.00696	.00219	26.135
#2	-.00019	11.782	.00531	-.00036	.00089	.01970	.00240	27.132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00000	214.31	.00053	-.00001	8.7602	.00111	.10724
Stddev	.00006	.00077	6.49	.00014	.00004	.2226	.00018	.00062
%RSD	1.8450	84368.	3.0282	27.242	563.77	2.5408	16.013	.58118

#1	.00323	-.00054	209.72	.00063	.00002	8.6028	.00124	.10680
#2	.00314	.00054	218.90	.00043	-.00004	8.9176	.00099	.10769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.455	.15711	-.00872	.00671	.06722	.0102	.17010	3.2289
Stddev	.958	.00634	.00119	.00102	.01756	.0009	.00406	.1993
%RSD	4.0823	4.0330	13.597	15.159	26.126	8.847	2.3878	6.1719

#1	22.778	.15263	-.00788	.00599	.05480	.0096	.16723	3.3698
#2	24.132	.16159	-.00956	.00743	.07964	.0109	.17297	3.0880

Sample Name: J4931-01LX5 Acquired: 9/21/2018 15:15:33 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8307
 Stddev .3582
 %RSD 12.655

#1 3.0840
 #2 2.5774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4062.5	95153.	9031.1	232.79	6321.8
Stddev	3.4	239.	62.0	1.08	5.4
%RSD	.08468	.25107	.68669	.46315	.08588

#1	4060.1	94984.	9074.9	232.03	6325.6
#2	4064.9	95322.	8987.2	233.55	6317.9

Sample Name: J4931-01MS Acquired: 9/21/2018 15:19:35 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.82095	1.8216	.96212	2.0563	.77321	2.0228	.20507	.20153	.19850
Stddev	.00147	.0060	.00331	.0121	.01071	.0026	.00086	.00094	.00141
%RSD	.17959	.33139	.34375	.58581	1.3855	.13038	.42007	.46655	.71101
#1	.82200	1.8173	.95978	2.0478	.76564	2.0209	.20447	.20087	.19750
#2	.81991	1.8259	.96446	2.0648	.78079	2.0246	.20568	.20220	.19950
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.315	.41254	.18820	.26768	2.9641	.19702	157.13	.50396	.07181
Stddev	.500	.00333	.00188	.00260	.0136	.00106	.46	.00267	.00015
%RSD	.76490	.80770	.99831	.97118	.45893	.53761	.29433	.53001	.20882
#1	64.961	.41018	.18687	.26584	2.9544	.19627	156.80	.50207	.07171
#2	65.668	.41489	.18953	.26952	2.9737	.19777	157.45	.50585	.07192
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	1196.6	.27817	.18469	61.019	.37418	.81806	129.80	1.6439	.63138
Stddev	6.3	.00483	.00181	.354	.00124	.00919	.17	.0158	.00111
%RSD	.52799	1.7350	.98259	.57976	.33221	1.1240	.13083	.95881	.17656
#1	1201.1	.27476	.18340	60.769	.37330	.81156	129.68	1.6328	.63217
#2	1192.1	.28158	.18597	61.269	.37506	.82456	129.92	1.6551	.63060
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18627	1.8849	6.624	1.1216	3.8889	5.3291			
Stddev	.00267	.0204	.029	.0072	.3384	.2785			
%RSD	1.4318	1.0821	.4367	.64365	8.7006	5.2252			
#1	.18816	1.8705	6.603	1.1165	4.1282	5.5260			
#2	.18439	1.8993	6.644	1.1267	3.6497	5.1322			

Sample Name: J4931-01MS Acquired: 9/21/2018 15:19:35 Type: Unk
Method: P4-ICP2(v2447) 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	3995.8	93011.	9359.7	234.69	5768.2
Stddev	10.4	603.	49.4	1.75	7.3
%RSD	.26072	.64875	.52782	.74698	.12706
#1	4003.2	93437.	9394.6	235.93	5773.4
#2	3988.5	92584.	9324.7	233.45	5763.0

Sample Name: J4931-01MSD Acquired: 9/21/2018 15:23:31 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.83650	1.8725	.98706	2.1280	.80370	2.1313	.21150	.20709	.20390
Stddev	.00230	.0076	.00488	.0114	.00788	.0086	.00016	.00002	.00048
%RSD	.27525	.40362	.49416	.53526	.98016	.40534	.07735	.00754	.23578
#1	.83488	1.8672	.98361	2.1199	.79813	2.1252	.21162	.20710	.20356
#2	.83813	1.8779	.99050	2.1360	.80927	2.1374	.21138	.20708	.20424
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.482	.42157	.19326	.27549	3.0372	.20275	161.61	.51561	.07190
Stddev	.206	.00018	.00006	.00076	.0338	.00038	.13	.00002	.00069
%RSD	.30555	.04224	.02974	.27547	1.1129	.18512	.08052	.00316	.96137
#1	67.336	.42144	.19322	.27495	3.0611	.20301	161.51	.51559	.07239
#2	67.627	.42169	.19330	.27602	3.0133	.20248	161.70	.51562	.07141
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	1230.0	.28651	.18834	63.376	.38632	.85781	134.00	1.6962	.64538
Stddev	10.0	.00018	.00069	.212	.00192	.00109	.10	.0068	.00331
%RSD	.81019	.06341	.36577	.33384	.49660	.12686	.07176	.40151	.51253
#1	1237.0	.28664	.18786	63.227	.38496	.85704	134.07	1.7010	.64304
#2	1222.9	.28638	.18883	63.526	.38768	.85858	133.93	1.6914	.64771
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19403	1.9493	6.817	1.1631	4.9415	4.8074			
Stddev	.00452	.0034	.042	.0035	.1672	.8269			
%RSD	2.3276	.17677	.6201	.29963	3.3829	17.201			
#1	.19723	1.9468	6.787	1.1607	4.8233	4.2227			
#2	.19084	1.9517	6.847	1.1656	5.0597	5.3921			

Sample Name: J4931-01MSD Acquired: 9/21/2018 15:23:31 Type: Unk
Method: P4-ICP2(v2447) 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	3905.6	90941.	9141.1	231.07	5645.9
Stddev	6.1	59.	1.8	.31	2.9
%RSD	.15655	.06490	.01925	.13347	.05106
#1	3909.9	90983.	9142.4	231.29	5647.9
#2	3901.2	90899.	9139.9	230.85	5643.8

Sample Name: J4931-01A Acquired: 9/21/2018 15:27:27 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.83456	1.8454	.97753	2.1138	.79293	2.0640	.21000	.20609	.20156
Stddev	.00699	.0043	.01320	.0203	.00677	.0068	.00072	.00016	.00188
%RSD	.83743	.23551	1.3504	.96161	.85325	.32935	.34113	.07784	.93172
#1	.83950	1.8485	.98686	2.1281	.79772	2.0688	.20950	.20598	.20289
#2	.82961	1.8423	.96819	2.0994	.78815	2.0592	.21051	.20620	.20024
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.473	.41813	.19173	.27268	3.0196	.20162	160.37	.51280	.07225
Stddev	.358	.00305	.00311	.00343	.0422	.00048	.52	.00624	.00082
%RSD	.53075	.72930	1.6197	1.2591	1.3966	.23936	.32613	1.2175	1.1283
#1	67.220	.41598	.19393	.27510	2.9897	.20128	160.00	.51721	.07167
#2	67.726	.42029	.18954	.27025	3.0494	.20197	160.74	.50838	.07283
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	1223.3	.28406	.18965	63.377	.38242	.83619	132.28	1.6892	.64091
Stddev	3.1	.00084	.00120	.364	.00156	.00524	.98	.0051	.00552
%RSD	.25028	.29715	.63190	.57418	.40722	.62606	.74196	.30359	.86109
#1	1221.2	.28466	.19050	63.119	.38352	.83249	132.97	1.6856	.64481
#2	1225.5	.28347	.18881	63.634	.38131	.83989	131.58	1.6928	.63701
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19107	1.9292	6.752	1.1638	4.5950	5.1575			
Stddev	.00140	.0164	.066	.0072	.0138	.1492			
%RSD	.73381	.84955	.9732	.62138	.30117	2.8929			
#1	.19008	1.9176	6.799	1.1587	4.6048	5.0520			
#2	.19206	1.9408	6.706	1.1689	4.5852	5.2630			

Sample Name: J4931-01A Acquired: 9/21/2018 15:27:27 Type: Unk
Method: P4-ICP2(v2447) 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	3928.6	91200.	9129.6	228.41	5675.7
Stddev	15.4	354.	11.5	.26	28.3
%RSD	.39261	.38823	.12631	.11461	.49927
#1	3917.7	91451.	9137.8	228.22	5655.7
#2	3939.5	90950.	9121.5	228.59	5695.7

Sample Name: PB113104BL Acquired: 9/21/2018 15:31:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00460	.00285	-.00075	-.00180	-.00492	-.00237	-.00007	-.00008
Stddev	.00028	.00084	.00015	.00464	.00222	.00297	.00024	.00001
%RSD	6.1878	29.334	19.994	257.41	45.226	125.18	338.83	13.026

#1	-.00480	.00226	-.00065	-.00509	-.00649	-.00447	-.00024	-.00008
#2	-.00440	.00344	-.00086	.00148	-.00334	-.00027	.00010	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00028	.00018	-.00009	-.00001	.00181	-.00004	.04109
Stddev	.00002	.00774	.00006	.00013	.00046	.00094	.00004	.01202
%RSD	21.772	2766.8	32.606	137.16	7271.8	51.914	91.971	29.245

#1	.00007	.00519	.00014	-.00000	-.00033	.00115	-.00007	.03259
#2	.00010	-.00575	.00022	-.00019	.00032	.00247	-.00002	.04959

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.00014	F 2.6824	.00010	-.00018	.40552	.00030	-.00620
Stddev	.00024	.00030	.0413	.00047	.00018	.02132	.00013	.00757
%RSD	15.506	219.91	1.5385	480.54	98.907	5.2569	42.804	121.99

#1	.00135	.00008	2.7116	.00043	-.00031	.39045	.00039	-.01155
#2	.00169	-.00035	2.6532	-.00023	-.00005	.42059	.00021	-.00085

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00522	-.00102	-.00084	.00524	F .02404	-.0012	.00014	F 1.7524
Stddev	.00113	.00506	.00031	.00030	.01361	.0017	.00012	.0813
%RSD	21.591	494.65	36.629	5.6675	56.602	144.4	85.949	4.6367

#1	.00602	.00255	-.00106	.00503	.01442	.0000	.00022	1.8098
#2	.00442	-.00460	-.00062	.00545	.03366	-.0024	.00005	1.6949

Sample Name: PB113104BL Acquired: 9/21/2018 15:31:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6733
Stddev .2154
%RSD 12.874

#1 1.8257
#2 1.5210

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4243.4	101090.	9086.3	233.54	7209.1
Stddev	22.6	470.	83.1	1.95	21.4
%RSD	.53337	.46515	.91500	.83518	.29641

#1	4227.4	100760.	9027.6	232.16	7194.0
#2	4259.4	101430.	9145.1	234.91	7224.2

Sample Name: PB113104BS Acquired: 9/21/2018 15:35:29 Type: Unk
Method: P4-ICP2(v2447) 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	.80862	2.0182	.97938	2.0443	.80618	2.0797	.21045
Stddev	.00499	.0026	.00155	.0019	.00432	.0246	.00137
%RSD	.61761	.12899	.15796	.09078	.53578	1.1815	.65223

#1	.80509	2.0201	.97828	2.0430	.80923	2.0623	.21142
#2	.81215	2.0164	.98047	2.0456	.80313	2.0970	.20948

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18651	.19536	1.0493	.40279	.19381	.31360	3.0348
Stddev	.00020	.00023	.0083	.00302	.00081	.00040	.0187
%RSD	.10639	.11762	.79464	.74897	.41819	.12650	.61500

#1	.18637	.19552	1.0434	.40492	.19438	.31332	3.0216
#2	.18665	.19520	1.0552	.40065	.19323	.31388	3.0480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20606	1.9378	.48192	.06880	F 4.0729	.30710	.19651
Stddev	.00094	.0610	.00112	.00060	.0518	.00102	.00078
%RSD	.45417	3.1462	.23307	.87369	1.2710	.33320	.39831

#1	.20540	1.8946	.48112	.06922	4.0363	.30782	.19596
#2	.20672	1.9809	.48271	.06837	4.1095	.30637	.19707

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.316	.42260	.30331	F -.00305	.90282	.64851	.20918
Stddev	.046	.00133	.01215	.01003	.00050	.00146	.00238
%RSD	.44860	.31467	4.0073	328.76	.05560	.22562	1.1388

#1	10.349	.42354	.29472	.00404	.90318	.64748	.21086
#2	10.283	.42166	.31191	-.01015	.90247	.64955	.20749

Sample Name: PB113104BS Acquired: 9/21/2018 15:35:29 Type: Unk
 Method: P4-ICP2(v2447) 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 1.8401	5.338	.20252	F 1.8529	F .35043
Stddev	.0128	.005	.00081	.0395	.93511
%RSD	.69486	.0978	.39763	2.1313	266.85

#1	1.8492	5.342	.20309	1.8808	1.0117
#2	1.8311	5.335	.20195	1.8249	-.31079

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4105.4	99855.	9069.1	231.51	6957.7
Stddev	22.3	171.	52.5	.81	41.7
%RSD	.54424	.17159	.57839	.35033	.59884

#1	4089.6	99976.	9032.0	230.93	6928.2
#2	4121.2	99734.	9106.2	232.08	6987.1

Sample Name: J4979-05 Acquired: 9/21/2018 15:39:22 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00311	.00058	-.00186	-.00297	1.7471	.00751	.00006
Stddev	.00096	.00158	.00076	.00096	.00078	.0401	.00089	.00009
%RSD	18814.	50.731	131.34	51.455	26.341	2.2926	11.808	148.90

#1	.00067	.00423	.00111	-.00118	-.00352	1.7188	.00688	.00012
#2	-.00068	.00199	.00004	-.00254	-.00242	1.7754	.00814	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.5893	.00171	.00016	.00430	.45156	.00975	1.8653
Stddev	.00011	.0182	.00079	.00009	.00049	.01544	.00013	.0449
%RSD	515.08	.32596	46.093	57.196	11.293	3.4193	1.3493	2.4093

#1	.00010	5.6022	.00115	.00010	.00464	.44064	.00984	1.8335
#2	-.00005	5.5764	.00226	.00022	.00395	.46247	.00966	1.8971

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00014	1.1776	.00292	.00558	.71621	.03366	.00560
Stddev	.00031	.00048	.0299	.00056	.00012	.04248	.00013	.01588
%RSD	12.025	349.51	2.5388	19.101	2.0918	5.9315	.39939	283.80

#1	.00283	.00048	1.1565	.00252	.00566	.68617	.03376	-.00563
#2	.00239	-.00020	1.1988	.00331	.00550	.74624	.03357	.01683

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26165	2.6635	.00004	.06350	-.01204	.0059	.02183	1.0785
Stddev	.00597	.0084	.00061	.00064	.00708	.0007	.00035	.1636
%RSD	2.2800	.31579	1628.5	1.0039	58.829	12.49	1.6133	15.173

#1	.26587	2.6576	-.00039	.06395	-.01705	.0064	.02208	1.1942
#2	.25743	2.6695	.00047	.06305	-.00703	.0054	.02158	.96280

Sample Name: J4979-05 Acquired: 9/21/2018 15:39:22 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2851
 Stddev .4333
 %RSD 33.718

#1 1.5915
 #2 .97869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4336.9	103670.	9463.0	242.90	7313.1
Stddev	.3	260.	33.7	2.48	4.5
%RSD	.00802	.25033	.35630	1.0196	.06142

#1	4337.1	103490.	9439.1	241.15	7309.9
#2	4336.6	103860.	9486.8	244.65	7316.2

Sample Name: J5015-01 Acquired: 9/21/2018 15:43:26 Type: Unk
 Method: P4-ICP2(v2447) Mode: 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	.00654	-.00079	.00864	.00489	-.00611	-.02248	.27137	-.00001
Stddev	.00208	.00308	.00011	.00116	.00278	.02460	.00012	.00008
%RSD	31.862	392.28	1.2793	23.725	45.527	109.40	.04460	750.67

#1	.00801	-.00297	.00856	.00571	-.00415	-.00509	.27128	.00005
#2	.00507	.00139	.00872	.00407	-.00808	-.03988	.27145	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	208.26	-.00028	-.00009	.00915	-.04738	.00020	124.82
Stddev	.00017	1.09	.00022	.00001	.00039	.00658	.00001	.43
%RSD	39.645	.52347	75.674	9.4971	4.2689	13.888	7.0668	.34827

#1	-.00056	209.04	-.00044	-.00008	.00887	-.05203	.00021	125.13
#2	-.00032	207.49	-.00013	-.00009	.00943	-.04273	.00019	124.51

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	-.00115	1403.4	.00208	.04840	81.862	.00328	.58739
Stddev	.00115	.00020	23.6	.00045	.00033	.395	.00039	.02389
%RSD	42.108	17.659	1.6797	21.750	.67342	.48260	11.873	4.0677

#1	-.00191	-.00101	1420.0	.00176	.04863	82.141	.00355	.57050
#2	-.00354	-.00130	1386.7	.00240	.04817	81.583	.00300	.60429

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.712	11.653	-.03045	.00110	.31416	.0973	1.6261	5.4736
Stddev	.807	.001	.00030	.00236	.00208	.0048	.0062	.0854
%RSD	.85224	.00571	.97023	213.93	.66074	4.905	.37883	1.5597

#1	94.141	11.652	-.03066	-.00057	.31563	.0939	1.6304	5.5340
#2	95.283	11.653	-.03024	.00277	.31270	.1006	1.6217	5.4133

Sample Name: J5015-01 Acquired: 9/21/2018 15:43:26 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2068
 Stddev .1485
 %RSD 2.3924

#1 6.1018
 #2 6.3118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.6	89363.	9192.5	228.72	5498.2
Stddev	25.0	298.	39.4	.60	24.2
%RSD	.65784	.33326	.42915	.26218	.43976

#1	3818.3	89574.	9164.6	228.29	5515.3
#2	3782.9	89153.	9220.4	229.14	5481.1

Sample Name: J4986-01 Acquired: 9/21/2018 15:47:34 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00425	.00558	-.00018	-.00218	-.00431	.02260	.00132	.00002
Stddev	.00455	.00228	.00002	.00051	.00090	.01111	.00060	.00002
%RSD	107.01	40.816	8.9778	23.642	20.902	49.168	45.221	129.09

#1	-.00746	.00397	-.00016	-.00254	-.00495	.01474	.00174	.00003
#2	-.00103	.00719	-.00019	-.00181	-.00367	.03046	.00090	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.50036	.00004	-.00025	.02348	.00761	.00112	.12465
Stddev	.00004	.00294	.00002	.00030	.00052	.01715	.00000	.01147
%RSD	39.317	.58826	58.345	117.91	2.1971	225.52	.34078	9.1997

#1	.00013	.50244	.00006	-.00004	.02312	.01974	.00112	.13275
#2	.00007	.49828	.00002	-.00047	.02385	-.00452	.00112	.11654

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00030	.99801	.00009	.04970	-.02370	.00048	.01415
Stddev	.00029	.00039	.00167	.00029	.00062	.00592	.00019	.00511
%RSD	10.132	128.30	.16780	326.70	1.2498	24.981	38.950	36.118

#1	.00267	-.00057	.99920	-.00012	.04926	-.01951	.00035	.01776
#2	.00309	-.00003	.99683	.00030	.05014	-.02789	.00061	.01054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27509	.15793	-.00023	.00769	-.02697	.0015	.00486	.24608
Stddev	.00196	.00467	.00030	.00112	.00837	.0020	.00006	.00763
%RSD	.71226	2.9576	130.46	14.560	31.026	139.1	1.1643	3.0989

#1	.27370	.16123	-.00002	.00690	-.03289	.0029	.00490	.25148
#2	.27647	.15463	-.00045	.00848	-.02105	.0000	.00482	.24069

Sample Name: J4986-01 Acquired: 9/21/2018 15:47:34 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4311
 Stddev .1718
 %RSD 12.003

#1 1.3096
 #2 1.5526

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4478.8	107260.	9697.3	252.82	7654.8
Stddev	.7	206.	62.2	2.13	21.8
%RSD	.01613	.19163	.64174	.84084	.28536

#1	4479.3	107410.	9653.3	254.32	7639.3
#2	4478.2	107120.	9741.3	251.31	7670.2

Sample Name: CCV04 Acquired: 9/21/2018 15:51:39 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.8636	4.7937	4.7292	4.9618	4.9665	10.274	9.9136	.24101
Stddev	.0002	.0114	.0106	.0253	.0105	.028	.0877	.00010
%RSD	.00333	.23740	.22507	.50943	.21137	.27158	.88459	.04076
#1	4.8635	4.7856	4.7367	4.9439	4.9739	10.294	9.8516	.24094
#2	4.8637	4.8017	4.7217	4.9797	4.9590	10.254	9.9756	.24108
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3613	24.206	.95953	2.3750	1.2434	4.8577	2.4197	23.913
Stddev	.0024	.104	.00176	.0060	.0001	.0483	.0059	.037
%RSD	.10114	.42872	.18367	.25431	.00674	.99510	.24364	.15441
#1	2.3630	24.132	.95828	2.3793	1.2433	4.8918	2.4156	23.939
#2	2.3597	24.279	.96078	2.3708	1.2434	4.8235	2.4239	23.887
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3814	1.1962	24.522	2.4137	2.3910	24.553	4.9250	4.9243
Stddev	.0042	.0024	.333	.0113	.0059	.327	.0004	.0092
%RSD	.17804	.20016	1.3598	.46839	.24501	1.3327	.00743	.18651
#1	2.3844	1.1945	24.286	2.4057	2.3952	24.321	4.9253	4.9178
#2	2.3784	1.1979	24.757	2.4217	2.3869	24.784	4.9247	4.9308
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8036	4.5893	4.7195	4.8733	4.5485	4.935	4.9075	F 2.5271
Stddev	.0045	.0339	.0043	.0231	.0002	.003	.0520	.1581
%RSD	.09415	.73876	.09157	.47478	.00371	.0572	1.0605	6.2542
#1	4.8004	4.5654	4.7226	4.8569	4.5486	4.933	4.8707	2.4153
#2	4.8068	4.6133	4.7165	4.8896	4.5483	4.937	4.9443	2.6388

Sample Name: CCV04 Acquired: 9/21/2018 15:51:39 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8079
Stddev .0888
%RSD 3.1638

#1 2.8707
#2 2.7450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4200.5	98986.	9210.1	230.47	6698.0
Stddev	5.1	165.	77.1	.87	17.0
%RSD	.12208	.16696	.83717	.37966	.25374

#1	4196.9	99103.	9264.6	229.85	6686.0
#2	4204.1	98869.	9155.6	231.09	6710.1

Sample Name: CCB04 Acquired: 9/21/2018 16:09:05 Type: Unk
Method: P4-ICP2(v2447) 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	-.00514	.00458	.00017	-.00503	-.00375	.01232	-.00016
Stddev	.00308	.00250	.00126	.00210	.00050	.01606	.00032
%RSD	60.004	54.597	745.68	41.827	13.259	130.32	198.84

#1	-.00732	.00635	.00106	-.00652	-.00340	.02367	.00007
#2	-.00296	.00281	-.00072	-.00354	-.00410	.00097	-.00039

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.00010	.00257	.00012	-.00014	.00023	.00326
Stddev	.00009	.00004	.03633	.00015	.00009	.00035	.01356
%RSD	79.801	38.004	1413.3	120.48	64.777	149.57	415.28

#1	-.00005	.00007	.02826	.00023	-.00008	.00048	.01285
#2	-.00018	.00013	-.02312	.00002	-.00021	-.00001	-.00632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00766	.00132	-.00060	.43397	.00024	-.00030
Stddev	.00008	.05390	.00035	.00045	.03129	.00021	.00005
%RSD	693.22	703.34	26.174	75.987	7.2101	87.357	16.753

#1	.00005	-.04578	.00156	-.00028	.41184	.00039	-.00026
#2	-.00007	.03045	.00108	-.00092	.45609	.00009	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	.00001	.01266	-.00661	-.00338	-.00092	.00642
Stddev	.04943	.00020	.00613	.00537	.00352	.00070	.00273
%RSD	1172.6	1546.4	48.410	81.258	104.24	75.757	42.588

#1	-.03074	-.00013	.01700	-.00281	-.00587	-.00141	.00835
#2	.03917	.00015	.00833	-.01041	-.00089	-.00043	.00449

Sample Name: CCB04 Acquired: 9/21/2018 16:09:05 Type: Unk
 Method: P4-ICP2(v2447) 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 -.01873	-.0022	.00018	F 1.3314	F 1.4642
Stddev	.02061	.0027	.00013	.2306	.5724
%RSD	110.00	124.7	73.546	17.318	39.093

#1	-.03330	-.0041	.00009	1.4944	1.0594
#2	-.00416	-.0003	.00028	1.1683	1.8689

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4305.1	102340.	9132.1	235.83	7308.8
Stddev	13.9	394.	12.8	1.41	20.8
%RSD	.32217	.38514	.14064	.59603	.28430

#1	4295.3	102060.	9141.1	234.84	7294.1
#2	4314.9	102620.	9123.0	236.83	7323.5

Sample Name: J4997-01 Acquired: 9/21/2018 16:13:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	.00620	.00381	.00038	-.00450	.03344	.00166	.00001
Stddev	.00509	.00215	.00074	.00128	.00111	.00065	.00142	.00007
%RSD	280.34	34.651	19.380	338.23	24.673	1.9474	85.534	1117.8

#1	-.00178	.00468	.00329	.00128	-.00529	.03298	.00267	-.00004
#2	.00542	.00772	.00433	-.00053	-.00372	.03390	.00066	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.81049	.00030	-.00016	.00536	.06537	.00139	.37999
Stddev	.00011	.01766	.00020	.00022	.00018	.00115	.00000	.05876
%RSD	40.649	2.1787	66.581	137.52	3.3250	1.7667	.15361	15.465

#1	.00033	.79800	.00044	-.00032	.00523	.06619	.00139	.42154
#2	.00018	.82297	.00016	-.00000	.00549	.06456	.00139	.33843

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00034	.20445	.00015	.02936	-.07264	.00017	.00648
Stddev	.00027	.00052	.00681	.00058	.00008	.04087	.00003	.00173
%RSD	8.9833	153.80	3.3286	402.32	.25670	56.272	16.682	26.773

#1	.00285	.00071	.20926	-.00027	.02930	-.10154	.00015	.00525
#2	.00323	-.00003	.19963	.00056	.02941	-.04374	.00019	.00770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07070	2.8418	-.00088	.00581	-.02758	.0012	.00160	<.00000
Stddev	.00457	.0311	.00004	.00264	.00595	.0022	.00007	.25166
%RSD	6.4616	1.0924	4.5429	45.377	21.563	194.4	4.2895	59.137

#1	.07393	2.8199	-.00090	.00395	-.02338	.0027	.00156	-.24760
#2	.06747	2.8638	-.00085	.00768	-.03179	-.0004	.00165	-.60349

Sample Name: J4997-01 Acquired: 9/21/2018 16:13:08 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4750
 Stddev .3605
 %RSD 24.438

#1 1.7299
 #2 1.2201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4579.1	108630.	9776.6	254.63	7827.4
Stddev	10.9	230.	90.9	.11	10.8
%RSD	.23746	.21162	.92987	.04321	.13749

#1	4586.8	108470.	9840.8	254.55	7835.0
#2	4571.4	108790.	9712.3	254.70	7819.7

Sample Name: J4997-01DUP Acquired: 9/21/2018 16:21:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00407	.00295	.00268	-.00196	.03327	.00165	.00001
Stddev	.00115	.00081	.00093	.00239	.00064	.00336	.00053	.00000
%RSD	70.633	20.018	31.619	89.049	32.709	10.086	31.837	8.3891

#1	-.00081	.00464	.00229	.00099	-.00241	.03089	.00128	.00001
#2	-.00243	.00349	.00361	.00437	-.00150	.03564	.00202	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.83169	.00037	-.00030	.00574	.05833	.00133	.39094
Stddev	.00003	.00634	.00005	.00001	.00046	.00412	.00003	.02292
%RSD	15.831	.76220	14.148	4.7201	7.9618	7.0639	2.6097	5.8639

#1	.00024	.82721	.00040	-.00029	.00606	.06124	.00131	.40714
#2	.00019	.83617	.00033	-.00031	.00542	.05542	.00136	.37473

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00026	.22183	-.00019	.02950	-.02768	.00007	.00412
Stddev	.00034	.00010	.00101	.00003	.00015	.04071	.00016	.00212
%RSD	11.028	38.702	.45654	15.454	.52091	147.09	245.64	51.375

#1	.00328	.00019	.22255	-.00017	.02961	-.05647	.00018	.00562
#2	.00280	.00034	.22112	-.00021	.02939	.00111	-.00005	.00262

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06839	2.8210	-.00108	.00532	-.03310	.0024	.00157	.20167
Stddev	.00685	.0031	.00108	.00139	.00157	.0013	.00000	.06171
%RSD	10.017	.10797	100.02	26.065	4.7421	53.04	.18532	30.600

#1	.06354	2.8232	-.00032	.00630	-.03199	.0015	.00157	.24531
#2	.07323	2.8189	-.00184	.00434	-.03421	.0034	.00157	.15803

Sample Name: J4997-01DUP Acquired: 9/21/2018 16:21:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4512
Stddev .4135
%RSD 28.492

#1 1.7436
#2 1.1588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4525.4	107880.	9794.7	254.11	7742.2
Stddev	3.5	48.	12.8	1.87	3.2
%RSD	.07837	.04404	.13034	.73678	.04096

#1	4522.9	107850.	9785.7	252.78	7739.9
#2	4527.9	107910.	9803.7	255.43	7744.4

Sample Name: J4958-30 Acquired: 9/21/2018 18:30:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00100	.00196	.00648	-.00820	.50957	.20801	.00026
Stddev	.00316	.00077	.00068	.00143	.00113	.00610	.00125	.00008
%RSD	362.92	77.436	34.721	22.050	13.755	1.1979	.60043	30.376

#1	-.00136	.00045	.00148	.00750	-.00741	.50525	.20889	.00032
#2	.00310	.00155	.00244	.00547	-.00900	.51388	.20713	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	80.984	-.00006	.02403	.02365	1.7870	.94909	12.462
Stddev	.00013	.033	.00025	.00004	.00005	.0121	.00086	.038
%RSD	18.699	.04022	401.51	.15696	.22829	.67850	.09061	.30430

#1	.00060	81.007	-.00024	.02406	.02361	1.7956	.94970	12.489
#2	.00078	80.961	.00011	.02400	.02369	1.7784	.94849	12.435

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00022	134.86	-.00058	.04071	6.3155	-.00014	.06312
Stddev	.00006	.00033	.00	.00090	.00024	.0670	.00043	.00127
%RSD	3.7928	146.82	.00282	157.31	.60151	1.0607	305.41	2.0105

#1	.00168	-.00045	134.86	-.00121	.04088	6.2681	-.00045	.06223
#2	.00159	.00001	134.86	.00006	.04053	6.3629	.00016	.06402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.624	4.8135	-.00127	.00237	-.01508	.0033	.67809	2.5114
Stddev	.008	.0360	.00160	.00316	.00165	.0068	.00143	.2230
%RSD	.07087	.74806	126.01	133.58	10.941	205.5	.21122	8.8781

#1	11.619	4.7880	-.00240	.00013	-.01624	.0082	.67910	2.6690
#2	11.630	4.8389	-.00014	.00461	-.01391	-.0015	.67708	2.3537

Sample Name: J4958-30 Acquired: 9/21/2018 18:30:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2330
Stddev .3788
%RSD 11.718

#1 3.5008
#2 2.9651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4109.5	98022.	9365.0	232.55	6488.2
Stddev	4.5	335.	28.0	1.23	27.2
%RSD	.10955	.34155	.29865	.52898	.41856

#1	4106.3	97786.	9345.2	231.68	6469.0
#2	4112.7	98259.	9384.8	233.42	6507.4

Sample Name: J4958-35 Acquired: 9/21/2018 18:58:17 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00381	.00067	.00038	.00451	-.00633	.01194	.10348	-.00008
Stddev	.00636	.00085	.00226	.00345	.00058	.02472	.00094	.00003
%RSD	166.90	126.72	598.53	76.528	9.2355	207.15	.91122	31.035

#1	.00069	.00007	.00197	.00695	-.00591	-.00555	.10281	-.00010
#2	-.00831	.00127	-.00122	.00207	-.00674	.02942	.10415	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	23.650	.00292	.00482	.00091	.17743	.08181	6.5118
Stddev	.00021	.108	.00050	.00002	.00036	.00239	.00044	.0114
%RSD	236.53	.45709	17.063	.49770	39.255	1.3460	.54222	.17575

#1	-.00023	23.573	.00257	.00480	.00066	.17912	.08150	6.5037
#2	.00006	23.726	.00328	.00483	.00116	.17574	.08213	6.5199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00035	97.628	.00053	.02229	3.0925	.00001	.06305
Stddev	.00009	.00021	.086	.00064	.00025	.0175	.00003	.00732
%RSD	4.0681	60.275	.08856	118.92	1.1329	.56492	260.46	11.613

#1	.00209	-.00020	97.689	.00098	.02247	3.0801	-.00001	.05787
#2	.00222	-.00050	97.567	.00009	.02212	3.1048	.00004	.06823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3740	4.6176	-.00068	.00489	-.01520	-.0013	.19319	1.9895
Stddev	.0403	.0568	.00003	.00039	.01098	.0002	.00007	.3789
%RSD	.42948	1.2301	4.2817	8.0378	72.237	16.23	.03598	19.047

#1	9.3455	4.5774	-.00066	.00461	-.02296	-.0014	.19324	2.2574
#2	9.4024	4.6577	-.00070	.00517	-.00744	-.0011	.19314	1.7216

Sample Name: J4958-35 Acquired: 9/21/2018 18:58:17 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1657
 Stddev .2280
 %RSD 10.529

#1 2.3269
 #2 2.0044

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4113.6	98530.	9301.3	234.50	6739.6
Stddev	1.1	286.	38.8	3.00	4.9
%RSD	.02736	.29055	.41746	1.2774	.07263

#1	4112.8	98328.	9273.8	232.38	6736.1
#2	4114.4	98733.	9328.7	236.62	6743.0

Sample Name: J4997-01LX5 Acquired: 9/21/2018 16:25:23 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00205	.00365	-.00043	-.00235	-.00476	.00606	-.00042	-.00007
Stddev	.00009	.00077	.00268	.00090	.00224	.00267	.00026	.00001
%RSD	4.4960	20.992	629.01	38.127	47.037	44.072	63.498	6.8624

#1	-.00211	.00310	-.00232	-.00298	-.00634	.00795	-.00023	-.00007
#2	-.00198	.00419	.00147	-.00172	-.00318	.00417	-.00060	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.16323	.00039	-.00003	.00150	.01812	.00025	.13176
Stddev	.00001	.01027	.00071	.00006	.00030	.00937	.00001	.01215
%RSD	11.496	6.2904	181.81	234.98	20.234	51.687	3.1480	9.2248

#1	.00010	.15597	-.00011	-.00007	.00128	.01150	.00024	.14035
#2	.00009	.17049	.00090	.00002	.00171	.02475	.00025	.12316

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	-.00025	.39757	-.00041	.00575	-.02297	-.00015	.00319
Stddev	.00024	.00127	.02788	.00058	.00029	.04240	.00057	.01582
%RSD	12.267	512.42	7.0117	140.89	5.0846	184.60	371.45	495.88

#1	.00212	-.00115	.37786	-.00083	.00554	-.05295	.00025	.01438
#2	.00178	.00065	.41729	-.00000	.00595	.00701	-.00055	-.00800

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01277	.56301	-.00115	.00318	-.01572	-.0007	.00050	.90462
Stddev	.00310	.00482	.00001	.00220	.00081	.0016	.00002	.17486
%RSD	24.282	.85548	.64502	69.118	5.1505	218.5	4.5185	19.330

#1	.01496	.55961	-.00116	.00474	-.01514	-.0019	.00051	1.0283
#2	.01058	.56642	-.00115	.00163	-.01629	.0004	.00048	.78097

Sample Name: J4997-01LX5 Acquired: 9/21/2018 16:25:23 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3059
Stddev .0719
%RSD 5.5086

#1 1.2550
#2 1.3568

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4323.9	103340.	9317.6	238.40	7338.7
Stddev	12.1	71.	31.3	2.47	25.8
%RSD	.27975	.06852	.33591	1.0347	.35204

#1	4315.4	103290.	9295.5	240.15	7320.4
#2	4332.5	103400.	9339.7	236.66	7357.0

Sample Name: J4980-11 Acquired: 9/21/2018 20:02:46 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00297	.00204	.00015	.00147	-.00699	.46778	.01738	-.00008
Stddev	.00142	.00061	.00019	.00518	.00116	.01821	.00012	.00007
%RSD	47.933	29.711	128.48	352.68	16.564	3.8924	.70295	92.543

#1	-.00196	.00247	.00029	.00514	-.00781	.45490	.01729	-.00013
#2	-.00398	.00161	.00001	-.00220	-.00617	.48065	.01746	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	5.8627	.12319	.00025	.00683	.27520	.00399	1.9098
Stddev	.00004	.0230	.00008	.00018	.00032	.00080	.00008	.0684
%RSD	265.65	.39269	.06590	71.276	4.7372	.28889	1.9667	3.5825

#1	.00001	5.8464	.12313	.00012	.00706	.27577	.00404	1.9582
#2	-.00005	5.8790	.12325	.00038	.00660	.27464	.00393	1.8615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00046	13.330	.00186	.02267	1.4684	.00024	.06650
Stddev	.00008	.00006	.124	.00079	.00002	.0602	.00043	.02022
%RSD	3.0184	13.637	.92919	42.422	.10274	4.1024	184.09	30.409

#1	.00251	-.00050	13.417	.00242	.02265	1.4258	.00054	.05220
#2	.00262	-.00042	13.242	.00130	.02268	1.5110	-.00007	.08079

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2423	4.3999	-.00033	.01540	-.00068	.0188	.06004	1.2682
Stddev	.0035	.0414	.00073	.00018	.00506	.0026	.00011	.1124
%RSD	.10814	.93998	223.06	1.1731	740.07	13.64	.18583	8.8623

#1	3.2447	4.4292	-.00085	.01527	-.00426	.0206	.06012	1.3476
#2	3.2398	4.3707	.00019	.01553	.00289	.0170	.05996	1.1887

Sample Name: J4980-11 Acquired: 9/21/2018 20:02:46 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5534
 Stddev .0195
 %RSD 1.2536

#1 1.5672
 #2 1.5397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4216.4	100760.	9351.2	234.51	7174.4
Stddev	.1	462.	118.1	1.07	19.6
%RSD	.00320	.45822	1.2632	.45606	.27358

#1	4216.5	100430.	9267.6	233.76	7160.6
#2	4216.3	101090.	9434.7	235.27	7188.3

Sample Name: J4997-01MS Acquired: 9/21/2018 16:29:26 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.79296	1.9936	.95570	2.0358	.78764	1.9945	.19741	.18952
Stddev	.00287	.0164	.00140	.0154	.00274	.0096	.00191	.00051
%RSD	.36234	.82295	.14652	.75650	.34810	.47963	.96874	.27077
#1	.79500	1.9820	.95471	2.0249	.78571	2.0013	.19606	.18916
#2	.79093	2.0052	.95669	2.0467	.78958	1.9878	.19876	.18988
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19045	1.7644	.41234	.18286	.31093	3.0651	.20070	2.2599
Stddev	.00050	.0580	.00181	.00010	.00144	.0046	.00051	.0151
%RSD	.26022	3.2898	.43966	.05428	.46184	.14944	.25309	.66874
#1	.19010	1.7233	.41106	.18279	.30992	3.0683	.20106	2.2492
#2	.19080	1.8054	.41362	.18293	.31195	3.0618	.20035	2.2706
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48168	.06856	3.0987	.28648	.21850	9.6669	.39878	.28636
Stddev	.00101	.00026	.0233	.00220	.00103	.1061	.00142	.00405
%RSD	.20923	.37919	.75155	.76774	.47304	1.0980	.35641	1.4126
#1	.48097	.06874	3.0822	.28493	.21777	9.5918	.39777	.28350
#2	.48239	.06838	3.1152	.28804	.21924	9.7419	.39978	.28922
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06788	3.5887	.63668	.19939	1.6525	5.267	.18884	<.00000
Stddev	.00049	.0476	.00274	.00000	.0061	.032	.00141	.00638
%RSD	.72839	1.3258	.42967	.00182	.36753	.6075	.74715	1.9316
#1	.06753	3.5551	.63475	.19939	1.6482	5.244	.18784	-.33505
#2	.06822	3.6224	.63861	.19938	1.6568	5.290	.18983	-.32602

Sample Name: J4997-01MS Acquired: 9/21/2018 16:29:26 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.08765
Stddev	.31035
%RSD	354.07

#1	-.13180
#2	.30710

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4509.1	107730.	9920.7	256.27	7607.7
Stddev	12.0	64.	108.9	1.18	14.7
%RSD	.26676	.05973	1.0981	.46143	.19281

#1	4517.6	107780.	9997.7	257.11	7618.0
#2	4500.6	107690.	9843.6	255.43	7597.3

Sample Name: CCB10 Acquired: 9/21/2018 21:10:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13853 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00176	.00378	-.00098	-.00328	-.00478	.00369	.00009	-.00005
Stddev	.00070	.00095	.00212	.00175	.00280	.00539	.00103	.00003
%RSD	39.560	25.224	216.47	53.332	58.515	146.08	1188.3	65.362
#1	-.00225	.00311	.00052	-.00205	-.00280	.00750	.00082	-.00008
#2	-.00127	.00446	-.00248	-.00452	-.00676	-.00012	-.00064	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.01195	.00048	-.00022	-.00005	.00092	.00019	-.01011
Stddev	.00004	.01311	.00086	.00023	.00067	.00435	.00000	.03611
%RSD	23.908	109.66	179.83	106.61	1358.8	474.64	1.2396	357.31
#1	.00015	.02122	-.00013	-.00005	-.00052	-.00216	.00019	-.03564
#2	.00021	.00268	.00109	-.00039	.00042	.00399	.00019	.01543
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00049	-.09311	-.00006	.00222	-.11524	.00049	.00315
Stddev	.00040	.00038	.00795	.00058	.00006	.01348	.00002	.00582
%RSD	21.982	78.819	8.5378	1026.1	2.6773	11.697	4.0196	184.81
#1	.00154	-.00076	-.09873	-.00047	.00218	-.12477	.00048	-.00097
#2	.00211	-.00022	-.08749	.00035	.00226	-.10571	.00051	.00726
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00435	.00010	.00493	-.00938	-.0005	.00018	F .72016
Stddev	.00174	.00078	.00099	.00189	.01158	.0010	.00006	.11391
%RSD	2546.9	17.997	979.21	38.400	123.45	190.2	36.899	15.817
#1	-.00116	-.00490	-.00060	.00359	-.00119	.0002	.00022	.80071
#2	.00130	-.00379	.00080	.00626	-.01756	-.0012	.00013	.63962

Sample Name: CCB10 Acquired: 9/21/2018 21:10:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13853 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9056
Stddev	.8056
%RSD	42.275

#1	1.3360
#2	2.4752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4407.8	104250.	9497.6	240.96	7524.8
Stddev	12.3	356.	52.6	2.95	28.4
%RSD	.27812	.34136	.55371	1.2236	.37779

#1	4399.1	104000.	9460.5	238.88	7504.7
#2	4416.4	104500.	9534.8	243.05	7544.9

Sample Name: J4997-01MSD Acquired: 9/21/2018 16:33:18 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.79247	2.0010	.96128	2.0476	.78950	1.9923	.19871	.19076
Stddev	.00469	.0182	.00575	.0122	.00301	.0152	.00030	.00007
%RSD	.59244	.91176	.59765	.59548	.38172	.76080	.14889	.03757

#1	.78915	1.9881	.95722	2.0390	.78737	1.9816	.19850	.19070
#2	.79579	2.0139	.96534	2.0563	.79163	2.0030	.19891	.19081

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19062	1.7717	.41818	.18292	.31200	3.0991	.20172	2.2474
Stddev	.00103	.0217	.00071	.00021	.00078	.0193	.00035	.0729
%RSD	.54025	1.2239	.16909	.11652	.25036	.62382	.17269	3.2434

#1	.18989	1.7871	.41868	.18277	.31144	3.0855	.20197	2.1959
#2	.19135	1.7564	.41768	.18307	.31255	3.1128	.20148	2.2989

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48360	.06931	3.0959	.29117	.22019	9.6952	.39975	.29293
Stddev	.00241	.00069	.0019	.00269	.00253	.0153	.00228	.00364
%RSD	.49935	1.0011	.06313	.92231	1.1470	.15773	.56928	1.2443

#1	.48189	.06882	3.0972	.29307	.21840	9.6844	.39814	.29551
#2	.48531	.06980	3.0945	.28927	.22198	9.7060	.40136	.29035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06906	3.6068	.63797	.20122	1.6390	5.276	.18900	<.00000
Stddev	.00030	.0000	.00312	.00010	.0024	.022	.00014	.08439
%RSD	.43884	.00099	.48941	.04955	.14616	.4196	.07353	21.065

#1	.06927	3.6068	.63576	.20115	1.6407	5.260	.18890	-.34094
#2	.06884	3.6068	.64017	.20129	1.6373	5.291	.18910	-.46028

Sample Name: J4997-01MSD Acquired: 9/21/2018 16:33:18 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .45239
%RSD 229.01

#1 -.51743
#2 .12234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4495.9	107310.	9858.3	254.49	7602.4
Stddev	7.8	310.	2.4	1.65	10.2
%RSD	.17444	.28894	.02400	.65001	.13441

#1	4501.5	107530.	9860.0	255.66	7609.6
#2	4490.4	107090.	9856.6	253.32	7595.2

Sample Name: J4997-01A Acquired: 9/21/2018 16:37:09 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.78128	1.9832	.94784	2.0257	.78461	2.0142	.19915	.18968
Stddev	.00503	.0050	.00431	.0022	.00088	.0129	.00057	.00107
%RSD	.64336	.25102	.45470	.10692	.11158	.63880	.28410	.56473
#1	.78484	1.9797	.95088	2.0273	.78399	2.0233	.19875	.18893
#2	.77773	1.9867	.94479	2.0242	.78522	2.0052	.19955	.19044
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18974	1.8032	.41203	.18164	.31065	3.0090	.20016	2.3350
Stddev	.00070	.0095	.00086	.00046	.00033	.0059	.00054	.0092
%RSD	.37062	.52798	.20772	.25069	.10670	.19756	.26918	.39221
#1	.19024	1.8100	.41264	.18132	.31088	3.0132	.19978	2.3415
#2	.18924	1.7965	.41143	.18196	.31041	3.0048	.20054	2.3285
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48003	.06806	3.1184	.28637	.21210	9.7725	.39555	.28233
Stddev	.00059	.00068	.0147	.00057	.00004	.0508	.00166	.00312
%RSD	.12386	1.0043	.47007	.19923	.01866	.51932	.41945	1.1043
#1	.48045	.06855	3.1081	.28678	.21213	9.7366	.39672	.28453
#2	.47961	.06758	3.1288	.28597	.21208	9.8084	.39438	.28012
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06818	3.5876	.63300	.20300	1.6683	5.223	.19003	<.00000
Stddev	.00006	.0206	.00354	.00271	.0149	.003	.00026	.21769
%RSD	.08410	.57361	.55949	1.3363	.89026	.0576	.13721	257.15
#1	.06813	3.5730	.63551	.20492	1.6578	5.225	.18985	-.23858
#2	.06822	3.6021	.63050	.20108	1.6788	5.220	.19022	.06927

Sample Name: J4997-01A Acquired: 9/21/2018 16:37:09 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .63586
Stddev .79865
%RSD 125.60

#1 1.2006
#2 .07113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4507.5	107400.	9829.4	262.68	7604.6
Stddev	5.9	22.	46.2	.63	2.2
%RSD	.13007	.02027	.47017	.24112	.02913

#1	4503.3	107390.	9862.1	263.13	7606.2
#2	4511.6	107420.	9796.7	262.23	7603.0

Sample Name: J5008-01 Acquired: 9/21/2018 16:41:02 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00029	.00422	.00407	-.00412	-.00391	.03516	.00095	.00001
Stddev	.00162	.00007	.00067	.00102	.00058	.00540	.00047	.00000
%RSD	564.35	1.6504	16.445	24.756	14.892	15.344	49.430	96.982

#1	.00086	.00417	.00454	-.00484	-.00350	.03898	.00129	.00000
#2	-.00144	.00427	.00359	-.00340	-.00433	.03135	.00062	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.05846	.00008	-.00026	.04440	.01499	.00029	.02219
Stddev	.00003	.02581	.00017	.00017	.00053	.00879	.00004	.04416
%RSD	20.826	44.161	208.46	67.935	1.1859	58.646	14.501	198.98

#1	.00014	.07671	-.00004	-.00038	.04403	.00877	.00026	.05342
#2	.00019	.04020	.00020	-.00013	.04477	.02120	.00032	-.00903

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01214	-.00019	-.14934	.00012	.03389	-.09994	.00021	.00344
Stddev	.00016	.00012	.00843	.00075	.00058	.03634	.00027	.01471
%RSD	1.3331	62.815	5.6455	615.80	1.7002	36.367	129.14	427.21

#1	.01203	-.00010	-.15530	-.00041	.03430	-.12564	.00002	-.00696
#2	.01225	-.00027	-.14338	.00065	.03349	-.07424	.00040	.01385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00083	-.00052	.00592	-.04052	-.0004	.00014	.08695
Stddev	.00252	.00042	.00059	.00401	.01301	.0012	.00008	.35666
%RSD	1574.0	51.026	114.14	67.777	32.102	317.6	55.582	410.17

#1	.00194	-.00113	-.00094	.00876	-.04972	-.0012	.00009	.33915
#2	-.00162	-.00053	-.00010	.00308	-.03132	.0005	.00020	-.16524

Sample Name: J5008-01 Acquired: 9/21/2018 16:41:02 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3993
Stddev .3907
%RSD 27.920

#1 1.1231
#2 1.6756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4482.9	107420.	9563.7	253.14	7685.3
Stddev	3.1	117.	87.9	2.75	1.5
%RSD	.06975	.10938	.91933	1.0866	.02005

#1	4480.7	107500.	9501.6	251.19	7684.2
#2	4485.1	107340.	9625.9	255.08	7686.4

Sample Name: J5008-02 Acquired: 9/21/2018 16:45:06 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00268	.00406	.00760	.00072	-.00388	.03436	.00053	.00004
Stddev	.00066	.00149	.00005	.00052	.00141	.00180	.00017	.00004
%RSD	24.627	36.659	.69156	72.432	36.337	5.2441	33.048	86.093

#1	-.00315	.00301	.00764	.00109	-.00488	.03564	.00040	.00007
#2	-.00221	.00511	.00757	.00035	-.00289	.03309	.00065	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.20102	.00029	-.00027	.06489	.03075	.00154	.05359
Stddev	.00003	.05363	.00027	.00009	.00080	.00790	.00000	.05065
%RSD	10.188	26.678	92.691	31.645	1.2333	25.675	.20221	94.527

#1	.00031	.16310	.00049	-.00033	.06546	.03634	.00154	.08940
#2	.00027	.23894	.00010	-.00021	.06432	.02517	.00154	.01777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01737	.00059	.38171	.00025	.08151	.35402	.00023	.00935
Stddev	.00000	.00008	.00308	.00045	.00072	.02413	.00028	.01667
%RSD	.02001	13.193	.80782	177.55	.88063	6.8153	120.55	178.31

#1	.01737	.00054	.37953	-.00006	.08100	.33696	.00044	-.00244
#2	.01737	.00065	.38389	.00057	.08202	.37108	.00003	.02114

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01469	.12834	-.00046	.00462	-.04185	.0014	.00038	<.00000
Stddev	.00029	.00039	.00093	.00260	.00679	.0000	.00013	.36920
%RSD	1.9760	.30296	201.34	56.266	16.215	2.129	34.553	241.88

#1	.01490	.12862	.00019	.00278	-.03705	.0014	.00047	-.41370
#2	.01449	.12807	-.00112	.00646	-.04665	.0014	.00028	.10843

Sample Name: J5008-02 Acquired: 9/21/2018 16:45:06 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0378
 Stddev .1640
 %RSD 15.805

#1 .92186
 #2 1.1538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4464.6	107060.	9697.9	252.65	7643.5
Stddev	8.4	257.	109.7	2.09	6.1
%RSD	.18729	.23994	1.1314	.82590	.07976

#1	4458.6	107250.	9775.5	254.13	7639.2
#2	4470.5	106880.	9620.3	251.18	7647.9

Sample Name: J5023-08 Acquired: 9/22/2018 0:23:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00419	.32382	.01000	-.00305	.18271	.34620	.00000
Stddev	.00334	.00005	.00208	.00380	.00233	.01096	.00061	.00003
%RSD	203.00	1.3092	.64148	38.023	76.545	5.9983	.17542	813.11

#1	.00072	-.00423	.32236	.00731	-.00140	.17496	.34577	.00003
#2	-.00401	-.00415	.32529	.01269	-.00470	.19046	.34663	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	7.4678	-.00001	.01580	.00887	14.593	.41034	.23752
Stddev	.00009	.0116	.00018	.00022	.00014	.013	.00182	.01133
%RSD	87.121	.15505	1267.1	1.3748	1.5849	.09096	.44397	4.7692

#1	.00016	7.4596	.00011	.01564	.00877	14.603	.40905	.24553
#2	.00004	7.4760	-.00014	.01595	.00897	14.584	.41163	.22951

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02282	.00012	323.09	.00038	.79387	.44514	-.00013	.01838
Stddev	.00010	.00036	1.87	.00002	.00650	.04444	.00036	.00119
%RSD	.44202	314.91	.57730	6.2330	.81857	9.9826	287.02	6.4715

#1	.02289	-.00014	324.41	.00040	.79847	.41372	-.00038	.01922
#2	.02275	.00037	321.77	.00036	.78928	.47656	.00013	.01754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30638	.29530	.00282	.00372	.03405	.0080	.02269	2.2744
Stddev	.00528	.00488	.00029	.00196	.00243	.0001	.00020	.1127
%RSD	1.7230	1.6530	10.354	52.672	7.1504	.7637	.87593	4.9543

#1	.31012	.29876	.00303	.00511	.03577	.0080	.02255	2.1947
#2	.30265	.29185	.00262	.00233	.03233	.0081	.02283	2.3540

Sample Name: J5023-08 Acquired: 9/22/2018 0:23:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.7823
Stddev .0769
%RSD .98863

#1 7.8367
#2 7.7279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4069.5	96565.	9481.7	234.14	6466.2
Stddev	18.5	244.	14.1	2.58	22.8
%RSD	.45489	.25277	.14875	1.1037	.35316

#1	4056.4	96737.	9471.7	232.32	6450.1
#2	4082.6	96392.	9491.7	235.97	6482.4

Sample Name: J4931-01 Acquired: 9/21/2018 16:54:40 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	.00206	.00373	.00243	-.00494	-.01534	.02173	.00010
Stddev	.00043	.00098	.00081	.00022	.00013	.00827	.00004	.00000
%RSD	57.128	47.705	21.787	8.9565	2.5694	53.907	.17705	.24372

#1	-.00045	.00136	.00315	.00258	-.00503	-.00949	.02170	.00010
#2	-.00105	.00275	.00430	.00227	-.00485	-.02119	.02176	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	64.147	-.00015	-.00023	.00227	-.00996	.00702	152.40
Stddev	.00002	.084	.00049	.00010	.00001	.02197	.00005	.73
%RSD	7.6639	.13090	339.57	41.258	.61671	220.61	.68956	.47813

#1	-.00020	64.088	.00020	-.00030	.00228	.00558	.00698	151.88
#2	-.00023	64.207	-.00050	-.00017	.00226	-.02549	.00705	152.92

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	.00012	1205.0	.00087	.00070	51.014	.00135	.53984
Stddev	.00068	.00000	8.8	.00013	.00004	.059	.00078	.01148
%RSD	24.519	3.0873	.73379	14.933	5.7908	.11510	57.589	2.1265

#1	-.00229	.00012	1211.3	.00077	.00068	50.972	.00080	.53172
#2	-.00325	.00013	1198.8	.00096	.00073	51.055	.00190	.54796

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	128.16	.84309	-.04484	.00260	.18696	.0790	.94042	3.8418
Stddev	.72	.00198	.00182	.00180	.00562	.0034	.00211	.2186
%RSD	.56238	.23532	4.0587	69.098	3.0063	4.328	.22416	5.6897

#1	127.65	.84169	-.04355	.00133	.18298	.0766	.93893	3.9963
#2	128.66	.84449	-.04613	.00387	.19093	.0814	.94191	3.6872

Sample Name: J4931-01 Acquired: 9/21/2018 16:54:40 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9774
 Stddev .2230
 %RSD 3.7314

#1 5.8197
 #2 6.1351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.8	93474.	9397.2	238.38	5824.3
Stddev	8.5	108.	18.2	.02	20.4
%RSD	.21262	.11549	.19322	.01032	.35057

#1	3994.8	93397.	9384.4	238.39	5838.8
#2	3982.8	93550.	9410.0	238.36	5809.9

Sample Name: J4931-01DUP Acquired: 9/21/2018 16:58:47 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00570	.00222	.00526	.00337	-.00792	-.02866	.02224	.00009
Stddev	.00358	.00208	.00209	.00073	.00054	.00191	.00026	.00002
%RSD	62.848	93.888	39.746	21.603	6.8621	6.6656	1.1472	19.894

#1	.00823	.00369	.00378	.00388	-.00831	-.03001	.02242	.00008
#2	.00317	.00075	.00674	.00285	-.00754	-.02731	.02206	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	65.055	-.00049	-.00033	.00216	-.03153	.00712	153.64
Stddev	.00008	.564	.00049	.00020	.00015	.02469	.00002	.64
%RSD	22.025	.86758	100.70	59.948	6.9113	78.310	.26795	.41526

#1	-.00032	64.656	-.00014	-.00047	.00205	-.01407	.00713	153.19
#2	-.00043	65.454	-.00084	-.00019	.00226	-.04899	.00710	154.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00257	-.00009	1204.3	.00094	.00053	51.715	.00137	.55212
Stddev	.00050	.00008	2.3	.00060	.00003	.257	.00030	.00690
%RSD	19.298	95.141	.18733	63.818	5.5853	.49737	21.948	1.2490

#1	-.00222	-.00003	1202.7	.00136	.00055	51.533	.00158	.54725
#2	-.00292	-.00015	1205.9	.00051	.00051	51.897	.00116	.55700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	128.43	.85396	-.04379	.00363	.17865	.0786	.95643	3.8862
Stddev	.28	.01642	.00096	.00190	.00850	.0023	.00363	.2127
%RSD	.22022	1.9230	2.1855	52.272	4.7587	2.912	.38003	5.4742

#1	128.23	.84235	-.04311	.00497	.17264	.0802	.95386	3.7357
#2	128.63	.86558	-.04446	.00229	.18466	.0770	.95900	4.0366

Sample Name: J4931-01DUP Acquired: 9/21/2018 16:58:47 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6984
Stddev	.6196
%RSD	10.872

#1	6.1365
#2	5.2603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3975.1	92876.	9368.8	236.83	5814.6
Stddev	16.0	260.	59.6	3.28	12.3
%RSD	.40298	.27981	.63588	1.3865	.21238

#1	3986.5	93059.	9411.0	239.15	5823.3
#2	3963.8	92692.	9326.7	234.50	5805.9

Sample Name: CCV05 Acquired: 9/21/2018 17:02:56 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.8774	4.8021	4.7294	4.9519	4.9699	10.352	9.9880	.24038
Stddev	.0015	.0431	.0130	.0055	.0256	.019	.0539	.00113
%RSD	.03150	.89741	.27570	.11138	.51606	.17896	.53960	.46820
#1	4.8785	4.8326	4.7386	4.9558	4.9881	10.365	9.9499	.23959
#2	4.8763	4.7716	4.7202	4.9480	4.9518	10.339	10.026	.24118
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3626	24.092	.96585	2.3690	1.2425	4.7806	2.4170	23.841
Stddev	.0059	.183	.00281	.0024	.0021	.0211	.0027	.180
%RSD	.25094	.75866	.29049	.09953	.17193	.44194	.11135	.75579
#1	2.3668	23.963	.96387	2.3707	1.2440	4.7657	2.4189	23.713
#2	2.3584	24.221	.96784	2.3674	1.2410	4.7956	2.4151	23.968
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3834	1.1973	25.017	2.4146	2.3343	24.731	4.9262	4.8881
Stddev	.0091	.0034	.157	.0089	.0213	.133	.0100	.0335
%RSD	.38298	.28595	.62664	.36778	.91049	.53813	.20331	.68601
#1	2.3899	1.1998	24.906	2.4209	2.3193	24.637	4.9333	4.8644
#2	2.3769	1.1949	25.127	2.4084	2.3493	24.825	4.9191	4.9118
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7991	4.5964	4.7025	4.9148	4.5994	4.928	4.9470	F 2.3362
Stddev	.0312	.0575	.0003	.0401	.0013	.017	.0352	.2003
%RSD	.64944	1.2499	.00693	.81569	.02775	.3482	.71172	8.5733
#1	4.8212	4.5558	4.7028	4.8865	4.5985	4.940	4.9221	2.4778
#2	4.7771	4.6370	4.7023	4.9432	4.6003	4.915	4.9719	2.1946

Sample Name: CCV05 Acquired: 9/21/2018 17:02:56 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6442
Stddev	.1368
%RSD	3.7548

#1	3.5474
#2	3.7409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.3	99050.	9269.6	235.46	6696.2
Stddev	18.8	365.	56.5	1.38	30.0
%RSD	.44963	.36830	.60969	.58409	.44795

#1	4172.0	98792.	9309.5	236.43	6675.0
#2	4198.6	99308.	9229.6	234.49	6717.4

Sample Name: CCB05 Acquired: 9/21/2018 17:10:47 Type: Unk
Method: P4-ICP2(v2447) 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	-.00123	.00517	-.00037	-.00315	-.00347	.00416	.00095
Stddev	.00225	.00067	.00022	.00107	.00219	.00295	.00085
%RSD	183.73	12.868	59.739	33.893	63.031	70.894	89.343

#1	.00037	.00564	-.00053	-.00391	-.00501	.00208	.00035
#2	-.00282	.00470	-.00021	-.00240	-.00192	.00625	.00155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00020	-.01309	.00002	.00000	.00035	-.01756
Stddev	.00007	.00002	.01087	.00045	.00015	.00005	.00039
%RSD	327.91	7.9850	83.092	2167.1	3483.6	14.923	2.2196

#1	.00003	.00021	-.02077	.00034	-.00010	.00039	-.01728
#2	-.00008	.00019	-.00540	-.00030	.00011	.00032	-.01783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.09794	.00114	-.00060	.41250	.00033	-.00030
Stddev	.00014	.02120	.00062	.00031	.00005	.00003	.00000
%RSD	473.73	21.647	54.697	51.795	.01124	8.4778	1.2641

#1	.00007	.11293	.00070	-.00038	.41247	.00031	-.00029
#2	-.00013	.08295	.00158	-.00081	.41254	.00035	-.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02391	.00026	.00831	-.00330	-.00232	-.00036	.00735
Stddev	.01195	.00031	.00487	.00382	.00535	.00130	.00304
%RSD	49.993	117.01	58.578	115.76	230.99	358.45	41.288

#1	-.01546	.00005	.01176	-.00060	-.00610	-.00128	.00950
#2	-.03237	.00048	.00487	-.00600	.00147	.00056	.00521

Sample Name: CCB05 Acquired: 9/21/2018 17:10:47 Type: Unk
Method: P4-ICP2(v2447) 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 -.01651	-.0047	.00009	F 1.5933	F 1.9108
Stddev	.01159	.0034	.00014	.1188	.5187
%RSD	70.191	73.29	152.70	7.4568	27.145

#1	-.02470	-.0071	.00019	1.5093	2.2776
#2	-.00831	-.0023	-.00001	1.6773	1.5440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4322.4	102460.	9249.8	237.82	7342.0
Stddev	19.1	108.	30.7	1.88	34.4
%RSD	.44198	.10570	.33171	.78906	.46824

#1	4308.9	102390.	9228.1	236.49	7317.7
#2	4335.9	102540.	9271.5	239.14	7366.4

Sample Name: J4958-01 Acquired: 9/21/2018 17:14:51 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00291	.00102	.00180	.00579	-.00346	.06186	.13315	-.00002
Stddev	.00093	.00013	.00001	.00230	.00009	.01150	.00157	.00016
%RSD	31.780	12.307	.51662	39.696	2.6968	18.585	1.1763	950.51

#1	-.00357	.00111	.00179	.00741	-.00353	.06999	.13205	.00009
#2	-.00226	.00094	.00180	.00416	-.00340	.05373	.13426	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	42.277	.09229	.00117	.01346	.02058	.00948	14.734
Stddev	.00011	.012	.00010	.00039	.00040	.00194	.00014	.121
%RSD	145.29	.02885	.10941	33.236	2.9404	9.4481	1.4750	.82144

#1	-.00016	42.268	.09222	.00144	.01374	.01921	.00938	14.648
#2	.00000	42.285	.09237	.00089	.01318	.02196	.00958	14.819

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	-.00113	118.57	.00027	.02381	3.3473	.00035	.05111
Stddev	.00032	.00021	.56	.00020	.00002	.0276	.00015	.01132
%RSD	13.277	18.732	.47633	73.873	.10214	.82377	44.257	22.144

#1	.00267	-.00098	118.97	.00041	.02379	3.3278	.00046	.04311
#2	.00221	-.00128	118.17	.00013	.02383	3.3668	.00024	.05911

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7510	5.4815	.00160	.00687	-.00139	-.0019	.37970	2.5644
Stddev	.0054	.0106	.00035	.00399	.00981	.0041	.00191	.0098
%RSD	.14460	.19390	22.139	58.047	705.81	208.9	.50231	.38081

#1	3.7548	5.4890	.00185	.00405	.00555	.0009	.38105	2.5713
#2	3.7472	5.4740	.00135	.00970	-.00832	-.0048	.37835	2.5575

Sample Name: J4958-01 Acquired: 9/21/2018 17:14:51 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5848
Stddev .2627
%RSD 10.165

#1 2.7706
#2 2.3990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.7	98213.	9255.8	234.60	6597.3
Stddev	21.6	445.	30.5	.28	19.3
%RSD	.53072	.45284	.32932	.11770	.29249

#1	4060.4	97898.	9234.3	234.79	6583.6
#2	4091.0	98527.	9277.4	234.40	6610.9

Sample Name: J4958-01DUP Acquired: 9/21/2018 17:18:54 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00464	.00142	.00129	.00393	-.00546	.06510	.13455	-.00008
Stddev	.00144	.00097	.00157	.00051	.00076	.00503	.00040	.00002
%RSD	31.079	68.458	121.47	12.886	14.015	7.7332	.29727	20.376

#1	-.00566	.00210	.00240	.00429	-.00492	.06866	.13484	-.00009
#2	-.00362	.00073	.00018	.00357	-.00600	.06154	.13427	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	42.253	.09106	.00105	.01319	.01276	.00939	14.598
Stddev	.00007	.013	.00008	.00042	.00031	.00015	.00002	.103
%RSD	269.74	.02966	.08423	40.616	2.3619	1.1642	.18106	.70805

#1	.00007	42.244	.09111	.00075	.01297	.01266	.00940	14.671
#2	-.00002	42.262	.09100	.00135	.01341	.01287	.00938	14.525

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	-.00026	117.12	.00014	.02429	3.3334	.00022	.04877
Stddev	.00017	.00014	.17	.00121	.00046	.0366	.00001	.01161
%RSD	6.3123	52.742	.14921	851.68	1.8787	1.0991	6.6415	23.797

#1	.00285	-.00017	117.24	.00100	.02397	3.3593	.00023	.04057
#2	.00260	-.00036	116.99	-.00071	.02462	3.3075	.00021	.05698

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7448	5.4093	.00233	.00612	-.00710	-.0002	.37591	2.4946
Stddev	.0080	.0534	.00000	.00259	.00121	.0033	.00043	.0199
%RSD	.21293	.98697	.00491	42.238	17.015	2020.	.11323	.79673

#1	3.7504	5.3715	.00233	.00429	-.00624	.0022	.37561	2.5087
#2	3.7392	5.4470	.00233	.00795	-.00795	-.0025	.37621	2.4805

Sample Name: J4958-01DUP Acquired: 9/21/2018 17:18:54 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8537
Stddev .3780
%RSD 13.245

#1 3.1209
#2 2.5864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.1	98121.	9292.2	232.42	6619.6
Stddev	3.1	125.	23.4	2.80	19.4
%RSD	.07603	.12726	.25237	1.2050	.29336

#1	4093.9	98033.	9308.8	234.40	6605.9
#2	4098.3	98210.	9275.7	230.44	6633.3

Sample Name: J4958-01LX5 Acquired: 9/21/2018 17:22:58 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00229	.00163	-.00126	-.00025	-.00203	.01173	.02725	-.00007
Stddev	.00272	.00088	.00105	.00529	.00072	.01833	.00082	.00004
%RSD	118.90	54.246	83.112	2144.6	35.569	156.17	3.0068	57.816

#1	-.00422	.00225	-.00200	-.00399	-.00152	-.00122	.02783	-.00010
#2	-.00036	.00100	-.00052	.00350	-.00254	.02469	.02667	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	8.8066	.01886	.00004	.00309	.00394	.00203	3.1201
Stddev	.00015	.0085	.00027	.00002	.00056	.00553	.00003	.0169
%RSD	1906.0	.09608	1.4385	63.616	18.229	140.48	1.3257	.54116

#1	-.00010	8.8006	.01867	.00002	.00349	.00003	.00201	3.1082
#2	.00012	8.8125	.01906	.00005	.00269	.00785	.00205	3.1321

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00020	24.261	.00063	.00493	.65623	.00020	.02363
Stddev	.00022	.00090	.115	.00061	.00012	.01327	.00004	.00452
%RSD	18.552	442.35	.47480	97.341	2.3880	2.0221	20.203	19.136

#1	.00105	-.00084	24.342	.00020	.00485	.66562	.00017	.02043
#2	.00136	.00043	24.179	.00106	.00502	.64685	.00023	.02682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75484	1.1603	-.00091	.00595	-.02855	.0006	.07968	1.3498
Stddev	.00186	.0110	.00017	.00052	.00095	.0034	.00040	.0658
%RSD	.24607	.94756	18.792	8.7302	3.3319	603.6	.50529	4.8722

#1	.75616	1.1681	-.00103	.00559	-.02922	-.0018	.07939	1.3033
#2	.75353	1.1525	-.00079	.00632	-.02787	.0029	.07996	1.3963

Sample Name: J4958-01LX5 Acquired: 9/21/2018 17:22:58 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0734
Stddev	.2468
%RSD	11.904

#1	1.8988
#2	2.2479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.2	101530.	9354.3	238.60	7095.0
Stddev	8.0	65.	68.7	1.08	8.9
%RSD	.18698	.06403	.73459	.45415	.12478

#1	4263.6	101480.	9305.7	237.84	7088.7
#2	4274.8	101570.	9402.9	239.37	7101.2

Sample Name: J4958-01MS Acquired: 9/21/2018 17:27:02 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.70150	1.6861	.83226	1.7478	.67902	1.8771	.31616	.16404	.16979
Stddev	.01167	.0002	.00022	.0207	.00235	.0238	.00167	.00027	.00052
%RSD	1.6641	.01368	.02647	1.1866	.34668	1.2677	.52940	.16164	.30757
#1	.70976	1.6859	.83211	1.7625	.68068	1.8939	.31734	.16422	.17016
#2	.69325	1.6862	.83242	1.7332	.67735	1.8603	.31498	.16385	.16942
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.248	.43333	.16526	.28080	2.5675	.17922	17.086	.41292	.05862
Stddev	.014	.00295	.00018	.00022	.0047	.00094	.050	.00092	.00009
%RSD	.03087	.68012	.11086	.07977	.18405	.52440	.29079	.22400	.16013
#1	45.258	.43541	.16513	.28065	2.5709	.17988	17.121	.41358	.05856
#2	45.238	.43125	.16539	.28096	2.5642	.17855	17.051	.41227	.05869
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	127.16	.25949	.18981	12.203	.34946	.31189	3.9080	6.4807	.56258
Stddev	.68	.00276	.00008	.093	.00015	.01371	.0161	.0321	.00037
%RSD	.53743	1.0636	.04284	.76150	.04348	4.3953	.41129	.49505	.06577
#1	127.64	.26144	.18987	12.268	.34956	.32158	3.9193	6.5034	.56232
#2	126.67	.25754	.18975	12.137	.34935	.30220	3.8966	6.4580	.56284
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.17492	1.5542	4.935	.56548	3.0380	1.9462			
Stddev	.00242	.0185	.009	.00117	.0766	.2681			
%RSD	1.3859	1.1884	.1912	.20735	2.5201	13.774			
#1	.17321	1.5673	4.942	.56631	3.0921	2.1358			
#2	.17664	1.5412	4.929	.56465	2.9839	1.7567			

Sample Name: J4958-01MS Acquired: 9/21/2018 17:27:02 Type: Unk
Method: P4-ICP2(v2447) 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	4058.0	97073.	9154.0	228.12	6525.6
Stddev	16.6	402.	15.2	.28	20.2
%RSD	.40834	.41419	.16627	.12370	.30950
#1	4046.3	96789.	9143.2	228.32	6511.3
#2	4069.8	97357.	9164.7	227.92	6539.9

Sample Name: J4958-01MSD Acquired: 9/21/2018 17:30:53 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.70947	1.6951	.83733	1.7539	.68587	1.8777	.31503	.16494	.17055
Stddev	.00678	.0089	.00497	.0017	.00261	.0039	.00010	.00129	.00028
%RSD	.95599	.52228	.59366	.09458	.38026	.20668	.03169	.78337	.16669

#1	.70468	1.6888	.83382	1.7528	.68771	1.8749	.31510	.16403	.17035
#2	.71427	1.7014	.84085	1.7551	.68402	1.8804	.31496	.16585	.17075

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.193	.43532	.16584	.28216	2.5430	.17972	17.073	.41339	.05947
Stddev	.164	.00258	.00039	.00170	.0057	.00045	.022	.00206	.00077
%RSD	.36345	.59343	.23258	.60138	.22450	.25030	.12904	.49772	1.3022

#1	45.077	.43349	.16556	.28096	2.5390	.17940	17.088	.41194	.06002
#2	45.309	.43715	.16611	.28336	2.5471	.18004	17.057	.41485	.05892

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	126.66	.25721	.18864	12.114	.35052	.30049	3.9326	6.4412	.56469
Stddev	.36	.00125	.00176	.003	.00028	.00106	.0264	.0078	.00110
%RSD	.28600	.48427	.93306	.02648	.08126	.35245	.67026	.12118	.19480

#1	126.91	.25809	.18989	12.112	.35032	.30124	3.9140	6.4467	.56391
#2	126.40	.25633	.18740	12.116	.35073	.29974	3.9513	6.4357	.56547

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17460	1.5302	4.980	.56003	2.9207	1.8358
Stddev	.00015	.0027	.013	.00063	.0661	.1451
%RSD	.08518	.17744	.2534	.11309	2.2635	7.9034

#1	.17449	1.5321	4.971	.56048	2.9675	1.7332
#2	.17470	1.5283	4.989	.55958	2.8740	1.9384

Sample Name: J4958-01MSD Acquired: 9/21/2018 17:30:53 Type: Unk
Method: P4-ICP2(v2447) 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	4058.3	97111.	9187.1	231.07	6523.0
Stddev	10.9	110.	29.1	2.53	5.9
%RSD	.26755	.11348	.31716	1.0961	.09007
#1	4050.6	97033.	9166.5	229.28	6518.8
#2	4066.0	97189.	9207.7	232.86	6527.1

Sample Name: J4958-01A Acquired: 9/21/2018 17:34:45 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.69287	1.6815	.82728	1.7429	.67716	1.8526	.31450	.16413	.16904
Stddev	.00756	.0037	.00565	.0107	.00547	.0050	.00014	.00063	.00031
%RSD	1.0913	.22129	.68273	.61197	.80808	.27242	.04363	.38230	.18171

#1	.69821	1.6842	.83128	1.7504	.68103	1.8490	.31460	.16369	.16926
#2	.68752	1.6789	.82329	1.7354	.67329	1.8561	.31440	.16458	.16882

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.003	.43431	.16513	.28006	2.5315	.17890	17.005	.41178	.05850
Stddev	.069	.00235	.00131	.00117	.0090	.00042	.083	.00219	.00001
%RSD	.15382	.54077	.79287	.41889	.35546	.23553	.48809	.53115	.02227

#1	45.052	.43597	.16606	.28089	2.5252	.17920	16.946	.41333	.05849
#2	44.954	.43265	.16420	.27923	2.5379	.17860	17.063	.41024	.05851

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	125.32	.25731	.18549	12.118	.34754	.30648	3.8894	6.3512	.55950
Stddev	.99	.00060	.00280	.033	.00056	.00553	.0291	.0508	.00345
%RSD	.78659	.23171	1.5071	.27454	.16140	1.8052	.74839	.80017	.61737

#1	126.02	.25773	.18747	12.094	.34793	.30257	3.9099	6.3872	.56195
#2	124.63	.25689	.18351	12.141	.34714	.31039	3.8688	6.3153	.55706

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17752	1.5371	4.943	.55436	2.6699	1.5379
Stddev	.00284	.0077	.002	.00550	.0891	.3650
%RSD	1.6025	.50327	.0432	.99240	3.3361	23.733

#1	.17953	1.5426	4.945	.55825	2.7329	1.2798
#2	.17551	1.5316	4.942	.55047	2.6069	1.7960

Sample Name: J4958-01A Acquired: 9/21/2018 17:34:45 Type: Unk
Method: P4-ICP2(v2447) 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	4081.0	97576.	9304.3	234.48	6554.3
Stddev	5.8	32.	86.0	2.58	15.1
%RSD	.14119	.03303	.92396	1.1024	.22978
#1	4077.0	97554.	9243.5	232.65	6543.7
#2	4085.1	97599.	9365.1	236.31	6565.0

Sample Name: J4979-05DUP Acquired: 9/21/2018 17:38:37 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	.00579	-.00120	-.00147	-.00438	1.6805	.00834	.00002
Stddev	.00339	.00297	.00079	.00262	.00066	.0231	.00046	.00004
%RSD	112.79	51.268	65.994	178.01	15.136	1.3743	5.5328	156.64

#1	-.00541	.00369	-.00176	-.00333	-.00391	1.6642	.00866	.00005
#2	-.00061	.00789	-.00064	.00038	-.00485	1.6969	.00801	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	5.5097	.00173	.00001	.00346	.45921	.00983	1.7359
Stddev	.00009	.0107	.00084	.00041	.00027	.00212	.00004	.0019
%RSD	60.506	.19504	48.783	7348.3	7.8622	.46085	.36118	.10949

#1	.00009	5.5173	.00233	.00030	.00327	.45771	.00985	1.7372
#2	.00022	5.5021	.00113	-.00029	.00365	.46070	.00980	1.7345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00226	-.00042	.58923	.00231	.00541	.59872	.03292	.00216
Stddev	.00013	.00035	.00399	.00023	.00023	.00764	.00002	.01302
%RSD	5.7461	83.681	.67739	9.9334	4.2598	1.2755	.04884	603.68

#1	.00217	-.00017	.59205	.00215	.00557	.60412	.03291	-.00705
#2	.00235	-.00066	.58641	.00247	.00524	.59332	.03293	.01136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25145	2.5687	-.00096	.06351	-.02547	.0048	.02153	.31359
Stddev	.00053	.0035	.00044	.00086	.00392	.0025	.00014	.16476
%RSD	.21028	.13647	45.541	1.3475	15.380	53.22	.65071	52.540

#1	.25108	2.5712	-.00065	.06290	-.02824	.0065	.02143	.43009
#2	.25183	2.5662	-.00126	.06411	-.02270	.0030	.02163	.19708

Sample Name: J4979-05DUP Acquired: 9/21/2018 17:38:37 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0572
Stddev .4186
%RSD 20.348

#1 1.7612
#2 2.3532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4380.5	104330.	9541.7	243.33	7413.7
Stddev	6.7	364.	51.0	4.15	7.4
%RSD	.15263	.34889	.53472	1.7066	.10029

#1	4375.8	104070.	9505.6	240.40	7408.5
#2	4385.3	104590.	9577.8	246.27	7419.0

Sample Name: J4979-05LX5 Acquired: 9/21/2018 17:42:40 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 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	.00299	-.00122	-.00240	-.00461	.31789	.00175	-.00004
Stddev	.00375	.00383	.00042	.00059	.00039	.01664	.00014	.00001
%RSD	555.72	127.82	34.427	24.566	8.4168	5.2347	8.1077	18.349

#1	-.00198	.00029	-.00151	-.00198	-.00489	.32966	.00185	-.00004
#2	.00333	.00570	-.00092	-.00281	-.00434	.30613	.00165	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	1.1115	.00018	-.00011	.00093	.08701	.00201	.35957
Stddev	.00005	.0105	.00074	.00009	.00008	.00191	.00001	.04379
%RSD	47.778	.94463	400.02	81.929	8.8700	2.1917	.27056	12.177

#1	.00014	1.1190	.00070	-.00018	.00099	.08567	.00201	.39053
#2	.00007	1.1041	-.00034	-.00005	.00087	.08836	.00201	.32861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00033	.19950	.00079	.00098	.04468	.00656	.01749
Stddev	.00000	.00031	.00893	.00059	.00003	.06206	.00007	.00844
%RSD	.11902	94.303	4.4745	73.765	3.4134	138.90	1.1057	48.233

#1	.00170	-.00055	.19319	.00121	.00100	.08856	.00661	.02346
#2	.00170	-.00011	.20581	.00038	.00095	.00080	.00651	.01152

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04646	.46540	-.00004	.01903	-.02357	.0004	.00443	1.1966
Stddev	.00245	.00681	.00091	.00026	.00817	.0017	.00013	.1047
%RSD	5.2708	1.4624	2309.2	1.3750	34.658	400.4	2.8948	8.7477

#1	.04473	.47022	.00060	.01922	-.01779	.0016	.00452	1.2706
#2	.04819	.46059	-.00068	.01885	-.02934	-.0008	.00434	1.1226

Sample Name: J4979-05LX5 Acquired: 9/21/2018 17:42:40 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-01-091918 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1324
 Stddev .7818
 %RSD 36.664

#1 1.5796
 #2 2.6852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4346.2	102790.	9337.3	239.48	7377.3
Stddev	21.4	311.	95.5	4.07	29.7
%RSD	.49225	.30257	1.0233	1.7010	.40313

#1	4331.1	102570.	9269.7	236.59	7356.3
#2	4361.3	103010.	9404.9	242.36	7398.4

Sample Name: J4979-05MS Acquired: 9/21/2018 17:46:43 Type: Unk
Method: P4-ICP2(v2447) 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	.01123	.03302	.01164	.02432	.00846	.15711	.00169	.00063
Stddev	.00756	.01257	.00691	.00580	.00435	.03542	.00026	.00002
%RSD	67.316	38.080	59.363	23.861	51.373	22.546	15.407	3.0121

#1	.00588	.02413	.00675	.02021	.00539	.13206	.00151	.00062
#2	.01657	.04191	.01652	.02842	.01153	.18215	.00188	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	1.3140	.00235	.00235	.00631	.06335	.00469	.39656
Stddev	.00071	.3752	.00019	.00078	.00167	.00371	.00050	.11399
%RSD	27.358	28.553	8.1855	33.048	26.536	5.8606	10.608	28.744

#1	.00209	1.0487	.00248	.00180	.00512	.06072	.00433	.31596
#2	.00310	1.5793	.00221	.00290	.00749	.06597	.00504	.47716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00830	.00002	.18395	.00232	.00571	.08752	.02549	.01342
Stddev	.00167	.00039	.03695	.00029	.00126	.04745	.00534	.00779
%RSD	20.155	1790.8	20.085	12.487	22.101	54.213	20.964	58.055

#1	.00712	.00029	.15783	.00253	.00481	.05397	.02171	.00791
#2	.00949	-.00025	.21008	.00212	.00660	.12107	.02927	.01893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16044	.50526	.00644	.01042	-.02808	.0709	.00537	1.2927
Stddev	.02690	.06280	.00243	.00221	.01138	.0253	.00144	.1202
%RSD	16.768	12.430	37.698	21.177	40.546	35.65	26.900	9.2938

#1	.14142	.46085	.00472	.00886	-.03613	.0530	.00435	1.2078
#2	.17946	.54967	.00816	.01198	-.02003	.0887	.00639	1.3777

Sample Name: J4979-05MS Acquired: 9/21/2018 17:46:43 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0386
Stddev .2167
%RSD 10.631

#1 2.1919
#2 1.8854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4356.2	103090.	9345.1	241.26	7381.2
Stddev	9.7	261.	51.1	1.43	27.2
%RSD	.22355	.25331	.54700	.59106	.36833

#1	4349.3	102900.	9308.9	240.25	7362.0
#2	4363.1	103270.	9381.2	242.27	7400.4

Sample Name: J4979-05MSD Acquired: 9/21/2018 17:50:47 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 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	.78346	1.8857	.94497	2.0240	.80003	.91024	.03454	.06533	.19155
Stddev	.22534	.6057	.28343	.6167	.24020	.08296	.00956	.01829	.05557
%RSD	28.762	32.119	29.994	30.467	30.024	9.1142	27.695	27.991	29.012

#1	.62412	1.4575	.74455	1.5880	.63018	.85158	.02777	.05240	.15225
#2	.94280	2.3140	1.1454	2.4600	.96987	.96890	.04130	.07826	.23085

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8979	.13868	.18569	.30893	.64872	.07761	2.0668	.47000	.02165
Stddev	.2264	.04053	.05179	.08527	.11758	.01973	.0934	.13101	.00547
%RSD	3.8382	29.224	27.891	27.600	18.124	25.421	4.5170	27.875	25.275

#1	5.7378	.11002	.14907	.24864	.56558	.06366	2.0008	.37736	.01778
#2	6.0579	.16734	.22231	.36922	.73186	.09156	2.1328	.56263	.02552

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	.93686	.10324	.19726	1.8147	.44812	.05489	.27798	1.6263	.66918
Stddev	.13670	.02809	.05388	.4187	.11798	.02665	.00042	.1082	.18885
%RSD	14.591	27.212	27.314	23.070	26.328	48.560	.15099	6.6541	28.221

#1	.84020	.08338	.15916	1.5187	.36469	.03604	.27827	1.5498	.53565
#2	1.0335	.12311	.23536	2.1107	.53155	.07373	.27768	1.7029	.80272

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05213	.21850	5.391	.04878	.96029	.82298
Stddev	.00960	.08424	1.569	.00893	.24465	.10704
%RSD	18.416	38.556	29.09	18.311	25.477	13.006

#1	.04534	.15893	4.282	.04246	1.1333	.74729
#2	.05892	.27807	6.501	.05509	.78729	.89866

Sample Name: J4979-05MSD Acquired: 9/21/2018 17:50:47 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 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	4337.7	103660.	9492.4	239.97	7266.4
Stddev	4.5	133.	7.2	1.26	30.5
%RSD	.10346	.12825	.07632	.52460	.42008
#1	4340.9	103570.	9497.5	239.08	7287.9
#2	4334.5	103760.	9487.3	240.86	7244.8

Sample Name: CCV06 Acquired: 9/21/2018 17:54:43 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.7682	4.7314	4.6456	4.8238	4.8507	10.068	9.7042	.23399
Stddev	.0223	.0099	.0013	.0226	.0121	.105	.0201	.00076
%RSD	.46808	.20933	.02763	.46928	.25042	1.0390	.20747	.32293
#1	4.7840	4.7384	4.6447	4.8398	4.8593	9.9943	9.7185	.23345
#2	4.7524	4.7244	4.6465	4.8078	4.8421	10.142	9.6900	.23452
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3264	23.500	.95048	2.3244	1.2186	4.7441	2.3806	23.218
Stddev	.0007	.067	.00955	.0017	.0019	.0219	.0032	.068
%RSD	.02914	.28517	1.0047	.07251	.15532	.46190	.13452	.29446
#1	2.3269	23.453	.94372	2.3232	1.2173	4.7596	2.3784	23.170
#2	2.3259	23.548	.95723	2.3256	1.2199	4.7286	2.3829	23.266
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3359	1.1721	23.704	2.3704	2.3492	23.987	4.8226	4.7799
Stddev	.0032	.0026	.030	.0026	.0070	.020	.0100	.0086
%RSD	.13790	.21968	.12770	.10951	.29785	.08201	.20729	.17986
#1	2.3382	1.1703	23.683	2.3685	2.3541	24.001	4.8297	4.7859
#2	2.3337	1.1740	23.726	2.3722	2.3442	23.973	4.8156	4.7738
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7100	F 4.4861	4.6202	4.7497	F 4.4450	4.860	4.8091	F 2.1350
Stddev	.0113	.0141	.0004	.0139	.0286	.020	.0118	.2078
%RSD	.24057	.31535	.00821	.29293	.64316	.4206	.24445	9.7311
#1	4.7180	4.4761	4.6205	4.7398	4.4248	4.874	4.8175	2.2819
#2	4.7020	4.4961	4.6200	4.7595	4.4652	4.845	4.8008	1.9881

Sample Name: CCV06 Acquired: 9/21/2018 17:54:43 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8656
Stddev .2458
%RSD 6.3597

#1 3.6918
#2 4.0395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4241.0	99885.	9301.0	233.70	6774.0
Stddev	11.9	51.	5.1	1.04	16.4
%RSD	.28020	.05063	.05479	.44481	.24137

#1	4232.6	99921.	9297.4	232.96	6762.4
#2	4249.4	99849.	9304.6	234.43	6785.5

Sample Name: CCB06 Acquired: 9/21/2018 17:58:28 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00041	.00533	-.00024	.00345	-.00090	.00102	.00060	-.00013
Stddev	.00162	.00035	.00086	.00335	.00127	.01079	.00110	.00002
%RSD	395.63	6.4742	351.60	96.886	141.45	1052.3	181.52	15.474

#1	.00074	.00509	.00036	.00582	-.00179	.00865	-.00017	-.00014
#2	-.00156	.00557	-.00085	.00109	.00000	-.00660	.00138	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.02074	.00047	-.00013	-.00000	.00354	.00003	.02922
Stddev	.00008	.01098	.00043	.00057	.00066	.01952	.00002	.00021
%RSD	92.253	52.967	90.329	445.55	23557.	551.20	58.966	.70197

#1	.00014	.01297	.00078	-.00053	-.00047	.01734	.00004	.02908
#2	.00003	.02850	.00017	.00028	.00046	-.01026	.00002	.02937

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00003	.04064	.00039	-.00034	-.04574	.00041	.00972
Stddev	.00037	.00027	.01182	.00019	.00011	.02938	.00041	.01117
%RSD	27.023	811.71	29.083	47.386	32.937	64.233	98.506	114.91

#1	.00110	.00023	.03229	.00052	-.00042	-.06652	.00070	.01762
#2	.00162	-.00016	.04900	.00026	-.00026	-.02497	.00012	.00182

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00260	.00092	-.00029	.00675	-.00375	.0001	.00005	F 1.1123
Stddev	.00244	.00148	.00092	.00052	.00033	.0014	.00031	.1238
%RSD	94.051	161.79	318.69	7.7087	8.8430	1340.	629.83	11.134

#1	-.00087	.00196	-.00094	.00712	-.00351	.0011	-.00017	1.1998
#2	-.00432	-.00013	.00036	.00638	-.00398	-.0009	.00027	1.0247

Sample Name: CCB06 Acquired: 9/21/2018 17:58:28 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.4581
 Stddev .1727
 %RSD 11.845

#1 1.3360
 #2 1.5802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4333.7	103270.	9335.3	237.95	7380.5
Stddev	23.9	111.	22.3	4.66	24.1
%RSD	.55109	.10703	.23905	1.9577	.32709

#1	4316.8	103190.	9351.1	234.66	7363.4
#2	4350.6	103350.	9319.5	241.24	7397.6

Sample Name: J4979-05A Acquired: 9/21/2018 18:02:31 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 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	1.4219	3.5702	1.7087	3.6807	1.4143	4.1759	.34635	.33850	.34493
Stddev	.0170	.0039	.0089	.0423	.0198	.0735	.00726	.00198	.00326
%RSD	1.1954	.10972	.52270	1.1480	1.3977	1.7609	2.0972	.58622	.94481
#1	1.4339	3.5730	1.7150	3.7106	1.4283	4.1239	.34121	.33710	.34724
#2	1.4099	3.5674	1.7024	3.6508	1.4003	4.2279	.35149	.33990	.34263
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0225	.69131	.33069	.54367	5.2433	.35763	5.2881	.83561	.11963
Stddev	.0617	.00284	.00316	.00362	.1544	.00214	.0987	.00667	.00105
%RSD	.76902	.41148	.95574	.66575	2.9451	.59941	1.8660	.79816	.88112
#1	7.9789	.68930	.33293	.54623	5.1341	.35612	5.2183	.84033	.11888
#2	8.0661	.69332	.32846	.54111	5.3525	.35915	5.3579	.83090	.12038
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	5.3932	.51631	.34625	16.537	.75079	.49043	.28416	2.9580	1.1632
Stddev	.1592	.00209	.00006	.545	.00752	.00222	.00271	.0184	.0136
%RSD	2.9525	.40529	.01851	3.2970	1.0014	.45241	.95380	.62194	1.1704
#1	5.2806	.51483	.34629	16.152	.75611	.48886	.28607	2.9450	1.1728
#2	5.5058	.51779	.34620	16.923	.74547	.49200	.28224	2.9711	1.1536
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.38176	2.9033	9.693	.34506	1.1146	.08084			
Stddev	.00385	.0521	.072	.00851	.0430	.07573			
%RSD	1.0097	1.7931	.7449	2.4668	3.8544	93.683			
#1	.37903	2.8665	9.744	.33905	1.1450	.13439			
#2	.38448	2.9401	9.642	.35108	1.0842	.02729			

Sample Name: J4979-05A Acquired: 9/21/2018 18:02:31 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-01-091918 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	4335.2	103420.	9561.3	240.95	7194.5
Stddev	15.6	76.	15.9	1.93	12.1
%RSD	.36088	.07368	.16681	.80304	.16849
#1	4324.1	103360.	9572.6	242.32	7185.9
#2	4346.3	103470.	9550.1	239.58	7203.1

Sample Name: PBW Acquired: 9/21/2018 18:06:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	.00346	-.00032	-.00528	-.00225	.00599	.00037
Stddev	.00371	.00075	.00091	.00839	.00071	.00837	.00018
%RSD	160.73	21.720	285.71	158.96	31.462	139.64	47.246

#1	-.00494	.00399	-.00096	-.01121	-.00275	.00008	.00025
#2	.00032	.00293	.00033	.00065	-.00175	.01191	.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00015	.00655	-.00010	-.00022	.00041	.01431
Stddev	.00004	.00002	.00333	.00017	.00060	.00033	.01284
%RSD	558.86	13.723	50.841	176.44	273.17	79.967	89.698

#1	.00002	.00016	.00419	-.00021	-.00065	.00065	.00524
#2	-.00004	.00013	.00890	.00002	.00021	.00018	.02339

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.03613	.00180	-.00073	.01351	.00022	-.00027
Stddev	.00002	.01061	.00029	.00009	.00456	.00079	.00009
%RSD	155.22	29.381	15.860	11.833	33.749	354.86	31.201

#1	.00000	.02862	.00160	-.00067	.01673	-.00033	-.00033
#2	-.00003	.04363	.00200	-.00079	.01029	.00078	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04864	-.00007	-.00474	-.00244	-.00599	-.00093	.00641
Stddev	.01044	.00042	.00428	.00008	.00437	.00072	.00303
%RSD	21.468	637.10	90.437	3.3344	72.884	76.689	47.237

#1	-.04125	-.00036	-.00171	-.00238	-.00908	-.00144	.00856
#2	-.05602	.00023	-.00777	-.00250	-.00291	-.00043	.00427

Sample Name: PBW Acquired: 9/21/2018 18:06:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.02138	.0012	.00011	F 1.0824	F 1.4335
Stddev	.00216	.0022	.00000	.1480	.0519
%RSD	10.123	181.4	1.0317	13.675	3.6169

#1	-.02291	-.0003	.00011	1.1871	1.3969
#2	-.01985	.0027	.00011	.97772	1.4702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4334.2	102630.	9402.7	242.20	7371.5
Stddev	22.9	269.	65.0	.70	24.8
%RSD	.52910	.26222	.69080	.29106	.33686

#1	4318.0	102440.	9448.6	241.70	7354.0
#2	4350.4	102820.	9356.8	242.70	7389.1

Sample Name: LCSW Acquired: 9/21/2018 18:10:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77864	1.9674	.93880	1.9638	.77353	2.0172	.20220
Stddev	.00608	.0050	.00128	.0096	.00269	.0234	.00037
%RSD	.78063	.25196	.13610	.49007	.34736	1.1595	.18369

#1	.78294	1.9709	.93971	1.9706	.77543	2.0007	.20194
#2	.77434	1.9639	.93790	1.9570	.77163	2.0338	.20247

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18049	.18870	.97412	.39468	.18534	.30283	2.9241
Stddev	.00069	.00147	.01961	.00385	.00068	.00198	.0182
%RSD	.38291	.77986	2.0128	.97655	.36604	.65478	.62230

#1	.18000	.18974	.96025	.39196	.18581	.30423	2.9112
#2	.18098	.18766	.98798	.39741	.18486	.30143	2.9369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20025	1.9012	.46412	.06725	2.9140	.29606	.19933
Stddev	.00144	.0286	.00131	.00049	.0245	.00076	.00009
%RSD	.71835	1.5052	.28190	.72364	.84168	.25712	.04527

#1	.19923	1.8809	.46504	.06759	2.8967	.29552	.19926
#2	.20127	1.9214	.46319	.06691	2.9314	.29660	.19939

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7165	.40546	.29121	F -.00682	.84018	.62464	.20112
Stddev	.0223	.00095	.00592	.00347	.00240	.00095	.00272
%RSD	.22918	.23494	2.0336	50.794	.28582	.15138	1.3514

#1	9.7008	.40613	.29540	-.00437	.83849	.62531	.20304
#2	9.7323	.40478	.28703	-.00928	.84188	.62397	.19920

Sample Name: LCSW Acquired: 9/21/2018 18:10:24 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW001 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7246	F 5.154	.19418	F 1.5432	.88127
Stddev	.0043	.018	.00044	.1508	.24532
%RSD	.24906	.3566	.22835	9.7699	27.837

#1	1.7276	5.167	.19449	1.4366	.70780
#2	1.7216	5.141	.19386	1.6499	1.0547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.3	100820.	9311.2	236.10	7120.1
Stddev	19.8	161.	32.4	.02	13.7
%RSD	.47130	.16000	.34819	.00930	.19266

#1	4177.3	100930.	9288.3	236.12	7110.4
#2	4205.3	100700.	9334.1	236.08	7129.8

Sample Name: PBW Acquired: 9/21/2018 18:14:16 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00458	.00500	-.00038	.00174	-.00501	-.00133	.00105
Stddev	.00218	.00014	.00153	.00512	.00093	.01495	.00033
%RSD	47.645	2.8259	408.21	294.26	18.547	1120.2	30.897

#1	-.00303	.00490	.00071	-.00188	-.00436	-.01190	.00082
#2	-.00612	.00510	-.00146	.00537	-.00567	.00923	.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00025	.00790	.00017	-.00004	.00012	-.00984
Stddev	.00007	.00001	.00862	.00011	.00009	.00043	.00413
%RSD	178.21	5.8313	109.06	63.188	199.28	347.09	41.976

#1	-.00008	.00026	.01399	.00009	.00002	-.00018	-.01276
#2	.00001	.00024	.00181	.00024	-.00011	.00042	-.00692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00426	.00163	-.00097	.01276	.00012	-.00033
Stddev	.00006	.01564	.00025	.00008	.01359	.00004	.00003
%RSD	159.43	367.59	15.461	7.9104	106.52	32.578	8.9966

#1	-.00008	-.01532	.00181	-.00102	.00315	.00014	-.00031
#2	.00000	.00681	.00145	-.00091	.02237	.00009	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09932	-.00007	.00375	-.00210	-.00298	-.00046	.00740
Stddev	.02009	.00009	.01575	.00402	.00473	.00005	.00170
%RSD	20.226	123.75	420.24	191.13	158.96	10.425	22.995

#1	-.11352	-.00001	-.00739	-.00495	.00037	-.00049	.00620
#2	-.08511	-.00014	.01488	.00074	-.00633	-.00042	.00861

Sample Name: PBW Acquired: 9/21/2018 18:14:16 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW002 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01742	-.0014	.00009	F 1.0312	F 1.5934
Stddev	.00981	.0052	.00011	.3255	.0168
%RSD	56.358	369.5	113.58	31.562	1.0523

#1	-.02436	.0023	.00002	.80109	1.5816
#2	-.01048	-.0051	.00017	1.2614	1.6053

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.2	102780.	9304.1	234.70	7395.4
Stddev	17.0	195.	19.7	.15	17.9
%RSD	.39000	.18983	.21197	.06596	.24139

#1	4336.2	102640.	9290.2	234.59	7382.8
#2	4360.2	102920.	9318.1	234.81	7408.0

Sample Name: LCSW Acquired: 9/21/2018 18:18:21 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78752	1.9743	.94619	1.9737	.77958	2.0176	.20313
Stddev	.00174	.0035	.00296	.0031	.00167	.0183	.00089
%RSD	.22143	.17802	.31307	.15663	.21418	.90641	.43743

#1	.78876	1.9719	.94410	1.9715	.78077	2.0047	.20375
#2	.78629	1.9768	.94828	1.9759	.77840	2.0305	.20250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18099	.18995	.99314	.39599	.18640	.30366	2.9964
Stddev	.00043	.00066	.03209	.00050	.00082	.00074	.0473
%RSD	.23901	.34729	3.2313	.12522	.44254	.24320	1.5780

#1	.18068	.18949	1.0158	.39564	.18581	.30314	3.0299
#2	.18130	.19042	.97045	.39634	.18698	.30418	2.9630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20123	1.8698	.46771	.06711	2.9078	.29852	.20237
Stddev	.00016	.0181	.00061	.00030	.0004	.00084	.00279
%RSD	.07909	.96620	.12939	.44610	.01217	.28192	1.3794

#1	.20111	1.8826	.46728	.06733	2.9075	.29911	.20434
#2	.20134	1.8570	.46813	.06690	2.9080	.29792	.20039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6861	.40611	.29012	F -.00624	.85206	.62544	.20340
Stddev	.0076	.00095	.00251	.00095	.00138	.00113	.00188
%RSD	.07836	.23285	.86549	15.248	.16168	.18016	.92195

#1	9.6915	.40678	.29189	-.00557	.85109	.62465	.20473
#2	9.6807	.40544	.28834	-.00692	.85303	.62624	.20207

Sample Name: LCSW Acquired: 9/21/2018 18:18:21 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 1.7529	F 5.166	.19409	F 1.7494	F .43848
Stddev	.0066	.004	.00044	.0396	.17561
%RSD	.37872	.0807	.22629	2.2606	40.050

#1	1.7576	5.169	.19378	1.7214	.31430
#2	1.7482	5.163	.19440	1.7773	.56265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4185.7	100670.	9249.5	233.00	7100.4
Stddev	16.2	374.	45.5	4.57	18.9
%RSD	.38603	.37183	.49188	1.9625	.26569

#1	4174.3	100410.	9217.3	229.77	7087.1
#2	4197.1	100940.	9281.7	236.23	7113.7

Sample Name: J4958-28 Acquired: 9/21/2018 18:22:15 Type: Unk
 Method: P4-ICP2(v2447) Mode: 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	-.00396	.00134	-.00033	-.00039	-.00342	.03273	.03389	-.00006
Stddev	.00156	.00134	.00028	.00235	.00293	.01774	.00061	.00009
%RSD	39.401	100.03	84.695	609.79	85.665	54.190	1.7890	152.02

#1	-.00285	.00039	-.00013	-.00205	-.00549	.04527	.03346	.00000
#2	-.00506	.00229	-.00053	.00128	-.00135	.02019	.03432	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	12.621	.00137	-.00007	.00243	.00402	.02870	4.5880
Stddev	.00010	.062	.00068	.00011	.00002	.00287	.00013	.0199
%RSD	116.81	.49395	49.277	152.88	.64409	71.442	.45778	.43452

#1	.00002	12.577	.00089	.00001	.00242	.00604	.02860	4.6021
#2	.00016	12.665	.00185	-.00014	.00244	.00199	.02879	4.5740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	.00019	35.665	.00023	.02383	2.0248	-.00005	.05328
Stddev	.00037	.00062	.118	.00060	.00016	.0233	.00008	.01803
%RSD	12.885	333.37	.33080	261.47	.65128	1.1486	149.64	33.832

#1	.00316	.00063	35.749	.00066	.02394	2.0413	.00000	.04053
#2	.00264	-.00025	35.582	-.00020	.02372	2.0084	-.00011	.06602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1990	5.0047	.00013	.00643	-.01306	.0036	.10399	1.4739
Stddev	.0092	.0279	.00018	.00043	.00537	.0016	.00077	.1445
%RSD	.21800	.55843	141.13	6.6424	41.117	43.74	.74512	9.8054

#1	4.1925	4.9850	.00025	.00673	-.01686	.0025	.10454	1.5761
#2	4.2054	5.0245	.00000	.00613	-.00927	.0047	.10344	1.3717

Sample Name: J4958-28 Acquired: 9/21/2018 18:22:15 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3648
 Stddev .1422
 %RSD 6.0117

#1 2.4653
 #2 2.2643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4216.0	100840.	9389.8	237.54	7054.7
Stddev	7.2	76.	15.8	1.30	14.0
%RSD	.17082	.07500	.16828	.54890	.19852

#1	4210.9	100780.	9378.6	236.62	7044.8
#2	4221.1	100890.	9401.0	238.46	7064.6

Sample Name: J4958-29 Acquired: 9/21/2018 18:26:18 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00103	.00233	.00002	.00156	-.00437	.02311	.04457	-.00007
Stddev	.00072	.00169	.00072	.00341	.00190	.00627	.00079	.00002
%RSD	70.078	72.617	4232.5	217.97	43.546	27.142	1.7810	33.245

#1	.00052	.00113	-.00049	.00397	-.00302	.02754	.04401	-.00005
#2	.00155	.00353	.00052	-.00085	-.00571	.01867	.04513	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	10.455	.00081	-.00047	.00281	.00726	.00229	2.6146
Stddev	.00008	.043	.00049	.00042	.00042	.01671	.00011	.0169
%RSD	82.703	.41065	60.546	89.902	14.807	230.18	4.9090	.64740

#1	.00015	10.424	.00116	-.00077	.00310	-.00456	.00237	2.6026
#2	.00004	10.485	.00046	-.00017	.00252	.01907	.00221	2.6265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00031	9.8769	.00017	.01791	1.6253	.00028	.03627
Stddev	.00038	.00044	.0353	.00066	.00012	.0278	.00027	.00220
%RSD	16.515	142.53	.35712	388.26	.67704	1.7113	98.093	6.0547

#1	.00201	-.00062	9.8520	.00064	.01783	1.6450	.00009	.03782
#2	.00254	.00000	9.9019	-.00030	.01800	1.6056	.00047	.03471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8256	3.0966	-.00045	.00698	-.03868	.0023	.09197	1.2905
Stddev	.0087	.0260	.00069	.00083	.00355	.0017	.00010	.0159
%RSD	.22767	.83977	152.94	11.833	9.1716	70.59	.10758	1.2297

#1	3.8195	3.0782	-.00093	.00640	-.03617	.0012	.09190	1.2793
#2	3.8318	3.1150	.00004	.00757	-.04119	.0035	.09204	1.3017

Sample Name: J4958-29 Acquired: 9/21/2018 18:26:18 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9633
Stddev .4910
%RSD 25.007

#1 2.3105
#2 1.6162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4246.5	101710.	9420.8	240.68	7203.5
Stddev	27.0	139.	2.2	.07	31.0
%RSD	.63609	.13636	.02295	.02812	.43012

#1	4227.4	101610.	9419.3	240.73	7181.6
#2	4265.6	101810.	9422.3	240.63	7225.4

Sample Name: J4958-31 Acquired: 9/21/2018 18:34:22 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00286	.00176	.00013	.00308	-.00524	.06325	.02241	-.00012
Stddev	.00049	.00268	.00174	.00590	.00148	.00640	.00016	.00002
%RSD	17.205	152.49	1369.6	191.77	28.179	10.124	.72446	15.034

#1	-.00251	-.00014	-.00110	.00725	-.00629	.05872	.02230	-.00013
#2	-.00321	.00365	.00136	-.00109	-.00420	.06777	.02253	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	8.9172	.01215	-.00014	.00243	.09985	.00358	2.8008
Stddev	.00023	.0992	.00024	.00001	.00074	.01611	.00002	.0467
%RSD	203.83	1.1129	1.9477	6.1015	30.279	16.130	.60458	1.6662

#1	-.00005	8.9873	.01198	-.00013	.00295	.11124	.00357	2.8338
#2	.00028	8.8470	.01231	-.00014	.00191	.08846	.00360	2.7678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00995	-.00015	58.274	.00046	.02678	1.6025	.00053	.02614
Stddev	.00003	.00041	.066	.00045	.00001	.0234	.00008	.01991
%RSD	.28350	267.06	.11367	96.424	.04179	1.4595	14.292	76.167

#1	.00993	.00014	58.227	.00015	.02679	1.5860	.00059	.01206
#2	.00997	-.00044	58.321	.00078	.02677	1.6191	.00048	.04021

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8511	2.0364	.00088	.00724	-.02308	.0037	.05343	1.8418
Stddev	.0109	.0166	.00015	.00404	.00214	.0006	.00053	.0680
%RSD	.22375	.81523	16.684	55.790	9.2824	15.91	.99253	3.6904

#1	4.8588	2.0481	.00098	.00438	-.02459	.0041	.05306	1.8899
#2	4.8434	2.0247	.00077	.01010	-.02156	.0033	.05381	1.7938

Sample Name: J4958-31 Acquired: 9/21/2018 18:34:22 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3828
Stddev	.0650
%RSD	2.7261

#1	2.4288
#2	2.3369

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4212.2	100900.	9495.1	242.65	6984.9
Stddev	6.5	287.	37.9	1.36	9.8
%RSD	.15425	.28483	.39965	.56089	.14005

#1	4207.7	101100.	9468.3	241.69	6977.9
#2	4216.8	100690.	9521.9	243.61	6991.8

Sample Name: J4958-32 Acquired: 9/21/2018 18:38:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00359	-.00242	-.02099	-.00853	-.00613	1.3921	.10136	.00105
Stddev	.00356	.00056	.00096	.00309	.00005	.0067	.00006	.00004
%RSD	99.163	23.172	4.5719	36.236	.73446	.48013	.05688	3.5373

#1	.00107	-.00281	-.02167	-.00634	-.00610	1.3874	.10140	.00108
#2	.00611	-.00202	-.02031	-.01072	-.00616	1.3969	.10132	.00103

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	107.90	.00892	.03131	.03052	60.829	.86209	14.077
Stddev	.00014	.01	.00065	.00034	.00052	.642	.00084	.041
%RSD	2.8020	.01095	7.2973	1.0874	1.6993	1.0554	.09739	.29389

#1	.00507	107.90	.00846	.03155	.03088	61.283	.86268	14.107
#2	.00487	107.89	.00938	.03107	.03015	60.375	.86149	14.048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01309	-.00204	105.33	.00179	.10451	8.0647	-.00095	.08652
Stddev	.00074	.00011	.05	.00084	.00093	.0513	.00083	.00429
%RSD	5.6675	5.4508	.05208	47.139	.89010	.63575	87.394	4.9606

#1	.01256	-.00212	105.37	.00119	.10516	8.1010	-.00036	.08956
#2	.01361	-.00196	105.29	.00239	.10385	8.0285	-.00154	.08349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.496	8.4414	-.02056	.00319	.01790	.0191	.68408	2.1487
Stddev	.062	.0207	.00126	.00042	.00458	.0000	.00215	.1167
%RSD	.09238	.24489	6.1428	13.052	25.604	.2492	.31447	5.4294

#1	67.452	8.4560	-.01967	.00290	.02114	.0191	.68561	2.2312
#2	67.540	8.4268	-.02145	.00349	.01466	.0192	.68256	2.0662

Sample Name: J4958-32 Acquired: 9/21/2018 18:38:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 12.594
Stddev .443
%RSD 3.5163

#1 12.281
#2 12.907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.7	98022.	9510.8	235.77	6447.5
Stddev	15.7	234.	51.6	3.34	19.9
%RSD	.38805	.23825	.54218	1.4180	.30810

#1	4037.6	97857.	9474.4	233.40	6433.4
#2	4059.8	98187.	9547.3	238.13	6461.5

Sample Name: CCV07 Acquired: 9/21/2018 18:42:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.8862	4.8531	4.7646	4.9479	4.9652	10.112	9.8688	.23950
Stddev	.0053	.0182	.0134	.0210	.0044	.007	.0213	.00111
%RSD	.10916	.37431	.28180	.42417	.08844	.06455	.21544	.46493
#1	4.8900	4.8659	4.7741	4.9627	4.9683	10.117	9.8838	.23872
#2	4.8824	4.8403	4.7551	4.9330	4.9621	10.108	9.8537	.24029
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3836	23.931	.97012	2.3824	1.2447	4.8502	2.4156	23.596
Stddev	.0008	.229	.00058	.0012	.0001	.0360	.0032	.127
%RSD	.03437	.95611	.05960	.04904	.00889	.74155	.13191	.53973
#1	2.3842	23.769	.96971	2.3832	1.2446	4.8247	2.4133	23.506
#2	2.3830	24.092	.97053	2.3816	1.2448	4.8756	2.4178	23.686
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3987	1.1988	24.053	2.4155	2.3884	24.169	4.9322	4.7887
Stddev	.0001	.0020	.029	.0072	.0226	.011	.0024	.0019
%RSD	.00641	.16716	.12115	.29950	.94546	.04659	.04830	.03870
#1	2.3986	1.1974	24.073	2.4104	2.3725	24.177	4.9305	4.7874
#2	2.3988	1.2002	24.032	2.4206	2.4044	24.161	4.9339	4.7900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8078	4.5964	4.7360	4.8616	F 4.4659	4.965	4.8974	F 1.5964
Stddev	.0059	.0413	.0107	.0040	.0205	.020	.0034	.1917
%RSD	.12263	.89957	.22538	.08296	.45975	.4066	.06859	12.009
#1	4.8120	4.5672	4.7436	4.8588	4.4804	4.979	4.8998	1.7320
#2	4.8036	4.6257	4.7285	4.8645	4.4514	4.950	4.8950	1.4609

Sample Name: CCV07 Acquired: 9/21/2018 18:42:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7389
Stddev .6400
%RSD 17.119

#1 3.2863
#2 4.1915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4255.3	101060.	9438.8	234.44	6790.0
Stddev	3.5	118.	19.2	1.82	20.0
%RSD	.08204	.11679	.20351	.77502	.29493

#1	4252.9	100970.	9452.4	235.73	6775.9
#2	4257.8	101140.	9425.2	233.16	6804.2

Sample Name: CCB07 Acquired: 9/21/2018 18:46:09 Type: Unk
Method: P4-ICP2(v2447) 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	-.00610	.00149	-.00070	-.00105	-.00316	.00934	.00020
Stddev	.00144	.00159	.00052	.00064	.00186	.00940	.00017
%RSD	23.518	106.62	74.378	60.943	58.637	100.70	83.915

#1	-.00509	.00261	-.00107	-.00150	-.00185	.00269	.00008
#2	-.00712	.00037	-.00033	-.00060	-.00448	.01599	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	.01092	.00038	-.00022	.00045	-.00351
Stddev	.00000	.00001	.01305	.00028	.00007	.00056	.00039
%RSD	57.929	19.349	119.56	74.221	31.511	123.16	11.191

#1	.00001	.00006	.00169	.00057	-.00027	.00085	-.00323
#2	.00001	.00008	.02015	.00018	-.00017	.00006	-.00379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00288	.00128	-.00042	-.01920	-.00020	-.00006
Stddev	.00002	.00221	.00073	.00031	.00278	.00036	.00004
%RSD	37.741	76.775	56.885	73.935	14.468	174.53	70.164

#1	-.00006	.00132	.00180	-.00020	-.01724	-.00046	-.00009
#2	-.00004	.00445	.00077	-.00064	-.02117	.00005	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07368	.00046	.02399	-.00006	-.00647	-.00017	.00545
Stddev	.03545	.00003	.01164	.00459	.00013	.00146	.00086
%RSD	48.108	6.1858	48.502	7908.0	1.9554	877.72	15.835

#1	-.09875	.00044	.01577	-.00330	-.00656	.00087	.00606
#2	-.04862	.00048	.03222	.00319	-.00638	-.00120	.00484

Sample Name: CCB07 Acquired: 9/21/2018 18:46:09 Type: Unk
 Method: P4-ICP2(v2447) 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 -.02263	.0001	.00014	F .79913	F 1.1417
Stddev	.00323	.0013	.00008	.08351	.2735
%RSD	14.254	889.8	59.112	10.450	23.959

#1	-.02491	.0011	.00019	.85818	.94825
#2	-.02035	-.0008	.00008	.74008	1.3351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.1	103530.	9423.5	240.74	7403.5
Stddev	21.7	126.	12.9	.75	25.7
%RSD	.49996	.12130	.13715	.30996	.34692

#1	4326.7	103620.	9414.4	240.22	7385.3
#2	4357.4	103440.	9432.7	241.27	7421.7

Sample Name: J4958-33 Acquired: 9/21/2018 18:50:13 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00421	.00143	-.00037	.00096	-.00448	.00457	.09259	-.00021
Stddev	.00084	.00128	.00073	.00079	.00160	.00214	.00108	.00007
%RSD	20.003	89.599	198.15	82.063	35.602	46.767	1.1614	33.509

#1	-.00361	.00234	.00015	.00152	-.00336	.00608	.09183	-.00026
#2	-.00480	.00053	-.00089	.00040	-.00561	.00306	.09335	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00353	53.726	.02689	.00102	.00614	.17523	.01683	13.383
Stddev	.00018	.940	.00051	.00003	.00037	.02930	.00004	.175
%RSD	5.0340	1.7490	1.9023	3.0414	5.9794	16.719	.20958	1.3099

#1	.00366	53.062	.02653	.00104	.00588	.15451	.01685	13.260
#2	.00341	54.390	.02725	.00100	.00640	.19594	.01680	13.507

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03179	-.00059	29.130	.00012	.02129	9.7928	.00191	.11597
Stddev	.00019	.00024	.290	.00000	.00057	.0628	.00034	.00541
%RSD	.60940	41.346	.99644	2.1112	2.6640	.64121	18.055	4.6694

#1	.03193	-.00041	28.924	.00012	.02088	9.7484	.00166	.11214
#2	.03166	-.00076	29.335	.00012	.02169	9.8372	.00215	.11980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.318	3.0599	-.00226	.00424	-.02341	-.0006	2.0545	1.8548
Stddev	.078	.0523	.00041	.00196	.00850	.0008	.0179	.0635
%RSD	.63029	1.7088	18.306	46.343	36.333	137.5	.87069	3.4258

#1	12.373	3.0229	-.00255	.00285	-.02942	-.0000	2.0419	1.8997
#2	12.263	3.0969	-.00197	.00563	-.01739	-.0012	2.0672	1.8099

Sample Name: J4958-33 Acquired: 9/21/2018 18:50:13 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2378
 Stddev .1770
 %RSD 7.9072

#1 2.3630
 #2 2.1127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.4	99912.	9407.6	234.84	6860.3
Stddev	7.4	228.	117.3	4.43	30.7
%RSD	.17904	.22845	1.2474	1.8872	.44755

#1	4130.1	99751.	9490.5	237.98	6838.5
#2	4140.6	100070.	9324.6	231.71	6882.0

Sample Name: J4958-34 Acquired: 9/21/2018 18:54:14 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	.00110	.00044	.00702	-.00561	.01084	.33894	-.00015
Stddev	.00028	.00418	.00004	.00379	.00046	.02423	.00078	.00002
%RSD	19.432	381.08	9.3721	53.990	8.1320	223.48	.23035	10.951
#1	-.00164	-.00186	.00047	.00970	-.00594	-.00629	.33839	-.00016
#2	-.00124	.00405	.00041	.00434	-.00529	.02797	.33949	-.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	46.511	.02350	-.00029	.00697	.00037	.02689	10.466
Stddev	.00014	.043	.00074	.00021	.00050	.00397	.00012	.014
%RSD	395.42	.09247	3.1431	71.718	7.1245	1088.7	.44630	.13362
#1	.00014	46.480	.02297	-.00014	.00662	-.00245	.02698	10.456
#2	-.00006	46.541	.02402	-.00043	.00732	.00318	.02681	10.476
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00211	-.00030	58.136	.00020	.02192	6.7435	.00015	.10098
Stddev	.00037	.00038	.326	.00014	.00012	.0164	.00035	.00071
%RSD	17.503	126.97	.56093	69.404	.57002	.24342	233.06	.70279
#1	.00185	-.00003	57.905	.00010	.02183	6.7318	-.00010	.10048
#2	.00237	-.00057	58.366	.00029	.02201	6.7551	.00040	.10148
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.820	7.7519	-.00519	.00471	-.02142	.1030	.43919	2.0420
Stddev	.045	.0764	.00193	.00026	.00757	.0031	.00305	.1205
%RSD	.19548	.98530	37.288	5.5106	35.328	3.025	.69508	5.8992
#1	22.788	7.8059	-.00382	.00452	-.01607	.1008	.43703	2.1271
#2	22.851	7.6979	-.00655	.00489	-.02677	.1052	.44135	1.9568

Sample Name: J4958-34 Acquired: 9/21/2018 18:54:14 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1260
 Stddev .5496
 %RSD 25.852

#1 2.5147
 #2 1.7374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.2	98949.	9349.6	236.34	6766.8
Stddev	16.6	129.	4.1	.24	26.3
%RSD	.40623	.13046	.04362	.10203	.38899

#1	4082.4	99040.	9346.7	236.17	6748.1
#2	4106.0	98858.	9352.5	236.51	6785.4

Sample Name: J4958-36 Acquired: 9/21/2018 19:02:19 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00258	.00297	-.00068	.00277	-.00424	.02202	.08665	-.00008
Stddev	.00045	.00090	.00051	.00452	.00096	.01735	.00085	.00008
%RSD	17.598	30.390	76.066	162.95	22.557	78.827	.97590	96.062

#1	-.00290	.00361	-.00104	-.00042	-.00492	.03429	.08605	-.00014
#2	-.00226	.00233	-.00031	.00597	-.00357	.00974	.08724	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	19.609	.00363	.00403	.00286	.19382	.06888	5.4186
Stddev	.00017	.011	.00020	.00039	.00005	.00650	.00040	.0760
%RSD	228.42	.05824	5.4094	9.7569	1.7263	3.3559	.57656	1.4023

#1	.00020	19.601	.00349	.00375	.00282	.19842	.06860	5.3649
#2	-.00005	19.618	.00377	.00430	.00289	.18922	.06916	5.4723

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00247	-.00029	80.803	.00044	.02059	2.5436	-.00030	.04500
Stddev	.00012	.00034	.532	.00049	.00022	.0088	.00032	.01250
%RSD	4.6569	118.01	.65809	110.63	1.0509	.34728	106.75	27.782

#1	.00255	-.00005	80.427	.00079	.02074	2.5374	-.00007	.03616
#2	.00239	-.00053	81.179	.00010	.02044	2.5499	-.00053	.05383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7935	3.8191	-.00127	.00659	.00457	-.0021	.16044	1.7630
Stddev	.0386	.0551	.00077	.00187	.00252	.0026	.00054	.0243
%RSD	.49554	1.4433	60.476	28.302	55.072	122.6	.33429	1.3758

#1	7.7662	3.7801	-.00182	.00527	.00279	-.0040	.16006	1.7801
#2	7.8208	3.8580	-.00073	.00791	.00636	-.0003	.16082	1.7458

Sample Name: J4958-36 Acquired: 9/21/2018 19:02:19 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3255
Stddev .2168
%RSD 9.3253

#1 2.1721
#2 2.4788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.5	99686.	9442.8	237.69	6869.9
Stddev	10.7	261.	51.5	.41	12.3
%RSD	.25578	.26158	.54491	.17231	.17858

#1	4174.0	99870.	9479.1	237.98	6861.2
#2	4189.1	99502.	9406.4	237.40	6878.6

Sample Name: J4958-37 Acquired: 9/21/2018 19:06:22 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00363	.00108	.00030	.00318	-.00303	.00700	.09922	-.00007
Stddev	.00080	.00044	.00072	.00302	.00003	.01224	.00015	.00011
%RSD	22.021	40.738	240.86	95.098	1.1259	174.97	.15585	161.67

#1	-.00307	.00140	-.00021	.00104	-.00300	-.00166	.09933	.00001
#2	-.00420	.00077	.00081	.00531	-.00305	.01566	.09911	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	22.987	.00307	.00450	.00825	.07481	.07936	6.3896
Stddev	.00003	.089	.00013	.00000	.00065	.01211	.00017	.0075
%RSD	21.965	.38636	4.3563	.02067	7.8766	16.184	.20810	.11683

#1	.00013	22.924	.00298	.00450	.00871	.08337	.07947	6.3843
#2	.00010	23.050	.00317	.00450	.00779	.06625	.07924	6.3949

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00047	95.104	.00052	.02323	3.0056	.00008	.05000
Stddev	.00091	.00005	.841	.00107	.00024	.0324	.00011	.00392
%RSD	41.718	9.7341	.88454	206.64	1.0290	1.0765	133.62	7.8315

#1	.00154	-.00050	94.509	.00128	.02306	2.9827	.00000	.04723
#2	.00283	-.00043	95.699	-.00024	.02339	3.0284	.00016	.05277

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1119	4.4561	-.00092	.00480	-.01163	.0027	.18890	1.8387
Stddev	.0369	.0372	.00048	.00009	.00864	.0018	.00036	.2634
%RSD	.40505	.83536	51.753	1.8462	74.303	65.08	.18809	14.326

#1	9.1380	4.4297	-.00126	.00486	-.01774	.0040	.18915	2.0249
#2	9.0858	4.4824	-.00058	.00474	-.00552	.0015	.18865	1.6524

Sample Name: J4958-37 Acquired: 9/21/2018 19:06:22 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6584
Stddev .4146
%RSD 24.999

#1 1.3653
#2 1.9516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.7	98942.	9430.4	237.05	6769.0
Stddev	28.7	147.	42.7	.37	31.0
%RSD	.69539	.14889	.45280	.15537	.45788

#1	4104.4	98838.	9460.6	237.31	6747.1
#2	4145.0	99047.	9400.2	236.79	6790.9

Sample Name: J4958-38 Acquired: 9/21/2018 19:10:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00605	.00073	.00231	.00385	-.00666	.04205	.13184	.00006
Stddev	.00092	.00084	.00220	.00205	.00143	.01013	.00016	.00001
%RSD	15.162	114.44	95.427	53.171	21.532	24.081	.12407	18.572

#1	-.00540	.00133	.00386	.00240	-.00767	.04921	.13173	.00005
#2	-.00669	.00014	.00075	.00529	-.00564	.03489	.13196	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	36.947	.00120	.00471	.00946	-.00715	.08753	14.259
Stddev	.00020	.028	.00021	.00027	.00051	.00860	.00071	.109
%RSD	28.082	.07550	17.867	5.6396	5.3460	120.26	.80643	.76721

#1	.00085	36.927	.00105	.00453	.00981	-.01323	.08703	14.182
#2	.00057	36.967	.00135	.00490	.00910	-.00107	.08803	14.337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01011	.00002	89.484	.00069	.06564	3.3306	.00041	.07691
Stddev	.00068	.00073	.001	.00007	.00003	.0019	.00005	.00641
%RSD	6.7769	3505.6	.00147	9.5787	.04826	.05694	12.245	8.3353

#1	.00962	-.00049	89.485	.00073	.06566	3.3319	.00044	.08144
#2	.01059	.00053	89.483	.00064	.06562	3.3292	.00037	.07238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1550	5.9649	.00245	.00267	.01199	.0015	.40516	1.9752
Stddev	.0017	.0107	.00042	.00071	.01317	.0009	.00032	.0813
%RSD	.05474	.17961	17.067	26.792	109.90	57.07	.07807	4.1145

#1	3.1562	5.9725	.00215	.00317	.00267	.0009	.40538	2.0327
#2	3.1537	5.9574	.00274	.00216	.02130	.0021	.40494	1.9177

Sample Name: J4958-38 Acquired: 9/21/2018 19:10:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7416
Stddev .2092
%RSD 7.6290

#1 2.8895
#2 2.5937

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.3	98439.	9301.8	232.23	6721.1
Stddev	15.2	374.	47.6	.14	21.4
%RSD	.37049	.37946	.51180	.06243	.31889

#1	4101.6	98703.	9268.2	232.13	6705.9
#2	4123.1	98174.	9335.5	232.33	6736.3

Sample Name: J4958-39 Acquired: 9/21/2018 19:14:29 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00337	.00093	.00073	.00030	-.00391	.01956	.08423	-.00011
Stddev	.00051	.00171	.00027	.00077	.00078	.00121	.00019	.00004
%RSD	15.233	184.16	37.700	251.90	19.828	6.1904	.22908	35.498

#1	-.00301	.00213	.00053	-.00024	-.00336	.02042	.08436	-.00008
#2	-.00373	-.00028	.00092	.00085	-.00446	.01870	.08409	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	17.427	.05109	.00012	.00127	.03255	.00688	5.8740
Stddev	.00007	.044	.00068	.00031	.00005	.01082	.00002	.0310
%RSD	240.61	.25356	1.3353	251.71	4.0257	33.239	.25641	.52840

#1	-.00008	17.458	.05061	.00035	.00131	.02490	.00690	5.8959
#2	.00002	17.395	.05158	-.00010	.00124	.04020	.00687	5.8520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	-.00031	101.44	.00027	.02652	2.0003	.00035	.04597
Stddev	.00042	.00009	.27	.00045	.00015	.0006	.00002	.00369
%RSD	10.611	30.389	.26870	168.80	.57955	.03200	6.1595	8.0201

#1	.00369	-.00038	101.63	-.00005	.02641	1.9998	.00033	.04337
#2	.00429	-.00024	101.25	.00059	.02663	2.0007	.00036	.04858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5152	4.4149	-.00026	.00632	-.01417	.0003	.13036	1.7898
Stddev	.0169	.0110	.00014	.00088	.00569	.0034	.00044	.2952
%RSD	.19883	.24970	52.796	13.941	40.144	1199.	.33595	16.493

#1	8.5032	4.4071	-.00016	.00569	-.01820	-.0021	.13067	1.9985
#2	8.5272	4.4227	-.00035	.00694	-.01015	.0027	.13005	1.5811

Sample Name: J4958-39 Acquired: 9/21/2018 19:14:29 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2968
Stddev .5444
%RSD 23.704

#1 1.9118
#2 2.6818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.5	98758.	9494.5	236.12	6780.9
Stddev	21.1	55.	43.7	.37	30.8
%RSD	.50971	.05586	.46000	.15825	.45480

#1	4119.6	98719.	9463.7	236.39	6759.1
#2	4149.4	98797.	9525.4	235.86	6802.7

Sample Name: J4980-01 Acquired: 9/21/2018 19:18:32 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00012	.00013	.00141	.00604	-.00245	.66842	.05457	-.00013
Stddev	.00214	.00050	.00002	.00112	.00144	.00145	.00037	.00014
%RSD	1783.9	370.79	1.4350	18.476	58.745	.21743	.66973	110.00

#1	-.00163	-.00022	.00142	.00525	-.00347	.66739	.05482	-.00022
#2	.00139	.00049	.00139	.00683	-.00143	.66945	.05431	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	30.299	.01949	.00033	.00832	.91945	.01673	1.8156
Stddev	.00000	.234	.00023	.00026	.00045	.01449	.00030	.0187
%RSD	.82681	.77128	1.1789	79.873	5.3818	1.5764	1.7833	1.0323

#1	.00014	30.134	.01966	.00014	.00800	.90920	.01652	1.8289
#2	.00014	30.465	.01933	.00051	.00863	.92970	.01695	1.8024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00714	-.00038	10.850	.00491	.09900	1.3834	.00058	.04114
Stddev	.00005	.00022	.016	.00015	.00106	.0015	.00025	.00899
%RSD	.73855	57.703	.15049	2.9569	1.0748	.11004	43.310	21.849

#1	.00710	-.00022	10.861	.00481	.09825	1.3845	.00040	.04750
#2	.00718	-.00053	10.838	.00501	.09975	1.3823	.00076	.03478

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8203	6.1737	.00111	.02882	.08023	.0576	1.3315	1.3800
Stddev	.0076	.0066	.00022	.00261	.00663	.0026	.0027	.1763
%RSD	.27071	.10694	19.857	9.0719	8.2620	4.577	.20250	12.776

#1	2.8257	6.1690	.00095	.03067	.08491	.0594	1.3334	1.2553
#2	2.8149	6.1783	.00126	.02697	.07554	.0557	1.3296	1.5046

Sample Name: J4980-01 Acquired: 9/21/2018 19:18:32 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0294
Stddev .5466
%RSD 26.932

#1 2.4159
#2 1.6429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4171.9	100500.	9372.4	234.65	7068.0
Stddev	14.2	364.	13.7	2.64	23.9
%RSD	.34158	.36194	.14565	1.1244	.33810

#1	4161.8	100760.	9362.8	236.52	7051.1
#2	4182.0	100250.	9382.1	232.78	7084.9

Sample Name: J4980-02 Acquired: 9/21/2018 19:22:34 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00292	.00090	-.00036	.00426	-.00717	.05395	.04275	-.00015
Stddev	.00169	.00161	.00023	.00537	.00078	.00132	.00049	.00001
%RSD	57.910	178.64	63.038	126.23	10.942	2.4458	1.1554	6.2781

#1	-.00412	.00204	-.00020	.00046	-.00773	.05488	.04240	-.00014
#2	-.00172	-.00024	-.00052	.00806	-.00662	.05301	.04310	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	16.490	.00100	-.00014	.00872	.02999	.01119	5.3943
Stddev	.00016	.012	.00022	.00009	.00044	.00151	.00010	.1293
%RSD	99.259	.07133	21.703	66.390	5.0426	5.0387	.92687	2.3971

#1	-.00027	16.482	.00115	-.00008	.00841	.03106	.01112	5.3029
#2	-.00005	16.498	.00085	-.00021	.00903	.02892	.01127	5.4857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	-.00073	36.320	.00044	.03465	1.6080	.00035	.04871
Stddev	.00049	.00043	.213	.00013	.00053	.0260	.00004	.01277
%RSD	21.552	58.396	.58680	29.692	1.5372	1.6161	12.342	26.220

#1	.00264	-.00103	36.471	.00035	.03503	1.6264	.00038	.05775
#2	.00194	-.00043	36.169	.00054	.03428	1.5896	.00032	.03968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9613	5.9974	-.00200	.00426	-.00835	.0026	.17618	1.1512
Stddev	.0248	.0148	.00102	.00008	.01111	.0011	.00010	.0605
%RSD	.35584	.24675	51.158	1.9348	133.01	41.59	.05528	5.2582

#1	6.9438	5.9870	-.00272	.00432	-.01621	.0033	.17612	1.1940
#2	6.9789	6.0079	-.00127	.00420	-.00050	.0018	.17625	1.1084

Sample Name: J4980-02 Acquired: 9/21/2018 19:22:34 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6473
 Stddev .2440
 %RSD 9.2187

#1 2.4747
 #2 2.8198

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4190.4	99984.	9420.7	237.50	7037.2
Stddev	2.6	324.	65.7	3.52	2.0
%RSD	.06113	.32357	.69778	1.4838	.02832

#1	4188.6	99756.	9374.3	235.01	7038.7
#2	4192.2	100210.	9467.2	240.00	7035.8

Sample Name: J4980-03 Acquired: 9/21/2018 19:26:36 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00606	.00272	-.00117	.00626	-.00384	.05716	.06209	-.00019
Stddev	.00441	.00051	.00060	.00345	.00193	.00613	.00095	.00009
%RSD	72.738	18.842	51.094	55.076	50.236	10.732	1.5311	46.553

#1	-.00294	.00308	-.00160	.00869	-.00248	.06149	.06276	-.00013
#2	-.00918	.00235	-.00075	.00382	-.00521	.05282	.06141	-.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00482	18.045	.01557	-.00017	.00212	.13609	.00284	4.5895
Stddev	.00001	.084	.00043	.00015	.00026	.01485	.00005	.0094
%RSD	.14465	.46485	2.7499	88.290	12.058	10.912	1.6096	.20473

#1	.00482	17.986	.01587	-.00006	.00230	.12559	.00288	4.5962
#2	.00483	18.105	.01527	-.00027	.00193	.14659	.00281	4.5829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00118	48.090	.00129	.01649	3.6797	-.00000	.04417
Stddev	.00104	.00058	.342	.00018	.00002	.0232	.00044	.00942
%RSD	26.988	49.194	.71137	13.999	.14208	.63158	20347.	21.332

#1	.00312	-.00159	47.848	.00116	.01651	3.6633	-.00032	.05084
#2	.00460	-.00077	48.332	.00142	.01648	3.6961	.00031	.03751

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0982	4.4821	-.00069	.00721	-.02782	.0047	.13369	1.5344
Stddev	.0049	.0080	.00039	.00309	.01936	.0032	.00059	.0149
%RSD	.11966	.17808	56.740	42.798	69.569	68.58	.44477	.96765

#1	4.1017	4.4877	-.00097	.00939	-.01414	.0069	.13327	1.5449
#2	4.0947	4.4764	-.00041	.00503	-.04151	.0024	.13411	1.5239

Sample Name: J4980-03 Acquired: 9/21/2018 19:26:36 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1964
 Stddev .6693
 %RSD 30.473

#1 1.7231
 #2 2.6697

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.9	99792.	9374.2	237.30	6931.5
Stddev	5.2	509.	4.7	1.01	6.4
%RSD	.12561	.51038	.05046	.42384	.09197

#1	4152.2	99432.	9377.6	238.01	6927.0
#2	4159.6	100150.	9370.9	236.59	6936.0

Sample Name: CCV08 Acquired: 9/21/2018 19:30:39 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.8654	4.8550	4.7368	4.9402	4.9563	10.284	9.8010	.23930
Stddev	.0075	.0078	.0079	.0047	.0001	.052	.0189	.00032
%RSD	.15430	.16081	.16654	.09586	.00092	.50805	.19241	.13398

#1	4.8707	4.8494	4.7312	4.9368	4.9564	10.247	9.8143	.23907
#2	4.8600	4.8605	4.7424	4.9435	4.9563	10.321	9.7876	.23953

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3822	23.883	.97447	2.3678	1.2352	4.8901	2.4246	23.676
Stddev	.0018	.096	.00010	.0036	.0036	.0026	.0061	.049
%RSD	.07395	.40149	.01069	.15171	.28968	.05240	.25065	.20678

#1	2.3810	23.816	.97439	2.3653	1.2377	4.8919	2.4203	23.711
#2	2.3835	23.951	.97454	2.3704	1.2326	4.8883	2.4289	23.641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3822	1.1983	23.773	2.4151	2.3841	24.161	4.8985	4.7907
Stddev	.0006	.0034	.057	.0067	.0124	.075	.0010	.0035
%RSD	.02617	.28410	.24070	.27790	.51940	.30997	.02109	.07292

#1	2.3826	1.2007	23.814	2.4104	2.3753	24.214	4.8992	4.7931
#2	2.3817	1.1958	23.733	2.4199	2.3928	24.108	4.8978	4.7882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8157	4.5453	4.7033	4.8478	F 4.4574	4.924	4.8660	F 1.6035
Stddev	.0202	.0227	.0080	.0037	.0251	.010	.0110	.0840
%RSD	.41927	.49934	.16927	.07682	.56338	.1988	.22621	5.2372

#1	4.8300	4.5613	4.7089	4.8505	4.4751	4.917	4.8738	1.5441
#2	4.8014	4.5292	4.6976	4.8452	4.4396	4.931	4.8582	1.6628

Sample Name: CCV08 Acquired: 9/21/2018 19:30:39 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.9220
 Stddev .1671
 %RSD 4.2604

#1 3.8039
 #2 4.0402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4292.6	101070.	9510.3	235.45	6852.4
Stddev	7.0	267.	1.0	1.06	4.0
%RSD	.16344	.26433	.01071	.44957	.05834

#1	4287.7	101260.	9511.0	236.20	6849.5
#2	4297.6	100880.	9509.6	234.70	6855.2

Sample Name: CCB08 Acquired: 9/21/2018 19:34:24 Type: Unk
Method: P4-ICP2(v2447) 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	.00367	.00384	-.00162	.00324	-.00381	.01405	.00038
Stddev	.00028	.00071	.00013	.00156	.00082	.00241	.00007
%RSD	7.5395	18.479	8.3132	48.109	21.626	17.124	19.570

#1	.00387	.00434	-.00152	.00434	-.00439	.01575	.00043
#2	.00348	.00334	-.00171	.00214	-.00323	.01235	.00033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00009	-.00759	.00047	-.00030	.00003	-.00280
Stddev	.00009	.00004	.00368	.00014	.00005	.00010	.01269
%RSD	102.16	49.604	48.461	30.793	17.425	308.14	452.95

#1	-.00015	.00006	-.00499	.00057	-.00034	-.00004	-.01178
#2	-.00002	.00012	-.01019	.00037	-.00026	.00011	.00617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.02650	.00222	-.00006	-.08540	.00032	.00172
Stddev	.00000	.02087	.00037	.00041	.00604	.00036	.00010
%RSD	.23569	78.755	16.713	691.99	7.0753	114.45	5.8490

#1	.00020	.04126	.00196	-.00035	-.08967	.00006	.00179
#2	.00020	.01174	.00249	.00023	-.08112	.00057	.00165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08860	.00029	.01265	.00056	-.00516	.00018	.00690
Stddev	.01219	.00008	.00375	.00572	.00151	.00025	.00024
%RSD	13.756	28.727	29.625	1026.5	29.230	135.37	3.5318

#1	-.07998	.00023	.01000	-.00349	-.00409	.00036	.00707
#2	-.09722	.00035	.01530	.00460	-.00622	.00001	.00673

Sample Name: CCB08 Acquired: 9/21/2018 19:34:24 Type: Unk
 Method: P4-ICP2(v2447) 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 -.03821	.0000	.00020	F .53252	F 1.7084
Stddev	.01201	.0020	.00002	.26123	1.2383
%RSD	31.442	5907.	8.2262	49.057	72.482

#1	-.04670	-.0014	.00021	.34780	.83280
#2	-.02971	.0014	.00018	.71724	2.5840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4401.7	104240.	9512.0	241.68	7524.0
Stddev	10.2	327.	124.5	5.60	9.0
%RSD	.23119	.31331	1.3089	2.3159	.11929

#1	4394.5	104010.	9424.0	237.72	7517.7
#2	4408.9	104470.	9600.1	245.63	7530.4

Sample Name: J4980-04 Acquired: 9/21/2018 19:38:28 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00495	.00000	.00080	.00458	-.00647	.06116	.08653	-.00010
Stddev	.00437	.00030	.00046	.00410	.00119	.00843	.00030	.00001
%RSD	88.178	11718.	57.841	89.378	18.401	13.778	.35110	8.5267

#1	-.00804	.00021	.00047	.00748	-.00732	.05520	.08674	-.00011
#2	-.00187	-.00021	.00113	.00169	-.00563	.06711	.08631	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	39.144	.00636	.00006	.00299	.07085	.00209	5.8437
Stddev	.00011	.048	.00073	.00022	.00068	.00705	.00005	.0112
%RSD	10.066	.12381	11.447	339.28	22.687	9.9549	2.4858	.19102

#1	.00115	39.178	.00585	-.00009	.00251	.07583	.00205	5.8516
#2	.00100	39.109	.00688	.00022	.00346	.06586	.00213	5.8358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	-.00073	109.49	.00056	.02456	8.1007	.00042	.13573
Stddev	.00067	.00047	.84	.00019	.00021	.0172	.00006	.01683
%RSD	40.968	64.134	.76573	33.298	.83820	.21184	14.695	12.403

#1	.00212	-.00106	110.08	.00069	.02471	8.1128	.00046	.12382
#2	.00117	-.00040	108.90	.00043	.02441	8.0886	.00037	.14763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.370	5.4426	-.00113	.00675	-.01156	.0037	.22275	2.3180
Stddev	.009	.0725	.00008	.00123	.00083	.0059	.00023	.0396
%RSD	.07573	1.3319	7.4016	18.279	7.2006	157.2	.10440	1.7085

#1	11.377	5.4938	-.00107	.00762	-.01215	.0079	.22292	2.2900
#2	11.364	5.3913	-.00119	.00588	-.01097	-.0004	.22259	2.3460

Sample Name: J4980-04 Acquired: 9/21/2018 19:38:28 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3549
 Stddev .1654
 %RSD 7.0230

#1 2.2380
 #2 2.4719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4066.9	96962.	9300.1	232.80	6651.0
Stddev	21.4	21.	148.6	2.18	20.3
%RSD	.52534	.02146	1.5983	.93511	.30549

#1	4051.8	96977.	9195.0	231.26	6636.6
#2	4082.0	96947.	9405.2	234.34	6665.4

Sample Name: J4980-05 Acquired: 9/21/2018 19:42:30 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	.00172	-.00100	.00316	-.00245	.03304	.03624	-.00015
Stddev	.00351	.00201	.00021	.00410	.00027	.00760	.00079	.00008
%RSD	138.13	116.50	21.396	129.95	11.092	23.012	2.1729	49.807

#1	-.00006	.00315	-.00115	.00026	-.00226	.02766	.03569	-.00010
#2	-.00502	.00030	-.00085	.00606	-.00264	.03841	.03680	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	29.411	.00466	.00038	.00176	.02759	.01037	5.1958
Stddev	.00001	.021	.00085	.00004	.00032	.00107	.00008	.0993
%RSD	9.3587	.07134	18.160	11.395	18.000	3.8790	.76332	1.9106

#1	.00013	29.396	.00406	.00041	.00198	.02684	.01042	5.1256
#2	.00011	29.426	.00526	.00035	.00153	.02835	.01031	5.2660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00063	90.782	.00014	.01876	6.1902	.00028	.13906
Stddev	.00054	.00046	.045	.00041	.00032	.0247	.00000	.00420
%RSD	33.718	73.017	.04962	290.04	1.7142	.39962	1.3866	3.0213

#1	.00199	-.00031	90.750	-.00015	.01854	6.1727	.00029	.13609
#2	.00122	-.00096	90.814	.00044	.01899	6.2077	.00028	.14203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.980	6.6932	-.00428	.00347	-.01546	.0177	.18564	1.9695
Stddev	.009	.0241	.00145	.00070	.00778	.0015	.00035	.1625
%RSD	.05094	.35965	33.941	20.231	50.279	8.373	.18699	8.2521

#1	16.974	6.6762	-.00325	.00298	-.02096	.0167	.18588	2.0845
#2	16.986	6.7102	-.00531	.00397	-.00997	.0188	.18539	1.8546

Sample Name: J4980-05 Acquired: 9/21/2018 19:42:30 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6531
 Stddev .0560
 %RSD 2.1095

#1 2.6926
 #2 2.6135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.6	98412.	9373.3	236.97	6778.7
Stddev	32.9	153.	10.7	2.94	32.2
%RSD	.79853	.15552	.11398	1.2423	.47505

#1	4102.3	98304.	9380.8	239.05	6755.9
#2	4148.9	98521.	9365.7	234.88	6801.5

Sample Name: J4980-06 Acquired: 9/21/2018 19:46:32 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00171	.00017	.00138	.00940	-.00441	.01097	.03501	-.00011
Stddev	.00198	.00090	.00040	.00606	.00006	.00042	.00036	.00001
%RSD	115.75	523.40	29.304	64.519	1.3602	3.8702	1.0359	5.6380

#1	-.00311	-.00047	.00166	.01369	-.00445	.01067	.03526	-.00010
#2	-.00031	.00081	.00109	.00511	-.00437	.01127	.03475	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	28.375	.00405	.00012	.00186	-.00434	.00811	5.1318
Stddev	.00002	.106	.00005	.00013	.00018	.00666	.00008	.0264
%RSD	429.62	.37426	1.3501	111.53	9.5882	153.43	1.0210	.51381

#1	-.00002	28.300	.00409	.00003	.00173	-.00905	.00816	5.1504
#2	.00001	28.450	.00401	.00021	.00199	.00037	.00805	5.1132

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00071	87.313	.00063	.02202	5.9620	.00039	.13593
Stddev	.00074	.00061	.219	.00006	.00020	.0228	.00040	.00416
%RSD	57.003	86.808	.25041	8.7196	.92880	.38212	102.98	3.0581

#1	.00182	-.00114	87.158	.00067	.02216	5.9459	.00067	.13887
#2	.00077	-.00027	87.468	.00059	.02188	5.9781	.00011	.13299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.253	6.4900	-.00364	.00509	-.02260	.0159	.17809	1.9660
Stddev	.017	.0312	.00017	.00556	.00632	.0003	.00080	.0285
%RSD	.10665	.48109	4.7267	109.13	27.961	1.660	.44850	1.4518

#1	16.240	6.4679	-.00376	.00116	-.02707	.0157	.17753	1.9458
#2	16.265	6.5121	-.00351	.00902	-.01813	.0161	.17866	1.9862

Sample Name: J4980-06 Acquired: 9/21/2018 19:46:32 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7809
 Stddev .5394
 %RSD 30.288

#1 1.3995
 #2 2.1624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.7	97682.	9312.3	234.23	6794.0
Stddev	6.5	249.	30.8	2.09	19.9
%RSD	.15759	.25534	.33107	.89327	.29242

#1	4122.1	97506.	9334.1	232.75	6780.0
#2	4131.3	97859.	9290.5	235.71	6808.1

Sample Name: J4980-07 Acquired: 9/21/2018 19:50:35 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00127	.00032	.00166	-.00369	.15742	.02950	-.00010
Stddev	.00207	.00126	.00154	.00055	.00194	.00233	.00004	.00007
%RSD	346.04	99.904	482.40	33.092	52.637	1.4796	.14401	72.355

#1	-.00086	.00037	-.00077	.00127	-.00507	.15907	.02953	-.00015
#2	.00206	.00216	.00141	.00205	-.00232	.15578	.02947	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	11.039	.00943	-.00021	.03829	.31175	.00332	2.6971
Stddev	.00006	.054	.00002	.00010	.00035	.01351	.00006	.0382
%RSD	4.3412	.48586	.20928	49.208	.91130	4.3336	1.7439	1.4153

#1	.00129	11.077	.00944	-.00014	.03804	.32131	.00336	2.6701
#2	.00137	11.001	.00941	-.00028	.03854	.30220	.00328	2.7241

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00813	.00059	37.982	.00098	.04543	1.0330	.00084	.04286
Stddev	.00001	.00006	.009	.00031	.00044	.0304	.00007	.01272
%RSD	.18215	9.6250	.02441	31.341	.97302	2.9451	7.9833	29.673

#1	.00814	.00063	37.976	.00120	.04512	1.0115	.00079	.05185
#2	.00812	.00055	37.989	.00076	.04574	1.0545	.00088	.03387

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4459	2.0694	-.00070	.00905	-.00373	.0191	.05565	1.8778
Stddev	.0205	.0468	.00026	.00026	.01755	.0025	.00033	.2999
%RSD	.83879	2.2601	37.941	2.8483	470.03	13.22	.58484	15.972

#1	2.4604	2.0364	-.00088	.00887	-.01614	.0209	.05588	2.0899
#2	2.4314	2.1025	-.00051	.00923	.00868	.0173	.05542	1.6657

Sample Name: J4980-07 Acquired: 9/21/2018 19:50:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1244
Stddev .1140
%RSD 5.3644

#1 2.2050
#2 2.0439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.3	99483.	9303.7	233.49	7016.9
Stddev	6.1	539.	12.1	.11	13.6
%RSD	.14481	.54144	.12976	.04771	.19362

#1	4177.0	99102.	9312.3	233.57	7007.3
#2	4185.6	99864.	9295.2	233.41	7026.5

Sample Name: J4980-08 Acquired: 9/21/2018 19:54:39 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00029	-.00028	.00057	.00150	-.00410	.05283	.02369	-.00003
Stddev	.00257	.00045	.00007	.00488	.00118	.01385	.00086	.00001
%RSD	897.39	159.29	11.805	324.73	28.713	26.221	3.6137	26.311

#1	-.00153	.00004	.00052	.00496	-.00493	.06262	.02429	-.00003
#2	.00210	-.00060	.00062	-.00195	-.00327	.04303	.02308	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	19.534	.02472	.00032	.00170	.11989	.03327	3.2736
Stddev	.00007	.151	.00017	.00013	.00067	.00546	.00015	.0026
%RSD	64.820	.77520	.70133	39.657	39.674	4.5540	.45686	.07966

#1	.00016	19.427	.02459	.00023	.00122	.11603	.03316	3.2755
#2	.00006	19.641	.02484	.00041	.00217	.12375	.03337	3.2718

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01417	-.00072	54.325	.00052	.03622	1.3996	.00093	.04587
Stddev	.00035	.00022	.475	.00018	.00066	.0144	.00045	.02289
%RSD	2.4627	30.205	.87465	34.380	1.8250	1.0276	48.602	49.902

#1	.01392	-.00056	53.989	.00039	.03575	1.3894	.00061	.06206
#2	.01441	-.00087	54.661	.00064	.03668	1.4098	.00125	.02968

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0393	2.3469	-.00058	.00498	-.01241	.0028	.08347	1.9530
Stddev	.0052	.0074	.00065	.00288	.00005	.0005	.00042	.1294
%RSD	.17240	.31617	113.32	57.916	.37668	16.21	.49832	6.6278

#1	3.0430	2.3416	-.00104	.00702	-.01238	.0032	.08318	1.8615
#2	3.0355	2.3521	-.00011	.00294	-.01245	.0025	.08377	2.0445

Sample Name: J4980-08 Acquired: 9/21/2018 19:54:39 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1343
 Stddev .0721
 %RSD 3.3780

#1 2.0834
 #2 2.1853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4151.5	99322.	9289.8	232.41	6899.1
Stddev	11.6	38.	73.1	3.54	18.5
%RSD	.27877	.03843	.78641	1.5250	.26859

#1	4143.3	99349.	9341.5	234.91	6886.0
#2	4159.7	99295.	9238.2	229.90	6912.2

Sample Name: J4980-09 Acquired: 9/21/2018 19:58:42 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00570	.00019	-.00106	-.00112	-.00388	.12757	.01623	-.00016
Stddev	.00341	.00286	.00036	.00049	.00046	.00184	.00012	.00004
%RSD	59.763	1520.1	34.064	43.768	11.794	1.4404	.72677	27.337

#1	-.00811	.00221	-.00080	-.00146	-.00356	.12627	.01632	-.00019
#2	-.00329	-.00183	-.00131	-.00077	-.00420	.12887	.01615	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	3.9579	.00647	-.00057	.00143	.09521	.00429	1.0876
Stddev	.00005	.0250	.00021	.00003	.00012	.00724	.00001	.0027
%RSD	62.973	.63160	3.2131	5.4322	8.3886	7.6046	.21287	.24642

#1	-.00004	3.9402	.00632	-.00059	.00151	.09009	.00429	1.0857
#2	-.00012	3.9755	.00662	-.00055	.00134	.10033	.00430	1.0895

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00039	13.579	.00064	.01469	.99514	.00051	.06336
Stddev	.00035	.00067	.029	.00101	.00006	.00703	.00010	.00893
%RSD	14.799	170.76	.21460	156.87	.40160	.70624	20.129	14.097

#1	.00264	.00008	13.599	-.00007	.01465	1.0001	.00058	.06967
#2	.00214	-.00086	13.558	.00136	.01473	.99017	.00044	.05704

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6363	5.0571	-.00198	.00893	.00086	.0043	.03619	.97166
Stddev	.0151	.0588	.00127	.00118	.00300	.0046	.00002	.06661
%RSD	.22791	1.1624	63.942	13.187	348.40	107.3	.06249	6.8551

#1	6.6470	5.0987	-.00288	.00977	-.00126	.0075	.03621	.92456
#2	6.6256	5.0156	-.00109	.00810	.00298	.0010	.03618	1.0188

Sample Name: J4980-09 Acquired: 9/21/2018 19:58:42 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1550
Stddev .3554
%RSD 30.770

#1 .90366
#2 1.4062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4240.5	101620.	9345.6	238.33	7242.8
Stddev	9.4	150.	52.1	1.82	.8
%RSD	.22161	.14737	.55718	.76395	.01088

#1	4233.9	101730.	9308.8	237.04	7243.3
#2	4247.2	101520.	9382.4	239.61	7242.2

Sample Name: J4980-12 Acquired: 9/21/2018 20:06:50 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00551	.00037	-.00078	-.00084	-.00370	.06672	.01297	-.00021
Stddev	.00124	.00224	.00023	.00021	.00225	.00004	.00068	.00012
%RSD	22.576	610.84	29.918	25.184	60.734	.06684	5.2683	59.589

#1	-.00463	.00195	-.00095	-.00069	-.00530	.06675	.01248	-.00030
#2	-.00639	-.00122	-.00062	-.00099	-.00211	.06669	.01345	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	2.1083	.24329	.00016	.00474	.11016	.00192	.75973
Stddev	.00017	.0178	.00075	.00011	.00001	.02366	.00005	.05244
%RSD	256.96	.84299	.30627	68.514	.17688	21.475	2.5933	6.9021

#1	.00019	2.0958	.24277	.00024	.00475	.12689	.00189	.72265
#2	-.00005	2.1209	.24382	.00008	.00474	.09343	.00196	.79680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	-.00023	12.452	.00041	.01901	.62709	.00048	.06378
Stddev	.00035	.00113	.041	.00014	.00011	.00025	.00048	.01589
%RSD	9.3818	494.45	.33000	34.294	.58732	.03944	101.25	24.916

#1	.00403	.00057	12.423	.00051	.01909	.62727	.00082	.05255
#2	.00353	-.00102	12.481	.00031	.01893	.62692	.00014	.07502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7200	3.9738	-.00152	.01004	-.01173	.0039	.02463	1.3962
Stddev	.0004	.0132	.00028	.00013	.01001	.0027	.00032	.1998
%RSD	.00807	.33284	18.104	1.2479	85.267	70.31	1.2853	14.312

#1	4.7203	3.9644	-.00172	.00995	-.00466	.0058	.02441	1.5375
#2	4.7198	3.9831	-.00133	.01013	-.01881	.0020	.02486	1.2549

Sample Name: J4980-12 Acquired: 9/21/2018 20:06:50 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3759
Stddev .2969
%RSD 21.582

#1 1.5859
#2 1.1660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4257.2	101770.	9315.9	237.96	7269.0
Stddev	7.4	311.	22.7	1.30	17.2
%RSD	.17442	.30521	.24316	.54550	.23718

#1	4252.0	101550.	9299.9	237.04	7256.8
#2	4262.5	101990.	9331.9	238.87	7281.2

Sample Name: J4980-12DUP Acquired: 9/21/2018 20:10:54 Type: Unk
 Method: P4-ICP2(v2447) Mode: 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	-.00646	.00235	.00007	.00120	-.00322	.07114	.01236	-.00018
Stddev	.00297	.00205	.00063	.00678	.00024	.01884	.00047	.00003
%RSD	46.027	87.013	865.61	564.00	7.4140	26.488	3.8373	16.520

#1	-.00857	.00380	.00052	-.00359	-.00305	.08446	.01203	-.00020
#2	-.00436	.00090	-.00037	.00600	-.00339	.05781	.01270	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	2.0891	.24462	-.00001	.00448	.10475	.00183	.76122
Stddev	.00013	.0455	.00012	.00022	.00074	.01394	.00011	.02791
%RSD	384.11	2.1767	.04799	2713.7	16.561	13.304	5.9412	3.6666

#1	-.00013	2.0569	.24454	-.00016	.00396	.11461	.00176	.74148
#2	.00006	2.1212	.24470	.00015	.00500	.09490	.00191	.78096

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	-.00078	12.197	.00052	.01836	.60245	.00066	.05491
Stddev	.00017	.00010	.020	.00010	.00047	.00608	.00006	.00080
%RSD	4.1253	12.850	.16082	19.776	2.5488	1.0090	8.4566	1.4504

#1	.00409	-.00071	12.211	.00059	.01869	.59815	.00062	.05435
#2	.00433	-.00085	12.183	.00045	.01803	.60675	.00070	.05547

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6489	3.8832	-.00167	.01027	-.00815	.0037	.02452	1.0835
Stddev	.0103	.0077	.00039	.00059	.00955	.0014	.00013	.0039
%RSD	.22188	.19933	23.090	5.7321	117.09	39.33	.51257	.36356

#1	4.6562	3.8887	-.00195	.00985	-.01490	.0026	.02443	1.0807
#2	4.6416	3.8778	-.00140	.01069	-.00140	.0047	.02461	1.0863

Sample Name: J4980-12DUP Acquired: 9/21/2018 20:10:54 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5168
Stddev .6707
%RSD 44.221

#1 1.0425
#2 1.9911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4243.5	101630.	9446.5	239.69	7268.6
Stddev	7.4	296.	47.8	5.49	19.7
%RSD	.17380	.29097	.50564	2.2915	.27150

#1	4238.3	101420.	9412.8	235.81	7254.6
#2	4248.7	101840.	9480.3	243.57	7282.5

Sample Name: J4980-12LX5 Acquired: 9/21/2018 20:14:57 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00056	.00240	-.00154	-.00488	-.00358	.01929	.00351	-.00020
Stddev	.00478	.00039	.00079	.00300	.00133	.00067	.00038	.00002
%RSD	846.39	16.422	51.202	61.349	37.204	3.4602	10.748	11.276

#1	.00281	.00212	-.00098	-.00700	-.00264	.01976	.00324	-.00022
#2	-.00394	.00268	-.00210	-.00277	-.00452	.01882	.00377	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.42770	.04958	-.00021	.00067	.01101	.00032	.14804
Stddev	.00014	.02536	.00102	.00005	.00019	.00827	.00010	.01406
%RSD	88.485	5.9302	2.0587	24.110	27.816	75.160	29.474	9.4941

#1	.00026	.44564	.04886	-.00017	.00054	.01686	.00039	.15798
#2	.00006	.40977	.05030	-.00024	.00080	.00516	.00026	.13810

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.00068	2.4363	.00012	.00364	.01350	-.00000	.02287
Stddev	.00047	.00051	.0213	.00036	.00015	.01518	.00051	.00108
%RSD	22.163	75.341	.87248	314.00	4.0990	112.51	21536.	4.7069

#1	.00243	-.00032	2.4212	.00037	.00374	.02423	.00036	.02211
#2	.00177	-.00104	2.4513	-.00014	.00353	.00276	-.00036	.02364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98406	.81254	-.00160	.00651	-.00579	.0020	.00502	.77521
Stddev	.00462	.00417	.00125	.00046	.00151	.0005	.00015	.06067
%RSD	.46946	.51273	77.798	7.0337	26.160	27.67	3.0445	7.8267

#1	.98079	.80959	-.00072	.00618	-.00686	.0016	.00513	.81812
#2	.98733	.81548	-.00248	.00683	-.00472	.0023	.00491	.73231

Sample Name: J4980-12LX5 Acquired: 9/21/2018 20:14:57 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6680
Stddev .7175
%RSD 43.015

#1 2.1753
#2 1.1606

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4328.4	102730.	9339.2	236.13	7375.2
Stddev	7.2	205.	18.7	3.27	25.6
%RSD	.16556	.19954	.19981	1.3848	.34692

#1	4323.3	102580.	9352.4	233.81	7357.1
#2	4333.5	102870.	9326.0	238.44	7393.3

Sample Name: CCV09 Acquired: 9/21/2018 20:19:01 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8592	4.8825	4.7222	4.9133	4.9590	10.384	9.8162	.24240
Stddev	.0050	.0021	.0139	.0071	.0160	.169	.0150	.00049
%RSD	.10201	.04307	.29374	.14475	.32252	1.6282	.15273	.20049
#1	4.8557	4.8840	4.7320	4.9082	4.9703	10.503	9.8056	.24205
#2	4.8627	4.8810	4.7124	4.9183	4.9477	10.264	9.8268	.24274
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3917	23.903	.99355	2.3771	1.2410	4.8317	2.4494	23.534
Stddev	.0017	.041	.00013	.0042	.0029	.1002	.0037	.082
%RSD	.07042	.17303	.01356	.17790	.23632	2.0733	.15037	.35035
#1	2.3906	23.874	.99346	2.3741	1.2431	4.9026	2.4468	23.592
#2	2.3929	23.933	.99365	2.3801	1.2389	4.7609	2.4520	23.475
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3882	1.2054	23.815	2.4383	2.3849	24.181	4.9087	4.8024
Stddev	.0025	.0027	.033	.0028	.0323	.025	.0002	.0494
%RSD	.10652	.22029	.13870	.11478	1.3565	.10326	.00392	1.0295
#1	2.3899	1.2073	23.792	2.4363	2.4078	24.198	4.9089	4.8373
#2	2.3864	1.2035	23.838	2.4403	2.3620	24.163	4.9086	4.7674
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7923	4.5570	4.7078	4.8591	F 4.4906	4.923	4.8895	F 1.9352
Stddev	.0004	.0207	.0012	.0159	.0137	.017	.0068	.1205
%RSD	.00836	.45511	.02493	.32695	.30521	.3504	.13920	6.2263
#1	4.7921	4.5423	4.7070	4.8703	4.5003	4.911	4.8847	2.0204
#2	4.7926	4.5717	4.7087	4.8478	4.4809	4.936	4.8943	1.8500

Sample Name: CCV09 Acquired: 9/21/2018 20:19:01 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13852 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.8036
Stddev	.1403
%RSD	3.6872

#1	3.9027
#2	3.7044

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.7	99643.	9393.9	234.53	6819.0
Stddev	9.6	306.	52.0	3.58	2.7
%RSD	.22509	.30740	.55392	1.5247	.04031

#1	4262.9	99427.	9430.7	232.00	6817.1
#2	4276.5	99860.	9357.1	237.06	6821.0

Sample Name: CCB09 Acquired: 9/21/2018 20:22:46 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13852 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00340	.00212	-.00079	.00039	-.00277	-.00179	-.00036
Stddev	.00078	.00034	.00156	.00610	.00125	.00662	.00087
%RSD	22.873	15.786	198.68	1582.8	45.132	369.50	239.83

#1	-.00285	.00236	-.00189	.00470	-.00189	.00289	-.00097
#2	-.00395	.00189	.00032	-.00393	-.00366	-.00647	.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00006	-.00238	-.00041	-.00014	-.00002	-.00948
Stddev	.00010	.00003	.01773	.00001	.00023	.00009	.01674
%RSD	120.86	45.263	745.17	2.2924	161.88	445.67	176.70

#1	-.00015	.00008	.01016	-.00042	.00002	-.00009	-.02131
#2	-.00001	.00004	-.01492	-.00041	-.00030	.00004	.00236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00010	.00173	-.00030	-.12138	.00060	.00174
Stddev	.00001	.03264	.00054	.00027	.00909	.00031	.00012
%RSD	6.0339	31382.	31.087	90.052	7.4875	52.437	7.0858

#1	.00019	.02298	.00135	-.00011	-.12781	.00038	.00183
#2	.00018	-.02318	.00211	-.00049	-.11495	.00082	.00165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08600	.00046	.01164	.00155	-.00488	.00048	.00531
Stddev	.01089	.00002	.00607	.00198	.00385	.00005	.00052
%RSD	12.661	4.7520	52.101	127.38	79.041	9.9514	9.7327

#1	-.09370	.00047	.00735	.00015	-.00215	.00052	.00494
#2	-.07830	.00044	.01593	.00295	-.00760	.00045	.00568

Sample Name: CCB09 Acquired: 9/21/2018 20:22:46 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB13852 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01629	.0008	.00019	F .36672	F 1.6274
Stddev	.00775	.0008	.00001	.19965	.7240
%RSD	47.607	103.0	3.0216	54.443	44.490

#1	-.01081	.0002	.00018	.22554	1.1154
#2	-.02177	.0014	.00019	.50789	2.1393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4397.3	103680.	9487.1	241.80	7522.8
Stddev	13.0	237.	31.5	.16	18.5
%RSD	.29474	.22815	.33168	.06735	.24559

#1	4388.2	103520.	9509.3	241.92	7509.7
#2	4406.5	103850.	9464.8	241.69	7535.9

Sample Name: J4980-12MS Acquired: 9/21/2018 20:26:51 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.80813	2.0329	.96500	2.0039	.79830	2.1429	.21787	.18890	.19568
Stddev	.00395	.0042	.00295	.0025	.00089	.0461	.00084	.00017	.00089
%RSD	.48916	.20630	.30600	.12438	.11139	2.1533	.38518	.09165	.45714

#1	.80534	2.0300	.96291	2.0057	.79893	2.1755	.21847	.18902	.19505
#2	.81093	2.0359	.96708	2.0021	.79767	2.1103	.21728	.18877	.19631

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1232	.68710	.19181	.31259	3.3238	.21144	2.6616	.49810	.06971
Stddev	.0060	.00087	.00110	.00002	.0137	.00057	.0102	.00271	.00098
%RSD	.19350	.12721	.57567	.00573	.41322	.26880	.38339	.54428	1.4018

#1	3.1189	.68772	.19103	.31258	3.3335	.21184	2.6544	.49618	.06902
#2	3.1275	.68648	.19259	.31260	3.3141	.21104	2.6688	.50002	.07040

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	15.032	.30795	.21280	10.624	.42017	.34987	4.7280	4.7548	.64101
Stddev	.009	.00229	.00039	.024	.00017	.00293	.0065	.0318	.00516
%RSD	.06149	.74212	.18433	.22892	.04058	.83663	.13763	.66864	.80514

#1	15.025	.30633	.21307	10.607	.42005	.34780	4.7234	4.7323	.63736
#2	15.038	.30956	.21252	10.641	.42029	.35194	4.7326	4.7773	.64466

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20786	1.8074	5.309	.22165	1.3343	.65058
Stddev	.00198	.0013	.035	.00022	.1756	.39224
%RSD	.95149	.06963	.6610	.10031	13.161	60.291

#1	.20647	1.8082	5.284	.22149	1.4585	.92794
#2	.20926	1.8065	5.334	.22181	1.2102	.37322

Sample Name: J4980-12MS Acquired: 9/21/2018 20:26:51 Type: Unk
Method: P4-ICP2(v2447) 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	4203.1	100750.	9436.7	234.62	7108.3
Stddev	10.7	415.	16.0	1.83	5.4
%RSD	.25392	.41180	.16920	.77971	.07582
#1	4195.6	100460.	9448.0	233.33	7104.5
#2	4210.7	101050.	9425.4	235.92	7112.1

Sample Name: J4980-12MSD Acquired: 9/21/2018 20:30:43 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.80930	2.0333	.97040	2.0268	.80271	2.1463	.22031	.18936	.19636
Stddev	.00231	.0017	.00265	.0027	.00553	.0105	.00162	.00006	.00014
%RSD	.28516	.08365	.27311	.13390	.68938	.49072	.73349	.03057	.07175

#1	.80767	2.0321	.97228	2.0287	.80663	2.1537	.21916	.18940	.19646
#2	.81093	2.0345	.96853	2.0249	.79880	2.1388	.22145	.18932	.19626

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1326	.68221	.19199	.31400	3.2982	.21188	2.6918	.50169	.06942
Stddev	.0030	.00237	.00020	.00007	.0249	.00004	.0796	.00074	.00079
%RSD	.09661	.34804	.10499	.02229	.75334	.01761	2.9570	.14675	1.1318

#1	3.1347	.68389	.19213	.31395	3.3158	.21191	2.7480	.50117	.06887
#2	3.1304	.68053	.19185	.31405	3.2807	.21185	2.6355	.50221	.06998

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	15.324	.30866	.21380	10.719	.42086	.35550	4.7734	4.7811	.64626
Stddev	.084	.00132	.00101	.100	.00130	.00428	.0183	.0585	.00081
%RSD	.54567	.42789	.47156	.93625	.30980	1.2046	.38383	1.2243	.12533

#1	15.265	.30772	.21309	10.648	.42178	.35853	4.7864	4.7397	.64684
#2	15.383	.30959	.21451	10.790	.41994	.35247	4.7604	4.8225	.64569

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21440	1.8213	5.357	.22324	1.6919	.71818
Stddev	.00387	.0120	.006	.00027	.1795	.09335
%RSD	1.8063	.66006	.1038	.12040	10.612	12.998

#1	.21166	1.8128	5.361	.22343	1.8189	.78419
#2	.21714	1.8298	5.353	.22305	1.5650	.65218

Sample Name: J4980-12MSD Acquired: 9/21/2018 20:30:43 Type: Unk
Method: P4-ICP2(v2447) 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	4222.0	100740.	9360.0	235.49	7139.1
Stddev	9.9	362.	23.4	1.25	16.8
%RSD	.23426	.35928	.24985	.53225	.23463
#1	4215.0	100490.	9376.6	236.37	7127.3
#2	4229.0	101000.	9343.5	234.60	7150.9

Sample Name: J4980-12A Acquired: 9/21/2018 20:34:35 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.80230	2.0289	.96216	2.0025	.79408	2.1160	.21594	.18763	.19483
Stddev	.00098	.0106	.00570	.0092	.00067	.0100	.00005	.00045	.00071
%RSD	.12265	.52335	.59293	.46096	.08484	.47005	.02104	.24013	.36587

#1	.80160	2.0214	.95812	1.9959	.79361	2.1090	.21591	.18731	.19433
#2	.80300	2.0364	.96619	2.0090	.79456	2.1231	.21597	.18795	.19534

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0815	.68119	.19068	.31199	3.2871	.20984	2.6726	.49721	.06899
Stddev	.0095	.00028	.00065	.00025	.0040	.00066	.0912	.00190	.00047
%RSD	.30769	.04136	.34329	.07967	.12333	.31629	3.4142	.38223	.68353

#1	3.0882	.68139	.19021	.31216	3.2899	.21031	2.7371	.49587	.06932
#2	3.0748	.68099	.19114	.31181	3.2842	.20937	2.6081	.49856	.06866

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	15.077	.30573	.21342	10.584	.41822	.34397	4.7072	4.7978	.64261
Stddev	.018	.00076	.00027	.048	.00095	.00707	.0012	.0313	.00138
%RSD	.11704	.24984	.12757	.45455	.22816	2.0559	.02449	.65294	.21462

#1	15.065	.30627	.21322	10.618	.41755	.33897	4.7080	4.8199	.64163
#2	15.089	.30519	.21361	10.550	.41890	.34897	4.7064	4.7756	.64358

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20944	1.7854	5.293	.22025	.96069	.71169
Stddev	.00259	.0172	.005	.00047	.09504	.22375
%RSD	1.2356	.96094	.1027	.21401	9.8930	31.439

#1	.21127	1.7975	5.289	.22058	.89349	.55347
#2	.20761	1.7732	5.297	.21991	1.0279	.86990

Sample Name: J4980-12A Acquired: 9/21/2018 20:34:35 Type: Unk
Method: P4-ICP2(v2447) 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	4240.4	101560.	9398.7	234.90	7164.9
Stddev	14.8	496.	41.2	1.32	19.6
%RSD	.34998	.48832	.43884	.56311	.27386
#1	4229.9	101210.	9369.5	233.97	7151.1
#2	4250.9	101910.	9427.8	235.84	7178.8

Sample Name: J4993-06 Acquired: 9/21/2018 20:38:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00061	.04234	-.00130	.00147	1.9551	.70412	-.00009
Stddev	.00429	.00108	.00051	.00461	.00109	.0110	.00165	.00005
%RSD	299.03	176.02	1.2001	355.05	73.988	.56253	.23407	50.393

#1	.00447	-.00138	.04269	-.00456	.00224	1.9629	.70295	-.00012
#2	-.00160	.00015	.04198	.00196	.00070	1.9473	.70528	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	46.084	.01750	.00365	.16712	15.507	.90497	2.9670
Stddev	.00005	.212	.00002	.00051	.00070	.196	.00253	.0341
%RSD	1.9510	.45904	.14120	13.884	.41594	1.2646	.27931	1.1499

#1	.00236	45.934	.01752	.00330	.16663	15.369	.90318	2.9429
#2	.00230	46.233	.01748	.00401	.16761	15.646	.90676	2.9911

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02867	.00655	15.199	.00569	.48180	15.886	.00496	.05792
Stddev	.00018	.00106	.137	.00083	.00867	.022	.00079	.01744
%RSD	.63796	16.187	.90012	14.492	1.7994	.13558	16.003	30.108

#1	.02854	.00580	15.102	.00628	.47567	15.870	.00553	.07025
#2	.02880	.00730	15.295	.00511	.48793	15.901	.00440	.04559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9489	7.5457	.00433	.09183	.04760	.7264	.51628	1.9947
Stddev	.0047	.0326	.00027	.00127	.00722	.0023	.00109	.0232
%RSD	.06770	.43144	6.3192	1.3814	15.171	.3222	.21105	1.1627

#1	6.9522	7.5227	.00413	.09273	.05271	.7281	.51551	2.0111
#2	6.9456	7.5687	.00452	.09093	.04249	.7248	.51706	1.9783

Sample Name: J4993-06 Acquired: 9/21/2018 20:38:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.4097
Stddev	.3782
%RSD	6.9915

#1	5.1423
#2	5.6772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4013.7	97487.	9366.1	231.80	6753.0
Stddev	32.4	215.	37.5	2.34	36.1
%RSD	.80722	.22067	.40058	1.0086	.53412

#1	3990.8	97335.	9392.7	233.45	6727.5
#2	4036.6	97639.	9339.6	230.14	6778.5

Sample Name: J4985-01 Acquired: 9/21/2018 20:42:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EDISON-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	.07089	-.05544	.44638	-.01881	-.00021	202.47	.76432	.00686
Stddev	.00688	.00202	.00878	.00411	.00133	.22	.00125	.00004
%RSD	9.7022	3.6396	1.9671	21.855	624.27	.11063	.16298	.56841

#1	.06603	-.05401	.44018	-.02172	.00073	202.63	.76520	.00683
#2	.07575	-.05687	.45259	-.01590	-.00115	202.31	.76344	.00689

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10488	1750.3	.21412	.05444	.34395	110.37	2.6462	72.306
Stddev	.00013	14.1	.00110	.00124	.00050	1.78	.0123	.176
%RSD	.12575	.80800	.51593	2.2704	.14621	1.6166	.46314	.24408

#1	.10497	1760.3	.21334	.05356	.34430	109.11	2.6549	72.430
#2	.10479	1740.3	.21490	.05531	.34359	111.63	2.6376	72.181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10744	-.00925	5.0933	.22830	11.416	6.0402	.00406	.33764
Stddev	.00000	.00018	.0151	.00206	.160	.0282	.00019	.00101
%RSD	.00159	1.9202	.29644	.90302	1.4000	.46629	4.5999	.29966

#1	.10744	-.00937	5.0826	.22976	11.303	6.0203	.00393	.33835
#2	.10744	-.00912	5.1040	.22685	11.529	6.0602	.00419	.33692

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.801	.86497	-.00444	5.9234	1.3559	6.416	8.4040	13.890
Stddev	.180	.00230	.00069	.0032	.0059	.035	.0054	.200
%RSD	.27792	.26536	15.515	.05376	.43302	.5423	.06395	1.4403

#1	64.674	.86659	-.00493	5.9211	1.3600	6.392	8.4078	14.032
#2	64.928	.86334	-.00395	5.9256	1.3517	6.441	8.4002	13.749

Sample Name: J4985-01 Acquired: 9/21/2018 20:42:27 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EDISON-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 21.400
 Stddev .092
 %RSD .43081

#1 21.465
 #2 21.335

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.5	91187.	9566.0	216.09	5391.5
Stddev	14.5	357.	33.3	2.75	10.4
%RSD	.36675	.39151	.34778	1.2712	.19291

#1	3933.3	90935.	9542.5	218.03	5384.1
#2	3953.8	91440.	9589.5	214.14	5398.8

Sample Name: J4985-03 Acquired: 9/21/2018 20:46:32 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EDISON-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	.06864	-.06041	.28145	-.02333	-.00718	206.75	.90487	.00799
Stddev	.00374	.00127	.00221	.00268	.00041	1.56	.00128	.00004
%RSD	5.4516	2.1102	.78513	11.495	5.6975	.75243	.14171	.54147

#1	.07128	-.06131	.28301	-.02523	-.00747	207.85	.90578	.00802
#2	.06599	-.05951	.27988	-.02144	-.00689	205.65	.90396	.00796

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00794	2052.6	.32445	.04929	.39362	115.49	2.4638	92.576
Stddev	.00017	29.3	.00145	.00087	.00269	.31	.0069	.225
%RSD	2.1765	1.4270	.44687	1.7584	.68350	.27173	.27989	.24330

#1	.00807	2031.9	.32343	.04990	.39553	115.26	2.4687	92.735
#2	.00782	2073.3	.32548	.04868	.39172	115.71	2.4590	92.416

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11803	-.01043	8.4527	.22732	5.5036	15.722	.00605	.38275
Stddev	.00108	.00017	.0163	.00084	.0157	.011	.00072	.00573
%RSD	.91094	1.6503	.19252	.36824	.28442	.06892	11.936	1.4977

#1	.11879	-.01031	8.4412	.22791	5.4926	15.729	.00656	.37870
#2	.11727	-.01055	8.4642	.22673	5.5147	15.714	.00554	.38681

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	82.962	.87349	-.01566	6.1426	1.5042	6.148	10.551	16.822
Stddev	.103	.00684	.00044	.0119	.0107	.006	.145	.469
%RSD	.12419	.78277	2.8069	.19372	.71098	.0914	1.3766	2.7874

#1	83.035	.86866	-.01534	6.1510	1.4966	6.152	10.653	17.153
#2	82.889	.87833	-.01597	6.1342	1.5117	6.144	10.448	16.490

Sample Name: J4985-03 Acquired: 9/21/2018 20:46:32 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EDISON-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 24.269
 Stddev .650
 %RSD 2.6804

#1 23.809
 #2 24.729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.9	90303.	9572.3	212.58	5229.2
Stddev	1.6	284.	25.1	.79	.3
%RSD	.04250	.31436	.26214	.37133	.00545

#1	3871.7	90102.	9590.0	213.14	5229.0
#2	3874.0	90503.	9554.5	212.02	5229.4

Sample Name: J4987-01 Acquired: 9/21/2018 20:50:38 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16094	-.05569	.22018	-.07513	-.00588	326.73	1.4594
Stddev	.00351	.00013	.00296	.00598	.00366	1.18	.0009
%RSD	2.1817	.23037	1.3447	7.9651	62.191	.36063	.06096

#1	.16342	-.05578	.21809	-.07090	-.00330	325.90	1.4588
#2	.15846	-.05560	.22227	-.07936	-.00847	327.56	1.4601

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02301	.00856	17.413	.48564	.19619	.50162	556.64
Stddev	.00072	.00050	.014	.00253	.00095	.00197	.89
%RSD	3.1494	5.8006	.08038	.52042	.48228	.39253	.16076

#1	.02250	.00891	17.423	.48385	.19686	.50301	556.00
#2	.02353	.00821	17.403	.48743	.19552	.50022	557.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1913	72.505	.37364	-.01073	3.2435	.78171	1.0197
Stddev	.0219	.616	.00272	.00085	.0134	.00311	.0013
%RSD	.26688	.84896	.72704	7.9164	.41334	.39845	.12271

#1	8.1758	72.941	.37556	-.01013	3.2340	.77951	1.0206
#2	8.2067	72.070	.37172	-.01133	3.2530	.78391	1.0188

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.437	.00094	.30143	1.6887	1.7373	.02580	4.5741
Stddev	.012	.00014	.00918	.0162	.0036	.00189	.0268
%RSD	.03319	15.308	3.0471	.96156	.20578	7.3232	.58563

#1	37.445	.00104	.30793	1.7001	1.7348	.02447	4.5551
#2	37.428	.00084	.29494	1.6772	1.7399	.02714	4.5930

Sample Name: J4987-01 Acquired: 9/21/2018 20:50:38 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.7917	7.052	.20675	F<.00000	F<.00000
Stddev	.0019	.024	.00035	.05084	.54379
%RSD	.04991	.3359	.16798	1.0634	2.3980

#1	3.7903	7.068	.20651	-4.8166	-22.292
#2	3.7930	7.035	.20700	-4.7447	-23.061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4662.3	108180.	10806.	232.42	6285.0
Stddev	17.8	197.	10.	.43	20.4
%RSD	.38179	.18187	.09215	.18517	.32493

#1	4649.7	108320.	10799.	232.12	6270.6
#2	4674.8	108040.	10813.	232.73	6299.4

Sample Name: J4988-01 Acquired: 9/21/2018 20:54:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: METUCHEN-1.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16622	-.05882	1.1506	-.03826	-.00410	190.55	1.3036	.00984
Stddev	.00975	.00334	.0061	.00044	.00285	1.17	.0178	.00007
%RSD	5.8630	5.6798	.53159	1.1383	69.600	.61151	1.3647	.73345

#1	.15933	-.06118	1.1463	-.03856	-.00612	189.73	1.2910	.00989
#2	.17311	-.05646	1.1550	-.03795	-.00208	191.38	1.3162	.00978

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09170	2275.9	.18740	.05055	3.3872	179.74	4.0901	516.04
Stddev	.00026	10.4	.00015	.00032	.0060	2.18	.0028	6.23
%RSD	.28448	.45657	.07930	.62436	.17704	1.2102	.06790	1.2074

#1	.09151	2268.5	.18729	.05078	3.3914	181.28	4.0920	511.63
#2	.09188	2283.2	.18750	.05033	3.3830	178.20	4.0881	520.45

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25995	-.01326	8.5564	.27204	14.252	14.271	.00676	.38663
Stddev	.00294	.00027	.0795	.00155	.172	.276	.00035	.00629
%RSD	1.1319	1.9988	.92965	.56809	1.2034	1.9349	5.1926	1.6263

#1	.25787	-.01307	8.5001	.27313	14.373	14.076	.00651	.38218
#2	.26203	-.01345	8.6126	.27095	14.131	14.467	.00701	.39108

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.625	1.3143	-.00456	5.7687	1.9092	7.820	10.480	20.013
Stddev	.089	.0059	.00120	.0155	.0044	.011	.158	.203
%RSD	.15131	.44647	26.421	.26854	.22932	.1352	1.5120	1.0142

#1	58.562	1.3184	-.00370	5.7578	1.9061	7.827	10.368	19.870
#2	58.687	1.3101	-.00541	5.7797	1.9123	7.812	10.592	20.157

Sample Name: J4988-01 Acquired: 9/21/2018 20:54:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: METUCHEN-1.5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.547
Stddev	.555
%RSD	2.4608

#1	22.155
#2	22.940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.7	87362.	9510.1	205.67	4878.7
Stddev	.7	135.	64.2	2.64	2.3
%RSD	.02018	.15467	.67500	1.2844	.04614

#1	3693.3	87267.	9555.5	203.80	4877.1
#2	3692.2	87458.	9464.7	207.54	4880.3

Sample Name: J4988-03 Acquired: 9/21/2018 20:58:41 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: METUCHEN-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	.67733	-.07449	2.8927	-.03554	.00326	218.44	1.7834	.01265
Stddev	.01082	.00594	.0092	.00302	.00046	.06	.0093	.00010
%RSD	1.5970	7.9717	.31810	8.5048	14.254	.02874	.52220	.76812
#1	.66968	-.07869	2.8862	-.03767	.00293	218.40	1.7768	.01259
#2	.68498	-.07029	2.8992	-.03340	.00359	218.49	1.7900	.01272
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18475	1935.8	.30475	.07489	3.8042	172.73	3.7865	129.98
Stddev	.00001	9.7	.00471	.00023	.0077	1.31	.0049	.18
%RSD	.00296	.49866	1.5445	.30798	.20159	.75744	.12845	.14093
#1	.18475	1929.0	.30142	.07505	3.7988	173.66	3.7831	130.11
#2	.18476	1942.6	.30808	.07472	3.8096	171.81	3.7900	129.85
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34401	.00388	5.1251	.47642	33.456	13.295	.00416	.37633
Stddev	.00054	.00037	.0180	.00384	.298	.011	.00036	.00719
%RSD	.15785	9.4653	.35105	.80533	.88995	.08048	8.7286	1.9112
#1	.34362	.00362	5.1123	.47370	33.666	13.302	.00441	.38142
#2	.34439	.00414	5.1378	.47913	33.245	13.287	.00390	.37125
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.119	1.0646	.01588	7.5739	1.6411	8.093	9.1661	15.631
Stddev	.151	.0092	.00089	.0080	.0086	.022	.0438	.023
%RSD	.24381	.86462	5.6163	.10517	.52482	.2713	.47778	.14962
#1	62.012	1.0581	.01525	7.5683	1.6472	8.077	9.1351	15.615
#2	62.226	1.0711	.01651	7.5795	1.6350	8.108	9.1970	15.648

Sample Name: J4988-03 Acquired: 9/21/2018 20:58:41 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: METUCHEN-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.000
 Stddev .621
 %RSD 3.1038

#1 20.439
 #2 19.561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.4	91608.	9751.4	211.86	5186.3
Stddev	2.1	85.	15.4	2.27	2.1
%RSD	.05295	.09310	.15793	1.0706	.04114

#1	3925.0	91548.	9762.3	210.25	5184.8
#2	3927.9	91669.	9740.5	213.46	5187.8

Sample Name: J4988-05 Acquired: 9/21/2018 21:02:45 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: METUCHEN-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	.16114	-.05910	18.525	-.03821	.00072	197.06	1.8034	.01013
Stddev	.00636	.00216	.011	.00126	.00030	.57	.0040	.00011
%RSD	3.9453	3.6603	.06200	3.2866	42.213	.28774	.22074	1.0981
#1	.15664	-.05757	18.533	-.03733	.00051	197.46	1.8062	.01021
#2	.16563	-.06063	18.517	-.03910	.00093	196.66	1.8006	.01005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21920	2203.9	.22587	.04673	6.1419	206.44	3.5044	401.83
Stddev	.00058	21.7	.00105	.00003	.0034	1.83	.0010	.31
%RSD	.26364	.98658	.46350	.05901	.05530	.88867	.02932	.07753
#1	.21961	2188.6	.22661	.04675	6.1395	205.14	3.5051	401.61
#2	.21879	2219.3	.22513	.04671	6.1443	207.73	3.5037	402.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19566	-.01245	5.9934	.29114	39.699	11.338	.00502	.39157
Stddev	.00046	.00015	.0147	.00098	.535	.009	.00037	.01455
%RSD	.23708	1.2367	.24608	.33675	1.3488	.08354	7.4549	3.7159
#1	.19599	-.01234	6.0038	.29045	39.320	11.331	.00528	.38128
#2	.19533	-.01256	5.9829	.29183	40.077	11.345	.00476	.40186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.601	1.1569	-.00440	5.4323	1.7814	9.434	10.661	18.101
Stddev	.066	.0156	.00100	.0211	.0121	.028	.001	.056
%RSD	.12596	1.3512	22.753	.38769	.68139	.2934	.01063	.30706
#1	52.555	1.1458	-.00369	5.4471	1.7728	9.415	10.660	18.062
#2	52.648	1.1679	-.00511	5.4174	1.7900	9.454	10.662	18.140

Sample Name: J4988-05 Acquired: 9/21/2018 21:02:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: METUCHEN-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 21.099
Stddev .538
%RSD 2.5498

#1 20.718
#2 21.479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3710.5	87985.	9416.7	203.74	4958.1
Stddev	1.5	1.	25.4	2.28	5.5
%RSD	.04038	.00148	.26974	1.1208	.11063

#1	3709.4	87984.	9434.6	205.36	4954.2
#2	3711.5	87986.	9398.7	202.13	4962.0

Sample Name: CCV10 Acquired: 9/21/2018 21:06:50 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13853 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8440	4.8635	4.6956	4.9282	4.9489	10.188	9.7730	.24108
Stddev	.0058	.0234	.0157	.0091	.0020	.060	.0080	.00016
%RSD	.12049	.48053	.33529	.18486	.04075	.58515	.08239	.06768
#1	4.8481	4.8800	4.7067	4.9347	4.9503	10.146	9.7787	.24096
#2	4.8399	4.8469	4.6845	4.9218	4.9475	10.230	9.7674	.24119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3659	23.596	.98505	2.3588	1.2369	4.8144	2.4275	23.314
Stddev	.0052	.061	.00370	.0039	.0025	.0355	.0046	.008
%RSD	.21861	.25676	.37558	.16523	.20334	.73802	.18811	.03356
#1	2.3696	23.638	.98766	2.3616	1.2387	4.8396	2.4307	23.309
#2	2.3623	23.553	.98243	2.3561	1.2351	4.7893	2.4243	23.320
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3691	1.2049	23.664	2.4227	2.3761	23.973	4.8936	4.7637
Stddev	.0012	.0032	.060	.0056	.0277	.024	.0081	.0259
%RSD	.04943	.26875	.25194	.23289	1.1667	.09810	.16533	.54281
#1	2.3682	1.2072	23.706	2.4187	2.3957	23.957	4.8993	4.7454
#2	2.3699	1.2026	23.622	2.4267	2.3565	23.990	4.8878	4.7820
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7571	4.5745	4.6729	4.8157	F 4.4644	4.904	4.8575	F 1.7160
Stddev	.0117	.0194	.0103	.0028	.0205	.015	.0093	.0649
%RSD	.24560	.42506	.21986	.05903	.45963	.3119	.19214	3.7800
#1	4.7654	4.5608	4.6802	4.8137	4.4499	4.915	4.8641	1.7619
#2	4.7489	4.5883	4.6657	4.8177	4.4789	4.893	4.8509	1.6701

Sample Name: CCV10 Acquired: 9/21/2018 21:06:50 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13853 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.4395
 Stddev .5621
 %RSD 16.342

#1 3.8369
 #2 3.0420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4256.5	99980.	9431.4	233.57	6835.0
Stddev	7.5	281.	37.1	2.82	20.0
%RSD	.17656	.28138	.39360	1.2069	.29303

#1	4251.1	99781.	9405.2	231.58	6820.8
#2	4261.8	100180.	9457.7	235.57	6849.1

Sample Name: J4988-07 Acquired: 9/21/2018 21:14:40 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: METUCHEN-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	.48156	-.07141	6.2454	-.05003	.00772	226.50	1.5370	.01108
Stddev	.00038	.00055	.0140	.00358	.00105	.03	.0025	.00013
%RSD	.07965	.76803	.22340	7.1601	13.618	.01538	.16161	1.1880
#1	.48129	-.07102	6.2553	-.04750	.00846	226.53	1.5353	.01117
#2	.48183	-.07180	6.2355	-.05256	.00697	226.48	1.5388	.01098
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46356	1730.8	.23624	.07597	9.8051	250.07	3.3553	177.53
Stddev	.00104	5.9	.00236	.00027	.0219	2.25	.0029	.63
%RSD	.22367	.33875	.99704	.34927	.22348	.90152	.08805	.35685
#1	.46430	1726.7	.23457	.07579	9.8206	248.48	3.3574	177.08
#2	.46283	1735.0	.23790	.07616	9.7896	251.67	3.3532	177.98
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33452	-.01220	5.7030	.38975	F 49.919	11.579	-.00522	.38633
Stddev	.00146	.00069	.0050	.00206	.587	.033	.00009	.01194
%RSD	.43566	5.6763	.08726	.52940	1.1754	.28635	1.7683	3.0904
#1	.33555	-.01171	5.7065	.38829	49.504	11.603	-.00528	.37789
#2	.33349	-.01268	5.6995	.39121	50.334	11.556	-.00515	.39478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.244	.93669	.00465	6.8886	1.7367	9.449	9.6651	12.352
Stddev	.044	.00891	.00236	.0108	.0176	.050	.0468	.246
%RSD	.09365	.95103	50.679	.15628	1.0118	.5249	.48417	1.9941
#1	47.275	.93039	.00632	6.8962	1.7491	9.484	9.6982	12.526
#2	47.212	.94299	.00299	6.8809	1.7243	9.414	9.6321	12.178

Sample Name: J4988-07 Acquired: 9/21/2018 21:14:40 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: METUCHEN-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.814
Stddev	1.162
%RSD	6.9080

#1	15.993
#2	17.635

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3891.8	91650.	9739.6	211.84	5236.2
Stddev	7.5	31.	16.4	2.37	13.1
%RSD	.19251	.03378	.16805	1.1175	.24991

#1	3886.5	91672.	9751.2	213.52	5226.9
#2	3897.1	91628.	9728.1	210.17	5245.4

Sample Name: J4993-04 Acquired: 9/21/2018 21:18:44 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-SLUDGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05378	-.04041	1.4346	-.04653	.00828	85.205	.87284
Stddev	.00050	.00298	.0070	.00047	.00106	.491	.00005
%RSD	.92279	7.3616	.48734	1.0135	12.806	.57583	.00614

#1	.05414	-.04252	1.4395	-.04687	.00902	85.552	.87288
#2	.05343	-.03831	1.4297	-.04620	.00753	84.858	.87280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	.07158	106.13	.85978	.14436	2.4887	337.80
Stddev	.00006	.00141	.07	.00662	.00106	.0032	3.93
%RSD	.73772	1.9629	.06468	.77047	.73119	.12933	1.1626

#1	.00788	.07257	106.18	.85510	.14510	2.4864	335.02
#2	.00780	.07059	106.08	.86447	.14361	2.4909	340.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8169	32.376	1.3693	.09246	2.0186	.22674	14.937
Stddev	.0043	.228	.0057	.00100	.0078	.00251	.152
%RSD	.06360	.70546	.41417	1.0842	.38781	1.1072	1.0160

#1	6.8138	32.214	1.3733	.09175	2.0241	.22496	14.829
#2	6.8199	32.537	1.3653	.09317	2.0130	.22851	15.044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0016	.02843	.24426	20.873	5.1371	.13050	3.9630
Stddev	.0962	.00053	.01998	.086	.0143	.00211	.0068
%RSD	1.3739	1.8604	8.1816	.40983	.27768	1.6176	.17081

#1	7.0697	.02880	.23013	20.933	5.1271	.12901	3.9582
#2	6.9336	.02805	.25840	20.812	5.1472	.13200	3.9678

Sample Name: J4993-04 Acquired: 9/21/2018 21:18:44 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-SLUDGE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.61195	7.279	.66766	<.00000	F<.00000
Stddev	.01464	.028	.00088	.15212	.17405
%RSD	2.3922	.3865	.13216	15.969	10.412

#1	.62231	7.298	.66829	-.84505	-1.5486
#2	.60160	7.259	.66704	-1.0602	-1.7947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4221.6	100890.	10051.	234.66	6487.0
Stddev	12.1	84.	20.	2.00	12.1
%RSD	.28775	.08355	.19538	.85108	.18678

#1	4213.0	100830.	10037.	236.07	6478.4
#2	4230.1	100950.	10065.	233.24	6495.6

Sample Name: J4998-01 Acquired: 9/21/2018 21:22:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: YG3-SLOAN-PA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11234	-.03406	13.298	-.07489	.00992	111.49	3.3757
Stddev	.00015	.00237	.009	.00416	.00213	.06	.0071
%RSD	.13651	6.9461	.06848	5.5482	21.430	.05131	.21117

#1	.11223	-.03573	13.291	-.07195	.00842	111.53	3.3706
#2	.11245	-.03239	13.304	-.07783	.01142	111.45	3.3807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01134	.01878	31.806	.21993	.11560	1.0017	491.51
Stddev	.00018	.00054	.092	.00098	.00005	.0031	2.90
%RSD	1.5525	2.9006	.28872	.44529	.04437	.31119	.59104

#1	.01147	.01917	31.741	.22062	.11557	1.0039	489.46
#2	.01122	.01840	31.871	.21924	.11564	.99945	493.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7084	38.703	.20889	-.00954	1.1049	.33216	15.853
Stddev	.0050	.225	.00158	.00067	.0167	.00361	.153
%RSD	.07454	.58242	.75830	7.0051	1.5144	1.0863	.96469

#1	6.7048	38.862	.21001	-.01001	1.0931	.32961	15.745
#2	6.7119	38.543	.20777	-.00906	1.1167	.33472	15.961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6681	.00712	.18668	11.709	1.1082	1.0768	2.4289
Stddev	.0410	.00009	.01189	.016	.0147	.0006	.0032
%RSD	.61511	1.3060	6.3694	.13510	1.3257	.05943	.13205

#1	6.6971	.00718	.19509	11.698	1.0978	1.0773	2.4312
#2	6.6391	.00705	.17827	11.720	1.1185	1.0764	2.4267

Sample Name: J4998-01 Acquired: 9/21/2018 21:22:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: YG3-SLOAN-PA Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.3214	6.865	.20005	F<.00000	F<.00000
Stddev	.0103	.011	.00001	.00667	1.0144
%RSD	.78184	.1597	.00672	.17086	6.8601

#1	1.3141	6.873	.20004	-3.9003	-15.505
#2	1.3287	6.857	.20006	-3.9098	-14.070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4447.6	105780.	10331.	240.97	6600.2
Stddev	3.8	27.	51.	2.24	9.7
%RSD	.08531	.02524	.49815	.92861	.14624

#1	4444.9	105760.	10367.	242.55	6593.3
#2	4450.3	105800.	10295.	239.39	6607.0

Sample Name: J5001-02 Acquired: 9/21/2018 21:26:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04614	-.05877	.14043	-.04196	-.00732	200.06	.77094
Stddev	.00096	.00382	.00032	.00262	.00137	1.00	.00142
%RSD	2.0755	6.5037	.22499	6.2520	18.732	.50010	.18404

#1	.04547	-.05607	.14020	-.04010	-.00829	199.35	.76993
#2	.04682	-.06148	.14065	-.04381	-.00635	200.77	.77194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01706	.00978	116.72	.45765	.20349	1.2464	324.60
Stddev	.00014	.00051	.18	.00016	.00003	.0017	.50
%RSD	.81572	5.2136	.15607	.03438	.01687	.13355	.15394

#1	.01696	.00942	116.59	.45776	.20352	1.2452	324.24
#2	.01716	.01014	116.85	.45754	.20347	1.2476	324.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5379	177.43	.39920	-.00893	7.6237	.59570	1.1292
Stddev	.0021	.60	.00032	.00018	.0201	.00199	.0030
%RSD	.05837	.33676	.08027	2.0307	.26387	.33469	.26943

#1	3.5394	177.01	.39897	-.00906	7.6095	.59711	1.1314
#2	3.5365	177.85	.39943	-.00880	7.6379	.59429	1.1271

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.110	.00717	.23964	6.2999	.90590	.01898	6.4716
Stddev	.092	.00047	.00846	.0072	.02187	.00226	.0047
%RSD	.27866	6.6105	3.5302	.11360	2.4137	11.920	.07342

#1	33.045	.00684	.23365	6.2949	.89044	.02058	6.4750
#2	33.175	.00751	.24562	6.3050	.92136	.01738	6.4682

Sample Name: J5001-02 Acquired: 9/21/2018 21:26:27 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	1.4273	23.97	.41247	F<.00000	F<.00000
Stddev	.0039	.10	.00145	.15899	.02095
%RSD	.26969	.3978	.35149	6.1870	.35222

#1	1.4300	23.90	.41145	-2.4573	-5.9344
#2	1.4246	24.03	.41350	-2.6822	-5.9640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4577.5	108170.	10804.	232.74	6203.9
Stddev	.1	83.	53.	1.15	4.4
%RSD	.00312	.07653	.48906	.49295	.07073

#1	4577.4	108110.	10767.	231.93	6207.0
#2	4577.6	108230.	10842.	233.55	6200.8

Sample Name: J5002-01 Acquired: 9/21/2018 21:30:25 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BACKFILL-12T Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05935	-.12060	.77330	-.04934	-.00652	200.06	2.0478
Stddev	.00116	.00056	.00133	.00264	.00126	.11	.0294
%RSD	1.9604	.46313	.17230	5.3446	19.324	.05373	1.4350

#1	.06017	-.12100	.77236	-.04747	-.00563	199.98	2.0686
#2	.05852	-.12021	.77425	-.05120	-.00741	200.14	2.0271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01104	.01044	279.03	.39031	.18167	.69496	340.50
Stddev	.00004	.00016	2.96	.00607	.00148	.00175	.31
%RSD	.32423	1.5647	1.0600	1.5558	.81513	.25217	.09172

#1	.01107	.01033	281.12	.38601	.18062	.69372	340.72
#2	.01102	.01056	276.94	.39460	.18271	.69620	340.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8622	104.50	.44633	-.02077	6.1331	.58781	1.2845
Stddev	.0134	1.36	.00199	.00036	.0776	.00918	.0011
%RSD	.27469	1.3041	.44668	1.7495	1.2648	1.5619	.08283

#1	4.8528	105.47	.44492	-.02051	6.1880	.58132	1.2838
#2	4.8717	103.54	.44774	-.02102	6.0783	.59430	1.2853

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.095	.01415	.23378	26.859	1.6999	-.00017	14.608
Stddev	.999	.00026	.00225	.119	.0086	.00249	.181
%RSD	1.1338	1.8174	.96168	.44236	.50568	1470.1	1.2421

#1	88.801	.01397	.23219	26.775	1.6939	.00159	14.737
#2	87.388	.01433	.23537	26.943	1.7060	-.00193	14.480

Sample Name: J5002-01 Acquired: 9/21/2018 21:30:25 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BACKFILL-12T Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	3.6756	10.78	.83833	<.00000	F<.00000
Stddev	.0176	.05	.01081	.26104	.39115
%RSD	.47905	.4203	1.2890	196.13	9.9450

#1	3.6880	10.75	.84598	.05149	-4.2098
#2	3.6631	10.81	.83069	-.31767	-3.6566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.6	101730.	10201.	225.38	5990.9
Stddev	14.6	175.	125.	.28	16.0
%RSD	.33919	.17211	1.2274	.12538	.26704

#1	4281.3	101610.	10112.	225.18	5979.6
#2	4301.9	101850.	10289.	225.58	6002.2

Sample Name: J5004-01 Acquired: 9/21/2018 21:34:22 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05526	-.01451	.19229	-.02017	-.00610	72.742	.37618	.00494
Stddev	.00129	.00210	.00043	.00035	.00013	.144	.00042	.00005
%RSD	2.3314	14.464	.22416	1.7305	2.1827	.19836	.11211	.99178

#1	.05434	-.01302	.19198	-.01992	-.00619	72.844	.37588	.00491
#2	.05617	-.01599	.19259	-.02041	-.00600	72.640	.37648	.00497

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	11.090	.18153	.07277	.22750	146.11	3.1659	23.379
Stddev	.00008	.005	.00009	.00012	.00078	.47	.0007	.017
%RSD	7.0559	.04439	.04849	.16431	.34459	.32470	.02262	.07070

#1	.00114	11.087	.18147	.07285	.22806	145.77	3.1664	23.368
#2	.00126	11.094	.18159	.07268	.22695	146.45	3.1653	23.391

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47619	-.00276	1.1332	.16728	.40381	5.1780	.01411	.05116
Stddev	.00061	.00064	.0030	.00040	.00322	.0137	.00011	.01590
%RSD	.12894	23.029	.26269	.23962	.79782	.26361	.74615	31.083

#1	.47575	-.00321	1.1353	.16756	.40153	5.1877	.01419	.03992
#2	.47662	-.00231	1.1311	.16700	.40608	5.1684	.01404	.06241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92141	1.0328	.04633	1.4698	.71690	2.142	.06347	<.00000
Stddev	.00215	.0009	.00021	.0033	.00201	.009	.00017	.10411
%RSD	.23309	.08798	.45224	.22221	.28005	.3960	.27496	12.288

#1	.91989	1.0334	.04618	1.4721	.71548	2.136	.06335	-.92082
#2	.92292	1.0321	.04648	1.4675	.71831	2.148	.06360	-.77359

Sample Name: J5004-01 Acquired: 9/21/2018 21:34:22 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-026 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4032
 Stddev .3607
 %RSD 5.6337

#1 6.1481
 #2 6.6582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4460.5	105520.	10100.	242.90	6995.7
Stddev	8.1	76.	6.	1.80	.9
%RSD	.18144	.07235	.05670	.74002	.01228

#1	4454.8	105570.	10096.	244.17	6995.1
#2	4466.3	105460.	10104.	241.63	6996.3

Sample Name: J5004-03 Acquired: 9/21/2018 21:38:19 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-GF-02-026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05436	-.01131	.19676	-.01964	-.00761	68.847	.35024
Stddev	.00350	.00217	.00121	.00498	.00061	.148	.00030
%RSD	6.4338	19.170	.61391	25.335	8.0242	.21503	.08519

#1	.05188	-.01285	.19762	-.02316	-.00804	68.952	.35045
#2	.05683	-.00978	.19591	-.01613	-.00718	68.743	.35003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	.00077	10.954	.17587	.07847	.20791	138.93
Stddev	.00006	.00022	.016	.00270	.00026	.00260	.14
%RSD	1.2916	27.994	.14491	1.5358	.33166	1.2515	.10408

#1	.00467	.00062	10.943	.17396	.07865	.20975	139.03
#2	.00476	.00093	10.965	.17778	.07828	.20607	138.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6321	19.821	.41072	-.00290	1.1224	.15838	.35960
Stddev	.0102	.186	.00177	.00034	.0078	.00067	.00093
%RSD	.38723	.93688	.43086	11.631	.69641	.42304	.25958

#1	2.6393	19.690	.41198	-.00314	1.1279	.15790	.36026
#2	2.6248	19.952	.40947	-.00266	1.1168	.15885	.35894

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3275	.01527	.07074	.97706	.97262	.02254	1.3032
Stddev	.0333	.00020	.00523	.00303	.00466	.00024	.0056
%RSD	.62543	1.3085	7.3927	.31043	.47896	1.0805	.43163

#1	5.3039	.01541	.07444	.97491	.96933	.02237	1.2992
#2	5.3511	.01513	.06704	.97920	.97591	.02272	1.3071

Sample Name: J5004-03 Acquired: 9/21/2018 21:38:19 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-GF-02-026 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.64849	2.006	.06407	F<.00000	6.1566
Stddev	.00464	.017	.00022	.52418	.2730
%RSD	.71543	.8481	.34200	44.036	4.4344
#1	.64521	2.018	.06392	-.81969	5.9636
#2	.65177	1.994	.06423	-1.5610	6.3497
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4485.4	106300.	10061.	242.92	7053.6
Stddev	13.7	281.	25.	.18	9.9
%RSD	.30607	.26477	.24594	.07576	.13966
#1	4475.7	106100.	10078.	242.79	7046.6
#2	4495.1	106500.	10043.	243.05	7060.5

Sample Name: J4980-14 Acquired: 9/21/2018 21:42:17 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7467 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	.00198	.00041	.00500	-.00206	.03082	.05035	.00005
Stddev	.00206	.00077	.00148	.00252	.00059	.00604	.00017	.00002
%RSD	45.680	38.604	364.03	50.346	28.652	19.614	.33707	38.038
#1	-.00597	.00253	-.00064	.00678	-.00164	.02654	.05047	.00003
#2	-.00305	.00144	.00146	.00322	-.00247	.03509	.05023	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	19.097	.00384	.00004	.00357	.00531	.01107	6.2767
Stddev	.00002	.103	.00106	.00016	.00008	.00731	.00006	.0554
%RSD	49.192	.54000	27.484	452.83	2.1185	137.53	.56768	.88330
#1	-.00006	19.024	.00310	-.00008	.00363	.00015	.01103	6.3159
#2	-.00003	19.170	.00459	.00015	.00352	.01048	.01111	6.2375
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00765	-.00050	43.153	.00027	.03394	1.8916	-.00016	.07657
Stddev	.00036	.00033	.030	.00010	.00066	.0156	.00005	.00794
%RSD	4.7521	65.788	.06839	38.885	1.9581	.82633	28.883	10.364
#1	.00791	-.00073	43.174	.00034	.03441	1.9027	-.00013	.07096
#2	.00740	-.00027	43.133	.00020	.03347	1.8806	-.00019	.08219
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.2980	7.0625	-.00176	.00699	.02078	.0011	.19978	1.5695
Stddev	.0454	.0422	.00002	.00121	.01189	.0004	.00011	.0853
%RSD	.54727	.59705	1.3354	17.288	57.224	38.13	.05476	5.4372
#1	8.3301	7.0326	-.00178	.00614	.01237	.0014	.19970	1.6299
#2	8.2659	7.0923	-.00175	.00785	.02919	.0008	.19986	1.5092

Sample Name: J4980-14 Acquired: 9/21/2018 21:42:17 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7467 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2937
 Stddev .4662
 %RSD 20.324

#1 2.6234
 #2 1.9641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4171.3	99863.	9331.1	231.32	6998.4
Stddev	14.4	97.	22.8	4.31	29.7
%RSD	.34457	.09698	.24485	1.8644	.42491

#1	4161.2	99931.	9315.0	228.27	6977.4
#2	4181.5	99794.	9347.3	234.37	7019.4

Sample Name: J4980-15 Acquired: 9/21/2018 21:46:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00450	.00140	-.00100	.00194	-.00441	.00410	.06524	-.00020
Stddev	.00687	.00089	.00064	.00077	.00013	.01027	.00070	.00002
%RSD	152.68	63.386	63.819	39.638	3.0166	250.71	1.0683	11.942

#1	-.00936	.00078	-.00055	.00139	-.00431	.01136	.06573	-.00018
#2	.00036	.00203	-.00145	.00248	-.00450	-.00317	.06475	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	18.976	.01119	-.00029	.00182	-.00109	.00200	4.7992
Stddev	.00010	.018	.00090	.00005	.00064	.00602	.00000	.0762
%RSD	2.1345	.09445	8.0697	17.444	35.200	553.52	.12883	1.5870

#1	.00481	18.989	.01183	-.00032	.00227	-.00534	.00200	4.7454
#2	.00467	18.963	.01055	-.00025	.00137	.00317	.00200	4.8531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00003	51.543	.00003	.02103	3.8513	.00015	.04447
Stddev	.00037	.00026	.057	.00046	.00015	.0267	.00043	.00556
%RSD	20.448	773.47	.11152	1409.5	.71059	.69216	291.76	12.493

#1	.00153	.00015	51.584	.00036	.02114	3.8324	.00045	.04840
#2	.00205	-.00021	51.503	-.00030	.02093	3.8701	-.00016	.04054

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3615	4.6204	-.00106	.00447	.00626	.0056	.14042	1.6790
Stddev	.0112	.0133	.00029	.00141	.00094	.0008	.00048	.1286
%RSD	.25573	.28759	27.092	31.590	15.056	14.67	.33955	7.6574

#1	4.3694	4.6110	-.00127	.00347	.00560	.0062	.14076	1.7699
#2	4.3536	4.6298	-.00086	.00546	.00693	.0050	.14008	1.5881

Sample Name: J4980-15 Acquired: 9/21/2018 21:46:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7961
Stddev .3337
%RSD 11.933

#1 3.0320
#2 2.5601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4230.4	100010.	9448.5	235.89	7028.5
Stddev	24.9	285.	39.9	3.37	29.8
%RSD	.58794	.28462	.42178	1.4274	.42365

#1	4212.8	99811.	9420.3	233.51	7007.5
#2	4248.0	100210.	9476.7	238.27	7049.6

Sample Name: J4980-16 Acquired: 9/21/2018 21:50:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00320	.00119	-.00033	.00601	-.00438	.00949	.07920	-.00005
Stddev	.00688	.00024	.00074	.00200	.00010	.00617	.00006	.00006
%RSD	215.17	19.898	226.96	33.308	2.2571	65.057	.06964	129.05

#1	-.00806	.00102	.00020	.00460	-.00445	.01386	.07916	-.00000
#2	.00167	.00136	-.00085	.00743	-.00431	.00513	.07923	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	35.900	.00293	.00033	.00110	-.01957	.00083	5.4587
Stddev	.00008	.182	.00093	.00002	.00069	.01422	.00004	.0635
%RSD	8.3995	.50713	31.763	5.4001	62.961	72.667	4.2819	1.1643

#1	.00098	36.029	.00227	.00034	.00061	-.02963	.00085	5.5036
#2	.00087	35.772	.00359	.00032	.00158	-.00952	.00080	5.4138

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00055	99.065	.00039	.00673	7.4363	.00015	.12173
Stddev	.00053	.00008	.980	.00020	.00025	.0379	.00004	.01209
%RSD	30.211	15.336	.98915	50.235	3.6960	.51034	24.859	9.9342

#1	.00213	-.00049	99.758	.00053	.00690	7.4095	.00018	.13028
#2	.00138	-.00061	98.372	.00025	.00655	7.4632	.00013	.11318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.972	5.0436	-.00371	.00613	.00067	.0021	.20536	2.1179
Stddev	.006	.0046	.00035	.00308	.01053	.0003	.00015	.0241
%RSD	.05780	.09142	9.4806	50.235	1579.1	15.42	.07066	1.1367

#1	10.977	5.0468	-.00396	.00395	-.00678	.0024	.20546	2.1350
#2	10.968	5.0403	-.00346	.00830	.00811	.0019	.20525	2.1009

Sample Name: J4980-16 Acquired: 9/21/2018 21:50:24 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6322
 Stddev .8558
 %RSD 32.510

#1 2.0271
 #2 3.2373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.0	99402.	9564.7	236.40	6827.9
Stddev	11.0	243.	83.4	4.96	30.3
%RSD	.26331	.24473	.87149	2.0968	.44345

#1	4180.2	99230.	9505.8	232.89	6806.5
#2	4195.8	99574.	9623.7	239.90	6849.3

Sample Name: CCV11 Acquired: 9/21/2018 21:54:27 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.7564	4.7799	4.6270	4.8139	4.8369	9.9544	9.5304	.23673
Stddev	.0218	.0304	.0010	.0030	.0001	.0310	.0194	.00066
%RSD	.45888	.63639	.02076	.06177	.00197	.31118	.20401	.28041

#1	4.7719	4.8014	4.6263	4.8160	4.8370	9.9325	9.5167	.23627
#2	4.7410	4.7584	4.6276	4.8118	4.8369	9.9763	9.5442	.23720

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3292	23.141	.96773	2.3185	1.2156	4.7256	2.3829	22.845
Stddev	.0036	.059	.00110	.0003	.0035	.0355	.0073	.085
%RSD	.15640	.25604	.11360	.01294	.29038	.75141	.30541	.37116

#1	2.3318	23.100	.96851	2.3187	1.2181	4.7507	2.3778	22.785
#2	2.3266	23.183	.96695	2.3182	1.2131	4.7005	2.3881	22.905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3352	1.1845	23.159	2.3862	2.3638	23.389	4.8019	4.6406
Stddev	.0050	.0001	.056	.0069	.0021	.055	.0013	.0016
%RSD	.21617	.00732	.24103	.28744	.08804	.23309	.02692	.03453

#1	2.3317	1.1845	23.120	2.3814	2.3652	23.350	4.8028	4.6417
#2	2.3388	1.1844	23.199	2.3911	2.3623	23.427	4.8010	4.6395

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6858	4.5024	4.5911	4.6904	F 4.4379	4.810	4.7368	F 1.5519
Stddev	.0221	.0168	.0008	.0103	.0044	.000	.0084	.0778
%RSD	.47121	.37218	.01651	.21977	.09872	.0051	.17669	5.0146

#1	4.7014	4.4906	4.5916	4.6977	4.4410	4.810	4.7309	1.4969
#2	4.6702	4.5143	4.5905	4.6831	4.4348	4.810	4.7427	1.6069

Sample Name: CCV11 Acquired: 9/21/2018 21:54:27 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0097
Stddev	.7859
%RSD	19.600

#1	4.5654
#2	3.4539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4318.0	101210.	9504.3	234.33	6922.3
Stddev	11.1	16.	38.1	.69	17.2
%RSD	.25700	.01534	.40067	.29264	.24896

#1	4310.2	101200.	9531.2	233.84	6910.1
#2	4325.9	101220.	9477.3	234.81	6934.5

Sample Name: CCB11 Acquired: 9/21/2018 21:58:13 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00268	-.00160	.00002	-.00443	.01792	.00103	-.00009
Stddev	.00432	.00392	.00006	.00538	.00052	.01149	.00035	.00005
%RSD	214.56	145.95	3.7116	29877.	11.642	64.121	33.420	57.811
#1	-.00507	-.00009	-.00165	.00382	-.00406	.02604	.00128	-.00013
#2	.00104	.00545	-.00156	-.00378	-.00479	.00979	.00079	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.02478	-.00009	-.00009	-.00031	-.00379	.00012	.03642
Stddev	.00011	.00514	.00058	.00007	.00027	.00980	.00008	.03160
%RSD	42.711	20.745	639.52	80.144	87.537	258.72	65.028	86.766
#1	.00032	.02115	.00032	-.00004	-.00012	.00314	.00018	.05876
#2	.00017	.02842	-.00050	-.00014	-.00051	-.01071	.00006	.01407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	.00006	-.15267	.00043	.00159	-.17051	.00045	.01197
Stddev	.00015	.00087	.00892	.00012	.00009	.01073	.00020	.00469
%RSD	6.1425	1399.1	5.8400	27.516	5.6570	6.2927	43.259	39.165
#1	.00238	-.00055	-.15897	.00051	.00166	-.17810	.00059	.00866
#2	.00259	.00068	-.14636	.00034	.00153	-.16292	.00032	.01529
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	-.00439	-.00078	.00570	F .00709	.0003	.00017	F .48807
Stddev	.00154	.00216	.00057	.00151	.01559	.0005	.00008	.31085
%RSD	37.939	49.319	72.646	26.533	219.87	155.2	44.863	63.691
#1	.00516	-.00592	-.00119	.00463	-.00393	-.0000	.00012	.26826
#2	.00298	-.00286	-.00038	.00676	.01812	.0007	.00022	.70787

Sample Name: CCB11 Acquired: 9/21/2018 21:58:13 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1358
Stddev .0886
%RSD 4.1466

#1 2.1985
#2 2.0732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4474.8	105110.	9598.7	247.55	7646.2
Stddev	3.1	277.	50.8	1.25	4.1
%RSD	.06846	.26307	.52938	.50397	.05303

#1	4472.7	105310.	9634.6	246.67	7643.4
#2	4477.0	104920.	9562.7	248.43	7649.1

Sample Name: J4980-17 Acquired: 9/21/2018 22:02:18 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00442	.00314	.00122	.00488	-.00593	.02577	.03743	-.00012
Stddev	.00568	.00327	.00025	.00421	.00095	.00708	.00027	.00000
%RSD	128.35	104.03	20.180	86.217	16.078	27.486	.72467	2.1325

#1	-.00843	.00545	.00105	.00786	-.00526	.02076	.03762	-.00012
#2	-.00041	.00083	.00140	.00191	-.00661	.03078	.03724	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	29.403	.00291	.00056	.00469	-.01370	.00122	5.2439
Stddev	.00009	.082	.00151	.00003	.00002	.01750	.00002	.0357
%RSD	105.66	.27871	51.994	4.5103	.36813	127.79	2.0024	.67999

#1	.00002	29.461	.00184	.00057	.00468	-.00132	.00120	5.2691
#2	.00016	29.345	.00398	.00054	.00471	-.02607	.00124	5.2187

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00060	93.586	.00039	.01570	6.0819	.00038	.13857
Stddev	.00006	.00036	.157	.00015	.00013	.0399	.00034	.01887
%RSD	5.1550	59.726	.16792	37.169	.83289	.65567	90.988	13.620

#1	.00130	-.00035	93.475	.00050	.01561	6.0537	.00013	.15192
#2	.00121	-.00086	93.698	.00029	.01580	6.1101	.00062	.12523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.021	6.8198	-.00509	.00321	-.00454	.0181	.18570	1.8973
Stddev	.004	.0541	.00063	.00245	.00438	.0004	.00017	.2487
%RSD	.02122	.79272	12.355	76.261	96.315	2.086	.09267	13.108

#1	17.023	6.7815	-.00465	.00148	-.00764	.0179	.18582	2.0732
#2	17.018	6.8580	-.00553	.00494	-.00145	.0184	.18557	1.7215

Sample Name: J4980-17 Acquired: 9/21/2018 22:02:18 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4600
Stddev .1184
%RSD 4.8116

#1 2.5437
#2 2.3763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4202.8	99830.	9491.6	235.58	6891.8
Stddev	9.4	65.	5.0	.67	9.4
%RSD	.22336	.06540	.05292	.28310	.13665

#1	4196.2	99784.	9488.1	236.05	6885.1
#2	4209.5	99877.	9495.2	235.11	6898.4

Sample Name: J4980-18 Acquired: 9/21/2018 22:06:21 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00132	.00171	.00019	.00179	-.00532	.00856	.03911	-.00008
Stddev	.00053	.00061	.00076	.00333	.00008	.00717	.00057	.00009
%RSD	39.906	35.405	400.82	186.04	1.4492	83.755	1.4698	105.79

#1	-.00170	.00128	-.00035	-.00056	-.00526	.01362	.03952	-.00014
#2	-.00095	.00214	.00073	.00415	-.00537	.00349	.03870	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	30.852	.00412	.00040	.00205	.00069	.00151	5.4017
Stddev	.00007	.264	.00025	.00011	.00031	.00381	.00006	.0311
%RSD	53.671	.85457	6.1865	27.598	15.193	553.56	4.1952	.57488

#1	.00008	30.665	.00394	.00048	.00227	.00338	.00156	5.3798
#2	.00017	31.038	.00430	.00033	.00183	-.00200	.00147	5.4237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00028	98.673	.00125	.02047	6.4550	.00023	.14466
Stddev	.00011	.00056	.496	.00011	.00009	.0173	.00036	.00571
%RSD	5.6638	196.22	.50242	8.4462	.43654	.26863	153.92	3.9443

#1	.00195	.00011	99.023	.00118	.02053	6.4427	-.00002	.14062
#2	.00180	-.00068	98.322	.00133	.02040	6.4673	.00049	.14869

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.014	7.0671	-.00363	.00509	.00945	.0188	.19480	1.9250
Stddev	.062	.0097	.00025	.00157	.01021	.0000	.00061	.0668
%RSD	.34620	.13787	6.8364	30.865	108.01	.1572	.31058	3.4701

#1	18.058	7.0740	-.00346	.00398	.01667	.0189	.19437	1.9723
#2	17.970	7.0602	-.00381	.00620	.00223	.0188	.19523	1.8778

Sample Name: J4980-18 Acquired: 9/21/2018 22:06:21 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3804
 Stddev .0504
 %RSD 1.4916

#1 3.3448
 #2 3.4161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4187.3	99539.	9531.2	237.94	6860.5
Stddev	21.7	34.	54.4	2.28	37.3
%RSD	.51861	.03372	.57037	.95953	.54402

#1	4171.9	99515.	9492.7	236.32	6834.1
#2	4202.6	99562.	9569.6	239.55	6886.9

Sample Name: J4980-19 Acquired: 9/21/2018 22:10:23 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00369	.00155	-.00019	.00054	-.00536	.03392	.02794	-.00002
Stddev	.00319	.00039	.00170	.00199	.00048	.01181	.00138	.00007
%RSD	86.502	24.859	875.34	370.36	8.9919	34.833	4.9301	327.17

#1	-.00143	.00183	-.00140	-.00087	-.00571	.04227	.02696	.00003
#2	-.00595	.00128	.00101	.00194	-.00502	.02556	.02891	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	10.628	.00577	-.00024	.04064	.01855	.00190	2.6674
Stddev	.00011	.043	.00009	.00001	.00025	.01098	.00006	.0047
%RSD	8.5844	.40755	1.6470	5.8102	.60841	59.178	3.0094	.17770

#1	.00121	10.597	.00570	-.00023	.04081	.01079	.00194	2.6708
#2	.00137	10.658	.00583	-.00025	.04046	.02632	.00186	2.6641

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	-.00000	35.295	.00045	.04046	.82508	-.00001	.04027
Stddev	.00030	.00072	.093	.00026	.00003	.04691	.00006	.00542
%RSD	5.1861	14688.	.26411	56.739	.06725	5.6858	814.89	13.451

#1	.00597	-.00051	35.229	.00027	.04048	.85825	-.00005	.04410
#2	.00555	.00050	35.361	.00063	.04044	.79191	.00004	.03644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2243	1.8132	-.00123	.00701	.00090	.0058	.05296	1.1861
Stddev	.0002	.0145	.00034	.00046	.00809	.0008	.00003	.1597
%RSD	.00919	.79887	27.910	6.5774	895.73	14.74	.05507	13.462

#1	2.2245	1.8030	-.00099	.00734	-.00482	.0052	.05299	1.2990
#2	2.2242	1.8234	-.00147	.00669	.00662	.0064	.05294	1.0732

Sample Name: J4980-19 Acquired: 9/21/2018 22:10:23 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3054
 Stddev .2535
 %RSD 10.998

#1 2.4847
 #2 2.1261

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4286.4	102350.	9611.1	240.11	7194.2
Stddev	4.6	301.	28.5	.49	1.8
%RSD	.10808	.29383	.29705	.20293	.02528

#1	4283.1	102140.	9631.3	240.45	7192.9
#2	4289.7	102560.	9590.9	239.76	7195.5

Sample Name: J4980-20 Acquired: 9/21/2018 22:14:27 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00041	-.00152	-.00015	.00345	-.00561	.03736	.02128	.00002
Stddev	.00080	.00158	.00016	.00179	.00026	.00456	.00027	.00002
%RSD	197.95	104.23	102.19	51.738	4.5478	12.219	1.2717	113.72

#1	.00016	-.00264	-.00026	.00219	-.00579	.04058	.02147	.00003
#2	-.00098	-.00040	-.00004	.00471	-.00543	.03413	.02109	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	16.900	.00565	.00011	.00225	.04670	.02550	2.8736
Stddev	.00002	.062	.00023	.00001	.00027	.01270	.00002	.0992
%RSD	12.928	.36514	4.0335	9.1202	12.005	27.188	.08808	3.4527

#1	.00017	16.944	.00549	.00012	.00206	.03772	.02548	2.9438
#2	.00021	16.857	.00581	.00010	.00244	.05568	.02551	2.8035

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00834	.00002	51.539	.00046	.03569	1.2069	.00065	.03410
Stddev	.00090	.00018	.267	.00038	.00040	.0069	.00017	.00735
%RSD	10.850	791.37	.51802	81.992	1.1229	.57211	25.512	21.545

#1	.00770	-.00011	51.728	.00019	.03597	1.2118	.00053	.02891
#2	.00898	.00015	51.350	.00072	.03540	1.2020	.00077	.03930

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7704	2.1596	-.00053	.00605	.01607	.0023	.07253	1.2149
Stddev	.0148	.0106	.00011	.00134	.01239	.0009	.00039	.2315
%RSD	.53479	.48919	21.295	22.058	77.106	38.16	.53938	19.053

#1	2.7809	2.1671	-.00045	.00700	.02483	.0017	.07280	1.3786
#2	2.7599	2.1521	-.00061	.00511	.00731	.0029	.07225	1.0513

Sample Name: J4980-20 Acquired: 9/21/2018 22:14:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8646
Stddev .0908
%RSD 4.8682

#1 1.9288
#2 1.8004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4254.0	101340.	9475.6	237.33	7083.4
Stddev	8.1	84.	68.5	2.65	16.4
%RSD	.19076	.08254	.72244	1.1145	.23213

#1	4248.3	101290.	9427.2	235.46	7071.7
#2	4259.8	101400.	9524.1	239.20	7095.0

Sample Name: J4980-21 Acquired: 9/21/2018 22:18:31 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113065BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00645	.00192	-.00161	.00187	-.00303	.02285	.01471	-.00014
Stddev	.00042	.00052	.00002	.00389	.00007	.00625	.00094	.00006
%RSD	6.5401	27.103	.99231	208.65	2.2816	27.366	6.3794	44.531

#1	-.00675	.00229	-.00160	.00462	-.00298	.02728	.01405	-.00010
#2	-.00616	.00156	-.00162	-.00089	-.00308	.01843	.01537	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	3.1654	.00660	-.00020	.00317	.01061	.00262	.98364
Stddev	.00011	.0041	.00017	.00000	.00028	.00732	.00005	.02062
%RSD	79.929	.12844	2.5182	2.2947	8.6728	69.002	1.8103	2.0967

#1	.00006	3.1625	.00648	-.00021	.00298	.00543	.00259	.96906
#2	.00022	3.1683	.00672	-.00020	.00337	.01579	.00265	.99822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	-.00057	12.600	.00003	.01613	.86166	.00033	.05469
Stddev	.00019	.00101	.015	.00061	.00040	.02221	.00008	.01931
%RSD	5.0789	177.60	.11790	2002.7	2.4980	2.5771	25.406	35.303

#1	.00396	.00015	12.611	-.00040	.01584	.84595	.00039	.04104
#2	.00368	-.00129	12.590	.00046	.01641	.87736	.00027	.06834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2922	4.6068	-.00210	.00653	-.00882	.0020	.03100	.90686
Stddev	.0172	.0289	.00005	.00054	.00107	.0003	.00012	.10070
%RSD	.27284	.62831	2.1945	8.2927	12.084	15.38	.38545	11.104

#1	6.2801	4.5863	-.00206	.00615	-.00807	.0018	.03109	.97807
#2	6.3043	4.6272	-.00213	.00691	-.00958	.0022	.03092	.83566

Sample Name: J4980-21 Acquired: 9/21/2018 22:18:31 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113065BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0870
Stddev .7119
%RSD 34.111

#1 1.5836
#2 2.5904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4331.3	103210.	9520.1	236.61	7393.1
Stddev	13.6	312.	48.6	3.43	30.5
%RSD	.31342	.30219	.51029	1.4503	.41257

#1	4321.7	102990.	9554.4	239.04	7371.5
#2	4340.9	103430.	9485.7	234.18	7414.6

Sample Name: J4980-22 Acquired: 9/21/2018 22:22:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113065BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00625	.00145	-.00181	.00304	-.00485	.04520	.01164	-.00014
Stddev	.00398	.00064	.00010	.00080	.00039	.00393	.00069	.00003
%RSD	63.749	44.578	5.4797	26.232	8.0106	8.6926	5.9024	19.360

#1	-.00343	.00190	-.00188	.00360	-.00513	.04798	.01115	-.00012
#2	-.00906	.00099	-.00174	.00247	-.00458	.04243	.01212	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	5.1504	.11675	.00000	.00293	.01542	.00097	1.7005
Stddev	.00005	.0185	.00115	.00009	.00054	.00611	.00001	.0035
%RSD	99.339	.35931	.98500	2143.6	18.426	39.616	.79551	.20627

#1	-.00008	5.1373	.11594	.00007	.00331	.01974	.00097	1.6980
#2	-.00001	5.1635	.11756	-.00006	.00255	.01110	.00098	1.7030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00086	12.551	.00080	.02115	1.1933	.00006	.05203
Stddev	.00040	.00071	.007	.00088	.00043	.0065	.00019	.01686
%RSD	12.619	81.785	.05730	110.61	2.0417	.54383	320.15	32.412

#1	.00287	-.00036	12.546	.00143	.02084	1.1979	-.00007	.04011
#2	.00343	-.00136	12.556	.00017	.02145	1.1887	.00019	.06395

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1255	3.7663	-.00076	.00859	-.00497	.0100	.04266	.85001
Stddev	.0044	.0025	.00024	.00247	.01426	.0017	.00039	.21579
%RSD	.14070	.06637	31.649	28.690	286.64	16.85	.92408	25.387

#1	3.1286	3.7680	-.00059	.00685	-.01506	.0088	.04238	.69742
#2	3.1224	3.7645	-.00093	.01034	.00511	.0112	.04294	1.0026

Sample Name: J4980-22 Acquired: 9/21/2018 22:22:35 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB113065BS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2068
 Stddev .3185
 %RSD 14.433

#1 2.4320
 #2 1.9815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4329.4	103690.	9653.1	239.93	7384.3
Stddev	5.9	300.	31.8	3.99	5.4
%RSD	.13544	.28919	.32980	1.6643	.07320

#1	4325.2	103900.	9675.6	242.75	7380.5
#2	4333.5	103470.	9630.6	237.10	7388.2

Sample Name: J4980-23 Acquired: 9/21/2018 22:36:38 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7467 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00274	.00352	-.00170	-.00132	-.00459	.02108	.01246	-.00016
Stddev	.00127	.00067	.00089	.00360	.00359	.00623	.00024	.00010
%RSD	46.221	18.906	51.982	272.68	78.215	29.536	1.8973	63.473

#1	-.00185	.00305	-.00233	-.00387	-.00205	.02548	.01263	-.00023
#2	-.00364	.00399	-.00108	.00123	-.00712	.01668	.01230	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	2.0887	.24929	.00013	.00245	.00642	.00126	.75406
Stddev	.00008	.0097	.00144	.00008	.00038	.01460	.00001	.00227
%RSD	38.387	.46432	.57819	60.829	15.665	227.46	.80374	.30114

#1	.00015	2.0819	.24827	.00008	.00217	-.00390	.00126	.75246
#2	.00026	2.0956	.25031	.00019	.00272	.01674	.00125	.75567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	-.00069	12.125	.00044	.02065	.52382	.00010	.05071
Stddev	.00025	.00003	.081	.00064	.00013	.07146	.00002	.00284
%RSD	9.7058	3.6534	.66830	145.03	.65014	13.643	22.844	5.6028

#1	.00242	-.00071	12.182	.00089	.02075	.47329	.00008	.05272
#2	.00278	-.00067	12.067	-.00001	.02056	.57436	.00012	.04870

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7178	3.8137	-.00208	.00398	.00436	.0035	.02417	.56537
Stddev	.0040	.0230	.00025	.00254	.00120	.0026	.00021	.04792
%RSD	.08382	.60341	11.834	63.824	27.412	74.70	.86992	8.4763

#1	4.7150	3.8300	-.00225	.00218	.00351	.0054	.02432	.53149
#2	4.7205	3.7974	-.00191	.00577	.00521	.0017	.02402	.59926

Sample Name: J4980-23 Acquired: 9/21/2018 22:36:38 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7467 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.6868
Stddev .9099
%RSD 53.939

#1 1.0434
#2 2.3302

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4311.4	103660.	9604.1	238.84	7380.2
Stddev	17.0	14.	86.9	1.34	28.2
%RSD	.39465	.01315	.90464	.55923	.38184

#1	4299.3	103670.	9542.7	237.89	7360.3
#2	4323.4	103660.	9665.6	239.78	7400.1

Sample Name: J4958-24 Acquired: 9/21/2018 22:40:41 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00561	.00281	.00039	.00390	-.00405	.01476	.11986	-.00002
Stddev	.00115	.00144	.00021	.00212	.00087	.00640	.00069	.00013
%RSD	20.452	51.291	54.139	54.412	21.579	43.388	.57803	556.21

#1	-.00480	.00383	.00054	.00540	-.00467	.01023	.12035	-.00012
#2	-.00642	.00179	.00024	.00240	-.00343	.01928	.11937	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	37.792	.08181	.00089	.00600	.00577	.00946	13.156
Stddev	.00004	.032	.00080	.00002	.00030	.01398	.00006	.044
%RSD	275.74	.08451	.97319	1.7670	5.0388	242.02	.64366	.33766

#1	-.00001	37.769	.08237	.00088	.00621	-.00411	.00950	13.125
#2	.00004	37.814	.08125	.00090	.00579	.01566	.00942	13.188

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	-.00029	104.16	.00067	.03120	2.8202	.00013	.04502
Stddev	.00020	.00038	1.77	.00017	.00041	.0204	.00009	.00363
%RSD	4.7803	130.76	1.6974	24.962	1.3060	.72149	70.428	8.0741

#1	.00407	-.00056	105.41	.00055	.03149	2.8059	.00007	.04759
#2	.00435	-.00002	102.91	.00079	.03091	2.8346	.00020	.04245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1853	4.7219	.00134	.00444	.00543	.0025	.33768	1.9414
Stddev	.0084	.0991	.00058	.00025	.02378	.0035	.00613	.0167
%RSD	.26414	2.0989	43.550	5.7154	438.24	137.1	1.8147	.86167

#1	3.1793	4.7920	.00092	.00426	.02224	.0050	.34201	1.9296
#2	3.1912	4.6518	.00175	.00462	-.01139	.0001	.33335	1.9532

Sample Name: J4958-24 Acquired: 9/21/2018 22:40:41 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5658
Stddev .5335
%RSD 20.792

#1 2.9430
#2 2.1886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4197.0	99731.	9571.6	238.59	6832.7
Stddev	4.4	293.	128.9	3.30	7.9
%RSD	.10461	.29362	1.3464	1.3811	.11553

#1	4193.8	99524.	9480.4	236.26	6827.1
#2	4200.1	99938.	9662.7	240.92	6838.2

Sample Name: J4958-25 Acquired: 9/21/2018 22:44:44 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00075	.00144	.01148	-.00679	.00503	.26266	-.00011
Stddev	.00493	.00139	.00142	.00065	.00014	.00355	.00037	.00002
%RSD	244.78	184.01	98.921	5.6840	2.0175	70.504	.14036	19.365

#1	.00550	-.00023	.00043	.01102	-.00669	.00754	.26240	-.00013
#2	-.00147	.00174	.00245	.01194	-.00688	.00252	.26292	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	91.834	.00123	.00018	.00426	-.01541	.00167	18.911
Stddev	.00007	.670	.00049	.00037	.00031	.00209	.00003	.145
%RSD	28.384	.73008	39.962	202.03	7.1844	13.568	1.5518	.76902

#1	.00031	91.360	.00158	-.00008	.00404	-.01393	.00169	19.014
#2	.00021	92.309	.00088	.00045	.00448	-.01689	.00165	18.808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	-.00081	166.58	.00080	.02353	15.770	-.00001	.04219
Stddev	.00035	.00015	.17	.00011	.00017	.054	.00059	.01317
%RSD	33.279	18.320	.09966	13.783	.71527	.34387	6825.2	31.228

#1	.00129	-.00070	166.46	.00072	.02364	15.809	-.00043	.05150
#2	.00080	-.00091	166.70	.00088	.02341	15.732	.00041	.03287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7721	3.1304	-.00234	.00120	.01057	.0059	.73296	2.9594
Stddev	.0049	.0210	.00031	.00008	.00594	.0036	.00119	.2158
%RSD	.04972	.67225	13.295	6.7259	56.154	60.90	.16169	7.2912

#1	9.7756	3.1156	-.00256	.00125	.01477	.0034	.73213	3.1120
#2	9.7687	3.1453	-.00212	.00114	.00637	.0085	.73380	2.8068

Sample Name: J4958-25 Acquired: 9/21/2018 22:44:44 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8817
Stddev .3828
%RSD 9.8608

#1 4.1523
#2 3.6110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.7	97797.	9468.0	235.59	6566.2
Stddev	3.4	384.	37.9	1.75	16.6
%RSD	.08372	.39296	.40012	.74213	.25337

#1	4114.3	97525.	9494.8	234.36	6554.5
#2	4119.2	98068.	9441.2	236.83	6578.0

Sample Name: J4958-26 Acquired: 9/21/2018 22:48:46 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00434	.00163	-.00018	-.00147	-.00499	.00570	.10166	.00002
Stddev	.00397	.00127	.00084	.00412	.00068	.00275	.00011	.00001
%RSD	91.323	77.899	458.68	280.48	13.608	48.224	.10379	53.934

#1	-.00715	.00073	.00041	-.00439	-.00547	.00375	.10158	.00003
#2	-.00154	.00253	-.00078	.00145	-.00451	.00764	.10173	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	23.050	.00104	.00036	.00828	.00220	.01065	6.7666
Stddev	.00009	.094	.00027	.00004	.00015	.00855	.00001	.0472
%RSD	87.085	.40599	26.051	11.682	1.8430	388.51	.07476	.69754

#1	.00016	22.984	.00085	.00033	.00817	-.00385	.01064	6.8000
#2	.00004	23.116	.00124	.00039	.00838	.00825	.01065	6.7332

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	-.00007	34.397	.00006	.06400	4.4117	.00047	.10549
Stddev	.00040	.00060	.254	.00096	.00062	.0334	.00062	.00712
%RSD	8.2963	829.47	.73880	1739.4	.97308	.75805	132.27	6.7457

#1	.00511	-.00049	34.576	-.00063	.06444	4.3881	.00003	.11052
#2	.00454	.00035	34.217	.00074	.06356	4.4354	.00091	.10046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.081	5.4462	-.00348	.00721	.02695	.0017	.44726	1.2786
Stddev	.067	.0525	.00045	.00053	.00592	.0019	.00292	.0912
%RSD	.55174	.96377	12.940	7.3803	21.950	114.9	.65277	7.1339

#1	12.129	5.4833	-.00317	.00758	.02277	.0003	.44933	1.2141
#2	12.034	5.4091	-.00380	.00683	.03113	.0030	.44520	1.3431

Sample Name: J4958-26 Acquired: 9/21/2018 22:48:46 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0963
 Stddev .0093
 %RSD .44359

#1 2.1029
 #2 2.0898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4241.9	101540.	9513.9	238.00	7125.1
Stddev	16.9	237.	57.0	2.12	32.7
%RSD	.39752	.23331	.59906	.89232	.45939

#1	4230.0	101370.	9473.6	236.49	7101.9
#2	4253.8	101700.	9554.2	239.50	7148.2

Sample Name: CCV12 Acquired: 9/21/2018 22:52:49 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7387	4.7825	4.6192	4.8115	4.8362	10.024	9.6058	.23645
Stddev	.0078	.0190	.0017	.0068	.0249	.044	.0514	.00033
%RSD	.16400	.39659	.03657	.14092	.51462	.43892	.53554	.14001
#1	4.7442	4.7959	4.6204	4.8163	4.8538	10.055	9.6422	.23668
#2	4.7332	4.7691	4.6180	4.8067	4.8186	9.9930	9.5694	.23621
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3353	23.173	.97379	2.3198	1.2130	4.7375	2.3877	22.718
Stddev	.0016	.027	.00079	.0042	.0036	.0374	.0004	.010
%RSD	.06843	.11816	.08086	.18106	.29558	.78839	.01663	.04440
#1	2.3364	23.192	.97434	2.3228	1.2156	4.7111	2.3874	22.725
#2	2.3342	23.154	.97323	2.3169	1.2105	4.7639	2.3879	22.711
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3388	1.1798	23.239	2.3908	2.3572	23.495	4.7931	4.6390
Stddev	.0032	.0021	.039	.0031	.0003	.184	.0105	.0295
%RSD	.13843	.18003	.16614	.12828	.01463	.78100	.21887	.63681
#1	2.3410	1.1813	23.266	2.3886	2.3574	23.625	4.8005	4.6599
#2	2.3365	1.1783	23.211	2.3929	2.3569	23.366	4.7857	4.6182
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6821	4.5005	4.5892	4.7230	F 4.4404	4.814	4.7699	F 1.3564
Stddev	.0204	.0022	.0039	.0020	.0197	.004	.0181	.2020
%RSD	.43604	.04803	.08529	.04209	.44325	.0864	.38016	14.895
#1	4.6965	4.5020	4.5920	4.7244	4.4543	4.812	4.7827	1.4992
#2	4.6676	4.4990	4.5865	4.7216	4.4265	4.817	4.7571	1.2135

Sample Name: CCV12 Acquired: 9/21/2018 22:52:49 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.9682
 Stddev .1401
 %RSD 3.5292

#1 4.0672
 #2 3.8692

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4344.7	101640.	9582.4	236.36	6952.8
Stddev	14.7	421.	45.6	.32	13.2
%RSD	.33854	.41466	.47562	.13429	.18952

#1	4334.3	101340.	9550.2	236.14	6943.4
#2	4355.1	101940.	9614.6	236.58	6962.1

Sample Name: CCB12 Acquired: 9/21/2018 22:56:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00643	.00521	-.00259	-.00040	-.00294	.01155	.00129
Stddev	.00124	.00067	.00080	.00003	.00004	.01501	.00073
%RSD	19.361	12.788	30.824	8.6520	1.2923	129.97	56.319

#1	-.00555	.00474	-.00203	-.00042	-.00297	.02216	.00180
#2	-.00730	.00568	-.00316	-.00037	-.00291	.00093	.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00005	.00862	.00021	-.00020	-.00012	.00084
Stddev	.00006	.00006	.01264	.00022	.00007	.00046	.01429
%RSD	74.822	107.54	146.76	102.46	36.370	374.62	1701.3

#1	-.00004	.00010	-.00033	.00036	-.00025	-.00045	.01095
#2	-.00012	.00001	.01756	.00006	-.00015	.00020	-.00927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.07081	.00218	-.00028	-.16120	.00028	.00171
Stddev	.00009	.01160	.00009	.00023	.01074	.00042	.00021
%RSD	46.908	16.379	4.0495	81.696	6.6624	148.20	12.475

#1	.00026	.07901	.00212	-.00012	-.15361	.00058	.00186
#2	.00013	.06261	.00225	-.00045	-.16880	-.00001	.00156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16161	.00038	.00951	.00448	-.00596	-.00057	.00828
Stddev	.04322	.00049	.00762	.00081	.00026	.00112	.00217
%RSD	26.744	128.98	80.188	18.169	4.2993	197.74	26.258

#1	-.19218	.00003	.00412	.00506	-.00614	.00023	.00982
#2	-.13105	.00072	.01489	.00391	-.00578	-.00136	.00674

Sample Name: CCB12 Acquired: 9/21/2018 22:56:35 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01759	.0001	.00014	F<.00000	F 1.9256
Stddev	.01764	.0034	.00002	.13683	1.0929
%RSD	100.25	2772.	15.463	130.96	56.758

#1	-.03006	.0025	.00015	-.00773	1.1528
#2	-.00512	-.0023	.00012	-.20123	2.6984

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4481.4	105960.	9659.8	243.44	7673.6
Stddev	2.0	515.	12.0	1.36	.7
%RSD	.04566	.48596	.12451	.55783	.00891

#1	4482.9	105600.	9651.3	242.48	7674.1
#2	4480.0	106330.	9668.3	244.40	7673.2

Sample Name: J4958-27 Acquired: 9/21/2018 23:00:41 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00334	.00296	-.00088	.00279	-.00320	.02295	.03615	-.00008
Stddev	.00053	.00067	.00009	.00240	.00310	.00039	.00014	.00013
%RSD	15.871	22.543	9.8568	85.950	97.063	1.7171	.38426	167.25

#1	-.00297	.00248	-.00094	.00109	-.00539	.02323	.03606	-.00017
#2	-.00372	.00343	-.00082	.00449	-.00100	.02267	.03625	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	13.350	.03057	.00025	.02051	.10645	.03451	4.7032
Stddev	.00018	.027	.00069	.00009	.00025	.00516	.00006	.0550
%RSD	44731.	.20097	2.2723	37.744	1.2054	4.8448	.18283	1.1698

#1	-.00013	13.369	.03008	.00031	.02068	.11010	.03456	4.7421
#2	.00013	13.331	.03106	.00018	.02033	.10281	.03447	4.6643

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02055	-.00027	37.656	.00041	.02876	2.0993	.00018	.06121
Stddev	.00059	.00053	.355	.00054	.00064	.0176	.00025	.01834
%RSD	2.8826	201.41	.94262	131.69	2.2173	.84038	139.44	29.958

#1	.02097	.00011	37.405	.00078	.02831	2.1118	.00035	.07418
#2	.02013	-.00064	37.907	.00003	.02921	2.0868	.00000	.04824

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4540	5.3186	.00216	.00604	-.00431	.0013	.11052	1.1418
Stddev	.0386	.0727	.00015	.00382	.01047	.0025	.00012	.1191
%RSD	.86565	1.3675	7.0367	63.269	242.96	183.2	.11083	10.434

#1	4.4268	5.2672	.00227	.00334	.00310	-.0004	.11061	1.2260
#2	4.4813	5.3700	.00205	.00874	-.01172	.0031	.11044	1.0575

Sample Name: J4958-27 Acquired: 9/21/2018 23:00:41 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0008
 Stddev .2189
 %RSD 10.942

#1 2.1556
 #2 1.8460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4250.2	101780.	9525.0	239.59	7159.5
Stddev	16.7	410.	81.2	3.65	15.4
%RSD	.39263	.40267	.85221	1.5217	.21490

#1	4238.4	101490.	9582.4	242.17	7148.6
#2	4262.0	102070.	9467.6	237.01	7170.3

Sample Name: J4777-12 Acquired: 9/21/2018 23:04:44 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00745	-.00027	.00299	.00513	-.00525	.18977	.10733	-.00003
Stddev	.00301	.00348	.00164	.00146	.00003	.01987	.00020	.00008
%RSD	40.366	1268.2	54.917	28.517	.49121	10.468	.18517	285.17

#1	-.00532	-.00274	.00415	.00410	-.00524	.17573	.10747	.00003
#2	-.00957	.00219	.00183	.00617	-.00527	.20382	.10719	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	13.043	.00020	-.00020	.00540	.10491	.35303	1.0894
Stddev	.00007	.004	.00039	.00019	.00026	.01206	.00043	.0372
%RSD	437.66	.03188	193.19	98.470	4.7465	11.498	.12261	3.4141

#1	.00003	13.046	.00048	-.00033	.00559	.11344	.35273	1.1157
#2	-.00006	13.040	-.00007	-.00006	.00522	.09638	.35334	1.0631

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00064	283.48	.00048	.02029	.29928	.00027	.02182
Stddev	.00027	.00020	4.42	.00015	.00006	.03070	.00033	.00213
%RSD	16.096	31.960	1.5604	31.538	.31604	10.257	123.10	9.7757

#1	.00188	-.00049	286.61	.00037	.02025	.27757	.00050	.02031
#2	.00150	-.00078	280.35	.00059	.02034	.32099	.00003	.02333

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14693	.44699	.00241	.00998	-.00406	.0050	.03968	2.4977
Stddev	.00073	.00173	.00063	.00134	.01943	.0025	.00013	.2420
%RSD	.49403	.38788	25.937	13.441	478.01	49.27	.33128	9.6903

#1	.14642	.44822	.00197	.00903	-.01780	.0068	.03959	2.6689
#2	.14745	.44576	.00286	.01093	.00967	.0033	.03978	2.3266

Sample Name: J4777-12 Acquired: 9/21/2018 23:04:44 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.6916
Stddev .1427
%RSD 3.8642

#1 3.7924
#2 3.5907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.0	96986.	9383.2	232.99	6521.6
Stddev	17.8	392.	70.7	.98	24.8
%RSD	.43515	.40407	.75355	.41868	.38032

#1	4076.4	96709.	9333.2	232.30	6504.0
#2	4101.5	97263.	9433.2	233.68	6539.1

Sample Name: J4777-14 Acquired: 9/21/2018 23:08:54 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00611	.00120	.01043	.00236	-.00302	.37177	.12352	-.00009
Stddev	.00048	.00146	.00121	.00120	.00057	.00265	.00017	.00009
%RSD	7.8169	121.76	11.644	50.665	18.748	.71159	.13561	106.92

#1	-.00644	.00223	.00957	.00321	-.00262	.37364	.12340	-.00002
#2	-.00577	.00017	.01129	.00152	-.00342	.36990	.12363	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	8.7210	.00090	.00030	.00519	.29344	.42660	1.1667
Stddev	.00006	.0322	.00009	.00040	.00006	.01356	.00174	.0404
%RSD	56.443	.36930	10.479	132.32	1.1052	4.6214	.40810	3.4593

#1	.00014	8.6982	.00097	.00059	.00515	.30302	.42537	1.1952
#2	.00006	8.7438	.00083	.00002	.00523	.28385	.42783	1.1381

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00067	266.14	.00061	.03302	.62425	.00037	.02584
Stddev	.00002	.00079	2.97	.00022	.00020	.00642	.00002	.00497
%RSD	1.2094	117.54	1.1141	36.210	.59216	1.0290	4.0800	19.236

#1	.00198	-.00122	268.24	.00076	.03288	.62879	.00036	.02233
#2	.00194	-.00011	264.05	.00045	.03315	.61971	.00038	.02935

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18144	.68650	.00142	.01606	-.00169	.0147	.03699	2.3508
Stddev	.00131	.00051	.00003	.00210	.00081	.0013	.00015	.0073
%RSD	.72040	.07460	2.0167	13.050	48.045	8.566	.39683	.31194

#1	.18236	.68686	.00144	.01754	-.00112	.0156	.03689	2.3456
#2	.18051	.68614	.00140	.01458	-.00226	.0138	.03710	2.3560

Sample Name: J4777-14 Acquired: 9/21/2018 23:08:54 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1975
 Stddev .3280
 %RSD 10.256

#1 2.9657
 #2 3.4294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.8	97505.	9513.3	233.28	6538.2
Stddev	3.7	233.	66.5	.76	5.3
%RSD	.09129	.23935	.69936	.32586	.08064

#1	4088.1	97340.	9466.3	233.81	6534.5
#2	4093.4	97670.	9560.4	232.74	6542.0

Sample Name: J4777-16 Acquired: 9/21/2018 23:13:05 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00704	-.00019	.00296	.00273	-.00198	.09253	.07385	-.00012
Stddev	.00106	.00074	.00196	.00407	.00040	.00319	.00095	.00010
%RSD	15.002	388.47	66.280	148.96	20.072	3.4529	1.2850	87.406

#1	-.00629	-.00072	.00435	.00561	-.00170	.09479	.07452	-.00019
#2	-.00778	.00033	.00157	-.00015	-.00226	.09027	.07318	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	5.6859	.00033	-.00003	.00473	.01539	.23413	.75443
Stddev	.00002	.0363	.00037	.00008	.00013	.00123	.00115	.01444
%RSD	9.5127	.63913	113.48	331.93	2.6763	7.9986	.49245	1.9143

#1	.00016	5.7116	.00060	-.00008	.00482	.01626	.23331	.76465
#2	.00019	5.6602	.00007	.00003	.00465	.01452	.23494	.74422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00098	250.00	.00004	.06091	1.9390	.00028	.01728
Stddev	.00060	.00033	3.11	.00077	.00013	.0066	.00003	.00597
%RSD	42.972	33.739	1.2436	1907.8	.21478	.33916	12.165	34.571

#1	.00097	-.00121	252.20	.00058	.06082	1.9437	.00030	.02151
#2	.00182	-.00074	247.80	-.00050	.06100	1.9344	.00025	.01306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15084	.20309	.00156	.00787	-.00231	.1797	.02474	2.1867
Stddev	.00084	.00225	.00127	.00045	.00570	.0033	.00021	.1229
%RSD	.55895	1.1066	81.170	5.7415	246.88	1.842	.85325	5.6179

#1	.15143	.20150	.00067	.00819	-.00634	.1821	.02459	2.2736
#2	.15024	.20468	.00246	.00755	.00172	.1774	.02489	2.0998

Sample Name: J4777-16 Acquired: 9/21/2018 23:13:05 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3206
Stddev	.2477
%RSD	7.4594

#1	3.1455
#2	3.4958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4121.1	97647.	9477.8	233.83	6613.6
Stddev	17.3	21.	14.4	.44	17.3
%RSD	.42022	.02138	.15213	.18694	.26227

#1	4108.9	97632.	9488.0	233.52	6601.4
#2	4133.4	97662.	9467.6	234.14	6625.9

Sample Name: J4777-18 Acquired: 9/21/2018 23:17:15 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00349	-.00076	.00541	.00274	-.00478	.16447	.14688	.00008
Stddev	.00012	.00060	.00063	.00262	.00190	.01462	.00051	.00011
%RSD	3.4405	78.776	11.602	95.930	39.743	8.8915	.34529	138.69

#1	-.00358	-.00034	.00585	.00459	-.00344	.17481	.14652	.00015
#2	-.00341	-.00118	.00497	.00088	-.00613	.15413	.14724	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.727	.00073	-.00008	.00432	.09903	.12048	2.3348
Stddev	.00004	.099	.00039	.00026	.00032	.01643	.00083	.0017
%RSD	234.07	.66927	53.216	338.61	7.4855	16.587	.68733	.07047

#1	.00001	14.797	.00101	-.00026	.00409	.08741	.11989	2.3337
#2	-.00004	14.658	.00046	.00011	.00455	.11064	.12106	2.3360

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	.00028	247.74	-.00008	.03061	.41707	-.00018	.00507
Stddev	.00033	.00032	2.07	.00026	.00069	.03159	.00026	.00142
%RSD	20.634	114.07	.83646	334.77	2.2460	7.5737	150.17	27.906

#1	.00183	.00050	249.20	-.00026	.03012	.43940	-.00036	.00608
#2	.00136	.00005	246.27	.00011	.03109	.39473	.00001	.00407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12568	.49813	.00272	.00959	.01455	.0300	.04451	2.8721
Stddev	.00175	.00622	.00015	.00116	.00116	.0035	.00025	.2762
%RSD	1.3962	1.2488	5.6872	12.056	7.9871	11.52	.56687	9.6157

#1	.12444	.49373	.00283	.00877	.01373	.0325	.04468	3.0674
#2	.12692	.50253	.00261	.01041	.01537	.0276	.04433	2.6768

Sample Name: J4777-18 Acquired: 9/21/2018 23:17:15 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-02-0920-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7846
 Stddev .6870
 %RSD 18.152

#1 3.2989
 #2 4.2704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.7	95610.	9329.7	230.61	6463.1
Stddev	11.3	246.	18.6	2.42	5.5
%RSD	.28021	.25694	.19964	1.0514	.08438

#1	4029.7	95437.	9316.6	232.32	6459.2
#2	4045.7	95784.	9342.9	228.89	6466.9

Sample Name: J4777-20 Acquired: 9/21/2018 23:21:26 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00543	-.00196	.00495	.00566	-.00324	.10223	.12108	.00001
Stddev	.00452	.00184	.00065	.00042	.00082	.02285	.00017	.00002
%RSD	83.099	93.647	13.080	7.5015	25.157	22.354	.13972	195.79

#1	-.00863	-.00066	.00540	.00536	-.00266	.08607	.12119	-.00000
#2	-.00224	-.00326	.00449	.00596	-.00382	.11838	.12096	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	9.7022	.00100	.00021	.00432	.01216	.07124	1.3144
Stddev	.00001	.0449	.00049	.00018	.00001	.00439	.00070	.0398
%RSD	17.454	.46326	48.687	85.594	.28963	36.134	.98669	3.0283

#1	.00006	9.7340	.00066	.00033	.00433	.01526	.07074	1.2862
#2	.00008	9.6704	.00135	.00008	.00431	.00905	.07173	1.3425

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00027	272.04	.00019	.02371	.82411	.00037	.00708
Stddev	.00019	.00005	.86	.00013	.00062	.03859	.00001	.00931
%RSD	11.357	16.993	.31482	68.156	2.6214	4.6831	2.4760	131.46

#1	.00152	-.00031	272.64	.00029	.02415	.85140	.00036	.00050
#2	.00178	-.00024	271.43	.00010	.02327	.79682	.00038	.01366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07577	.23105	.00256	.00606	.00045	.0115	.03035	2.4106
Stddev	.00532	.00331	.00092	.00110	.00445	.0014	.00027	.0081
%RSD	7.0269	1.4305	36.074	18.159	978.47	12.14	.87467	.33722

#1	.07953	.22871	.00321	.00528	-.00269	.0125	.03054	2.4164
#2	.07200	.23338	.00190	.00683	.00360	.0105	.03017	2.4049

Sample Name: J4777-20 Acquired: 9/21/2018 23:21:26 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1661
Stddev	.1854
%RSD	4.4493

#1	4.0350
#2	4.2971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4048.0	96577.	9391.9	231.89	6467.3
Stddev	17.5	197.	97.3	4.69	31.1
%RSD	.43198	.20351	1.0355	2.0206	.48114

#1	4035.6	96716.	9323.1	228.58	6445.3
#2	4060.3	96438.	9460.7	235.21	6489.3

Sample Name: J4777-22 Acquired: 9/21/2018 23:25:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00395	-.00128	.00370	.00570	-.00465	.07588	.11691	-.00004
Stddev	.00091	.00274	.00006	.00131	.00152	.00425	.00109	.00016
%RSD	23.055	213.75	1.7449	23.011	32.638	5.5956	.93568	389.33

#1	-.00330	.00066	.00365	.00663	-.00572	.07287	.11614	-.00015
#2	-.00459	-.00322	.00374	.00477	-.00357	.07888	.11768	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	12.387	.00061	-.00019	.00290	-.00888	.06272	1.5956
Stddev	.00009	.057	.00040	.00018	.00000	.00876	.00019	.0343
%RSD	362.33	.46103	65.474	96.292	.13454	98.636	.29919	2.1518

#1	.00009	12.346	.00090	-.00006	.00291	-.00269	.06286	1.5713
#2	-.00004	12.427	.00033	-.00031	.00290	-.01507	.06259	1.6199

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	-.00088	263.27	.00016	.02271	.81549	-.00009	.01226
Stddev	.00050	.00039	2.85	.00077	.00033	.00743	.00026	.00240
%RSD	36.695	44.491	1.0814	494.49	1.4448	.91102	278.26	19.571

#1	.00100	-.00061	261.26	.00070	.02248	.81024	-.00028	.01056
#2	.00170	-.00116	265.29	-.00039	.02294	.82075	.00009	.01395

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07976	.30273	.00192	.00688	.00987	.0124	.03572	2.5677
Stddev	.00183	.00134	.00026	.00017	.01151	.0005	.00029	.2349
%RSD	2.3002	.44368	13.722	2.4483	116.60	3.907	.79952	9.1478

#1	.08105	.30178	.00211	.00677	.00173	.0128	.03552	2.4016
#2	.07846	.30368	.00174	.00700	.01801	.0121	.03592	2.7338

Sample Name: J4777-22 Acquired: 9/21/2018 23:25:36 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6926
 Stddev .4237
 %RSD 11.474

#1 3.9921
 #2 3.3930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.8	95648.	9323.0	231.25	6454.9
Stddev	27.1	9.	99.8	.94	31.8
%RSD	.67232	.00961	1.0701	.40746	.49231

#1	4010.6	95655.	9393.5	231.92	6432.4
#2	4049.0	95642.	9252.5	230.59	6477.4

Sample Name: J4777-24 Acquired: 9/21/2018 23:29:47 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00463	-.00035	.00221	.00683	-.00492	.05721	.11125	-.00000
Stddev	.00269	.00081	.00018	.00721	.00150	.00708	.00039	.00009
%RSD	58.155	234.08	8.1247	105.60	30.565	12.377	.35322	11614.

#1	-.00653	-.00092	.00209	.00173	-.00598	.05220	.11097	.00007
#2	-.00272	.00023	.00234	.01193	-.00386	.06222	.11152	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	11.761	.00043	-.00047	.00200	.00556	.05368	1.7780
Stddev	.00014	.019	.00004	.00020	.00019	.00135	.00007	.0921
%RSD	1109.2	.16333	9.9260	41.332	9.4948	24.299	.13796	5.1822

#1	.00011	11.748	.00040	-.00033	.00186	.00461	.05373	1.7129
#2	-.00009	11.775	.00046	-.00061	.00213	.00652	.05362	1.8432

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	-.00051	256.23	.00044	.02990	.62827	.00025	.01736
Stddev	.00000	.00102	1.05	.00012	.00018	.00193	.00007	.01342
%RSD	.27532	198.94	.41017	26.490	.60196	.30658	25.948	77.339

#1	.00130	.00021	255.49	.00036	.03003	.62963	.00021	.00786
#2	.00129	-.00124	256.97	.00053	.02977	.62691	.00030	.02685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13577	.43282	.00096	.00526	.00981	.0124	.04622	2.2623
Stddev	.00743	.00006	.00141	.00139	.00457	.0036	.00020	.0022
%RSD	5.4731	.01388	146.58	26.406	46.639	28.78	.43596	.09632

#1	.13052	.43286	-.00004	.00625	.01304	.0149	.04636	2.2607
#2	.14103	.43277	.00196	.00428	.00657	.0098	.04608	2.2638

Sample Name: J4777-24 Acquired: 9/21/2018 23:29:47 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-03-092018 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3560
Stddev .0842
%RSD 2.5090

#1 3.4156
#2 3.2965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.5	97893.	9513.2	234.88	6578.6
Stddev	4.2	365.	25.3	.33	4.6
%RSD	.10176	.37275	.26542	.14049	.06964

#1	4109.6	97635.	9531.1	234.64	6575.4
#2	4115.5	98151.	9495.4	235.11	6581.9

Sample Name: J4777-26 Acquired: 9/21/2018 23:33:57 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00284	.00158	.00290	.00374	-.00353	.42953	.09468	-.00011
Stddev	.00316	.00006	.00016	.00096	.00181	.00642	.00035	.00001
%RSD	111.47	3.9515	5.5423	25.598	51.221	1.4938	.36783	9.1998

#1	-.00507	.00154	.00302	.00306	-.00225	.43406	.09493	-.00011
#2	-.00060	.00163	.00279	.00442	-.00480	.42499	.09444	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	14.552	.00069	-.00007	.00423	.28664	.15311	.81728
Stddev	.00017	.051	.00021	.00014	.00066	.01983	.00062	.00747
%RSD	191.92	.34997	30.700	201.86	15.536	6.9180	.40256	.91363

#1	-.00021	14.588	.00054	.00003	.00470	.27262	.15355	.81200
#2	.00003	14.516	.00084	-.00017	.00377	.30066	.15268	.82256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00076	288.71	.00028	.02090	.42082	.00016	.02782
Stddev	.00046	.00033	4.93	.00042	.00008	.03707	.00037	.01679
%RSD	31.778	43.963	1.7063	152.83	.40400	8.8094	231.26	60.367

#1	.00177	-.00099	292.19	-.00002	.02096	.39461	-.00010	.03969
#2	.00112	-.00052	285.22	.00058	.02084	.44703	.00043	.01594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17063	.65100	.00310	.01860	.00297	.0135	.05462	2.1516
Stddev	.00682	.00500	.00073	.00410	.01650	.0022	.00012	.2943
%RSD	3.9955	.76878	23.678	22.067	555.59	16.18	.22443	13.677

#1	.16581	.65454	.00362	.02150	-.00870	.0151	.05470	2.3596
#2	.17545	.64746	.00258	.01569	.01464	.0120	.05453	1.9435

Sample Name: J4777-26 Acquired: 9/21/2018 23:33:57 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2505
Stddev	.0979
%RSD	2.3043

#1	4.1812
#2	4.3197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.2	96699.	9442.5	231.22	6457.7
Stddev	11.9	233.	134.5	2.41	7.8
%RSD	.29445	.24087	1.4244	1.0430	.12010

#1	4042.8	96534.	9347.4	229.51	6452.3
#2	4059.7	96864.	9537.6	232.92	6463.2

Sample Name: J4777-28 Acquired: 9/21/2018 23:38:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00741	-.00000	.00569	.00168	-.00567	.75605	.10008	-.00004
Stddev	.00100	.00225	.00047	.00086	.00046	.03072	.00043	.00004
%RSD	13.544	212290.	8.2614	51.255	8.1846	4.0636	.43318	94.520

#1	-.00670	-.00159	.00602	.00229	-.00600	.73432	.10039	-.00001
#2	-.00812	.00159	.00535	.00107	-.00534	.77777	.09977	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.933	.00074	.00014	.00649	.62416	.18760	1.1112
Stddev	.00023	.020	.00050	.00007	.00067	.04169	.00018	.0933
%RSD	919.92	.13357	68.117	49.858	10.267	6.6801	.09410	8.3948

#1	-.00019	14.919	.00110	.00019	.00602	.65364	.18748	1.1772
#2	.00014	14.947	.00038	.00009	.00696	.59468	.18773	1.0452

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	-.00002	249.71	.00115	.02756	.70644	.00001	.02514
Stddev	.00008	.00035	1.37	.00031	.00050	.02615	.00031	.00553
%RSD	3.4439	1858.6	.55041	27.024	1.8311	3.7009	4778.1	21.981

#1	.00229	.00023	250.68	.00093	.02792	.68796	.00023	.02123
#2	.00241	-.00027	248.74	.00137	.02720	.72493	-.00022	.02905

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11629	1.1285	.00102	.02744	.02406	.0184	.05024	2.2144
Stddev	.00181	.0119	.00060	.00008	.00329	.0047	.00003	.0108
%RSD	1.5599	1.0525	58.624	.30955	13.659	25.84	.06792	.48740

#1	.11757	1.1369	.00145	.02738	.02173	.0150	.05027	2.2068
#2	.11501	1.1201	.00060	.02750	.02638	.0217	.05022	2.2221

Sample Name: J4777-28 Acquired: 9/21/2018 23:38:08 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7575
Stddev	.1379
%RSD	3.6693

#1	3.8550
#2	3.6600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4078.6	96772.	9454.4	234.88	6524.7
Stddev	13.0	189.	100.5	3.96	24.4
%RSD	.31861	.19556	1.0631	1.6859	.37380

#1	4069.4	96639.	9383.3	232.08	6507.4
#2	4087.8	96906.	9525.5	237.68	6541.9

Sample Name: CCV13 Acquired: 9/21/2018 23:42:18 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13858 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7800	4.8092	4.6469	4.8452	4.8716	10.186	9.6497	.23739
Stddev	.0094	.0004	.0071	.0107	.0016	.122	.1179	.00013
%RSD	.19560	.00793	.15276	.22144	.03319	1.1970	1.2218	.05523

#1	4.7733	4.8090	4.6519	4.8528	4.8727	10.272	9.5664	.23730
#2	4.7866	4.8095	4.6419	4.8376	4.8704	10.100	9.7331	.23749

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3504	23.373	.97302	2.3344	1.2186	4.7751	2.3981	22.916
Stddev	.0032	.074	.00199	.0045	.0023	.0018	.0001	.248
%RSD	.13803	.31687	.20419	.19469	.18561	.03819	.00447	1.0808

#1	2.3527	23.321	.97162	2.3376	1.2170	4.7738	2.3982	22.740
#2	2.3481	23.426	.97443	2.3312	1.2202	4.7764	2.3980	23.091

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3482	1.1856	23.261	2.4009	2.3677	23.630	4.8242	4.6666
Stddev	.0101	.0041	.255	.0034	.0086	.262	.0026	.0401
%RSD	.43000	.34520	1.0978	.14068	.36447	1.1068	.05298	.85912

#1	2.3553	1.1827	23.080	2.4033	2.3616	23.445	4.8260	4.6383
#2	2.3410	1.1885	23.441	2.3985	2.3738	23.815	4.8224	4.6950

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7161	F 4.4894	4.6130	4.7519	F 4.4566	4.819	4.7819	F 1.5107
Stddev	.0070	.0664	.0032	.0024	.0226	.009	.0512	.1482
%RSD	.14795	1.4801	.06863	.05156	.50683	.1900	1.0709	9.8125

#1	4.7211	4.4424	4.6152	4.7536	4.4406	4.826	4.7457	1.6155
#2	4.7112	4.5364	4.6107	4.7501	4.4726	4.813	4.8181	1.4059

Sample Name: CCV13 Acquired: 9/21/2018 23:42:18 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV13858 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.1052
Stddev	.3991
%RSD	9.7209

#1	4.3874
#2	3.8230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4337.6	101420.	9622.2	236.13	6946.4
Stddev	16.5	251.	100.0	.50	27.1
%RSD	.38069	.24719	1.0389	.21309	.39054

#1	4326.0	101250.	9692.9	236.48	6927.2
#2	4349.3	101600.	9551.5	235.77	6965.6

Sample Name: CCB13 Acquired: 9/21/2018 23:46:04 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13858 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00329	-.00126	.00126	-.00384	.00719	.00113
Stddev	.00619	.00042	.00081	.00217	.00132	.01214	.00014
%RSD	739.14	12.806	63.893	172.94	34.348	168.73	12.721

#1	.00354	.00359	-.00183	-.00028	-.00291	.01577	.00103
#2	-.00521	.00299	-.00069	.00279	-.00478	-.00139	.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00021	-.01747	.00049	-.00013	-.00004	-.01058
Stddev	.00008	.00013	.01810	.00061	.00023	.00045	.00253
%RSD	116.86	62.213	103.62	125.07	174.54	1056.9	23.941

#1	-.00012	.00012	-.00467	.00006	-.00030	-.00036	-.01238
#2	-.00001	.00030	-.03026	.00092	.00003	.00027	-.00879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.01284	.00209	-.00028	-.12763	.00011	.00170
Stddev	.00003	.03202	.00015	.00069	.00665	.00024	.00001
%RSD	18.586	249.35	6.9600	247.87	5.2094	216.64	.35854

#1	.00013	.00980	.00198	.00021	-.13234	.00028	.00170
#2	.00017	-.03549	.00219	-.00077	-.12293	-.00006	.00171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.16111	.00035	.01181	-.00235	-.00703	-.00055	.00449
Stddev	.02638	.00017	.00374	.00273	.00127	.00012	.00355
%RSD	16.376	49.337	31.700	116.31	18.067	21.195	79.147

#1	-.17977	.00047	.01446	-.00428	-.00793	-.00047	.00198
#2	-.14246	.00022	.00917	-.00042	-.00613	-.00064	.00700

Sample Name: CCB13 Acquired: 9/21/2018 23:46:04 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13858 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01908	.0027	.00016	F .02596	F 1.5414
Stddev	.00606	.0024	.00004	.16715	.1369
%RSD	31.783	86.88	24.411	643.87	8.8830

#1	-.01479	.0010	.00013	.14415	1.4446
#2	-.02337	.0044	.00018	-.09223	1.6382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4455.4	105220.	9686.9	244.88	7625.6
Stddev	12.6	471.	45.3	1.99	9.5
%RSD	.28337	.44734	.46787	.81225	.12449

#1	4446.5	104890.	9718.9	243.47	7618.9
#2	4464.3	105550.	9654.8	246.28	7632.3

Sample Name: J4777-30 Acquired: 9/21/2018 23:50:10 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00747	-.00031	.00257	.00025	-.00406	.04760	.08191	-.00004
Stddev	.00063	.00073	.00078	.00125	.00285	.02010	.00152	.00008
%RSD	8.4884	234.86	30.370	493.87	70.249	42.225	1.8563	213.99

#1	-.00792	.00020	.00312	-.00063	-.00608	.06182	.08299	.00002
#2	-.00702	-.00082	.00202	.00113	-.00204	.03339	.08084	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	10.092	.00071	-.00019	.00277	.00601	.11453	.64954
Stddev	.00010	.250	.00049	.00004	.00068	.00752	.00003	.02619
%RSD	286.28	2.4744	69.348	22.188	24.710	125.10	.02947	4.0323

#1	.00004	10.269	.00036	-.00016	.00229	.00069	.11451	.66806
#2	-.00011	9.9157	.00106	-.00022	.00325	.01133	.11456	.63102

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	-.00014	240.52	.00101	.01826	.30865	-.00006	.02501
Stddev	.00023	.00028	3.36	.00034	.00013	.00361	.00026	.00587
%RSD	29.149	206.68	1.3987	33.674	.68523	1.1698	416.91	23.470

#1	.00063	-.00034	242.90	.00077	.01817	.30610	-.00025	.02917
#2	.00096	.00006	238.14	.00125	.01835	.31121	.00012	.02086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10663	.21214	.00100	.00609	.00017	.0065	.04171	2.5885
Stddev	.00104	.00508	.00044	.00137	.00229	.0032	.00086	.0463
%RSD	.97388	2.3961	44.614	22.470	1310.9	48.74	2.0699	1.7885

#1	.10736	.21574	.00068	.00512	-.00145	.0043	.04232	2.5558
#2	.10589	.20855	.00131	.00706	.00180	.0087	.04109	2.6213

Sample Name: J4777-30 Acquired: 9/21/2018 23:50:10 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3968
 Stddev .3087
 %RSD 9.0885

#1 3.6151
 #2 3.1785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4065.3	96058.	9252.6	227.39	6528.9
Stddev	14.1	42.	156.2	1.95	9.6
%RSD	.34630	.04364	1.6886	.85657	.14668

#1	4055.3	96028.	9142.1	226.01	6522.1
#2	4075.2	96088.	9363.0	228.77	6535.6

Sample Name: J4777-32 Acquired: 9/21/2018 23:54:20 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00441	-.00124	.00152	.00607	-.00336	.04882	.08040	-.00018
Stddev	.00038	.00237	.00150	.00298	.00042	.00068	.00076	.00009
%RSD	8.5373	190.75	98.848	49.154	12.479	1.4011	.94765	51.034

#1	-.00467	-.00292	.00046	.00396	-.00366	.04930	.08094	-.00024
#2	-.00414	.00043	.00258	.00818	-.00306	.04834	.07986	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	20.864	-.00009	.00023	.00158	-.00432	.18928	.88646
Stddev	.00007	.063	.00040	.00010	.00037	.02023	.00024	.02712
%RSD	36.029	.30228	425.35	44.537	23.528	468.03	.12665	3.0593

#1	-.00026	20.820	-.00038	.00016	.00184	-.01863	.18911	.90564
#2	-.00015	20.909	.00019	.00030	.00132	.00998	.18945	.86729

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00075	260.55	.00060	.02047	.35983	.00031	.01728
Stddev	.00052	.00049	3.30	.00038	.00053	.02297	.00058	.01473
%RSD	45.987	65.774	1.2675	62.858	2.6046	6.3824	187.33	85.234

#1	.00076	-.00040	262.88	.00086	.02085	.34359	-.00010	.02769
#2	.00149	-.00110	258.21	.00033	.02009	.37607	.00072	.00686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18824	.29617	.00216	.00406	.01310	.0037	.07036	2.9364
Stddev	.00242	.00224	.00074	.00180	.00823	.0032	.00020	.0977
%RSD	1.2834	.75516	34.128	44.370	62.808	86.81	.28428	3.3260

#1	.18994	.29775	.00164	.00279	.00728	.0014	.07050	2.8673
#2	.18653	.29459	.00269	.00533	.01892	.0060	.07022	3.0055

Sample Name: J4777-32 Acquired: 9/21/2018 23:54:20 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PL-04-092018 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6502
 Stddev .2704
 %RSD 7.4090

#1 3.4590
 #2 3.8414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.7	95366.	9373.3	229.94	6427.7
Stddev	8.2	41.	156.5	2.76	17.2
%RSD	.20303	.04345	1.6695	1.2017	.26817

#1	4013.0	95337.	9262.6	227.98	6415.5
#2	4024.5	95396.	9483.9	231.89	6439.9

Sample Name: J5021-04 Acquired: 9/21/2018 23:58:30 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	.00066	.00422	.00399	-.00653	.10565	.26885	-.00007
Stddev	.00147	.00311	.00032	.00375	.00424	.00064	.00074	.00000
%RSD	174.90	474.23	7.5065	94.186	64.881	.60288	.27487	1.3370

#1	-.00020	-.00154	.00399	.00664	-.00353	.10519	.26938	-.00007
#2	.00188	.00286	.00444	.00133	-.00952	.10610	.26833	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	42.564	.00066	.00549	.01142	.00126	.31262	2.2295
Stddev	.00013	.004	.00046	.00010	.00078	.02303	.00037	.0626
%RSD	11.704	.00957	69.259	1.8328	6.8461	1833.1	.11893	2.8074

#1	.00103	42.567	.00034	.00557	.01198	-.01503	.31289	2.1853
#2	.00122	42.561	.00099	.00542	.01087	.01754	.31236	2.2738

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	-.00036	270.30	.00174	.09315	.80608	.00007	.02064
Stddev	.00023	.00063	1.34	.00005	.00024	.04253	.00029	.01017
%RSD	3.5188	175.70	.49462	2.9985	.25861	5.2757	410.10	49.269

#1	.00626	-.00080	271.25	.00170	.09332	.83615	-.00013	.02783
#2	.00658	.00009	269.36	.00178	.09298	.77601	.00028	.01345

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1360	1.7512	.00142	.00322	.03311	.0066	.24890	2.7524
Stddev	.0095	.0131	.00025	.00239	.01313	.0024	.00051	.0159
%RSD	.84025	.74876	17.668	74.282	39.666	36.98	.20612	.57755

#1	1.1427	1.7605	.00159	.00153	.04239	.0049	.24927	2.7411
#2	1.1292	1.7420	.00124	.00491	.02382	.0083	.24854	2.7636

Sample Name: J5021-04 Acquired: 9/21/2018 23:58:30 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-A Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6614
 Stddev .3139
 %RSD 8.5731

#1 3.8833
 #2 3.4394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.2	95270.	9329.8	228.70	6404.6
Stddev	13.3	377.	50.8	.06	16.8
%RSD	.33149	.39565	.54476	.02436	.26226

#1	4005.8	95003.	9293.9	228.67	6392.7
#2	4024.6	95536.	9365.8	228.74	6416.5

Sample Name: J5021-08 Acquired: 9/22/2018 0:02:39 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	.00021	.00353	.00444	-.00259	.14901	.20276	.00006
Stddev	.00328	.00138	.00103	.00495	.00135	.02200	.00153	.00003
%RSD	97.023	664.37	29.272	111.46	51.904	14.764	.75299	54.161

#1	-.00106	.00119	.00426	.00795	-.00164	.13345	.20384	.00008
#2	-.00570	-.00077	.00280	.00094	-.00354	.16456	.20168	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	29.981	.00143	.00585	.00406	.02179	.28350	2.2008
Stddev	.00003	.049	.00022	.00005	.00022	.01510	.00268	.0688
%RSD	1.9038	.16240	15.367	.83447	5.3359	69.298	.94646	3.1251

#1	.00170	30.015	.00159	.00588	.00421	.03247	.28540	2.1522
#2	.00175	29.946	.00128	.00581	.00391	.01111	.28161	2.2495

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00765	-.00016	256.32	.00080	.52178	.65396	.00017	.02337
Stddev	.00067	.00037	4.32	.00026	.00255	.02627	.00006	.00603
%RSD	8.7786	226.79	1.6841	33.128	.48945	4.0173	33.459	25.822

#1	.00813	-.00042	259.37	.00061	.51998	.67254	.00021	.01910
#2	.00718	.00010	253.27	.00098	.52359	.63539	.00013	.02764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2446	1.8287	.00298	.00619	.00772	.0073	.20027	2.8656
Stddev	.0105	.0012	.00031	.00086	.00434	.0026	.00019	.0367
%RSD	.84573	.06437	10.325	13.855	56.208	35.55	.09563	1.2799

#1	1.2371	1.8295	.00276	.00558	.00465	.0055	.20040	2.8397
#2	1.2520	1.8279	.00319	.00679	.01079	.0091	.20013	2.8915

Sample Name: J5021-08 Acquired: 9/22/2018 0:02:39 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9103
 Stddev .6816
 %RSD 17.431

#1 3.4283
 #2 4.3922

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.0	95869.	9296.5	231.19	6477.4
Stddev	16.8	801.	31.2	.34	14.9
%RSD	.41253	.83522	.33550	.14551	.23063

#1	4049.2	95303.	9318.5	230.95	6466.8
#2	4072.8	96436.	9274.4	231.43	6488.0

Sample Name: J5021-12 Acquired: 9/22/2018 0:06:49 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	-.00043	.00318	.00119	-.00498	.13814	.32585	.00002
Stddev	.00325	.00035	.00073	.00568	.00067	.00973	.00003	.00005
%RSD	87.535	79.900	22.836	475.06	13.461	7.0448	.01012	307.90

#1	-.00601	-.00068	.00267	.00521	-.00546	.13126	.32588	-.00002
#2	-.00141	-.00019	.00370	-.00282	-.00451	.14502	.32583	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	34.440	.00157	.00447	.01393	-.00107	.26337	2.2066
Stddev	.00009	.095	.00047	.00009	.00011	.00911	.00003	.0018
%RSD	9.8925	.27509	29.955	1.9365	.76096	850.57	.01248	.08225

#1	.00086	34.507	.00124	.00453	.01386	.00537	.26340	2.2079
#2	.00099	34.373	.00190	.00441	.01401	-.00752	.26335	2.2054

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	-.00025	304.10	.00085	.08350	.69489	-.00033	.03259
Stddev	.00029	.00033	1.18	.00031	.00059	.05625	.00030	.00167
%RSD	4.5969	131.38	.38885	36.804	.70979	8.0948	92.185	5.1293

#1	.00642	-.00048	304.94	.00107	.08392	.65511	-.00054	.03377
#2	.00601	-.00002	303.27	.00063	.08308	.73466	-.00011	.03141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96682	1.6520	.00227	.00468	.02308	.0091	.20068	2.7027
Stddev	.00085	.0161	.00113	.00225	.00456	.0004	.00042	.1770
%RSD	.08756	.97577	50.012	48.152	19.738	3.975	.21037	6.5473

#1	.96741	1.6406	.00307	.00309	.02630	.0093	.20098	2.8278
#2	.96622	1.6634	.00146	.00628	.01986	.0088	.20039	2.5775

Sample Name: J5021-12 Acquired: 9/22/2018 0:06:49 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-C Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1494
Stddev .0060
%RSD .14501

#1 4.1537
#2 4.1452

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.4	95309.	9333.3	230.43	6380.2
Stddev	14.7	492.	29.9	3.13	29.2
%RSD	.36725	.51578	.32033	1.3579	.45795

#1	3999.0	94961.	9312.1	228.22	6359.6
#2	4019.8	95656.	9354.4	232.64	6400.9

Sample Name: J5021-16 Acquired: 9/22/2018 0:10:58 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00646	.00022	.00259	.00230	-.00403	.14219	.27834	.00001
Stddev	.00369	.00124	.00120	.00415	.00103	.00289	.01630	.00002
%RSD	57.117	552.79	46.518	180.65	25.527	2.0352	5.8576	154.70

#1	-.00385	.00110	.00344	-.00064	-.00476	.14014	.26681	-.00000
#2	-.00908	-.00065	.00174	.00524	-.00330	.14423	.28986	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	27.286	.00072	.00447	.01187	.01568	.23101	1.9188
Stddev	.00007	1.683	.00012	.00026	.00046	.00249	.00119	.1294
%RSD	8.1430	6.1685	16.103	5.8975	3.8844	15.905	.51576	6.7449

#1	.00086	26.095	.00081	.00428	.01219	.01392	.23017	1.8272
#2	.00076	28.476	.00064	.00466	.01154	.01745	.23185	2.0103

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00592	-.00004	262.46	.00109	.06711	.55187	.00009	.02061
Stddev	.00005	.00008	6.09	.00003	.00305	.00459	.00013	.01591
%RSD	.83355	219.25	2.3214	3.1283	4.5505	.83124	146.94	77.195

#1	.00589	-.00009	258.15	.00111	.06495	.54862	-.00000	.03186
#2	.00595	.00002	266.77	.00107	.06927	.55511	.00018	.00936

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86285	1.4821	.00206	.00517	.02828	.0095	.18125	2.6570
Stddev	.00627	.0569	.00106	.00023	.00457	.0016	.01141	.0404
%RSD	.72686	3.8409	51.228	4.5358	16.151	17.10	6.2978	1.5190

#1	.85841	1.4419	.00281	.00533	.02505	.0107	.17318	2.6284
#2	.86728	1.5224	.00132	.00500	.03151	.0084	.18932	2.6855

Sample Name: J5021-16 Acquired: 9/22/2018 0:10:58 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LS-SOIL-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9877
 Stddev .0360
 %RSD .90205

#1 3.9623
 #2 4.0132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4025.7	95208.	9640.9	237.92	6418.5
Stddev	28.6	109.	298.4	9.63	29.3
%RSD	.71097	.11471	3.0953	4.0473	.45697

#1	4005.5	95285.	9851.9	244.73	6397.8
#2	4046.0	95131.	9429.9	231.12	6439.2

Sample Name: J5021-20 Acquired: 9/22/2018 0:15:09 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00193	.00268	.00150	-.00646	.22864	.32972	-.00002
Stddev	.00241	.00095	.00194	.00562	.00311	.01040	.00017	.00012
%RSD	410.71	49.359	72.181	374.03	48.095	4.5491	.05066	724.88

#1	.00112	-.00261	.00131	.00547	-.00866	.22128	.32984	.00007
#2	-.00229	-.00126	.00405	-.00247	-.00426	.23599	.32961	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	30.668	.00106	.00425	.01028	.06420	.24947	3.2510
Stddev	.00007	.116	.00024	.00000	.00049	.02384	.00040	.0022
%RSD	8.0354	.37952	22.394	.10963	4.7258	37.130	.16189	.06732

#1	.00087	30.586	.00123	.00425	.00994	.04734	.24976	3.2494
#2	.00078	30.750	.00089	.00424	.01063	.08105	.24919	3.2525

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	-.00017	283.84	.00276	.06687	.81359	-.00003	.04133
Stddev	.00004	.00032	2.66	.00068	.00017	.01667	.00008	.00032
%RSD	.61198	181.97	.93542	24.618	.25260	2.0485	257.10	.76292

#1	.00619	.00005	285.72	.00325	.06675	.82538	.00002	.04111
#2	.00624	-.00040	281.97	.00228	.06699	.80181	-.00008	.04155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90617	2.1027	.00118	.00943	.03031	.0120	.22060	2.7349
Stddev	.00397	.0012	.00165	.00087	.00063	.0005	.00059	.0248
%RSD	.43809	.05474	139.94	9.1874	2.0639	4.071	.26828	.90659

#1	.90336	2.1035	.00235	.00882	.02987	.0123	.22101	2.7173
#2	.90898	2.1019	.00001	.01005	.03075	.0117	.22018	2.7524

Sample Name: J5021-20 Acquired: 9/22/2018 0:15:09 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LS-SOIL-E Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.1290
Stddev .4406
%RSD 10.669

#1 3.8175
#2 4.4405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.4	95703.	9433.9	232.57	6460.3
Stddev	7.7	308.	70.3	.51	14.4
%RSD	.18979	.32173	.74483	.21905	.22331

#1	4048.0	95485.	9384.3	232.21	6450.1
#2	4058.9	95920.	9483.6	232.93	6470.5

Sample Name: J5023-04 Acquired: 9/22/2018 0:19:19 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00389	.21001	.01388	-.00483	.09418	.06387	-.00006
Stddev	.00290	.00183	.00038	.00622	.00038	.00334	.00028	.00003
%RSD	667.94	47.138	.18123	44.798	7.7807	3.5478	.44442	54.704

#1	.00161	-.00519	.21028	.01828	-.00456	.09654	.06407	-.00004
#2	-.00248	-.00259	.20974	.00948	-.00510	.09182	.06366	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	72.912	.00156	.01276	.00853	.03295	.35211	.91920
Stddev	.00008	.048	.00015	.00011	.00026	.00986	.00167	.05058
%RSD	1.5000	.06566	9.8123	.85067	3.0012	29.935	.47326	5.5029

#1	.00525	72.945	.00167	.01269	.00835	.03993	.35093	.88343
#2	.00514	72.878	.00145	.01284	.00872	.02598	.35328	.95497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00781	.00062	286.21	-.00050	.26002	.75376	.00011	.01111
Stddev	.00044	.00026	2.11	.00003	.00509	.00498	.00043	.00657
%RSD	5.5863	41.415	.73554	5.8605	1.9560	.66003	380.77	59.153

#1	.00750	.00080	287.70	-.00052	.26362	.75024	-.00019	.01575
#2	.00812	.00044	284.72	-.00048	.25643	.75728	.00041	.00646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9871	.55590	-.00052	.00367	.02264	.0035	.17282	3.1061
Stddev	.0521	.00164	.00022	.00016	.00267	.0050	.00052	.1888
%RSD	.65207	.29498	42.600	4.4475	11.773	141.8	.30136	6.0770

#1	7.9503	.55706	-.00036	.00378	.02075	-.0000	.17318	3.2396
#2	8.0239	.55474	-.00067	.00355	.02452	.0071	.17245	2.9726

Sample Name: J5023-04 Acquired: 9/22/2018 0:19:19 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9853
 Stddev .4637
 %RSD 11.636

#1 3.6574
 #2 4.3132

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3985.8	94479.	9405.5	232.35	6334.0
Stddev	9.4	98.	36.0	3.86	1.0
%RSD	.23491	.10399	.38256	1.6598	.01574

#1	3979.1	94549.	9380.1	229.63	6334.7
#2	3992.4	94410.	9431.0	235.08	6333.3

Sample Name: J4913-04DLX5 Acquired: 9/22/2018 0:27:38 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113113TB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	.00113	.00045	.00208	-.00389	.12667	.03520	-.00009
Stddev	.00367	.00172	.00020	.00039	.00073	.01007	.00048	.00008
%RSD	557.13	152.11	45.410	18.821	18.780	7.9479	1.3628	95.914

#1	-.00325	-.00009	.00059	.00181	-.00338	.13379	.03486	-.00014
#2	.00193	.00234	.00030	.00236	-.00441	.11955	.03554	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02823	11.724	.00320	-.00036	.00023	.11703	.00086	2.0748
Stddev	.00003	.087	.00008	.00012	.00016	.01469	.00003	.0553
%RSD	.11803	.73863	2.5302	32.554	69.928	12.554	3.9879	2.6630

#1	.02821	11.785	.00314	-.00044	.00012	.10664	.00088	2.1139
#2	.02825	11.663	.00326	-.00028	.00035	.12742	.00084	2.0358

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00248	.00016	32.309	.00067	.01957	.96830	-.00010	.01449
Stddev	.00021	.00002	.162	.00016	.00012	.01093	.00030	.00498
%RSD	8.6075	12.007	.50034	24.566	.61297	1.1287	292.54	34.398

#1	.00264	.00014	32.423	.00079	.01966	.97603	.00011	.01801
#2	.00233	.00017	32.195	.00055	.01949	.96057	-.00032	.01096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5759	1.1102	-.00153	.00519	-.00574	.0071	.08604	.78364
Stddev	.0106	.0026	.00066	.00133	.01116	.0030	.00011	.16932
%RSD	.67291	.23657	43.210	25.685	194.29	42.21	.13099	21.607

#1	1.5834	1.1121	-.00200	.00425	.00215	.0050	.08612	.66392
#2	1.5684	1.1083	-.00106	.00613	-.01364	.0093	.08596	.90337

Sample Name: J4913-04DLX5 Acquired: 9/22/2018 0:27:38 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB113113TB Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2877
Stddev .9308
%RSD 40.687

#1 2.9459
#2 1.6296

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4302.5	101990.	9591.3	238.30	7161.8
Stddev	5.3	283.	64.1	.63	7.6
%RSD	.12358	.27723	.66784	.26366	.10611

#1	4298.8	101790.	9546.1	238.75	7156.4
#2	4306.3	102190.	9636.6	237.86	7167.1

Sample Name: CCV14 Acquired: 9/22/2018 0:31:43 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.7999	4.8549	4.6510	4.8565	4.8928	10.147	9.6952	.23910
Stddev	.0099	.0227	.0058	.0142	.0013	.050	.0417	.00023
%RSD	.20654	.46754	.12492	.29153	.02669	.49026	.43011	.09450

#1	4.7929	4.8389	4.6551	4.8465	4.8937	10.112	9.7247	.23894
#2	4.8069	4.8710	4.6468	4.8665	4.8919	10.183	9.6657	.23926

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3551	23.359	.99299	2.3407	1.2213	4.8250	2.4096	22.968
Stddev	.0001	.069	.00154	.0010	.0013	.0404	.0001	.151
%RSD	.00491	.29470	.15521	.04359	.10976	.83793	.00628	.65682

#1	2.3552	23.311	.99190	2.3400	1.2204	4.7964	2.4095	23.074
#2	2.3551	23.408	.99408	2.3414	1.2223	4.8535	2.4097	22.861

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3439	1.2035	23.329	2.4227	2.3796	23.773	4.8393	4.6475
Stddev	.0014	.0033	.097	.0070	.0027	.227	.0084	.0171
%RSD	.06162	.27061	.41399	.28930	.11148	.95464	.17283	.36837

#1	2.3450	1.2012	23.397	2.4177	2.3815	23.933	4.8334	4.6596
#2	2.3429	1.2058	23.260	2.4276	2.3778	23.612	4.8452	4.6354

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6994	4.5299	4.6132	4.7636	F 4.4746	4.829	4.8123	F 1.4746
Stddev	.0100	.0349	.0109	.0127	.0043	.004	.0247	.2439
%RSD	.21193	.77093	.23551	.26649	.09708	.0939	.51414	16.541

#1	4.7065	4.5546	4.6209	4.7546	4.4777	4.825	4.8298	1.6471
#2	4.6924	4.5052	4.6055	4.7726	4.4716	4.832	4.7948	1.3022

Sample Name: CCV14 Acquired: 9/22/2018 0:31:43 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.0570
Stddev .1204
%RSD 2.9685

#1 3.9718
#2 4.1421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.3	101000.	9558.8	234.34	6928.2
Stddev	1.5	163.	89.9	.72	14.2
%RSD	.03421	.16115	.94012	.30851	.20543

#1	4313.4	100880.	9495.3	233.83	6918.1
#2	4311.3	101110.	9622.4	234.85	6938.3

Sample Name: CCB14 Acquired: 9/22/2018 0:35:29 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00459	.00376	-.00150	-.00403	-.00474	F .03029	.00150	-.00004
Stddev	.00467	.00280	.00176	.00337	.00056	.00006	.00058	.00001
%RSD	101.81	74.630	117.28	83.686	11.768	.20179	39.006	29.169

#1	-.00789	.00574	-.00274	-.00164	-.00513	.03025	.00108	-.00004
#2	-.00129	.00177	-.00026	-.00641	-.00435	.03034	.00191	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00676	-.00005	-.00029	-.00013	-.00355	.00023	.04407
Stddev	.00011	.01016	.00025	.00029	.00048	.00400	.00002	.01615
%RSD	75.894	150.21	496.14	97.651	369.17	112.86	8.8303	36.638

#1	.00007	-.00042	-.00022	-.00009	.00021	-.00072	.00024	.03265
#2	.00023	.01395	.00012	-.00050	-.00047	-.00638	.00021	.05549

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	-.00001	-.13243	.00050	.00170	-.13749	.00024	.01318
Stddev	.00050	.00078	.02002	.00037	.00014	.02727	.00028	.00097
%RSD	19.492	9609.2	15.119	75.226	8.2690	19.834	117.74	7.3276

#1	.00223	-.00056	-.14659	.00076	.00180	-.11820	.00043	.01386
#2	.00294	.00055	-.11828	.00023	.00160	-.15677	.00004	.01249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.01105	.00030	.00553	-.00726	.0021	.00018	F .09409
Stddev	.00053	.00298	.00080	.00081	.00171	.0010	.00020	.00328
%RSD	110.76	26.965	267.78	14.630	23.532	48.20	107.56	3.4843

#1	-.00010	-.01316	-.00027	.00496	-.00847	.0014	.00004	.09177
#2	-.00085	-.00894	.00086	.00610	-.00605	.0029	.00032	.09641

Sample Name: CCB14 Acquired: 9/22/2018 0:35:29 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0617
Stddev .2213
%RSD 10.737

#1 2.2182
#2 1.9052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4475.9	105770.	9699.5	242.70	7666.5
Stddev	5.1	87.	58.2	1.83	19.0
%RSD	.11453	.08221	.60008	.75598	.24792

#1	4472.2	105710.	9658.4	241.40	7653.1
#2	4479.5	105840.	9740.7	243.99	7680.0

Sample Name: J4913-06DLX2 Acquired: 9/22/2018 0:39:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-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	.05165	.00313	.00573	.00222	-.00393	2.0810	.01732	.00007
Stddev	.00240	.00025	.00097	.00167	.00040	.0062	.00064	.00000
%RSD	4.6461	7.9693	16.929	75.280	10.261	.29547	3.6983	6.4438

#1	.05334	.00330	.00504	.00340	-.00422	2.0854	.01777	.00008
#2	.04995	.00295	.00641	.00104	-.00365	2.0767	.01686	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	1.5903	.00663	.00046	.02904	3.0520	.00899	.13610
Stddev	.00000	.0069	.00023	.00000	.00031	.0030	.00003	.00895
%RSD	1.6028	.43679	3.5227	.04346	1.0761	.09911	.37430	6.5738

#1	.00022	1.5952	.00679	.00046	.02882	3.0541	.00902	.14243
#2	.00022	1.5854	.00646	.00046	.02926	3.0498	.00897	.12977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00716	-.00028	32.938	.02593	.01761	.47467	.00854	.06599
Stddev	.00022	.00039	.015	.00042	.00030	.00734	.00036	.00828
%RSD	3.0543	137.74	.04687	1.6037	1.6868	1.5460	4.1897	12.552

#1	.00731	-.00055	32.949	.02564	.01782	.47986	.00880	.06013
#2	.00700	-.00001	32.927	.02622	.01740	.46948	.00829	.07184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5455	2.9422	-.00047	.03255	.01405	.3301	.04611	.37447
Stddev	.0112	.0171	.00126	.00079	.01211	.0027	.00013	.35152
%RSD	.43969	.58091	269.03	2.4289	86.222	.8046	.28439	93.871

#1	2.5376	2.9301	.00042	.03311	.00548	.3282	.04621	.62303
#2	2.5534	2.9543	-.00136	.03199	.02261	.3320	.04602	.12591

Sample Name: J4913-06DLX2 Acquired: 9/22/2018 0:39:36 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2561
Stddev .1935
%RSD 8.5778

#1 2.1192
#2 2.3929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4329.1	102980.	9652.7	239.17	7241.9
Stddev	5.2	816.	57.0	1.69	6.6
%RSD	.11941	.79240	.59020	.70820	.09069

#1	4325.5	102410.	9612.4	237.98	7237.2
#2	4332.8	103560.	9693.0	240.37	7246.5

Sample Name: J4913-07DLX2 Acquired: 9/22/2018 0:43:40 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00111	.00051	-.00419	-.00361	.21116	.02607	-.00006
Stddev	.00089	.00112	.00008	.00539	.00194	.02785	.00013	.00005
%RSD	68.001	100.47	16.458	128.43	53.705	13.188	.48490	93.528
#1	-.00068	.00032	.00045	-.00039	-.00498	.23085	.02598	-.00010
#2	-.00194	.00190	.00057	-.00800	-.00224	.19147	.02616	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	11.310	.00125	-.00023	.00181	.54013	.00235	3.6959
Stddev	.00002	.036	.00093	.00016	.00008	.00201	.00006	.0500
%RSD	12.185	.32255	74.882	72.130	4.5045	.37299	2.5440	1.3539
#1	.00012	11.284	.00059	-.00035	.00186	.54155	.00239	3.6606
#2	.00015	11.336	.00191	-.00011	.00175	.53871	.00231	3.7313
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00159	-.00074	28.306	.00210	.01305	1.0218	.00018	.03838
Stddev	.00007	.00010	.271	.00005	.00007	.0057	.00022	.00118
%RSD	4.7203	13.495	.95896	2.5774	.52970	.55701	117.34	3.0659
#1	.00164	-.00081	28.498	.00214	.01310	1.0177	.00034	.03755
#2	.00153	-.00067	28.114	.00206	.01300	1.0258	.00003	.03921
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4509	3.7039	-.00107	.01326	.00791	.0038	.08239	1.1649
Stddev	.0067	.0515	.00051	.00204	.00678	.0006	.00015	.1699
%RSD	.27345	1.3905	47.566	15.352	85.656	17.21	.18576	14.582
#1	2.4556	3.7403	-.00071	.01182	.01271	.0042	.08249	1.2850
#2	2.4461	3.6675	-.00143	.01470	.00312	.0033	.08228	1.0448

Sample Name: J4913-07DLX2 Acquired: 9/22/2018 0:43:40 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-PIT-3DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6700
 Stddev .0891
 %RSD 3.3370

#1 2.6070
 #2 2.7330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4299.2	101640.	9612.7	238.95	7203.1
Stddev	9.4	358.	155.0	4.15	8.7
%RSD	.21823	.35208	1.6123	1.7387	.12107

#1	4292.5	101390.	9503.1	236.01	7196.9
#2	4305.8	101900.	9722.3	241.89	7209.3

Sample Name: J4913-09DLX2 Acquired: 9/22/2018 0:47:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00487	.00369	-.00084	-.00032	-.00450	.27660	.01659	.00013
Stddev	.00155	.00187	.00075	.00391	.00112	.01027	.00034	.00000
%RSD	31.755	50.598	89.814	1239.9	24.924	3.7115	2.0567	3.6080

#1	-.00597	.00501	-.00137	-.00308	-.00529	.26934	.01683	.00013
#2	-.00378	.00237	-.00031	.00245	-.00370	.28386	.01635	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	5.9306	.00092	.00079	.00174	1.2652	.13845	1.3144
Stddev	.00020	.0182	.00012	.00020	.00081	.0077	.00085	.0508
%RSD	113.44	.30764	13.452	24.930	46.758	.60723	.61711	3.8617

#1	.00032	5.9435	.00083	.00093	.00116	1.2598	.13785	1.2785
#2	.00003	5.9177	.00101	.00065	.00231	1.2707	.13905	1.3503

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	-.00001	42.028	.00057	.01259	.85282	-.00009	.01836
Stddev	.00028	.00013	.009	.00074	.00018	.03523	.00027	.00468
%RSD	10.605	888.95	.02072	130.02	1.4634	4.1311	321.44	25.487

#1	.00243	-.00011	42.022	.00005	.01272	.82790	.00011	.02167
#2	.00283	.00008	42.034	.00109	.01246	.87773	-.00028	.01505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9668	2.1596	-.00218	.00746	.01263	.0107	.05071	1.3236
Stddev	.0002	.0029	.00138	.00117	.00446	.0003	.00044	.2341
%RSD	.00323	.13644	63.330	15.677	35.319	3.035	.85922	17.685

#1	4.9669	2.1617	-.00316	.00664	.01578	.0109	.05101	1.4891
#2	4.9667	2.1575	-.00121	.00829	.00947	.0105	.05040	1.1581

Sample Name: J4913-09DLX2 Acquired: 9/22/2018 0:47:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9849
Stddev	.2265
%RSD	7.5881

#1	3.1451
#2	2.8248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.3	101060.	9585.1	238.31	7139.3
Stddev	18.1	231.	111.4	4.41	18.7
%RSD	.42341	.22875	1.1626	1.8514	.26159

#1	4260.5	100890.	9506.3	235.19	7126.1
#2	4286.1	101220.	9663.9	241.43	7152.5

Sample Name: J4913-10DLX2 Acquired: 9/22/2018 0:51:49 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00369	.00219	.00016	-.00001	-.00493	.53350	.00459	-.00001
Stddev	.00343	.00043	.00031	.00599	.00077	.01073	.00006	.00002
%RSD	92.942	19.547	190.96	95295.	15.659	2.0106	1.4019	166.91

#1	-.00611	.00189	.00038	-.00424	-.00438	.54108	.00464	.00000
#2	-.00126	.00250	-.00006	.00423	-.00547	.52591	.00455	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	3.7202	.01011	.00038	.00302	.76770	.05330	.50775
Stddev	.00004	.0151	.00023	.00001	.00008	.00307	.00041	.01522
%RSD	26.397	.40708	2.2942	1.9513	2.6258	.39988	.77319	2.9972

#1	.00017	3.7095	.00994	.00038	.00308	.76987	.05359	.51851
#2	.00012	3.7309	.01027	.00039	.00297	.76553	.05301	.49699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	-.00073	31.145	.00210	.02974	.35603	.00040	.01831
Stddev	.00034	.00042	.285	.00009	.00043	.01988	.00085	.00072
%RSD	5.3700	57.738	.91431	4.2922	1.4331	5.5836	214.54	3.9325

#1	.00650	-.00043	31.346	.00216	.03004	.37009	.00100	.01780
#2	.00602	-.00103	30.944	.00203	.02944	.34197	-.00021	.01882

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5676	2.0185	-.00246	.01128	.01693	.0236	.03396	.79584
Stddev	.0024	.0143	.00184	.00060	.00535	.0023	.00004	.01991
%RSD	.03709	.70839	74.747	5.3250	31.627	9.673	.12427	2.5015

#1	6.5693	2.0286	-.00376	.01170	.02071	.0253	.03393	.78176
#2	6.5659	2.0084	-.00116	.01085	.01314	.0220	.03399	.80992

Sample Name: J4913-10DLX2 Acquired: 9/22/2018 0:51:49 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-PIT-3MSD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0725
Stddev .2828
%RSD 9.2041

#1 2.8726
#2 3.2725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.7	102110.	9648.0	238.80	7253.8
Stddev	1.5	476.	66.4	1.73	1.9
%RSD	.03563	.46643	.68850	.72439	.02682

#1	4311.6	101770.	9601.0	237.58	7255.2
#2	4313.7	102450.	9694.9	240.02	7252.5

Sample Name: J4913-13DLX2 Acquired: 9/22/2018 0:55:54 Type: Unk
Method: P4-ICP2(v2447) 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	.00128	.00186	-.00076	.00043	-.00380	.02300	.03780	-.00008
Stddev	.00066	.00081	.00086	.00121	.00244	.00339	.00002	.00015
%RSD	51.916	43.732	114.20	280.45	64.177	14.737	.05207	194.72

#1	.00081	.00243	-.00015	-.00042	-.00553	.02540	.03781	-.00018
#2	.00174	.00128	-.00137	.00128	-.00208	.02061	.03778	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	8.7562	.01766	.00027	.02518	.02897	.01389	3.2081
Stddev	.00016	.0225	.00006	.00033	.00053	.00668	.00006	.0279
%RSD	232.00	.25723	.33149	119.59	2.1157	23.064	.41333	.86882

#1	-.00004	8.7721	.01762	.00050	.02556	.03369	.01385	3.1884
#2	.00018	8.7403	.01771	.00004	.02481	.02424	.01393	3.2278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00385	-.00024	25.298	.00038	.01077	1.8670	-.00014	.04394
Stddev	.00017	.00012	.187	.00063	.00015	.0317	.00067	.00946
%RSD	4.3614	50.021	.73728	168.33	1.4317	1.6970	488.78	21.530

#1	.00373	-.00032	25.166	.00082	.01066	1.8446	.00034	.05063
#2	.00397	-.00015	25.430	-.00007	.01088	1.8894	-.00061	.03725

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6629	3.0844	-.00061	.00687	.00407	.0029	.09646	.93331
Stddev	.0128	.0349	.00098	.00199	.00233	.0029	.00048	.28972
%RSD	.35014	1.1318	160.03	29.025	57.151	99.84	.50055	31.042

#1	3.6538	3.0597	.00008	.00828	.00572	.0050	.09681	.72845
#2	3.6719	3.1091	-.00131	.00546	.00243	.0009	.09612	1.1382

Sample Name: J4913-13DLX2 Acquired: 9/22/2018 0:55:54 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1092
Stddev	.6195
%RSD	29.373

#1	1.6711
#2	2.5472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4330.9	102810.	9692.1	243.81	7273.1
Stddev	23.3	172.	92.6	2.54	16.9
%RSD	.53708	.16712	.95514	1.0407	.23278

#1	4314.5	102930.	9757.6	245.60	7261.1
#2	4347.3	102690.	9626.6	242.01	7285.1

Sample Name: J4913-16DLX2 Acquired: 9/22/2018 0:59:59 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7471 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	.00322	-.00163	-.00137	-.00362	.08364	.07687	-.00004
Stddev	.00361	.00035	.00076	.00403	.00039	.00814	.00066	.00012
%RSD	117.31	10.883	46.678	293.98	10.777	9.7326	.86437	339.62

#1	-.00562	.00347	-.00216	.00148	-.00390	.08940	.07734	.00005
#2	-.00052	.00298	-.00109	-.00422	-.00335	.07788	.07640	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	17.656	.00525	.00025	.00993	.10594	.00496	4.5803
Stddev	.00011	.025	.00026	.00003	.00008	.00064	.00003	.0482
%RSD	362.37	.14238	4.8826	11.954	.77771	.60225	.68608	1.0529

#1	.00005	17.638	.00507	.00028	.00998	.10639	.00498	4.5462
#2	-.00011	17.673	.00543	.00023	.00988	.10549	.00493	4.6144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00535	.00000	22.877	.00080	.01847	3.8117	.00014	.05375
Stddev	.00034	.00005	.319	.00070	.00011	.0204	.00007	.00536
%RSD	6.3702	2417.2	1.3924	86.967	.61965	.53378	52.289	9.9653

#1	.00559	-.00003	23.102	.00031	.01855	3.8261	.00019	.04996
#2	.00511	.00004	22.652	.00130	.01838	3.7973	.00009	.05754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1757	3.4677	-.00162	.00956	.21460	.0034	.53052	1.1198
Stddev	.0132	.0286	.00082	.00198	.01330	.0009	.00638	.1658
%RSD	.31503	.82537	50.962	20.667	6.1986	25.72	1.2021	14.805

#1	4.1664	3.4879	-.00220	.00816	.20519	.0027	.53503	1.2370
#2	4.1850	3.4474	-.00103	.01096	.22400	.0040	.52601	1.0025

Sample Name: J4913-16DLX2 Acquired: 9/22/2018 0:59:59 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7471 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2859
Stddev .1283
%RSD 5.6103

#1 2.3766
#2 2.1952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4307.8	101990.	9737.8	241.76	7221.8
Stddev	15.2	653.	71.7	2.55	20.0
%RSD	.35369	.64035	.73681	1.0536	.27728

#1	4297.0	101530.	9687.1	239.96	7207.6
#2	4318.6	102450.	9788.5	243.56	7235.9

Sample Name: J4913-19DLX10 Acquired: 9/22/2018 1:04:02 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7471 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	.00272	.00009	-.00355	-.00378	.02979	.01838	-.00005
Stddev	.00140	.00104	.00016	.00134	.00291	.00654	.00025	.00005
%RSD	318.10	38.272	169.44	37.681	76.980	21.935	1.3490	98.578

#1	.00055	.00198	.00020	-.00261	-.00172	.02517	.01821	-.00002
#2	-.00143	.00345	-.00002	-.00450	-.00584	.03442	.01856	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	6.9804	.03215	.00017	.00098	.25239	.00672	1.1588
Stddev	.00009	.0710	.00003	.00020	.00030	.02144	.00003	.0360
%RSD	11.944	1.0171	.10019	113.25	30.907	8.4940	.38579	3.1060

#1	.00082	6.9302	.03213	.00003	.00077	.23723	.00673	1.1333
#2	.00069	7.0306	.03217	.00031	.00119	.26755	.00670	1.1842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01822	.00012	27.482	.00036	.01247	.53660	.00105	.00717
Stddev	.00063	.00002	.139	.00021	.00023	.01005	.00024	.00642
%RSD	3.4495	17.334	.50613	58.485	1.8823	1.8721	23.225	89.559

#1	.01867	.00013	27.580	.00021	.01264	.54371	.00088	.01171
#2	.01778	.00011	27.384	.00051	.01231	.52950	.00122	.00263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0046	.28047	-.00035	.00620	.00695	.0034	.06420	.80851
Stddev	.0061	.00622	.00088	.00096	.00042	.0003	.00032	.26496
%RSD	.61161	2.2187	249.13	15.471	5.9974	9.018	.49283	32.771

#1	1.0090	.28487	.00027	.00688	.00665	.0031	.06398	.99586
#2	1.0003	.27607	-.00098	.00553	.00724	.0036	.06443	.62116

Sample Name: J4913-19DLX10 Acquired: 9/22/2018 1:04:02 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7471 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0123
 Stddev .2214
 %RSD 11.003

#1 2.1688
 #2 1.8557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4280.0	102200.	9530.7	239.52	7150.1
Stddev	17.5	703.	34.5	2.23	19.9
%RSD	.40871	.68816	.36220	.93258	.27858

#1	4267.6	101700.	9506.3	237.94	7136.0
#2	4292.3	102700.	9555.1	241.10	7164.2

Sample Name: J4913-20DLX5 Acquired: 9/22/2018 1:08:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13859 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00418	.00458	-.00040	-.00082	-.00422	.56099	.02966	.00004
Stddev	.00039	.00065	.00085	.00124	.00171	.00525	.00067	.00006
%RSD	9.2415	14.186	214.70	151.08	40.635	.93559	2.2738	164.50

#1	-.00391	.00412	.00021	-.00169	-.00543	.56470	.02919	-.00001
#2	-.00445	.00504	-.00100	.00006	-.00301	.55727	.03014	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	3.7870	.00816	.00036	.00129	.49737	.06015	1.0554
Stddev	.00009	.0006	.00012	.00004	.00020	.00232	.00065	.0307
%RSD	59.371	.01629	1.4522	10.557	15.582	.46667	1.0732	2.9045

#1	.00022	3.7866	.00807	.00033	.00115	.49901	.05969	1.0771
#2	.00009	3.7875	.00824	.00039	.00143	.49573	.06060	1.0338

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00830	-.00041	21.078	.00124	.01821	.29642	.00075	.01115
Stddev	.00009	.00092	.028	.00066	.00032	.06648	.00006	.00420
%RSD	1.1066	223.22	.13400	53.096	1.7400	22.428	8.0722	37.665

#1	.00836	-.00107	21.058	.00170	.01799	.24941	.00071	.00818
#2	.00823	.00024	21.098	.00077	.01844	.34342	.00079	.01412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5850	.74123	-.00154	.01255	.00056	.0242	.03004	.82980
Stddev	.0092	.00435	.00019	.00201	.00942	.0004	.00012	.12163
%RSD	.58240	.58707	12.403	15.980	1683.8	1.515	.39057	14.657

#1	1.5785	.74431	-.00140	.01397	-.00610	.0240	.03013	.91580
#2	1.5916	.73815	-.00167	.01113	.00722	.0245	.02996	.74380

Sample Name: J4913-20DLX5 Acquired: 9/22/2018 1:08:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV13859 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6665
Stddev	.1961
%RSD	7.3544

#1	2.8051
#2	2.5278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4366.0	102720.	9602.0	239.70	7320.3
Stddev	.6	299.	54.1	2.52	10.9
%RSD	.01378	.29108	.56380	1.0534	.14847

#1	4366.5	102930.	9563.8	241.48	7312.6
#2	4365.6	102510.	9640.3	237.91	7327.9

Sample Name: J4926-03DLX5 Acquired: 9/22/2018 1:12:14 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13859 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	.00132	-.00010	.00228	-.00552	.01307	.03661	-.00004
Stddev	.00379	.00269	.00043	.00497	.00065	.01299	.00063	.00001
%RSD	1266.6	203.12	443.32	218.64	11.755	99.410	1.7103	33.144

#1	-.00298	.00323	-.00040	.00579	-.00598	.00388	.03706	-.00003
#2	.00238	-.00058	.00021	-.00124	-.00507	.02225	.03617	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02943	12.196	.00330	-.00015	.00251	-.00370	.00041	2.2820
Stddev	.00011	.003	.00017	.00006	.00025	.00996	.00005	.0001
%RSD	.37299	.02274	5.1765	40.035	9.9595	269.00	11.769	.00573

#1	.02936	12.194	.00318	-.00011	.00234	-.01075	.00038	2.2819
#2	.02951	12.198	.00342	-.00020	.00269	.00334	.00044	2.2821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	-.00028	33.911	.00090	.01966	1.0704	-.00025	.01899
Stddev	.00040	.00089	.160	.00054	.00005	.0351	.00009	.00278
%RSD	24.967	324.19	.47047	59.618	.24154	3.2831	37.852	14.625

#1	.00133	-.00091	34.024	.00052	.01970	1.0456	-.00018	.01703
#2	.00190	.00036	33.798	.00128	.01963	1.0953	-.00031	.02096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6128	1.1025	-.00161	.00609	.00140	.0001	.08929	.70893
Stddev	.0007	.0040	.00018	.00078	.01304	.0017	.00034	.26817
%RSD	.04093	.36729	11.347	12.827	930.74	1688.	.37709	37.828

#1	1.6133	1.0997	-.00174	.00554	-.00782	-.0011	.08953	.89856
#2	1.6124	1.1054	-.00148	.00664	.01062	.0013	.08905	.51930

Sample Name: J4926-03DLX5 Acquired: 9/22/2018 1:12:14 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB13859 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6288
Stddev .3011
%RSD 11.454

#1 2.8418
#2 2.4159

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4355.4	102920.	9636.1	241.03	7254.6
Stddev	8.7	294.	25.8	1.06	17.4
%RSD	.19879	.28615	.26777	.44022	.24016

#1	4349.3	102710.	9617.8	240.28	7242.3
#2	4361.5	103120.	9654.3	241.78	7266.9

Sample Name: J4926-05DLX2 Acquired: 9/22/2018 1:16:19 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.05856	.00126	-.00006	.00357	-.00365	.78334	.00570	-.00009
Stddev	.00240	.00095	.00159	.00074	.00082	.00951	.00019	.00008
%RSD	4.1039	75.021	2556.6	20.670	22.489	1.2146	3.3308	97.979

#1	.05686	.00194	.00106	.00305	-.00307	.79007	.00557	-.00014
#2	.06026	.00059	-.00119	.00409	-.00423	.77662	.00583	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	1.1412	.00084	.00030	.00529	.36651	.00183	.05124
Stddev	.00005	.0350	.00002	.00012	.00012	.01079	.00009	.00442
%RSD	50.881	3.0660	2.3136	41.440	2.1985	2.9447	4.8918	8.6329

#1	.00006	1.1659	.00085	.00038	.00537	.37414	.00189	.04812
#2	.00012	1.1165	.00083	.00021	.00521	.35888	.00177	.05437

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	-.00027	38.355	.01759	.01079	.27548	.01034	.07137
Stddev	.00001	.00005	.248	.00042	.00010	.02155	.00030	.01039
%RSD	.23359	18.915	.64697	2.3814	.95624	7.8240	2.8852	14.554

#1	.00434	-.00031	38.180	.01788	.01071	.26024	.01013	.06403
#2	.00436	-.00023	38.531	.01729	.01086	.29072	.01055	.07872

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9626	2.0424	-.00071	.01614	.01387	.3254	.02833	.85497
Stddev	.0058	.0183	.00050	.00033	.01119	.0015	.00027	.01533
%RSD	.19490	.89473	70.029	2.0538	80.653	.4747	.94025	1.7928

#1	2.9585	2.0294	-.00036	.01638	.00596	.3265	.02852	.84413
#2	2.9667	2.0553	-.00107	.01591	.02178	.3243	.02814	.86581

Sample Name: J4926-05DLX2 Acquired: 9/22/2018 1:16:19 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6224
 Stddev .4923
 %RSD 18.774

#1 2.9706
 #2 2.2743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4304.8	102100.	9611.1	240.24	7197.0
Stddev	6.7	275.	28.7	1.46	15.5
%RSD	.15582	.26967	.29886	.60599	.21480

#1	4300.1	101900.	9631.4	241.27	7186.0
#2	4309.6	102290.	9590.8	239.21	7207.9

Sample Name: CCV15 Acquired: 9/22/2018 1:20:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.7795	4.8123	4.6233	4.8224	4.8780	10.178	9.5546	.23595
Stddev	.0087	.0023	.0021	.0147	.0060	.110	.0969	.00141
%RSD	.18180	.04862	.04615	.30495	.12327	1.0811	1.0142	.59694

#1	4.7857	4.8140	4.6218	4.8328	4.8823	10.100	9.6231	.23496
#2	4.7734	4.8107	4.6248	4.8120	4.8738	10.256	9.4861	.23695

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3450	23.068	.97674	2.3305	1.2191	4.7528	2.3806	22.725
Stddev	.0031	.002	.00555	.0013	.0026	.0438	.0053	.111
%RSD	.13097	.00972	.56810	.05408	.20916	.92061	.22187	.48871

#1	2.3428	23.066	.97282	2.3296	1.2173	4.7219	2.3768	22.646
#2	2.3472	23.070	.98066	2.3314	1.2209	4.7838	2.3843	22.804

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3389	1.1842	22.808	2.3892	2.3531	23.356	4.8115	4.6125
Stddev	.0037	.0005	.174	.0077	.0107	.136	.0026	.0228
%RSD	.15714	.04160	.76481	.32169	.45417	.58018	.05384	.49438

#1	2.3363	1.1845	22.931	2.3838	2.3456	23.452	4.8133	4.5964
#2	2.3415	1.1838	22.685	2.3947	2.3607	23.260	4.8096	4.6287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6952	F 4.4257	4.5889	4.7187	F 4.4463	4.823	4.7409	F 1.3199
Stddev	.0067	.0314	.0075	.0004	.0347	.023	.0428	.0855
%RSD	.14274	.71039	.16367	.00959	.77976	.4803	.90263	6.4804

#1	4.6999	4.4479	4.5836	4.7184	4.4218	4.839	4.7711	1.3804
#2	4.6905	4.4035	4.5942	4.7190	4.4708	4.806	4.7106	1.2594

Sample Name: CCV15 Acquired: 9/22/2018 1:20:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9140
Stddev .1044
%RSD 2.6674

#1 3.8401
#2 3.9878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4330.3	101800.	9726.8	237.48	6957.6
Stddev	8.0	118.	38.1	1.07	6.7
%RSD	.18587	.11547	.39146	.45015	.09578

#1	4324.7	101890.	9699.9	238.24	6952.8
#2	4336.0	101720.	9753.7	236.73	6962.3

Sample Name: CCB15 Acquired: 9/22/2018 1:24:13 Type: Unk
 Method: P4-ICP2(v2447) 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	-.00077	.00361	-.00058	-.00028	-.00355	.00773	.00136
Stddev	.00370	.00104	.00074	.00065	.00114	.01136	.00019
%RSD	481.29	28.917	127.78	229.00	32.007	146.85	13.988

#1	.00185	.00435	-.00006	.00018	-.00436	.01577	.00122
#2	-.00338	.00287	-.00110	-.00074	-.00275	-.00030	.00149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00013	.02218	.00009	-.00029	.00021	.00473
Stddev	.00010	.00014	.01539	.00095	.00009	.00056	.01610
%RSD	125.12	108.03	69.392	1040.8	30.349	261.24	340.48

#1	-.00015	.00003	.01129	.00076	-.00035	.00061	.01611
#2	-.00001	.00024	.03306	-.00058	-.00023	-.00018	-.00665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.02808	.00211	-.00045	-.17469	.00079	.00171
Stddev	.00000	.06472	.00015	.00057	.00034	.00033	.00008
%RSD	.26026	230.46	6.9190	128.31	.19442	41.621	4.8928

#1	.00019	-.01768	.00222	-.00004	-.17493	.00102	.00165
#2	.00019	.07385	.00201	-.00085	-.17445	.00056	.00177

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18226	.00040	.00621	-.00387	-.00609	.00039	.00606
Stddev	.04246	.00015	.01563	.00726	.00448	.00054	.00206
%RSD	23.294	37.149	251.75	187.50	73.558	139.22	34.046

#1	-.21228	.00051	-.00484	-.00901	-.00926	.00078	.00752
#2	-.15224	.00030	.01726	.00126	-.00292	.00001	.00460

Sample Name: CCB15 Acquired: 9/22/2018 1:24:13 Type: Unk
 Method: P4-ICP2(v2447) 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 -.01163	.0014	.00004	F .10340	F 2.3023
Stddev	.00319	.0003	.00010	.31649	.2496
%RSD	27.410	23.10	233.99	306.10	10.841

#1	-.01388	.0012	-.00003	.32719	2.4788
#2	-.00938	.0016	.00012	-.12040	2.1258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4443.6	104970.	9665.4	243.99	7639.9
Stddev	8.1	354.	14.1	2.99	11.3
%RSD	.18279	.33719	.14618	1.2251	.14842

#1	4437.9	104720.	9655.4	241.87	7631.9
#2	4449.4	105220.	9675.4	246.10	7647.9

Sample Name: J4926-06DLX2 Acquired: 9/22/2018 1:28:19 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00200	.00170	.00075	.00468	-.00424	.00499	.02782	-.00014
Stddev	.00131	.00091	.00197	.00344	.00069	.00073	.00013	.00009
%RSD	65.620	53.549	262.51	73.378	16.393	14.693	.48222	62.858

#1	.00107	.00106	-.00064	.00711	-.00375	.00447	.02791	-.00008
#2	.00292	.00234	.00214	.00225	-.00473	.00550	.02772	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	12.489	.00009	-.00010	.00051	-.00316	.00167	4.1896
Stddev	.00024	.057	.00037	.00018	.00020	.00240	.00009	.1489
%RSD	968.72	.45396	432.45	186.85	39.479	75.870	5.3451	3.5542

#1	.00020	12.529	-.00018	.00003	.00037	-.00486	.00174	4.0843
#2	-.00015	12.449	.00035	-.00023	.00065	-.00147	.00161	4.2948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	-.00011	32.342	.00065	.00995	1.1169	.00074	.04981
Stddev	.00046	.00077	.059	.00041	.00001	.0063	.00026	.00444
%RSD	17.366	700.76	.18200	63.354	.05689	.56710	35.353	8.9153

#1	.00232	.00043	32.383	.00036	.00995	1.1124	.00092	.04667
#2	.00296	-.00065	32.300	.00094	.00994	1.1214	.00055	.05295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7723	3.9791	-.00078	.00598	.00516	.0050	.09306	1.3427
Stddev	.0053	.0325	.00064	.00024	.00268	.0000	.00033	.0003
%RSD	.19071	.81681	82.151	3.9698	51.892	.1324	.35323	.02513

#1	2.7686	3.9561	-.00123	.00615	.00706	.0050	.09283	1.3425
#2	2.7760	4.0021	-.00033	.00582	.00327	.0050	.09330	1.3429

Sample Name: J4926-06DLX2 Acquired: 9/22/2018 1:28:19 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6522
Stddev .5253
%RSD 19.808

#1 2.2807
#2 3.0237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4296.7	101620.	9527.9	240.19	7188.0
Stddev	17.6	63.	25.4	.58	27.0
%RSD	.40853	.06211	.26608	.24263	.37538

#1	4284.3	101670.	9510.0	239.78	7169.0
#2	4309.2	101580.	9545.8	240.60	7207.1

Sample Name: J4926-08DLX2 Acquired: 9/22/2018 1:32:24 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00208	.00231	-.00202	-.00058	-.00393	.17954	.01654	-.00000
Stddev	.00233	.00046	.00152	.00125	.00120	.00181	.00011	.00011
%RSD	111.83	19.773	75.119	217.39	30.440	1.0084	.69065	2728.3

#1	-.00044	.00263	-.00095	.00031	-.00308	.18082	.01646	-.00008
#2	-.00373	.00199	-.00310	-.00146	-.00477	.17826	.01662	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	5.7846	.00067	.00062	.00842	.73613	.13051	1.2932
Stddev	.00001	.0213	.00014	.00028	.00109	.01287	.00047	.0527
%RSD	7.1049	.36834	21.346	44.421	12.922	1.7477	.36213	4.0773

#1	.00012	5.7695	.00057	.00043	.00765	.72704	.13084	1.3304
#2	.00013	5.7996	.00077	.00082	.00919	.74523	.13017	1.2559

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00263	.00010	40.417	-.00030	.01743	.76273	.00016	.02002
Stddev	.00093	.00030	.213	.00028	.00014	.05403	.00051	.00539
%RSD	35.495	300.69	.52820	93.872	.82892	7.0843	308.12	26.917

#1	.00329	.00031	40.568	-.00050	.01732	.80093	-.00019	.02384
#2	.00197	-.00011	40.266	-.00010	.01753	.72452	.00052	.01621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7190	2.0603	-.00187	.00579	.00488	.0013	.04600	1.0262
Stddev	.0112	.0257	.00036	.00162	.01163	.0056	.00015	.0160
%RSD	.23651	1.2479	19.053	27.900	238.20	427.8	.33416	1.5644

#1	4.7111	2.0785	-.00213	.00465	.01310	.0052	.04589	1.0148
#2	4.7269	2.0421	-.00162	.00693	-.00334	-.0026	.04611	1.0375

Sample Name: J4926-08DLX2 Acquired: 9/22/2018 1:32:24 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5062
Stddev .3419
%RSD 13.643

#1 2.2644
#2 2.7479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4292.7	101440.	9588.5	239.81	7178.7
Stddev	.8	45.	65.1	1.78	16.4
%RSD	.01757	.04468	.67943	.74060	.22869

#1	4293.3	101410.	9542.5	238.55	7167.1
#2	4292.2	101480.	9634.6	241.06	7190.3

Sample Name: J4926-09DLX2 Acquired: 9/22/2018 1:36:28 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00328	.00412	-.00131	-.00168	-.00368	.02529	.00369	-.00011
Stddev	.00354	.00074	.00195	.00243	.00011	.00783	.00027	.00002
%RSD	108.18	17.939	149.13	144.52	3.0684	30.964	7.2645	19.299

#1	-.00578	.00465	-.00269	.00004	-.00376	.03083	.00350	-.00009
#2	-.00077	.00360	.00007	-.00340	-.00360	.01975	.00388	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	3.6034	.01015	-.00045	.01101	.03322	.00235	.50250
Stddev	.00005	.0125	.00053	.00000	.00033	.01064	.00002	.02198
%RSD	51.898	.34804	5.1782	.54603	3.0195	32.044	.98311	4.3744

#1	.00012	3.5946	.01052	-.00045	.01125	.04074	.00233	.51804
#2	.00006	3.6123	.00978	-.00045	.01077	.02569	.00236	.48695

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00580	-.00004	32.035	.00110	.01362	.38656	.00135	.00170
Stddev	.00053	.00017	.250	.00055	.00028	.03740	.00042	.00703
%RSD	9.2076	388.98	.78043	50.100	2.0235	9.6750	30.759	414.85

#1	.00542	.00008	32.212	.00071	.01382	.41301	.00106	-.00328
#2	.00618	-.00017	31.858	.00149	.01343	.36012	.00165	.00667

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7814	1.6946	-.00304	.00484	.00407	.0055	.03278	.94816
Stddev	.0349	.0214	.00149	.00094	.00606	.0009	.00007	.08451
%RSD	.51441	1.2632	49.021	19.404	148.92	16.54	.21140	8.9134

#1	6.7567	1.7097	-.00199	.00550	-.00022	.0061	.03273	1.0079
#2	6.8061	1.6795	-.00410	.00417	.00836	.0049	.03282	.88840

Sample Name: J4926-09DLX2 Acquired: 9/22/2018 1:36:28 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1920
Stddev .1955
%RSD 8.9204

#1 2.0538
#2 2.3303

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4319.3	101800.	9680.5	242.25	7272.7
Stddev	2.2	263.	118.7	4.89	12.1
%RSD	.05004	.25801	1.2263	2.0171	.16577

#1	4320.9	101620.	9596.5	238.80	7264.2
#2	4317.8	101990.	9764.4	245.71	7281.3

Sample Name: J4926-12DLX2 Acquired: 9/22/2018 1:40:33 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00072	.00078	-.00071	.00502	-.00353	.02284	.03711	-.00011
Stddev	.00002	.00027	.00056	.00055	.00022	.00345	.00063	.00010
%RSD	3.4772	34.009	78.899	10.986	6.2805	15.093	1.7055	93.240

#1	.00070	.00059	-.00111	.00463	-.00337	.02041	.03666	-.00018
#2	.00073	.00097	-.00031	.00540	-.00368	.02528	.03756	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	8.7591	.02336	.00043	.01669	.01168	.01076	3.1851
Stddev	.00002	.0560	.00056	.00016	.00047	.01031	.00005	.0157
%RSD	150.10	.63915	2.4006	37.902	2.8454	88.257	.50701	.49211

#1	.00002	8.7195	.02375	.00054	.01635	.00439	.01080	3.1962
#2	-.00000	8.7987	.02296	.00031	.01703	.01897	.01072	3.1740

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00705	-.00009	25.120	.00088	.01404	1.8381	.00088	.04249
Stddev	.00009	.00063	.085	.00051	.00007	.0252	.00040	.00216
%RSD	1.2825	706.76	.33979	57.316	.47979	1.3722	45.888	5.0856

#1	.00698	.00036	25.181	.00052	.01409	1.8202	.00117	.04402
#2	.00711	-.00054	25.060	.00124	.01399	1.8559	.00060	.04096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6588	3.0143	-.00056	.00387	-.01381	.0019	.09559	1.1147
Stddev	.0234	.0190	.00000	.00174	.00697	.0023	.00052	.0754
%RSD	.64103	.63043	.69614	44.980	50.454	118.2	.53934	6.7625

#1	3.6422	3.0277	-.00056	.00511	-.01873	.0035	.09523	1.0614
#2	3.6754	3.0008	-.00056	.00264	-.00888	.0003	.09596	1.1680

Sample Name: J4926-12DLX2 Acquired: 9/22/2018 1:40:33 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6572
 Stddev .8119
 %RSD 30.555

#1 2.0831
 #2 3.2314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.0	101980.	9758.6	242.51	7265.2
Stddev	18.6	483.	51.6	1.63	28.1
%RSD	.43239	.47323	.52911	.67412	.38679

#1	4298.8	102320.	9722.1	241.35	7245.3
#2	4325.2	101640.	9795.1	243.66	7285.0

Sample Name: J4926-17DLX10 Acquired: 9/22/2018 1:44:38 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00193	-.00144	.00189	-.00348	.00561	.01654	-.00006
Stddev	.00112	.00424	.00186	.00120	.00024	.00352	.00018	.00002
%RSD	55.671	219.20	129.35	63.376	6.8303	62.674	1.0632	27.537

#1	.00122	-.00106	-.00275	.00105	-.00332	.00810	.01642	-.00005
#2	.00281	.00493	-.00012	.00274	-.00365	.00313	.01667	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	6.4667	.14049	.00159	.00778	.59535	.01561	1.1032
Stddev	.00003	.0139	.00012	.00004	.00065	.00831	.00007	.0770
%RSD	64.824	.21514	.08587	2.6716	8.4154	1.3954	.42592	6.9831

#1	.00006	6.4765	.14040	.00162	.00732	.60123	.01556	1.1576
#2	.00002	6.4568	.14057	.00156	.00824	.58948	.01566	1.0487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08094	.00046	26.274	.00112	.00503	.48575	.01643	.01413
Stddev	.00002	.00066	.129	.00029	.00014	.03584	.00014	.00630
%RSD	.02332	143.33	.49104	26.164	2.7658	7.3787	.87759	44.566

#1	.08092	-.00001	26.365	.00132	.00494	.46040	.01633	.00968
#2	.08095	.00093	26.183	.00091	.00513	.51109	.01654	.01858

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92551	.23864	.00061	.00525	.00458	.0000	.05430	.55491
Stddev	.00506	.00112	.00082	.00182	.01601	.0008	.00003	.12501
%RSD	.54701	.46796	133.87	34.600	349.91	2238.	.05935	22.528

#1	.92909	.23785	.00119	.00653	-.00675	-.0006	.05432	.64330
#2	.92193	.23943	.00003	.00396	.01590	.0006	.05427	.46651

Sample Name: J4926-17DLX10 Acquired: 9/22/2018 1:44:38 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4190
 Stddev .4237
 %RSD 17.517

#1 2.7186
 #2 2.1194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4373.7	103840.	9789.6	243.08	7323.8
Stddev	1.9	368.	60.2	.00	6.8
%RSD	.04298	.35442	.61538	.00170	.09303

#1	4372.4	103580.	9747.0	243.07	7319.0
#2	4375.1	104100.	9832.2	243.08	7328.7

Sample Name: J4926-18DLX5 Acquired: 9/22/2018 1:48:45 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00003	.00300	-.00184	-.00007	-.00524	.30727	.02756	.00018
Stddev	.00087	.00139	.00066	.00013	.00236	.00166	.00011	.00016
%RSD	2651.6	46.244	36.063	186.13	45.079	.54146	.38363	91.291

#1	.00058	.00397	-.00137	.00002	-.00691	.30845	.02763	.00006
#2	-.00065	.00202	-.00231	-.00016	-.00357	.30609	.02748	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	3.4924	.09452	.00163	.00737	.39303	.04919	.94468
Stddev	.00013	.0273	.00140	.00023	.00021	.00458	.00039	.00075
%RSD	138.44	.78035	1.4809	14.264	2.8142	1.1661	.79744	.07934

#1	.00019	3.4732	.09353	.00147	.00752	.39628	.04891	.94415
#2	.00000	3.5117	.09551	.00180	.00722	.38979	.04947	.94521

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05708	-.00006	19.646	.00172	.01589	.23276	.01114	.02112
Stddev	.00014	.00064	.011	.00075	.00002	.01721	.00006	.00349
%RSD	.24947	1099.7	.05749	43.467	.12404	7.3952	.56920	16.501

#1	.05718	-.00051	19.638	.00119	.01587	.24493	.01110	.02358
#2	.05698	.00040	19.654	.00225	.01590	.22059	.01119	.01866

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3767	.57356	-.00155	.00395	-.00539	.0059	.02666	.52913
Stddev	.0010	.00406	.00074	.00240	.00630	.0004	.00018	.27577
%RSD	.07642	.70703	47.407	60.694	117.04	7.200	.69063	52.116

#1	1.3774	.57069	-.00103	.00225	-.00984	.0056	.02653	.72413
#2	1.3759	.57642	-.00207	.00565	-.00093	.0062	.02679	.33414

Sample Name: J4926-18DLX5 Acquired: 9/22/2018 1:48:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2445
Stddev .4385
%RSD 19.537

#1 2.5545
#2 1.9344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.4	103980.	9757.5	241.34	7381.1
Stddev	9.0	77.	14.8	.14	20.6
%RSD	.20577	.07396	.15160	.05638	.27905

#1	4379.1	104030.	9767.9	241.25	7366.6
#2	4391.8	103920.	9747.0	241.44	7395.7

Sample Name: J4958-04DLX10 Acquired: 9/22/2018 1:52:51 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00357	.00338	.00024	-.00192	-.00449	.00752	.03400	-.00002
Stddev	.00224	.00066	.00049	.00304	.00198	.01048	.00066	.00002
%RSD	62.730	19.412	207.97	158.32	44.089	139.28	1.9507	110.24

#1	-.00515	.00385	-.00011	.00023	-.00309	.01493	.03353	-.00000
#2	-.00199	.00292	.00058	-.00406	-.00589	.00011	.03446	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	11.580	.01671	-.00012	.00193	.06652	.00218	2.3852
Stddev	.00010	.017	.00026	.00010	.00020	.00571	.00000	.0168
%RSD	65.087	.14283	1.5636	82.287	10.505	8.5895	.01433	.70318

#1	.00009	11.569	.01690	-.00005	.00207	.07056	.00218	2.3733
#2	.00024	11.592	.01653	-.00019	.00178	.06248	.00218	2.3970

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01071	-.00045	20.085	.00057	.00413	1.7601	.00187	.01641
Stddev	.00025	.00001	.037	.00040	.00009	.0195	.00029	.02097
%RSD	2.2981	2.7072	.18561	69.473	2.2503	1.1070	15.684	127.83

#1	.01088	-.00046	20.059	.00029	.00419	1.7739	.00207	.00158
#2	.01053	-.00045	20.111	.00086	.00406	1.7463	.00166	.03123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1626	.41058	-.00112	.00491	-.01045	.0029	.09314	.65129
Stddev	.0060	.00983	.00062	.00143	.00584	.0005	.00016	.30004
%RSD	.51586	2.3947	55.522	29.186	55.902	17.96	.16649	46.068

#1	1.1669	.41753	-.00068	.00592	-.01458	.0025	.09303	.43913
#2	1.1584	.40363	-.00156	.00390	-.00632	.0032	.09325	.86345

Sample Name: J4958-04DLX10 Acquired: 9/22/2018 1:52:51 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1048
Stddev .5798
%RSD 27.548

#1 1.6948
#2 2.5148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4357.7	103070.	9659.0	240.63	7315.1
Stddev	8.4	192.	29.0	3.41	12.4
%RSD	.19176	.18586	.30036	1.4156	.16904

#1	4351.8	103210.	9638.5	243.04	7306.4
#2	4363.6	102940.	9679.5	238.22	7323.9

Sample Name: J4958-12DLX10 Acquired: 9/22/2018 1:56:57 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00030	.00302	-.00159	-.00188	-.00440	.12298	.02520	.00006
Stddev	.00306	.00172	.00207	.00391	.00230	.00432	.00057	.00001
%RSD	1029.9	56.995	129.78	207.71	52.199	3.5144	2.2701	15.581

#1	-.00187	.00180	-.00013	.00088	-.00602	.11992	.02479	.00006
#2	.00246	.00424	-.00306	-.00464	-.00278	.12604	.02560	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.9019	.01664	.00372	.00314	.52751	.13825	1.3201
Stddev	.00011	.0282	.00011	.00017	.00025	.01332	.00162	.0684
%RSD	96.366	.31716	.63466	4.4584	8.0590	2.5250	1.1710	5.1852

#1	.00004	8.8819	.01671	.00361	.00296	.51809	.13711	1.2717
#2	.00020	8.9218	.01656	.00384	.00332	.53693	.13940	1.3685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01107	.00020	14.200	.00082	.00881	.49275	.00209	.00646
Stddev	.00022	.00055	.146	.00018	.00009	.00522	.00029	.01153
%RSD	1.9588	278.97	1.0278	22.190	1.0060	1.0603	13.955	178.36

#1	.01092	-.00019	14.303	.00069	.00887	.49645	.00189	.01462
#2	.01123	.00059	14.097	.00095	.00875	.48906	.00230	-.00169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2807	.54285	-.00106	.00582	.00508	.0239	.07438	.20244
Stddev	.0107	.00221	.00074	.00010	.00423	.0022	.00017	.42649
%RSD	.83471	.40798	69.323	1.6696	83.319	9.369	.23262	210.68

#1	1.2883	.54442	-.00159	.00589	.00209	.0223	.07450	.50401
#2	1.2731	.54129	-.00054	.00575	.00807	.0255	.07426	-.09914

Sample Name: J4958-12DLX10 Acquired: 9/22/2018 1:56:57 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5395
Stddev .0862
%RSD 3.3964

#1 2.4785
#2 2.6005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4388.4	103570.	9699.1	240.21	7395.6
Stddev	7.3	531.	139.5	2.70	8.8
%RSD	.16538	.51309	1.4384	1.1239	.11894

#1	4383.3	103200.	9600.5	238.30	7389.4
#2	4393.6	103950.	9797.8	242.12	7401.8

Sample Name: J4958-13DLX2 Acquired: 9/22/2018 2:01:02 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00284	-.00157	.00177	-.00495	.56376	.01470	-.00012
Stddev	.00166	.00174	.00051	.00245	.00105	.04506	.00031	.00008
%RSD	156.10	61.015	32.685	138.40	21.184	7.9929	2.1419	68.423

#1	.00224	.00162	-.00193	.00351	-.00569	.53189	.01492	-.00006
#2	-.00011	.00407	-.00121	.00004	-.00421	.59562	.01448	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.0481	.02563	.00009	.00915	.28066	.00372	1.5564
Stddev	.00005	.0414	.00097	.00020	.00022	.00346	.00002	.0331
%RSD	336.58	.82026	3.7875	215.24	2.3559	1.2319	.55705	2.1249

#1	.00005	5.0188	.02632	.00023	.00900	.28310	.00371	1.5330
#2	-.00002	5.0774	.02495	-.00005	.00930	.27821	.00373	1.5798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01405	-.00012	32.583	.00131	.01115	.84951	.00118	.02558
Stddev	.00052	.00047	.129	.00025	.00004	.03765	.00001	.00135
%RSD	3.6739	403.24	.39507	19.085	.39380	4.4315	.70153	5.2850

#1	.01368	-.00045	32.674	.00113	.01112	.82289	.00119	.02462
#2	.01441	.00022	32.492	.00148	.01118	.87613	.00117	.02653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7724	1.6638	-.00024	.01897	-.00288	.0040	.03081	1.0846
Stddev	.0050	.0068	.00082	.00403	.00663	.0032	.00013	.2070
%RSD	.18087	.40925	338.13	21.270	230.32	78.99	.42008	19.081

#1	2.7688	1.6686	-.00083	.01611	-.00757	.0063	.03090	1.2309
#2	2.7759	1.6590	.00034	.02182	.00181	.0018	.03072	.93822

Sample Name: J4958-13DLX2 Acquired: 9/22/2018 2:01:02 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6689
Stddev .6094
%RSD 22.833

#1 3.0998
#2 2.2380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4347.5	102570.	9704.7	237.89	7283.7
Stddev	2.8	378.	71.9	1.45	10.5
%RSD	.06329	.36820	.74053	.60810	.14401

#1	4345.5	102300.	9653.9	236.87	7276.3
#2	4349.4	102840.	9755.5	238.92	7291.1

Sample Name: J4958-14DLX10 Acquired: 9/22/2018 2:05:08 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00124	-.00050	-.00615	-.00349	-.00539	.22418	.01355	.00006
Stddev	.00410	.00010	.00126	.00048	.00090	.01039	.00010	.00007
%RSD	329.57	19.837	20.459	13.721	16.777	4.6326	.73687	122.73

#1	-.00166	-.00057	-.00704	-.00315	-.00603	.21683	.01362	.00011
#2	.00415	-.00043	-.00526	-.00383	-.00475	.23152	.01348	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	14.108	.03395	.00408	.00576	8.0139	.12172	1.8481
Stddev	.00008	.032	.00008	.00006	.00036	.0996	.00013	.0577
%RSD	14.622	.22592	.22110	1.4131	6.3333	1.2429	.10465	3.1200

#1	.00050	14.085	.03390	.00412	.00550	8.0843	.12163	1.8074
#2	.00062	14.130	.03400	.00404	.00602	7.9434	.12181	1.8889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02190	-.00015	12.619	.00104	.01614	.83309	.00368	.01794
Stddev	.00024	.00049	.015	.00016	.00019	.00805	.00002	.00146
%RSD	1.0915	322.98	.11541	15.134	1.1792	.96685	.58463	8.1200

#1	.02207	.00019	12.609	.00115	.01628	.83878	.00366	.01691
#2	.02173	-.00050	12.629	.00093	.01601	.82739	.00369	.01897

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3582	1.1309	-.00243	.00411	-.00339	.0092	.08781	.46462
Stddev	.0092	.0089	.00118	.00427	.00713	.0021	.00016	.05264
%RSD	.10984	.78876	48.498	103.81	210.02	22.96	.18475	11.329

#1	8.3647	1.1246	-.00160	.00109	.00165	.0077	.08793	.42740
#2	8.3517	1.1372	-.00327	.00713	-.00843	.0107	.08770	.50184

Sample Name: J4958-14DLX10 Acquired: 9/22/2018 2:05:08 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.6998
Stddev	.1408
%RSD	2.9961

#1	4.6002
#2	4.7994

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4352.1	103160.	9731.9	240.40	7338.0
Stddev	17.3	294.	20.0	1.80	15.8
%RSD	.39818	.28523	.20588	.74693	.21585

#1	4339.8	102960.	9746.1	239.13	7326.8
#2	4364.3	103370.	9717.7	241.66	7349.2

Sample Name: CCV16 Acquired: 9/22/2018 2:09:12 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.7712	4.8156	4.6397	4.8412	4.8904	10.170	9.5575	.23611
Stddev	.0087	.0103	.0189	.0041	.0009	.183	.1650	.00034
%RSD	.18207	.21407	.40650	.08402	.01792	1.8030	1.7265	.14282

#1	4.7773	4.8229	4.6264	4.8384	4.8898	10.040	9.6742	.23587
#2	4.7651	4.8083	4.6531	4.8441	4.8910	10.300	9.4408	.23634

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3521	23.128	.98129	2.3387	1.2243	4.8588	2.3790	22.785
Stddev	.0062	.095	.00054	.0056	.0006	.0178	.0046	.209
%RSD	.26354	.40987	.05461	.23804	.04507	.36629	.19248	.91643

#1	2.3477	23.195	.98166	2.3348	1.2239	4.8714	2.3757	22.932
#2	2.3564	23.061	.98091	2.3426	1.2247	4.8462	2.3822	22.637

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3481	1.1935	22.904	2.3963	2.3581	23.260	4.8290	4.5946
Stddev	.0036	.0018	.422	.0010	.0380	.417	.0057	.0317
%RSD	.15373	.14758	1.8423	.04363	1.6131	1.7920	.11810	.68908

#1	2.3455	1.1947	23.202	2.3955	2.3850	23.555	4.8250	4.6170
#2	2.3506	1.1922	22.605	2.3970	2.3312	22.965	4.8330	4.5722

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6870	F 4.4427	4.5871	4.7586	F 4.4357	4.816	4.7470	F 1.1285
Stddev	.0169	.1188	.0126	.0370	.0038	.007	.0814	.0942
%RSD	.36085	2.6731	.27494	.77718	.08564	.1472	1.7150	8.3464

#1	4.6751	4.5267	4.5781	4.7847	4.4384	4.811	4.8045	1.1951
#2	4.6990	4.3587	4.5960	4.7324	4.4330	4.821	4.6894	1.0619

Sample Name: CCV16 Acquired: 9/22/2018 2:09:12 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.7505
Stddev .2742
%RSD 7.3107

#1 3.5566
#2 3.9444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.0	101860.	9761.9	235.72	6906.6
Stddev	1.4	124.	202.4	4.34	2.2
%RSD	.03371	.12189	2.0734	1.8402	.03139

#1	4291.9	101950.	9618.8	232.65	6905.1
#2	4294.0	101780.	9905.0	238.78	6908.2

Sample Name: CCB16 Acquired: 9/22/2018 2:12:59 Type: Unk
Method: P4-ICP2(v2447) 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	-.00030	.00251	-.00116	-.00292	-.00485	.01190	.00126
Stddev	.00051	.00073	.00027	.00566	.00155	.00215	.00035
%RSD	171.96	29.123	22.989	194.04	31.951	18.079	27.639

#1	-.00065	.00200	-.00097	.00109	-.00595	.01342	.00151
#2	.00006	.00303	-.00135	-.00692	-.00375	.01038	.00102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00013	.01044	.00038	-.00016	-.00002	.00554
Stddev	.00003	.00014	.03453	.00006	.00050	.00048	.00433
%RSD	72.928	106.04	330.58	15.950	304.92	2608.6	78.206

#1	-.00002	.00003	-.01397	.00042	.00019	-.00036	.00247
#2	-.00006	.00023	.03486	.00034	-.00052	.00032	.00860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00711	.00229	.00008	-.20484	.00076	.00169
Stddev	.00001	.02991	.00052	.00019	.00283	.00024	.00006
%RSD	5.0720	420.94	22.898	223.09	1.3811	30.888	3.3414

#1	.00013	.01405	.00192	-.00005	-.20284	.00060	.00165
#2	.00012	-.02826	.00266	.00021	-.20684	.00093	.00173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.18420	.00027	.01127	-.00256	-.00756	-.00098	.00397
Stddev	.00358	.00004	.01378	.00205	.00047	.00030	.00096
%RSD	1.9436	14.205	122.26	79.883	6.2236	31.038	24.210

#1	-.18167	.00029	.02102	-.00401	-.00789	-.00119	.00464
#2	-.18673	.00024	.00153	-.00112	-.00723	-.00076	.00329

Sample Name: CCB16 Acquired: 9/22/2018 2:12:59 Type: Unk
 Method: P4-ICP2(v2447) 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	.00326	-.0005	.00023	F<.00000	F 1.9878
Stddev	.00420	.0024	.00009	.56926	.1718
%RSD	129.13	454.3	40.031	3352.4	8.6442
#1	.00623	-.0022	.00016	.38555	2.1094
#2	.00028	.0012	.00029	-.41951	1.8663
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4470.1	105280.	9707.3	241.35	7663.5
Stddev	2.8	512.	104.6	1.57	12.0
%RSD	.06324	.48648	1.0779	.64899	.15618
#1	4468.1	104920.	9781.2	242.46	7655.1
#2	4472.1	105640.	9633.3	240.25	7672.0

Sample Name: J4958-15DLX2 Acquired: 9/22/2018 2:17:06 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00288	-.00116	.00420	-.00716	.55159	.05328	.00005
Stddev	.00680	.00010	.00067	.00052	.00113	.01915	.00070	.00001
%RSD	358.46	3.5085	57.932	12.475	15.841	3.4720	1.3111	14.112

#1	.00671	.00295	-.00163	.00383	-.00797	.53804	.05377	.00006
#2	-.00291	.00281	-.00068	.00457	-.00636	.56513	.05278	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	28.889	.12923	.00126	.01429	.88087	.01401	7.1732
Stddev	.00023	.131	.00040	.00001	.00001	.01367	.00007	.0275
%RSD	10.134	.45306	.30751	1.0421	.03706	1.5520	.48988	.38334

#1	.00208	28.796	.12951	.00127	.01429	.87120	.01396	7.1927
#2	.00240	28.982	.12895	.00125	.01428	.89053	.01406	7.1538

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05540	-.00087	14.551	.00199	.01402	5.1228	.00416	.06309
Stddev	.00045	.00087	.179	.00069	.00011	.0252	.00018	.00503
%RSD	.81766	100.17	1.2331	34.500	.80420	.49133	4.4400	7.9664

#1	.05572	-.00148	14.424	.00248	.01394	5.1406	.00429	.05954
#2	.05507	-.00025	14.678	.00151	.01410	5.1050	.00403	.06665

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6204	2.1804	-.00196	.01601	.00032	.0052	1.1971	.87841
Stddev	.0152	.0352	.00016	.00164	.00428	.0007	.0172	.14613
%RSD	.23012	1.6163	8.2765	10.230	1340.6	13.32	1.4343	16.636

#1	6.6096	2.1555	-.00208	.01717	-.00271	.0057	1.1850	.98174
#2	6.6312	2.2054	-.00185	.01485	.00335	.0047	1.2093	.77508

Sample Name: J4958-15DLX2 Acquired: 9/22/2018 2:17:06 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3943
 Stddev .1371
 %RSD 5.7271

#1 2.4913
 #2 2.2973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4292.4	102430.	9756.4	237.53	7215.0
Stddev	6.3	293.	98.0	2.06	10.8
%RSD	.14660	.28649	1.0041	.86702	.14980

#1	4288.0	102220.	9825.7	238.99	7207.3
#2	4296.9	102630.	9687.2	236.08	7222.6

Sample Name: J4958-16DLX2 Acquired: 9/22/2018 2:21:11 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00014	.00119	-.00013	.00187	-.00659	.08600	.17663	-.00009
Stddev	.00168	.00272	.00064	.00001	.00028	.00492	.00114	.00000
%RSD	1205.6	227.81	500.51	.60202	4.2027	5.7204	.64560	1.5077

#1	.00133	-.00073	-.00058	.00187	-.00639	.08252	.17583	-.00009
#2	-.00105	.00312	.00033	.00186	-.00678	.08948	.17744	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	23.852	.03050	.00016	.00366	.33435	.01701	5.3746
Stddev	.00018	.064	.00016	.00008	.00001	.01376	.00009	.0009
%RSD	231.21	.26707	.51570	49.852	.17808	4.1155	.54802	.01680

#1	.00005	23.807	.03039	.00021	.00365	.34408	.01695	5.3740
#2	-.00020	23.897	.03061	.00010	.00366	.32462	.01708	5.3753

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01185	.00003	28.757	.00103	.01009	3.3484	.00207	.04655
Stddev	.00061	.00001	.221	.00037	.00010	.0702	.00011	.00988
%RSD	5.1399	42.825	.76909	35.593	.97118	2.0968	5.0892	21.222

#1	.01142	.00002	28.913	.00077	.01016	3.3980	.00214	.03956
#2	.01228	.00004	28.600	.00129	.01002	3.2987	.00199	.05353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.888	4.1178	-.00387	.00533	-.00169	.0579	.22895	1.1084
Stddev	.041	.0175	.00048	.00216	.00451	.0009	.00023	.0284
%RSD	.34519	.42411	12.499	40.631	266.40	1.510	.10157	2.5637

#1	11.859	4.1301	-.00422	.00686	.00150	.0585	.22912	1.0883
#2	11.917	4.1054	-.00353	.00380	-.00489	.0573	.22879	1.1285

Sample Name: J4958-16DLX2 Acquired: 9/22/2018 2:21:11 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7368
Stddev .3103
%RSD 11.338

#1 2.9562
#2 2.5174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4283.5	102040.	9673.9	239.47	7158.5
Stddev	13.2	240.	56.9	3.93	14.6
%RSD	.30782	.23558	.58828	1.6417	.20457

#1	4274.2	102210.	9633.7	236.69	7148.1
#2	4292.8	101880.	9714.2	242.25	7168.8

Sample Name: J4958-17DLX2 Acquired: 9/22/2018 2:25:15 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00025	.00203	-.00010	.00297	-.00467	.01939	.04555	-.00005
Stddev	.00246	.00183	.00097	.00331	.00217	.02067	.00014	.00002
%RSD	992.76	90.123	1012.2	111.47	46.489	106.60	.30159	43.541

#1	-.00149	.00074	-.00078	.00532	-.00314	.03400	.04545	-.00006
#2	.00198	.00332	.00059	.00063	-.00621	.00477	.04565	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	10.049	.01856	.00254	.00716	.30426	.04136	2.7021
Stddev	.00004	.030	.00053	.00049	.00007	.01520	.00027	.0627
%RSD	171.48	.29482	2.8321	19.244	.99041	4.9955	.64929	2.3209

#1	-.00000	10.070	.01893	.00289	.00711	.29352	.04117	2.6577
#2	.00005	10.028	.01819	.00219	.00721	.31501	.04155	2.7464

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01223	.00039	40.618	.00099	.01153	1.1707	.00193	.02869
Stddev	.00057	.00125	.106	.00014	.00009	.0372	.00012	.00911
%RSD	4.6197	321.00	.26163	14.359	.76645	3.1777	6.0042	31.770

#1	.01183	-.00049	40.693	.00110	.01159	1.1970	.00201	.02224
#2	.01263	.00127	40.543	.00089	.01147	1.1444	.00185	.03513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9642	2.0068	-.00146	.00661	.00878	.0134	.08306	.89984
Stddev	.0007	.0038	.00012	.00074	.00826	.0031	.00019	.02528
%RSD	.01776	.19043	7.8881	11.218	94.062	23.47	.23453	2.8098

#1	3.9647	2.0041	-.00138	.00713	.01463	.0156	.08320	.91772
#2	3.9637	2.0095	-.00154	.00608	.00294	.0112	.08292	.88196

Sample Name: J4958-17DLX2 Acquired: 9/22/2018 2:25:15 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1800
Stddev .2343
%RSD 7.3689

#1 3.0143
#2 3.3456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.1	102590.	9629.6	237.81	7190.8
Stddev	9.5	340.	61.1	1.83	.9
%RSD	.21953	.33158	.63496	.76834	.01279

#1	4305.4	102350.	9586.4	236.52	7190.2
#2	4318.8	102830.	9672.8	239.10	7191.5

Sample Name: J4958-18DLX10 Acquired: 9/22/2018 2:29:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00062	.00384	-.00107	-.00244	-.00315	.00850	.01151	-.00014
Stddev	.00330	.00036	.00172	.00247	.00141	.00392	.00042	.00003
%RSD	534.73	9.4984	159.92	101.21	44.868	46.108	3.6279	18.460

#1	.00171	.00358	.00014	-.00069	-.00215	.00573	.01121	-.00012
#2	-.00295	.00409	-.00229	-.00418	-.00415	.01127	.01180	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	2.4931	.01093	.00049	.00224	.04889	.01000	.70056
Stddev	.00002	.0127	.00020	.00015	.00042	.01795	.00006	.02041
%RSD	34.100	.51121	1.8713	31.427	18.809	36.706	.60621	2.9140

#1	.00005	2.4841	.01078	.00060	.00254	.03620	.01004	.68612
#2	.00008	2.5021	.01107	.00038	.00195	.06158	.00996	.71499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00785	-.00050	9.8957	.00064	.00423	.17179	.00137	.01351
Stddev	.00026	.00136	.0198	.00001	.00005	.00760	.00001	.00077
%RSD	3.2745	271.67	.20025	.89887	1.1423	4.4236	1.0155	5.7330

#1	.00766	.00046	9.8817	.00065	.00420	.17716	.00138	.01296
#2	.00803	-.00146	9.9097	.00064	.00427	.16642	.00136	.01406

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96815	.50466	-.00028	.00643	.01628	.0035	.02047	.13139
Stddev	.00640	.00259	.00140	.00015	.00860	.0017	.00011	.15116
%RSD	.66064	.51261	502.76	2.3681	52.805	48.88	.51353	115.05

#1	.97267	.50283	-.00127	.00632	.02236	.0047	.02054	.23828
#2	.96363	.50649	.00071	.00654	.01020	.0023	.02040	.02450

Sample Name: J4958-18DLX10 Acquired: 9/22/2018 2:29:20 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0800
Stddev .4517
%RSD 21.717

#1 1.7606
#2 2.3995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4414.2	104540.	9693.5	240.88	7498.6
Stddev	3.9	117.	7.9	.50	14.0
%RSD	.08808	.11231	.08150	.20552	.18714

#1	4411.5	104630.	9699.1	240.53	7488.7
#2	4417.0	104460.	9687.9	241.23	7508.5

Sample Name: J4958-19DLX10 Acquired: 9/22/2018 2:33:27 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00491	.00289	-.00152	-.00375	-.00491	-.00271	.01205	-.00010
Stddev	.00489	.00000	.00032	.00185	.00055	.00539	.00108	.00006
%RSD	99.565	.08091	21.269	49.454	11.294	199.02	8.9759	58.428

#1	-.00145	.00289	-.00129	-.00506	-.00451	.00110	.01282	-.00006
#2	-.00837	.00289	-.00175	-.00244	-.00530	-.00652	.01129	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	2.5188	.05886	.00099	.00472	.24074	.01531	.70672
Stddev	.00004	.0111	.00097	.00019	.00051	.00692	.00001	.02876
%RSD	30.064	.44059	1.6543	19.022	10.714	2.8738	.04308	4.0692

#1	.00011	2.5267	.05817	.00085	.00508	.24563	.01531	.72705
#2	.00018	2.5110	.05955	.00112	.00436	.23585	.01532	.68638

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03541	-.00059	9.9431	.00085	.00473	.13918	.00693	.01377
Stddev	.00028	.00026	.1454	.00029	.00034	.04732	.00057	.00262
%RSD	.80442	44.240	1.4625	34.396	7.2776	33.999	8.2298	19.060

#1	.03561	-.00077	10.046	.00065	.00498	.10572	.00733	.01562
#2	.03521	-.00040	9.8403	.00106	.00449	.17264	.00652	.01191

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98053	.50848	-.00001	.00629	-.00953	.0011	.02083	.16789
Stddev	.00195	.00917	.00095	.00100	.00390	.0003	.00009	.01450
%RSD	.19880	1.8035	8641.3	15.885	40.921	25.62	.42683	8.6381

#1	.98191	.51497	.00066	.00699	-.00677	.0013	.02077	.15764
#2	.97915	.50200	-.00068	.00558	-.01229	.0009	.02090	.17815

Sample Name: J4958-19DLX10 Acquired: 9/22/2018 2:33:27 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4500
Stddev .4257
%RSD 17.377

#1 2.1489
#2 2.7510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4411.0	104390.	9770.5	242.24	7502.1
Stddev	.6	298.	158.3	6.79	.9
%RSD	.01393	.28578	1.6205	2.8037	.01162

#1	4411.4	104180.	9658.6	237.44	7502.7
#2	4410.5	104600.	9882.5	247.04	7501.5

Sample Name: J4958-22DLX2 Acquired: 9/22/2018 2:37:34 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00101	.00100	-.00062	-.00385	-.00363	.07058	.06049	.00001
Stddev	.00067	.00107	.00074	.00562	.00045	.00790	.00022	.00012
%RSD	66.409	107.11	119.86	146.15	12.309	11.188	.37041	849.20

#1	.00053	.00024	-.00009	.00013	-.00332	.07616	.06033	.00010
#2	.00148	.00175	-.00114	-.00782	-.00395	.06500	.06065	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	16.536	.04316	.00271	.01990	.20935	.04642	6.3688
Stddev	.00003	.058	.00051	.00018	.00032	.01803	.00038	.0591
%RSD	12.102	.35146	1.1923	6.5035	1.6071	8.6134	.81595	.92853

#1	.00031	16.495	.04280	.00259	.01967	.19659	.04615	6.4106
#2	.00026	16.577	.04353	.00284	.02012	.22210	.04669	6.3270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02914	-.00007	38.291	.00035	.03068	1.4590	.00481	.03719
Stddev	.00080	.00036	.551	.00041	.00088	.0549	.00066	.00811
%RSD	2.7536	540.17	1.4398	118.50	2.8780	3.7597	13.766	21.798

#1	.02857	.00019	37.901	.00064	.03006	1.4202	.00434	.04293
#2	.02970	-.00032	38.681	.00006	.03130	1.4978	.00528	.03146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4921	3.0051	-.00059	.00689	.00950	.0028	.18726	.42747
Stddev	.0037	.0582	.00122	.00181	.00881	.0070	.00081	.02601
%RSD	.25018	1.9360	207.15	26.268	92.732	252.8	.43523	6.0839

#1	1.4895	2.9640	.00027	.00817	.01573	.0077	.18668	.44586
#2	1.4948	3.0463	-.00145	.00561	.00327	-.0022	.18783	.40908

Sample Name: J4958-22DLX2 Acquired: 9/22/2018 2:37:34 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5723
Stddev .7600
%RSD 48.334

#1 2.1097
#2 1.0350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4309.7	102310.	9697.4	240.75	7168.3
Stddev	3.1	198.	133.0	4.50	4.6
%RSD	.07192	.19331	1.3715	1.8675	.06389

#1	4307.5	102450.	9791.4	243.93	7165.1
#2	4311.9	102170.	9603.4	237.57	7171.6

Sample Name: J4958-23DLX10 Acquired: 9/22/2018 2:41:39 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	.00236	-.00107	-.00155	-.00380	.07474	.01079	.00003
Stddev	.00175	.00116	.00102	.00196	.00143	.01213	.00041	.00004
%RSD	66.470	49.295	95.893	126.39	37.704	16.231	3.8361	129.39

#1	-.00140	.00154	-.00034	-.00016	-.00278	.06616	.01108	.00006
#2	-.00388	.00318	-.00179	-.00293	-.00481	.08331	.01050	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	1.9362	.19576	.00244	.00363	.86947	.02206	.65901
Stddev	.00008	.0017	.00107	.00025	.00055	.00139	.00010	.07051
%RSD	161.98	.08551	.54437	10.171	15.030	.15954	.45388	10.699

#1	-.00001	1.9350	.19500	.00227	.00402	.86849	.02213	.60915
#2	.00010	1.9374	.19651	.00262	.00324	.87045	.02199	.70886

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11058	-.00017	10.783	.00153	.00508	.09514	.02192	.00786
Stddev	.00095	.00021	.029	.00062	.00024	.00270	.00006	.00401
%RSD	.85865	128.76	.26984	40.629	4.6708	2.8411	.26694	51.021

#1	.10991	-.00001	10.762	.00109	.00492	.09323	.02196	.01069
#2	.11125	-.00032	10.804	.00197	.00525	.09705	.02188	.00502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90554	.55648	-.00032	.00695	.00313	.0044	.01454	.27807
Stddev	.00566	.00409	.00122	.00167	.00481	.0021	.00000	.02904
%RSD	.62526	.73422	380.68	24.015	153.88	48.38	.02869	10.445

#1	.90955	.55359	-.00118	.00577	.00653	.0029	.01454	.29861
#2	.90154	.55937	.00054	.00813	-.00028	.0060	.01454	.25754

Sample Name: J4958-23DLX10 Acquired: 9/22/2018 2:41:39 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7282
Stddev .5160
%RSD 18.913

#1 2.3633
#2 3.0930

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4441.1	104760.	9753.5	242.08	7533.1
Stddev	10.5	12.	.6	1.17	28.2
%RSD	.23589	.01179	.00660	.48166	.37411

#1	4433.7	104770.	9754.0	242.90	7513.1
#2	4448.5	104760.	9753.1	241.25	7553.0

Sample Name: J4984-02 Acquired: 9/22/2018 2:45:46 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00030	.00026	.00407	.00772	-.00647	-.01603	.02273	-.00006
Stddev	.00645	.00036	.00006	.00341	.00146	.01090	.00073	.00001
%RSD	2120.7	139.83	1.4562	44.189	22.590	68.026	3.2206	8.7387

#1	-.00487	.00051	.00412	.01013	-.00751	-.02374	.02221	-.00006
#2	.00426	.00000	.00403	.00531	-.00544	-.00832	.02325	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	54.875	-.00028	-.00049	.00151	-.02215	.00392	120.65
Stddev	.00002	.394	.00016	.00037	.00092	.00314	.00006	1.93
%RSD	11.345	.71883	56.473	75.266	60.657	14.192	1.6156	1.5984

#1	-.00016	54.596	-.00040	-.00023	.00216	-.01993	.00387	119.28
#2	-.00019	55.154	-.00017	-.00076	.00086	-.02437	.00396	122.01

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	-.00012	962.50	.00156	.00037	40.505	.00075	.42977
Stddev	.00093	.00016	2.90	.00048	.00016	.681	.00059	.00599
%RSD	70.201	125.84	.30150	30.601	44.554	1.6805	79.645	1.3935

#1	-.00198	-.00024	964.55	.00190	.00049	40.024	.00033	.42554
#2	-.00067	-.00001	960.45	.00122	.00025	40.987	.00117	.43401

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.01	.84111	-.03811	.00308	.16884	.0737	.76777	2.6100
Stddev	.89	.01053	.00114	.00394	.00460	.0009	.01361	.2397
%RSD	.85706	1.2520	2.9914	127.90	2.7227	1.221	1.7722	9.1856

#1	103.38	.83366	-.03731	.00587	.17209	.0731	.75815	2.4405
#2	104.64	.84856	-.03892	.00029	.16559	.0744	.77739	2.7795

Sample Name: J4984-02 Acquired: 9/22/2018 2:45:46 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3091
Stddev	.1678
%RSD	2.6597

#1	6.1905
#2	6.4278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.5	96547.	9901.8	243.36	6123.4
Stddev	24.2	468.	90.8	1.01	36.8
%RSD	.58698	.48505	.91699	.41308	.60165

#1	4143.6	96879.	9966.0	244.07	6149.5
#2	4109.4	96216.	9837.6	242.65	6097.4

Sample Name: J4984-03 Acquired: 9/22/2018 2:49:56 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	.00123	.00277	-.00058	-.00636	-.00083	.02421	-.00003
Stddev	.00116	.00094	.00003	.00240	.00109	.02270	.00023	.00006
%RSD	27.484	76.394	.96536	412.24	17.087	2723.3	.94195	251.73

#1	.00341	.00057	.00275	-.00228	-.00559	-.01688	.02438	.00002
#2	.00506	.00190	.00279	.00112	-.00712	.01522	.02405	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	58.412	-.00083	-.00012	.00109	-.02559	.00593	130.95
Stddev	.00013	.408	.00013	.00007	.00054	.01592	.00010	.20
%RSD	41.309	.69870	15.632	64.953	49.574	62.205	1.6087	.15398

#1	-.00039	58.700	-.00093	-.00006	.00071	-.01433	.00600	130.81
#2	-.00021	58.123	-.00074	-.00017	.00147	-.03684	.00586	131.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	-.00024	1032.3	.00142	.00137	43.974	.00071	.43934
Stddev	.00009	.00042	5.7	.00018	.00020	.455	.00031	.01132
%RSD	5.6790	175.79	.55149	12.729	14.674	1.0340	42.960	2.5756

#1	-.00152	-.00054	1036.3	.00155	.00152	44.295	.00050	.43134
#2	-.00165	.00006	1028.2	.00129	.00123	43.652	.00093	.44735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.19	.89594	-.03848	.00223	.17032	.0785	.83235	3.3744
Stddev	.62	.00236	.00164	.00001	.01113	.0007	.00798	.0788
%RSD	.56434	.26302	4.2746	.48082	6.5324	.9101	.95830	2.3347

#1	108.75	.89760	-.03732	.00224	.17819	.0780	.83799	3.3187
#2	109.62	.89427	-.03964	.00222	.16245	.0790	.82671	3.4301

Sample Name: J4984-03 Acquired: 9/22/2018 2:49:56 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5282
 Stddev .4797
 %RSD 7.3483

#1 6.8675
 #2 6.1890

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.9	93409.	9525.9	230.98	5993.0
Stddev	4.1	71.	117.6	4.07	18.4
%RSD	.10041	.07619	1.2347	1.7601	.30687

#1	4047.8	93358.	9442.8	228.11	6006.0
#2	4042.0	93459.	9609.1	233.86	5980.0

Sample Name: J4984-04 Acquired: 9/22/2018 2:54:07 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00288	.00476	.00337	.00204	-.00699	-.02077	.02385	.00004
Stddev	.00242	.00188	.00031	.00368	.00069	.01616	.00125	.00001
%RSD	84.173	39.469	9.2562	180.44	9.8173	77.809	5.2400	26.734

#1	.00459	.00609	.00359	-.00056	-.00651	-.00934	.02473	.00005
#2	.00116	.00343	.00315	.00464	-.00748	-.03220	.02296	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	55.993	-.00125	-.00026	.00153	-.02344	.00343	121.61
Stddev	.00005	.746	.00000	.00019	.00004	.00262	.00010	.53
%RSD	26.606	1.3320	.02778	71.707	2.7056	11.181	3.0437	.43421

#1	-.00016	55.465	-.00125	-.00039	.00150	-.02529	.00350	121.23
#2	-.00023	56.520	-.00125	-.00013	.00156	-.02159	.00336	121.98

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	.00112	966.26	.00227	.00002	41.184	.00102	.41119
Stddev	.00017	.00069	2.17	.00037	.00003	.259	.00041	.00286
%RSD	14.673	61.510	.22440	16.504	136.46	.62989	39.997	.69434

#1	-.00102	.00161	964.73	.00254	.00000	41.001	.00073	.41321
#2	-.00125	.00063	967.80	.00201	.00004	41.368	.00131	.40918

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.77	.86015	-.03737	.00147	.15578	.0760	.78035	3.3457
Stddev	.61	.00536	.00098	.00063	.01152	.0011	.00620	.1385
%RSD	.60379	.62364	2.6133	42.629	7.3975	1.397	.79392	4.1386

#1	101.33	.85636	-.03667	.00103	.14763	.0767	.77597	3.4436
#2	102.20	.86394	-.03806	.00191	.16393	.0752	.78473	3.2478

Sample Name: J4984-04 Acquired: 9/22/2018 2:54:07 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4270
 Stddev .1000
 %RSD 1.5562

#1 6.3563
 #2 6.4977

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.9	94063.	9565.6	236.07	6046.3
Stddev	16.5	125.	66.5	3.34	31.3
%RSD	.40530	.13328	.69468	1.4167	.51741

#1	4082.6	94152.	9612.6	238.44	6068.4
#2	4059.3	93975.	9518.6	233.71	6024.2

Sample Name: CCV17 Acquired: 9/22/2018 2:58:17 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.9934	5.0562	4.8629	5.0670	5.1209	10.697	10.112	.24805
Stddev	.0058	.0193	.0032	.0123	.0029	.219	.112	.00136
%RSD	.11660	.38112	.06501	.24309	.05641	2.0506	1.1095	.54709

#1	4.9893	5.0698	4.8651	5.0757	5.1229	10.852	10.033	.24900
#2	4.9975	5.0426	4.8606	5.0582	5.1188	10.542	10.191	.24709

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4652	24.436	1.0322	2.4483	1.2732	4.9689	2.5087	23.852
Stddev	.0035	.095	.0019	.0047	.0005	.0345	.0021	.091
%RSD	.14168	.38694	.17942	.19199	.04151	.69395	.08251	.38117

#1	2.4677	24.369	1.0335	2.4516	1.2728	4.9445	2.5102	23.788
#2	2.4628	24.502	1.0309	2.4449	1.2735	4.9933	2.5073	23.917

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4524	1.2575	24.725	2.5318	2.4584	24.814	5.0490	4.8297
Stddev	.0026	.0030	.281	.0015	.0544	.246	.0027	.0057
%RSD	.10421	.23600	1.1375	.06013	2.2137	.99325	.05416	.11729

#1	2.4542	1.2596	24.526	2.5307	2.4200	24.640	5.0471	4.8257
#2	2.4506	1.2554	24.924	2.5328	2.4969	24.989	5.0509	4.8338

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9442	4.7175	4.8121	4.9910	4.7054	5.033	5.0107	F 2.0705
Stddev	.0108	.0635	.0021	.0100	.0308	.001	.0601	.0743
%RSD	.21803	1.3453	.04439	.20011	.65472	.0279	1.2002	3.5863

#1	4.9518	4.6726	4.8106	4.9980	4.7271	5.034	4.9681	2.1231
#2	4.9366	4.7624	4.8136	4.9839	4.6836	5.032	5.0532	2.0180

Sample Name: CCV17 Acquired: 9/22/2018 2:58:17 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.6963
Stddev .4073
%RSD 11.019

#1 3.4083
#2 3.9843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4182.2	98491.	9385.9	229.85	6717.4
Stddev	7.3	440.	117.1	4.61	21.3
%RSD	.17562	.44703	1.2474	2.0042	.31765

#1	4177.0	98180.	9468.6	233.11	6702.3
#2	4187.4	98802.	9303.1	226.59	6732.5

Sample Name: CCB17 Acquired: 9/22/2018 3:02:04 Type: Unk
Method: P4-ICP2(v2447) 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	-.00176	.00270	-.00139	-.00062	-.00453	.00591	.00150
Stddev	.00227	.00126	.00036	.00106	.00158	.00996	.00033
%RSD	128.96	46.482	25.528	169.96	34.750	168.48	21.831

#1	-.00016	.00181	-.00114	.00013	-.00565	-.00113	.00127
#2	-.00337	.00359	-.00164	-.00137	-.00342	.01295	.00173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00007	.01823	.00079	-.00035	.00038	-.00308
Stddev	.00019	.00008	.00589	.00022	.00006	.00007	.01985
%RSD	193.65	110.92	32.296	28.080	18.537	18.526	645.34

#1	-.00023	.00012	.01407	.00095	-.00030	.00043	.01096
#2	.00004	.00001	.02239	.00064	-.00039	.00033	-.01711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.02590	.00202	-.00025	.13073	.00062	.00190
Stddev	.00001	.02435	.00010	.00032	.01048	.00029	.00013
%RSD	4.1822	93.997	4.9520	130.72	8.0138	47.331	6.7724

#1	.00018	.04311	.00209	-.00002	.12332	.00041	.00181
#2	.00017	.00869	.00195	-.00047	.13813	.00083	.00199

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12427	.00038	.00000	-.00132	-.00612	-.00070	.00392
Stddev	.01829	.00023	.00157	.00143	.00307	.00112	.00071
%RSD	14.718	60.058	40060.	108.28	50.246	160.52	18.026

#1	-.11134	.00022	-.00111	-.00233	-.00394	-.00149	.00443
#2	-.13721	.00054	.00112	-.00031	-.00829	.00009	.00342

Sample Name: CCB17 Acquired: 9/22/2018 3:02:04 Type: Unk
 Method: P4-ICP2(v2447) 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 -.01214	.0021	.00019	F .69302	F 2.2510
Stddev	.00032	.0008	.00008	.22038	.2890
%RSD	2.6401	39.66	40.803	31.801	12.841

#1	-.01237	.0015	.00014	.84885	2.0466
#2	-.01192	.0026	.00025	.53718	2.4554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4309.2	102200.	9446.9	236.27	7409.3
Stddev	11.2	443.	76.3	2.11	18.4
%RSD	.26010	.43300	.80730	.89105	.24835

#1	4301.3	101890.	9500.8	237.76	7396.3
#2	4317.2	102520.	9393.0	234.78	7422.3

Sample Name: J4984-05 Acquired: 9/22/2018 3:06:11 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00224	-.00276	.00333	-.00027	-.00852	-.03483	.02429	.00000
Stddev	.00050	.00222	.00139	.00584	.00070	.00481	.00053	.00019
%RSD	22.276	80.272	41.855	2173.5	8.1876	13.811	2.1971	15114.

#1	.00189	-.00119	.00432	.00386	-.00803	-.03823	.02467	.00014
#2	.00259	-.00433	.00234	-.00440	-.00902	-.03143	.02391	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	60.281	-.00107	-.00015	.00206	-.02208	.00459	136.90
Stddev	.00001	.183	.00004	.00018	.00025	.01977	.00001	.13
%RSD	1.4935	.30394	3.4127	122.21	12.221	89.524	.15598	.09424

#1	-.00037	60.151	-.00104	-.00027	.00188	-.00810	.00459	136.81
#2	-.00038	60.410	-.00110	-.00002	.00224	-.03606	.00458	136.99

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	.00020	1096.6	.00220	.00118	46.276	.00111	.49037
Stddev	.00012	.00010	12.3	.00115	.00004	.060	.00039	.02115
%RSD	6.7640	48.004	1.1255	52.307	3.0053	.12949	35.294	4.3121

#1	-.00163	.00027	1105.3	.00302	.00121	46.234	.00139	.47542
#2	-.00179	.00013	1087.8	.00139	.00116	46.319	.00084	.50532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	114.99	.87592	-.04200	.00549	.19117	.0784	.86844	3.6322
Stddev	.04	.00643	.00018	.00068	.00953	.0001	.00243	.0092
%RSD	.03629	.73452	.42545	12.464	4.9852	.1871	.27954	.25401

#1	114.96	.87137	-.04213	.00597	.18443	.0783	.86673	3.6387
#2	115.02	.88047	-.04188	.00500	.19790	.0785	.87016	3.6257

Sample Name: J4984-05 Acquired: 9/22/2018 3:06:11 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8489
 Stddev .4905
 %RSD 7.1617

#1 7.1958
 #2 6.5021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.0	93568.	9507.0	231.37	5989.3
Stddev	11.9	12.	.5	1.50	14.4
%RSD	.29375	.01322	.00492	.64690	.23988

#1	4069.5	93576.	9507.4	230.31	5999.5
#2	4052.6	93559.	9506.7	232.43	5979.2

Sample Name: J4984-06 Acquired: 9/22/2018 3:10:21 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00396	.00089	.00370	.00562	-.00734	-.04375	.02377	-.00004
Stddev	.00419	.00235	.00207	.00352	.00046	.01024	.00024	.00004
%RSD	105.70	264.67	55.916	62.681	6.1998	23.396	1.0181	89.436

#1	.00692	.00255	.00224	.00313	-.00702	-.05099	.02359	-.00007
#2	.00100	-.00077	.00516	.00811	-.00766	-.03651	.02394	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	57.192	-.00050	.00008	.00125	-.00720	.00278	126.86
Stddev	.00012	.448	.00054	.00040	.00054	.01053	.00016	.41
%RSD	92.540	.78370	107.90	536.25	42.685	146.21	5.8624	.32554

#1	-.00021	56.875	-.00088	.00036	.00163	-.01465	.00266	126.57
#2	-.00004	57.509	-.00012	-.00021	.00088	.00024	.00289	127.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00110	988.87	.00167	.00134	42.565	.00098	.44388
Stddev	.00002	.00051	3.97	.00048	.00015	.584	.00027	.00217
%RSD	1.5065	46.425	.40166	28.883	11.007	1.3714	27.247	.48809

#1	-.00132	-.00074	986.06	.00201	.00123	42.152	.00117	.44541
#2	-.00135	-.00146	991.67	.00133	.00144	42.978	.00079	.44235

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	104.98	.85755	-.03687	.00401	.17206	.0740	.80664	3.3870
Stddev	.63	.00675	.00117	.00044	.00736	.0006	.00844	.0740
%RSD	.59982	.78690	3.1601	10.842	4.2801	.7446	1.0465	2.1835

#1	104.54	.85278	-.03769	.00371	.16685	.0737	.80067	3.3347
#2	105.43	.86232	-.03605	.00432	.17726	.0744	.81261	3.4393

Sample Name: J4984-06 Acquired: 9/22/2018 3:10:21 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3481
 Stddev .2362
 %RSD 3.7203

#1 6.5151
 #2 6.1811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.9	93377.	9504.0	234.53	6010.8
Stddev	17.2	447.	99.0	3.66	37.2
%RSD	.42443	.47894	1.0416	1.5599	.61854

#1	4062.1	93693.	9574.0	237.12	6037.1
#2	4037.8	93061.	9434.0	231.94	5984.5

Sample Name: J4984-07 Acquired: 9/22/2018 3:14:32 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00495	.00356	.00570	.00494	-.00797	-.02113	.02549	.00001
Stddev	.00385	.00099	.00014	.00021	.00295	.01366	.00016	.00009
%RSD	77.798	27.811	2.4077	4.1546	37.042	64.624	.64270	967.47

#1	.00767	.00427	.00580	.00479	-.01006	-.01148	.02537	.00007
#2	.00223	.00286	.00561	.00508	-.00588	-.03079	.02561	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	95.014	-.00054	.00014	.00244	-.02958	.01449	260.21
Stddev	.00007	1.387	.00018	.00013	.00004	.03281	.00022	1.32
%RSD	22.037	1.4602	33.254	94.462	1.7637	110.89	1.5340	.50561

#1	-.00026	94.033	-.00066	.00005	.00241	-.00639	.01465	259.28
#2	-.00036	95.995	-.00041	.00023	.00247	-.05278	.01434	261.14

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.00005	1883.0	.00175	.00142	88.875	.00228	.90896
Stddev	.00145	.00034	21.8	.00026	.00005	1.389	.00033	.01602
%RSD	53.174	689.80	1.1603	14.853	3.6526	1.5624	14.518	1.7625

#1	-.00170	.00029	1898.5	.00157	.00145	87.893	.00205	.89763
#2	-.00375	-.00019	1867.6	.00194	.00138	89.856	.00252	.92028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	226.71	.99960	-.08122	-.00046	.37545	.1164	1.5811	5.4964
Stddev	1.26	.00620	.00156	.00007	.01155	.0057	.0230	.0428
%RSD	.55713	.62062	1.9199	15.433	3.0768	4.887	1.4518	.77842

#1	225.82	.99521	-.08012	-.00041	.36728	.1124	1.5649	5.5267
#2	227.60	1.0040	-.08233	-.00051	.38361	.1204	1.5973	5.4661

Sample Name: J4984-07 Acquired: 9/22/2018 3:14:32 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.0218
Stddev	1.0821
%RSD	13.489

#1	8.7870
#2	7.2567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.3	86602.	9192.5	221.46	5404.5
Stddev	17.6	95.	85.1	2.27	23.3
%RSD	.46571	.10915	.92577	1.0239	.43053

#1	3781.7	86535.	9252.7	219.85	5421.0
#2	3756.9	86669.	9132.3	223.06	5388.1

Sample Name: J4984-08 Acquired: 9/22/2018 3:18:43 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00296	-.00020	.00336	.00555	-.00743	-.01481	.02283	-.00003
Stddev	.00332	.00129	.00098	.00027	.00152	.00406	.00020	.00004
%RSD	112.18	633.15	29.061	4.8303	20.401	27.387	.88643	123.26

#1	.00531	-.00112	.00267	.00574	-.00850	-.01768	.02297	-.00000
#2	.00061	.00071	.00405	.00536	-.00636	-.01194	.02269	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	53.466	-.00084	-.00019	.00185	-.02696	.00222	112.76
Stddev	.00005	.123	.00063	.00003	.00038	.00185	.00013	.34
%RSD	14.575	.22997	74.648	14.872	20.610	6.8738	5.7840	.29777

#1	-.00034	53.552	-.00040	-.00021	.00212	-.02827	.00213	112.99
#2	-.00028	53.379	-.00129	-.00017	.00158	-.02565	.00231	112.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.00013	893.02	.00166	.00010	38.057	.00107	.40642
Stddev	.00082	.00041	14.17	.00051	.00025	.112	.00005	.00202
%RSD	53.795	314.36	1.5865	30.780	250.79	.29403	4.5667	.49823

#1	-.00211	.00042	903.04	.00130	.00027	38.136	.00111	.40498
#2	-.00095	-.00016	883.01	.00202	-.00008	37.977	.00104	.40785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.103	.83482	-.03364	.00389	.14392	.0716	.73193	2.7840
Stddev	.288	.00323	.00113	.00047	.01108	.0014	.00072	.1575
%RSD	.30275	.38718	3.3616	12.088	7.7019	1.893	.09820	5.6572

#1	94.899	.83253	-.03444	.00422	.13608	.0725	.73143	2.6727
#2	95.306	.83710	-.03284	.00355	.15175	.0706	.73244	2.8954

Sample Name: J4984-08 Acquired: 9/22/2018 3:18:43 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1208
Stddev .3504
%RSD 5.7246

#1 5.8731
#2 6.3686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4069.3	94970.	9708.1	237.50	6070.4
Stddev	.6	377.	60.1	3.06	11.3
%RSD	.01365	.39689	.61917	1.2892	.18548

#1	4069.7	95236.	9665.6	235.33	6078.4
#2	4068.9	94703.	9750.6	239.66	6062.5

Sample Name: J4984-09 Acquired: 9/22/2018 3:22:53 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00569	.00116	.00301	.00531	-.00780	-.01323	.02391	.00007
Stddev	.00072	.00028	.00115	.00467	.00160	.00067	.00041	.00013
%RSD	12.746	23.818	38.357	87.964	20.557	5.0969	1.7273	201.04

#1	.00620	.00135	.00382	.00201	-.00666	-.01275	.02421	-.00003
#2	.00517	.00096	.00219	.00861	-.00893	-.01371	.02362	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	56.474	-.00092	.00003	.00209	-.02995	.01319	123.18
Stddev	.00016	.041	.00021	.00022	.00041	.00409	.00005	.20
%RSD	76.044	.07309	22.430	680.54	19.433	13.661	.40559	.16524

#1	-.00032	56.503	-.00107	-.00013	.00180	-.02706	.01315	123.32
#2	-.00010	56.444	-.00077	.00019	.00237	-.03284	.01322	123.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00044	973.65	.00147	.00034	41.776	.00134	.44163
Stddev	.00026	.00003	3.08	.00034	.00002	.072	.00005	.00536
%RSD	17.589	6.0061	.31610	23.217	7.3547	.17163	3.5543	1.2147

#1	-.00129	-.00042	975.82	.00122	.00035	41.826	.00138	.43783
#2	-.00166	-.00046	971.47	.00171	.00032	41.725	.00131	.44542

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.72	.88610	-.03635	.00310	.18277	.0732	.79399	3.5715
Stddev	.15	.01649	.00076	.00044	.00610	.0027	.00161	.1432
%RSD	.14650	1.8611	2.0784	14.296	3.3390	3.660	.20268	4.0109

#1	102.61	.87444	-.03689	.00279	.18709	.0713	.79513	3.6728
#2	102.83	.89776	-.03582	.00341	.17846	.0751	.79285	3.4702

Sample Name: J4984-09 Acquired: 9/22/2018 3:22:53 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6316
 Stddev .3568
 %RSD 5.3802

#1 6.8839
 #2 6.3793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.3	93275.	9435.6	227.82	6011.3
Stddev	6.4	280.	3.5	.02	4.9
%RSD	.15848	.30000	.03745	.00741	.08207

#1	4047.9	93077.	9433.1	227.80	6014.7
#2	4038.8	93473.	9438.1	227.83	6007.8

Sample Name: J4984-10 Acquired: 9/22/2018 3:27:04 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00292	.00102	.00477	.00143	-.00582	-.00346	.02363	.00000
Stddev	.00416	.00062	.00102	.00560	.00067	.01288	.00024	.00010
%RSD	142.13	60.485	21.318	391.49	11.580	372.71	.99734	5448.2

#1	.00586	.00145	.00405	-.00253	-.00534	.00565	.02347	.00007
#2	-.00001	.00058	.00549	.00539	-.00629	-.01256	.02380	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	55.877	-.00094	-.00006	.00148	-.01364	.00650	119.92
Stddev	.00001	.156	.00044	.00035	.00086	.01157	.00004	.46
%RSD	2.8887	.27838	46.424	591.88	58.100	84.795	.55431	.38468

#1	-.00049	55.767	-.00063	.00019	.00087	-.00546	.00653	119.59
#2	-.00047	55.986	-.00125	-.00031	.00209	-.02182	.00648	120.24

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.00065	935.97	.00220	.00045	40.575	.00132	.42657
Stddev	.00031	.00014	6.13	.00016	.00017	.208	.00003	.00543
%RSD	19.173	20.827	.65534	7.3595	37.088	.51232	2.4337	1.2726

#1	-.00140	.00056	940.31	.00231	.00033	40.429	.00134	.43041
#2	-.00184	.00075	931.63	.00208	.00056	40.722	.00129	.42273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.34	.86949	-.03416	.00378	.17188	.0758	.77139	3.3965
Stddev	.61	.01653	.00121	.00270	.00387	.0022	.00411	.0593
%RSD	.60962	1.9006	3.5389	71.316	2.2540	2.849	.53244	1.7467

#1	99.904	.85781	-.03501	.00569	.17462	.0773	.76848	3.4385
#2	100.77	.88118	-.03330	.00188	.16914	.0743	.77429	3.3546

Sample Name: J4984-10 Acquired: 9/22/2018 3:27:04 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1499
 Stddev .6192
 %RSD 10.068

#1 5.7121
 #2 6.5878

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.1	94148.	9510.7	235.28	5987.3
Stddev	14.3	172.	77.3	1.07	33.3
%RSD	.35451	.18238	.81289	.45273	.55572

#1	4045.2	94270.	9565.4	234.53	6010.9
#2	4025.0	94027.	9456.0	236.04	5963.8

Sample Name: J5019-02 Acquired: 9/22/2018 3:31:15 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00705	.00094	.00269	.00570	-.00584	-.03207	.02281	-.00002
Stddev	.00258	.00154	.00175	.00127	.00082	.01911	.00006	.00010
%RSD	36.614	164.09	64.953	22.198	14.040	59.593	.25554	493.62

#1	.00523	.00203	.00146	.00481	-.00526	-.04559	.02277	.00005
#2	.00888	-.00015	.00393	.00659	-.00642	-.01856	.02285	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	54.165	-.00022	-.00020	.00094	-.02691	.00505	113.13
Stddev	.00007	.216	.00014	.00050	.00045	.00408	.00006	.22
%RSD	18.979	.39965	60.976	251.74	48.257	15.176	1.1566	.19793

#1	-.00031	54.012	-.00032	.00015	.00062	-.02980	.00509	112.98
#2	-.00041	54.318	-.00013	-.00055	.00126	-.02402	.00500	113.29

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00059	892.10	.00204	.00046	38.185	.00103	.39255
Stddev	.00023	.00104	4.65	.00074	.00028	.220	.00007	.01535
%RSD	20.489	174.56	.52087	36.093	61.068	.57489	7.2397	3.9093

#1	-.00127	-.00014	895.39	.00256	.00066	38.030	.00098	.38170
#2	-.00095	.00133	888.82	.00152	.00026	38.341	.00108	.40341

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	92.669	.90076	-.03307	.00345	.16155	.0747	.73251	3.1320
Stddev	.059	.01117	.00163	.00198	.00904	.0029	.00231	.3041
%RSD	.06343	1.2397	4.9228	57.357	5.5980	3.880	.31562	9.7099

#1	92.711	.89286	-.03422	.00205	.16794	.0726	.73088	3.3470
#2	92.628	.90866	-.03192	.00485	.15515	.0767	.73415	2.9169

Sample Name: J5019-02 Acquired: 9/22/2018 3:31:15 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.0527
 Stddev .2555
 %RSD 4.2218

#1 6.2334
 #2 5.8720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4073.6	93757.	9433.5	229.11	6070.6
Stddev	10.1	102.	3.0	3.02	20.5
%RSD	.24780	.10826	.03186	1.3196	.33715

#1	4066.4	93685.	9431.4	226.97	6056.2
#2	4080.7	93829.	9435.6	231.25	6085.1

Sample Name: J5019-03 Acquired: 9/22/2018 3:35:25 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00348	.00074	.00390	.00469	-.00592	-.01835	.02326	.00003
Stddev	.00203	.00244	.00007	.00645	.00121	.00616	.00045	.00012
%RSD	58.439	330.29	1.7600	137.47	20.435	33.557	1.9334	351.64

#1	.00204	-.00099	.00394	.00925	-.00506	-.02271	.02294	.00012
#2	.00492	.00246	.00385	.00013	-.00677	-.01400	.02357	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	51.805	-.00022	-.00040	.00114	-.02175	.00262	105.06
Stddev	.00009	.111	.00046	.00042	.00045	.00511	.00010	.02
%RSD	27.156	.21508	209.94	103.99	39.987	23.516	3.7884	.01987

#1	-.00026	51.884	-.00054	-.00011	.00146	-.02537	.00255	105.04
#2	-.00038	51.726	.00011	-.00069	.00082	-.01813	.00269	105.07

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00023	839.73	.00186	.00055	35.589	.00097	.37643
Stddev	.00005	.00052	2.01	.00036	.00011	.198	.00006	.01170
%RSD	5.1617	223.84	.23980	19.322	19.183	.55707	6.0224	3.1084

#1	-.00086	.00014	838.30	.00160	.00048	35.729	.00093	.38470
#2	-.00093	-.00060	841.15	.00211	.00063	35.449	.00101	.36815

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.159	.85638	-.03064	.00262	.14390	.0729	.68985	3.2349
Stddev	.536	.01321	.00138	.00062	.00342	.0043	.00214	.0260
%RSD	.62221	1.5421	4.4988	23.702	2.3778	5.939	.30964	.80349

#1	85.780	.86572	-.02967	.00306	.14148	.0699	.69136	3.2533
#2	86.538	.84704	-.03162	.00218	.14632	.0760	.68834	3.2165

Sample Name: J5019-03 Acquired: 9/22/2018 3:35:25 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.2012
 Stddev .6041
 %RSD 9.7420

#1 6.6284
 #2 5.7740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.2	94776.	9459.6	232.16	6125.5
Stddev	24.1	18.	41.0	3.17	36.8
%RSD	.58977	.01859	.43324	1.3649	.60136

#1	4107.2	94789.	9430.6	229.92	6151.5
#2	4073.1	94764.	9488.6	234.41	6099.4

Sample Name: J5019-04 Acquired: 9/22/2018 3:39:36 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00282	.00119	.00332	.00226	-.00819	-.01509	.02269	-.00000
Stddev	.00231	.00006	.00042	.00167	.00205	.00537	.00016	.00008
%RSD	82.060	5.2399	12.531	73.799	25.031	35.611	.68391	2911.0

#1	.00445	.00115	.00362	.00108	-.00674	-.01889	.02280	-.00006
#2	.00118	.00124	.00303	.00344	-.00964	-.01129	.02258	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	52.609	-.00038	-.00031	.00135	-.03572	.00238	108.29
Stddev	.00016	.145	.00007	.00001	.00071	.00861	.00001	.44
%RSD	56.079	.27474	18.031	2.4880	52.764	24.099	.50599	.40493

#1	-.00039	52.507	-.00043	-.00031	.00185	-.04181	.00237	107.98
#2	-.00017	52.711	-.00033	-.00030	.00084	-.02963	.00239	108.60

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00068	-.00011	870.11	.00184	.00080	36.919	.00075	.40119
Stddev	.00020	.00063	5.09	.00054	.00011	.064	.00026	.03914
%RSD	30.109	581.54	.58463	29.442	13.430	.17446	34.330	9.7572

#1	-.00082	.00034	866.52	.00222	.00072	36.874	.00056	.37351
#2	-.00053	-.00055	873.71	.00146	.00087	36.965	.00093	.42886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.334	.86557	-.03198	.00528	.15627	.0763	.70774	3.3207
Stddev	.233	.00154	.00122	.00008	.00391	.0001	.00119	.1234
%RSD	.25763	.17802	3.8125	1.5789	2.5007	.1764	.16844	3.7158

#1	90.169	.86448	-.03284	.00533	.15903	.0764	.70690	3.4079
#2	90.499	.86666	-.03111	.00522	.15351	.0762	.70859	3.2334

Sample Name: J5019-04 Acquired: 9/22/2018 3:39:36 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4022
 Stddev .3905
 %RSD 6.0989

#1 6.1261
 #2 6.6783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.3	94628.	9528.3	231.71	6103.5
Stddev	13.2	63.	59.6	2.52	12.1
%RSD	.32341	.06628	.62570	1.0896	.19888

#1	4100.6	94583.	9570.5	233.50	6112.0
#2	4081.9	94672.	9486.2	229.93	6094.9

Sample Name: J5019-05 Acquired: 9/22/2018 3:43:47 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00734	-.00040	.00230	.00213	-.00673	-.00510	.02233	.00004
Stddev	.00402	.00039	.00101	.00183	.00005	.00841	.00013	.00000
%RSD	54.754	96.889	43.669	85.944	.74793	164.86	.60267	2.8934

#1	.00450	-.00068	.00159	.00083	-.00669	.00085	.02223	.00004
#2	.01018	-.00013	.00301	.00342	-.00676	-.01105	.02242	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	49.284	-.00027	-.00028	.00185	-.01188	.00148	97.307
Stddev	.00007	.136	.00063	.00002	.00038	.02697	.00001	.609
%RSD	28.222	.27537	228.11	6.9090	20.732	227.09	.89565	.62591

#1	-.00031	49.380	-.00072	-.00029	.00158	-.03095	.00149	97.738
#2	-.00021	49.188	.00017	-.00026	.00212	.00719	.00147	96.877

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00025	776.46	.00178	.00001	32.731	.00077	.35171
Stddev	.00014	.00015	4.12	.00095	.00007	.027	.00035	.00396
%RSD	108.31	59.821	.53095	53.625	772.71	.08178	45.238	1.1265

#1	-.00003	.00014	779.38	.00110	-.00004	32.750	.00052	.34890
#2	-.00023	.00036	773.55	.00245	.00006	32.712	.00101	.35451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.787	.84687	-.02886	.00284	.12343	.0712	.64366	2.7038
Stddev	.202	.00128	.00072	.00262	.00420	.0018	.00075	.1299
%RSD	.25368	.15087	2.4981	92.461	3.4049	2.485	.11693	4.8060

#1	79.930	.84597	-.02937	.00469	.12045	.0700	.64313	2.6119
#2	79.644	.84778	-.02835	.00098	.12640	.0725	.64420	2.7957

Sample Name: J5019-05 Acquired: 9/22/2018 3:43:47 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.6108
 Stddev .2067
 %RSD 3.6830

#1 5.4647
 #2 5.7569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4122.5	95893.	9549.3	231.21	6190.4
Stddev	2.2	123.	6.9	1.91	1.9
%RSD	.05335	.12867	.07199	.82427	.03014

#1	4124.1	95980.	9554.2	229.87	6189.1
#2	4121.0	95806.	9544.5	232.56	6191.7

Sample Name: CCV18 Acquired: 9/22/2018 3:47:57 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	5.0076	5.0462	4.8862	5.0782	5.1306	10.669	10.332	.24829
Stddev	.0143	.0082	.0221	.0131	.0054	.110	.030	.00040
%RSD	.28609	.16200	.45212	.25837	.10572	1.0330	.28830	.16226
#1	4.9974	5.0520	4.8706	5.0874	5.1344	10.747	10.353	.24858
#2	5.0177	5.0405	4.9018	5.0689	5.1267	10.591	10.311	.24801
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4784	24.637	1.0342	2.4606	1.2791	5.1155	2.5203	24.051
Stddev	.0052	.068	.0036	.0006	.0004	.0644	.0040	.005
%RSD	.21146	.27642	.35129	.02325	.03410	1.2599	.15852	.01991
#1	2.4747	24.685	1.0368	2.4610	1.2788	5.1611	2.5231	24.054
#2	2.4821	24.589	1.0317	2.4602	1.2794	5.0699	2.5175	24.047
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4657	1.2500	25.887	2.5392	2.5512	25.515	5.0594	4.8472
Stddev	.0056	.0005	.026	.0063	.0225	.024	.0007	.0284
%RSD	.22498	.04347	.10019	.24895	.88221	.09538	.01418	.58648
#1	2.4617	1.2496	25.906	2.5437	2.5671	25.532	5.0588	4.8271
#2	2.4696	1.2504	25.869	2.5348	2.5353	25.498	5.0599	4.8673
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9798	4.7321	4.8245	5.0341	4.8043	5.051	5.1036	F 2.6247
Stddev	.0063	.0160	.0086	.0068	.0149	.006	.0158	.1159
%RSD	.12691	.33924	.17734	.13496	.30975	.1202	.31011	4.4163
#1	4.9843	4.7208	4.8184	5.0293	4.8148	5.047	5.1148	2.7067
#2	4.9753	4.7435	4.8305	5.0389	4.7938	5.056	5.0924	2.5427

Sample Name: CCV18 Acquired: 9/22/2018 3:47:57 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7106
Stddev	.1821
%RSD	3.8648

#1	4.5819
#2	4.8393

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4182.9	97650.	9209.6	222.88	6709.3
Stddev	13.8	331.	8.2	2.89	19.4
%RSD	.32911	.33919	.08916	1.2971	.28850

#1	4173.2	97416.	9203.8	220.84	6695.7
#2	4192.6	97884.	9215.4	224.93	6723.0

Sample Name: CCB18 Acquired: 9/22/2018 3:51:45 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.00199	-.00046	.00122	-.00309	.01059	.00195	.00003
Stddev	.00223	.00120	.00010	.00077	.00210	.00795	.00022	.00010
%RSD	628.06	60.403	20.553	63.558	67.953	75.045	11.270	345.36
#1	.00122	.00114	-.00040	.00067	-.00457	.01621	.00179	-.00004
#2	-.00193	.00284	-.00053	.00177	-.00160	.00497	.00211	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00590	.00057	-.00003	-.00029	-.01144	.00024	.02797
Stddev	.00003	.00291	.00026	.00015	.00047	.00791	.00003	.00413
%RSD	16.272	49.243	45.764	510.33	163.16	69.194	13.684	14.756
#1	.00016	.00385	.00039	-.00014	-.00062	-.01703	.00022	.02505
#2	.00020	.00795	.00076	.00008	.00004	-.00584	.00026	.03089
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00037	F .90449	-.00005	.00186	-.01832	.00035	.01564
Stddev	.00018	.00016	.03618	.00005	.00001	.02675	.00018	.00706
%RSD	10.203	42.394	3.9997	92.224	.40001	146.03	52.732	45.115
#1	.00189	-.00026	.87891	-.00009	.00186	-.03723	.00048	.02063
#2	.00163	-.00049	.93007	-.00002	.00185	.00060	.00022	.01065
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	-.00638	.00062	.00517	F .01655	.0033	.00020	F 1.3084
Stddev	.00318	.00153	.00052	.00143	.00175	.0027	.00003	.2399
%RSD	1826.9	23.987	84.215	27.657	10.555	82.75	13.102	18.333
#1	-.00242	-.00746	.00099	.00416	.01778	.0014	.00022	1.1388
#2	.00207	-.00530	.00025	.00618	.01531	.0052	.00018	1.4780

Sample Name: CCB18 Acquired: 9/22/2018 3:51:45 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5570
 Stddev .3581
 %RSD 14.003

#1 2.3038
 #2 2.8102

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4324.3	101960.	9298.6	231.12	7417.0
Stddev	9.0	149.	2.8	.69	10.6
%RSD	.20783	.14565	.03056	.29969	.14311

#1	4318.0	102060.	9300.7	231.61	7409.5
#2	4330.7	101850.	9296.6	230.63	7424.5

Sample Name: J5019-06 Acquired: 9/22/2018 3:55:52 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00592	.00300	.00353	.00324	-.00551	.00132	.02269	.00003
Stddev	.00159	.00014	.00075	.00525	.00079	.00142	.00056	.00003
%RSD	26.826	4.5807	21.358	161.96	14.271	107.96	2.4698	118.32

#1	.00480	.00291	.00406	-.00047	-.00495	.00232	.02308	.00000
#2	.00704	.00310	.00300	.00695	-.00606	.00031	.02229	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	46.790	-.00054	-.00041	.00189	-.01467	.00173	87.846
Stddev	.00013	.026	.00029	.00013	.00042	.00593	.00000	.258
%RSD	57.012	.05617	53.699	30.359	22.148	40.405	.26483	.29369

#1	-.00031	46.771	-.00074	-.00050	.00159	-.01886	.00173	87.664
#2	-.00013	46.809	-.00033	-.00033	.00218	-.01048	.00173	88.028

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00088	709.11	.00163	.00037	29.423	.00086	.29709
Stddev	.00009	.00007	6.51	.00040	.00002	.093	.00018	.00498
%RSD	14.347	8.2279	.91854	24.731	5.7172	.31630	20.582	1.6754

#1	-.00054	.00083	704.50	.00135	.00035	29.489	.00073	.30061
#2	-.00066	.00093	713.72	.00192	.00038	29.357	.00098	.29357

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.858	.84662	-.02540	.00376	.11912	.0617	.58703	2.3815
Stddev	.208	.00592	.00108	.00046	.00480	.0003	.00205	.1632
%RSD	.28968	.69945	4.2468	12.144	4.0304	.4720	.34912	6.8516

#1	71.711	.85080	-.02617	.00408	.12251	.0619	.58848	2.2661
#2	72.005	.84243	-.02464	.00344	.11572	.0614	.58558	2.4968

Sample Name: J5019-06 Acquired: 9/22/2018 3:55:52 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7395
 Stddev .2552
 %RSD 4.4473

#1 5.9199
 #2 5.5590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4179.0	96986.	9666.1	238.34	6297.9
Stddev	5.9	102.	80.3	3.10	6.5
%RSD	.14054	.10513	.83096	1.3025	.10346

#1	4183.1	96914.	9722.9	240.53	6302.5
#2	4174.8	97058.	9609.3	236.14	6293.2

Sample Name: J5019-07 Acquired: 9/22/2018 4:00:03 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00839	.00142	.00378	-.00095	-.00640	-.01910	.02367	.00006
Stddev	.00496	.00099	.00027	.00257	.00158	.01195	.00014	.00007
%RSD	59.076	69.964	7.1835	270.87	24.612	62.550	.60063	125.85

#1	.00489	.00072	.00397	.00087	-.00529	-.01065	.02377	.00011
#2	.01190	.00212	.00359	-.00277	-.00752	-.02755	.02357	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	62.894	.00019	-.00009	.00138	-.01598	.00999	144.49
Stddev	.00021	.241	.00038	.00020	.00057	.00317	.00009	.71
%RSD	66.927	.38271	200.73	216.85	41.079	19.839	.92891	.49367

#1	-.00046	63.065	-.00008	-.00024	.00178	-.01822	.00992	144.99
#2	-.00016	62.724	.00046	.00005	.00098	-.01374	.01005	143.98

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00017	1131.3	.00214	.00117	49.485	.00115	.51105
Stddev	.00096	.00049	2.8	.00004	.00020	.121	.00003	.00190
%RSD	57.094	293.67	.24599	1.7384	16.983	.24412	2.6141	.37205

#1	-.00101	-.00018	1133.2	.00217	.00103	49.571	.00117	.51239
#2	-.00237	.00051	1129.3	.00212	.00131	49.400	.00113	.50970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	121.63	.88058	-.04377	.00340	.20361	.0809	.91908	3.8433
Stddev	.08	.00000	.00139	.00016	.00437	.0025	.00489	.0879
%RSD	.06406	.00010	3.1818	4.6780	2.1467	3.115	.53237	2.2874

#1	121.58	.88058	-.04475	.00329	.20052	.0827	.92254	3.9054
#2	121.69	.88058	-.04278	.00351	.20670	.0791	.91562	3.7811

Sample Name: J5019-07 Acquired: 9/22/2018 4:00:03 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8919
 Stddev .5282
 %RSD 7.6640

#1 6.5184
 #2 7.2654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.4	92563.	9347.5	227.39	5902.5
Stddev	13.4	55.	53.3	.32	19.6
%RSD	.33402	.05996	.56986	.13996	.33159

#1	4016.9	92602.	9309.8	227.16	5916.4
#2	3997.9	92523.	9385.1	227.61	5888.7

Sample Name: J5019-08 Acquired: 9/22/2018 4:04:15 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00579	-.00003	.00215	.00084	-.00800	-.00855	.02192	-.00001
Stddev	.00246	.00183	.00247	.00519	.00111	.00837	.00066	.00008
%RSD	42.510	6258.9	114.79	617.71	13.838	97.829	3.0045	756.95

#1	.00405	.00126	.00390	-.00283	-.00878	-.00264	.02145	-.00007
#2	.00754	-.00132	.00041	.00451	-.00722	-.01447	.02239	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	46.006	-.00022	-.00023	.00124	-.03195	.00398	86.251
Stddev	.00013	.277	.00103	.00014	.00059	.01271	.00005	.591
%RSD	68.978	.60316	467.35	59.310	47.467	39.772	1.1354	.68488

#1	-.00028	46.203	.00051	-.00013	.00082	-.02296	.00401	86.669
#2	-.00010	45.810	-.00095	-.00033	.00165	-.04093	.00395	85.834

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00116	.00005	705.21	.00157	.00435	29.150	.00050	.30561
Stddev	.00057	.00022	6.32	.00016	.00024	.153	.00013	.01190
%RSD	49.408	446.04	.89661	10.182	5.6047	.52315	26.711	3.8935

#1	-.00156	.00021	709.68	.00146	.00418	29.258	.00040	.31402
#2	-.00075	-.00011	700.74	.00169	.00452	29.043	.00059	.29720

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.708	.81070	-.02471	.00309	.12042	.0665	.58476	2.9531
Stddev	.038	.00635	.00091	.00169	.01606	.0002	.00269	.0488
%RSD	.05422	.78368	3.6926	54.910	13.337	.3650	.46056	1.6534

#1	70.735	.81519	-.02407	.00189	.13178	.0667	.58666	2.9185
#2	70.681	.80620	-.02536	.00428	.10906	.0663	.58285	2.9876

Sample Name: J5019-08 Acquired: 9/22/2018 4:04:15 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.2820
Stddev .3297
%RSD 5.2488

#1 6.5151
#2 6.0488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.6	95653.	9529.0	233.53	6215.8
Stddev	12.2	269.	32.1	2.49	6.6
%RSD	.29527	.28153	.33663	1.0662	.10600

#1	4126.2	95844.	9506.3	231.77	6220.5
#2	4109.0	95463.	9551.6	235.29	6211.2

Sample Name: J5019-09 Acquired: 9/22/2018 4:08:26 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00162	.00288	.00240	-.00773	-.02416	.02309	.00011
Stddev	.00584	.00285	.00154	.00520	.00156	.00859	.00017	.00006
%RSD	460.26	176.17	53.624	216.80	20.171	35.535	.73480	53.110

#1	.00540	.00363	.00397	.00608	-.00884	-.01809	.02297	.00007
#2	-.00286	-.00040	.00179	-.00128	-.00663	-.03023	.02321	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	46.517	-.00040	-.00027	.00211	-.01473	.00441	87.893
Stddev	.00007	.198	.00025	.00018	.00049	.00108	.00003	.010
%RSD	19.551	.42545	62.530	68.157	23.257	7.3105	.78295	.01094

#1	-.00039	46.378	-.00023	-.00014	.00176	-.01397	.00443	87.886
#2	-.00029	46.657	-.00058	-.00040	.00245	-.01549	.00439	87.900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00035	704.32	.00138	.00051	29.354	.00051	.30485
Stddev	.00044	.00005	1.14	.00001	.00010	.416	.00015	.00535
%RSD	47.198	15.334	.16207	.60103	19.482	1.4166	30.116	1.7553

#1	-.00062	-.00039	705.12	.00138	.00058	29.060	.00062	.30863
#2	-.00125	-.00031	703.51	.00137	.00044	29.648	.00040	.30106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	71.659	.81243	-.02456	.00278	.12298	.0666	.58768	2.9535
Stddev	.010	.01223	.00008	.00181	.00329	.0037	.00608	.0249
%RSD	.01463	1.5060	.31880	65.073	2.6724	5.506	1.0338	.84375

#1	71.652	.80378	-.02451	.00150	.12066	.0640	.58339	2.9711
#2	71.667	.82108	-.02462	.00406	.12531	.0692	.59198	2.9359

Sample Name: J5019-09 Acquired: 9/22/2018 4:08:26 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.2654
 Stddev .0316
 %RSD .60051

#1 5.2430
 #2 5.2877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.1	95784.	9542.3	233.74	6229.4
Stddev	2.4	58.	106.9	2.27	6.2
%RSD	.05858	.06048	1.1205	.97063	.10025

#1	4137.9	95743.	9617.9	235.34	6225.0
#2	4134.4	95825.	9466.7	232.13	6233.9

Sample Name: J5019-10 Acquired: 9/22/2018 4:12:37 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00171	.00455	.00272	.00436	-.00469	-.01265	.02208	.00005
Stddev	.00016	.00024	.00038	.00466	.00221	.00221	.00044	.00000
%RSD	9.6184	5.1659	13.848	106.87	47.252	17.453	1.9904	4.9616

#1	.00182	.00472	.00299	.00106	-.00625	-.01421	.02177	.00005
#2	.00159	.00439	.00245	.00765	-.00312	-.01109	.02239	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	43.221	-.00003	.00012	.00181	-.02801	.00401	76.429
Stddev	.00009	.148	.00096	.00007	.00034	.01206	.00010	.144
%RSD	24.925	.34203	3688.4	58.629	18.763	43.052	2.5141	.18905

#1	-.00041	43.325	-.00071	.00017	.00205	-.03653	.00408	76.327
#2	-.00028	43.116	.00066	.00007	.00157	-.01948	.00394	76.532

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00051	610.58	.00177	-.00001	25.570	.00072	.28034
Stddev	.00006	.00007	2.11	.00041	.00021	.285	.00004	.00299
%RSD	13.612	13.678	.34513	23.305	3294.0	1.1151	5.5257	1.0673

#1	-.00047	-.00046	609.09	.00148	-.00015	25.368	.00074	.27823
#2	-.00038	-.00055	612.07	.00207	.00014	25.771	.00069	.28246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.025	.77982	-.02150	.00457	.09278	.0632	.52136	2.6550
Stddev	.018	.00554	.00145	.00137	.00435	.0006	.00481	.0599
%RSD	.02915	.71043	6.7381	29.996	4.6925	.9391	.92349	2.2563

#1	62.013	.77590	-.02252	.00554	.08970	.0627	.51795	2.6973
#2	62.038	.78374	-.02048	.00360	.09586	.0636	.52476	2.6126

Sample Name: J5019-10 Acquired: 9/22/2018 4:12:37 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.0997
 Stddev .4279
 %RSD 7.0152

#1 5.7972
 #2 6.4023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4181.6	97268.	9648.5	237.87	6340.7
Stddev	5.9	346.	124.6	7.16	2.7
%RSD	.14160	.35538	1.2920	3.0099	.04189

#1	4185.7	97024.	9736.6	242.93	6342.6
#2	4177.4	97513.	9560.3	232.80	6338.9

Sample Name: J5019-11 Acquired: 9/22/2018 4:16:48 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00205	.00411	-.00408	-.00586	-.02423	.02294	-.00004
Stddev	.00206	.00030	.00005	.00224	.00144	.00126	.00001	.00004
%RSD	185.89	14.661	1.2241	54.870	24.590	5.1825	.02708	103.02

#1	-.00035	.00184	.00415	-.00567	-.00485	-.02334	.02294	-.00001
#2	.00257	.00227	.00408	-.00250	-.00688	-.02512	.02294	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	53.478	-.00070	-.00021	.00159	-.01743	.00760	111.16
Stddev	.00005	.267	.00008	.00025	.00084	.00935	.00001	.52
%RSD	19.583	.50000	11.959	120.35	52.938	53.627	.10179	.47165

#1	-.00020	53.289	-.00064	-.00039	.00099	-.01082	.00760	110.79
#2	-.00027	53.667	-.00076	-.00003	.00218	-.02404	.00761	111.53

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	.00043	873.74	.00158	.00094	37.258	.00090	.38609
Stddev	.00079	.00021	7.49	.00033	.00009	.218	.00055	.00047
%RSD	46.936	49.024	.85703	20.665	9.4882	.58450	61.116	.12290

#1	-.00113	.00058	868.45	.00135	.00088	37.104	.00129	.38575
#2	-.00225	.00028	879.04	.00181	.00101	37.412	.00051	.38642

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.085	.84634	-.03259	.00264	.15108	.0693	.72129	2.9919
Stddev	.032	.02948	.00211	.00090	.00109	.0004	.00089	.4619
%RSD	.03516	3.4836	6.4626	34.259	.72049	.5824	.12328	15.439

#1	91.062	.82549	-.03408	.00328	.15185	.0695	.72066	3.3185
#2	91.108	.86719	-.03110	.00200	.15031	.0690	.72192	2.6653

Sample Name: J5019-11 Acquired: 9/22/2018 4:16:48 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.3105
 Stddev .4636
 %RSD 7.3466

#1 5.9826
 #2 6.6383

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4088.3	94872.	9490.7	230.37	6099.6
Stddev	5.1	444.	73.8	.86	7.7
%RSD	.12486	.46828	.77802	.37421	.12553

#1	4091.9	94558.	9542.9	230.98	6094.2
#2	4084.7	95186.	9438.5	229.76	6105.0

Sample Name: J5019-12 Acquired: 9/22/2018 4:20:59 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00346	.00111	.00015	-.00699	-.00522	.02217	-.00000
Stddev	.00248	.00284	.00288	.00026	.00161	.02716	.00074	.00010
%RSD	639.70	82.049	258.34	169.78	22.947	519.96	3.3521	2733.0

#1	.00137	.00547	.00315	-.00003	-.00586	-.02443	.02269	-.00007
#2	-.00214	.00145	-.00092	.00034	-.00813	.01398	.02164	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	47.709	-.00057	-.00039	.00141	-.00777	.00512	91.726
Stddev	.00007	.066	.00041	.00027	.00030	.00241	.00012	.661
%RSD	105.83	.13821	71.969	70.188	21.403	31.012	2.4113	.72095

#1	-.00002	47.756	-.00086	-.00019	.00163	-.00606	.00521	92.193
#2	-.00012	47.662	-.00028	-.00058	.00120	-.00947	.00504	91.258

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00002	732.10	.00132	.00243	30.725	.00117	.32660
Stddev	.00100	.00087	6.75	.00016	.00011	.086	.00053	.00761
%RSD	257.77	3541.2	.92221	12.503	4.5540	.28038	44.828	2.3302

#1	-.00110	-.00064	727.32	.00120	.00235	30.664	.00080	.32122
#2	.00032	.00059	736.87	.00144	.00251	30.786	.00154	.33199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.634	.81377	-.02674	.00387	.11982	.0671	.60832	2.9664
Stddev	.270	.00188	.00239	.00420	.00189	.0038	.00170	.2849
%RSD	.36232	.23157	8.9255	108.46	1.5794	5.614	.28008	9.6039

#1	74.825	.81244	-.02843	.00684	.12116	.0698	.60711	2.7650
#2	74.443	.81510	-.02505	.00090	.11848	.0645	.60952	3.1678

Sample Name: J5019-12 Acquired: 9/22/2018 4:20:59 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.8166
 Stddev .0422
 %RSD .72528

#1 5.7868
 #2 5.8464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4141.5	95710.	9545.3	233.71	6240.9
Stddev	5.7	509.	15.2	.72	1.5
%RSD	.13657	.53211	.15929	.30771	.02481

#1	4137.5	96071.	9556.1	234.22	6239.8
#2	4145.5	95350.	9534.6	233.21	6241.9

Sample Name: J5019-13 Acquired: 9/22/2018 4:25:10 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00184	-.00089	.00253	.00707	-.00670	-.00042	.02205	.00004
Stddev	.00149	.00096	.00229	.00043	.00035	.02529	.00066	.00003
%RSD	80.663	107.82	90.528	6.0242	5.2691	6072.0	2.9871	87.741

#1	.00079	-.00021	.00091	.00676	-.00695	.01747	.02159	.00006
#2	.00289	-.00156	.00415	.00737	-.00645	-.01830	.02252	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	47.463	-.00040	-.00019	.00190	-.01655	.00502	90.872
Stddev	.00002	.350	.00004	.00040	.00040	.00246	.00003	.626
%RSD	5.5899	.73651	9.8021	207.82	20.942	14.844	.58843	.68890

#1	-.00039	47.710	-.00043	.00009	.00218	-.01829	.00500	91.315
#2	-.00036	47.216	-.00037	-.00047	.00162	-.01481	.00504	90.430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.00001	725.06	.00192	.00021	30.500	.00090	.32956
Stddev	.00001	.00015	.38	.00087	.00003	.085	.00001	.00415
%RSD	1.0186	1130.7	.05279	45.052	14.918	.27811	.76880	1.2587

#1	-.00096	-.00009	725.33	.00131	.00019	30.560	.00090	.32663
#2	-.00098	.00012	724.79	.00254	.00024	30.440	.00091	.33249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.869	.81643	-.02665	.00301	.11167	.0676	.60542	3.3577
Stddev	.077	.00390	.00001	.00018	.00190	.0015	.00358	.0704
%RSD	.10247	.47822	.03028	6.1459	1.7055	2.231	.59179	2.0967

#1	74.923	.81367	-.02664	.00288	.11301	.0665	.60795	3.3079
#2	74.814	.81919	-.02665	.00314	.11032	.0686	.60288	3.4074

Sample Name: J5019-13 Acquired: 9/22/2018 4:25:10 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5909
 Stddev .2164
 %RSD 3.8709

#1 5.7440
 #2 5.4379

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.4	94936.	9536.4	231.61	6178.9
Stddev	1.3	304.	25.9	2.42	6.6
%RSD	.03156	.32015	.27108	1.0455	.10628

#1	4102.5	95151.	9518.1	233.32	6183.5
#2	4104.4	94721.	9554.6	229.90	6174.2

Sample Name: J5019-14 Acquired: 9/22/2018 4:29:20 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00318	.00159	.00321	.00076	-.00615	.00110	.02210	-.00005
Stddev	.00496	.00019	.00025	.00845	.00078	.00128	.00099	.00001
%RSD	155.70	12.003	7.9504	1114.7	12.705	116.55	4.4666	9.5283

#1	-.00032	.00146	.00339	.00673	-.00670	.00019	.02140	-.00006
#2	.00669	.00173	.00303	-.00522	-.00560	.00200	.02280	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	45.232	-.00040	-.00017	.00170	-.01609	.00347	84.725
Stddev	.00015	.079	.00085	.00010	.00003	.01455	.00006	.400
%RSD	94.952	.17491	211.00	57.456	1.9014	90.424	1.7333	.47167

#1	-.00005	45.176	-.00100	-.00010	.00168	-.02638	.00343	84.442
#2	-.00026	45.288	.00020	-.00024	.00172	-.00580	.00351	85.007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00047	675.89	.00177	.00022	28.248	.00045	.29663
Stddev	.00027	.00054	6.86	.00028	.00002	.141	.00015	.01422
%RSD	37.311	114.23	1.0147	15.959	7.2873	.49815	33.845	4.7939

#1	-.00093	-.00085	680.74	.00197	.00020	28.348	.00056	.28657
#2	-.00054	-.00009	671.04	.00157	.00023	28.149	.00034	.30668

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.894	.78739	-.02477	.00350	.12808	.0611	.56729	2.7178
Stddev	.275	.00317	.00015	.00061	.00903	.0047	.00386	.0007
%RSD	.39911	.40318	.58926	17.406	7.0484	7.707	.68034	.02467

#1	68.700	.78514	-.02488	.00307	.13446	.0644	.57002	2.7173
#2	69.088	.78963	-.02467	.00394	.12170	.0577	.56456	2.7182

Sample Name: J5019-14 Acquired: 9/22/2018 4:29:20 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.9243
 Stddev .1751
 %RSD 2.9557

#1 5.8005
 #2 6.0481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4154.5	96605.	9562.7	234.33	6273.1
Stddev	2.0	121.	65.0	3.75	1.3
%RSD	.04822	.12529	.67939	1.6000	.02111

#1	4156.0	96691.	9516.8	231.68	6274.1
#2	4153.1	96519.	9608.7	236.98	6272.2

Sample Name: J5019-15 Acquired: 9/22/2018 4:33:31 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00425	.00142	.00359	-.00078	-.00619	-.00349	.02169	.00005
Stddev	.00075	.00002	.00103	.00126	.00265	.00273	.00102	.00003
%RSD	17.616	1.0587	28.590	161.60	42.773	78.088	4.6882	54.865

#1	.00478	.00141	.00286	-.00167	-.00432	-.00542	.02098	.00003
#2	.00372	.00143	.00431	.00011	-.00806	-.00156	.02241	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	45.185	-.00045	.00004	.00132	-.00494	.00339	83.606
Stddev	.00002	.184	.00012	.00031	.00004	.00678	.00014	.520
%RSD	10.846	.40770	26.676	712.86	2.8645	137.29	4.1004	.62246

#1	-.00017	45.055	-.00053	.00026	.00134	-.00014	.00329	83.238
#2	-.00019	45.315	-.00036	-.00018	.00129	-.00973	.00348	83.974

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	-.00044	671.83	.00198	.00024	28.156	.00072	.30273
Stddev	.00005	.00021	.11	.00042	.00007	.152	.00034	.01184
%RSD	4.7627	46.980	.01686	21.333	27.917	.53889	47.631	3.9095

#1	-.00104	-.00058	671.75	.00168	.00028	28.048	.00096	.29436
#2	-.00111	-.00029	671.91	.00228	.00019	28.263	.00048	.31110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.982	.79171	-.02398	.00436	.09318	.0665	.56533	3.0197
Stddev	.090	.01904	.00184	.00213	.01857	.0022	.00218	.1902
%RSD	.13241	2.4044	7.6775	48.955	19.927	3.273	.38556	6.2998

#1	68.046	.77825	-.02268	.00587	.08005	.0649	.56379	3.1542
#2	67.918	.80517	-.02528	.00285	.10630	.0680	.56687	2.8852

Sample Name: J5019-15 Acquired: 9/22/2018 4:33:31 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5946
 Stddev .1558
 %RSD 2.7845

#1 5.7048
 #2 5.4845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4169.2	96407.	9556.1	232.12	6285.9
Stddev	7.8	89.	52.8	.83	2.4
%RSD	.18774	.09272	.55266	.35548	.03862

#1	4163.7	96344.	9593.5	232.70	6284.2
#2	4174.8	96470.	9518.8	231.53	6287.6

Sample Name: CCV19 Acquired: 9/22/2018 4:37:42 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.9161	4.9531	4.7867	4.9771	5.0221	10.453	10.049	.24337
Stddev	.0153	.0101	.0068	.0303	.0031	.070	.064	.00054
%RSD	.31051	.20408	.14287	.60858	.06129	.67039	.63339	.22040
#1	4.9269	4.9460	4.7916	4.9985	5.0243	10.502	10.094	.24299
#2	4.9053	4.9603	4.7819	4.9557	5.0200	10.403	10.004	.24375
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4309	24.060	1.0119	2.4169	1.2579	4.9880	2.4590	23.638
Stddev	.0051	.065	.0009	.0060	.0034	.0598	.0008	.323
%RSD	.20826	.27077	.08805	.24764	.26989	1.1986	.03129	1.3668
#1	2.4273	24.014	1.0125	2.4127	1.2603	4.9457	2.4595	23.409
#2	2.4345	24.106	1.0113	2.4211	1.2555	5.0302	2.4585	23.866
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4180	1.2280	25.173	2.4772	2.4915	24.876	4.9663	4.7889
Stddev	.0021	.0022	.027	.0062	.0465	.045	.0177	.0014
%RSD	.08571	.18133	.10638	.24961	1.8671	.17955	.35648	.02878
#1	2.4195	1.2296	25.192	2.4728	2.4586	24.907	4.9788	4.7899
#2	2.4165	1.2265	25.154	2.4816	2.5244	24.844	4.9538	4.7879
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8581	4.6363	4.7193	4.9355	4.6575	4.955	4.9747	F 2.0778
Stddev	.0046	.0011	.0133	.0034	.0013	.001	.0194	.0436
%RSD	.09552	.02308	.28174	.06812	.02833	.0208	.38973	2.0977
#1	4.8548	4.6356	4.7099	4.9332	4.6584	4.955	4.9884	2.1086
#2	4.8614	4.6371	4.7287	4.9379	4.6566	4.954	4.9610	2.0470

Sample Name: CCV19 Acquired: 9/22/2018 4:37:42 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.8300
Stddev .1996
%RSD 5.2109

#1 3.6889
#2 3.9711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4212.2	99189.	9338.5	224.88	6762.7
Stddev	24.0	146.	12.1	3.70	11.4
%RSD	.56957	.14702	.12996	1.6462	.16865

#1	4195.2	99086.	9329.9	227.49	6754.6
#2	4229.1	99292.	9347.1	222.26	6770.7

Sample Name: CCB19 Acquired: 9/22/2018 4:41:30 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	-.00034	.00364	-.00099	-.00508	-.00411	.01157	.00238	-.00008
Stddev	.00046	.00048	.00164	.00020	.00029	.01015	.00103	.00003
%RSD	136.82	13.127	165.56	3.8680	6.9927	87.758	43.226	32.810
#1	-.00066	.00331	.00017	-.00522	-.00431	.00439	.00311	-.00010
#2	-.00001	.00398	-.00215	-.00494	-.00391	.01875	.00166	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01215	.00022	-.00017	-.00041	.00485	.00020	.02448
Stddev	.00009	.00219	.00020	.00006	.00016	.01034	.00004	.00149
%RSD	94.310	18.007	91.387	36.850	39.414	213.35	20.302	6.1040
#1	.00003	.01060	.00036	-.00012	-.00052	.01216	.00023	.02554
#2	.00016	.01369	.00008	-.00021	-.00029	-.00246	.00017	.02343
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00005	F 1.0943	.00020	.00191	.00194	.00080	.01776
Stddev	.00074	.00008	.0361	.00063	.00021	.01044	.00007	.00419
%RSD	52.245	155.46	3.2979	313.87	11.258	538.71	8.5051	23.592
#1	.00195	-.00011	1.0688	-.00024	.00206	.00932	.00085	.02072
#2	.00090	.00001	1.1198	.00064	.00175	-.00545	.00075	.01479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	-.00676	-.00097	.00675	F .02014	.0023	.00019	F 1.2976
Stddev	.00186	.00217	.00021	.00211	.00620	.0039	.00012	.1500
%RSD	64.328	32.183	21.624	31.214	30.806	173.5	64.178	11.559
#1	.00158	-.00829	-.00112	.00824	.01575	-.0005	.00028	1.4037
#2	.00422	-.00522	-.00082	.00526	.02453	.0050	.00011	1.1916

Sample Name: CCB19 Acquired: 9/22/2018 4:41:30 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1869
Stddev .2257
%RSD 10.321

#1 2.0273
#2 2.3465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.9	101680.	9240.2	228.46	7405.0
Stddev	14.5	7.	28.9	4.55	18.1
%RSD	.33701	.00728	.31285	1.9905	.24419

#1	4304.7	101690.	9219.8	225.25	7392.3
#2	4325.2	101670.	9260.7	231.68	7417.8

Sample Name: J5019-16 Acquired: 9/22/2018 4:45:37 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00260	.00243	-.00028	-.00500	.00182	.02195	.00011
Stddev	.00127	.00086	.00014	.00140	.00207	.02037	.00057	.00006
%RSD	552.84	33.221	5.6056	496.72	41.409	1120.4	2.6122	49.915

#1	.00113	.00321	.00252	-.00127	-.00354	-.01259	.02155	.00015
#2	-.00067	.00199	.00233	.00071	-.00647	.01622	.02236	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	44.940	-.00030	-.00004	.00196	-.00912	.00336	82.707
Stddev	.00015	.067	.00010	.00008	.00036	.00096	.00011	.526
%RSD	66.650	.14992	33.487	183.84	18.454	10.523	3.1519	.63545

#1	-.00032	44.988	-.00023	-.00010	.00171	-.00844	.00328	83.078
#2	-.00012	44.892	-.00037	.00001	.00222	-.00980	.00343	82.335

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	.00063	666.21	.00113	.00004	27.671	.00023	.29903
Stddev	.00051	.00026	1.30	.00029	.00002	.141	.00020	.00195
%RSD	78.484	41.628	.19582	25.371	49.537	.50795	87.366	.65065

#1	-.00029	.00081	667.13	.00134	.00005	27.572	.00037	.30040
#2	-.00102	.00044	665.29	.00093	.00003	27.771	.00009	.29765

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	66.315	.79268	-.02265	.00254	.10781	.0630	.55717	2.5175
Stddev	.185	.01312	.00035	.00278	.01651	.0009	.00004	.2477
%RSD	.27924	1.6550	1.5539	109.70	15.310	1.407	.00761	9.8399

#1	66.446	.78340	-.02240	.00057	.11948	.0624	.55720	2.6927
#2	66.184	.80196	-.02290	.00450	.09614	.0636	.55714	2.3423

Sample Name: J5019-16 Acquired: 9/22/2018 4:45:37 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.0169
 Stddev .6421
 %RSD 10.671

#1 6.4709
 #2 5.5629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4214.2	97262.	9578.9	235.36	6359.2
Stddev	.5	190.	50.5	1.53	8.9
%RSD	.01160	.19519	.52695	.64895	.13943

#1	4214.6	97128.	9614.6	236.44	6352.9
#2	4213.9	97396.	9543.3	234.28	6365.5

Sample Name: J5019-17 Acquired: 9/22/2018 4:49:48 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00898	.00151	.00337	.00188	-.00419	.00312	.02156	-.00006
Stddev	.00220	.00270	.00249	.00062	.00052	.00798	.00036	.00004
%RSD	24.461	179.44	73.835	33.107	12.516	256.17	1.6477	75.234

#1	.00743	.00342	.00161	.00232	-.00457	-.00253	.02181	-.00003
#2	.01053	-.00041	.00513	.00144	-.00382	.00876	.02131	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	48.230	-.00096	-.00027	.00096	-.02027	.00528	94.234
Stddev	.00001	.204	.00030	.00001	.00107	.00697	.00007	.317
%RSD	18.740	.42390	31.094	4.7750	112.04	34.379	1.3372	.33613

#1	-.00004	48.085	-.00075	-.00028	.00172	-.01534	.00523	94.010
#2	-.00003	48.375	-.00117	-.00026	.00020	-.02519	.00533	94.458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	.00019	760.70	.00118	.00052	31.580	.00106	.33224
Stddev	.00013	.00095	1.60	.00028	.00015	.167	.00019	.00727
%RSD	15.166	499.24	.21086	23.634	29.548	.52791	17.462	2.1879

#1	-.00074	.00087	759.57	.00138	.00063	31.462	.00119	.33738
#2	-.00092	-.00048	761.84	.00098	.00041	31.698	.00093	.32710

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.795	.82843	-.02805	.00304	.11942	.0676	.62446	2.7274
Stddev	.190	.01424	.00132	.00150	.00043	.0011	.00418	.3468
%RSD	.24790	1.7192	4.7002	49.266	.35811	1.640	.66977	12.715

#1	76.660	.81836	-.02898	.00410	.11972	.0684	.62150	2.9726
#2	76.930	.83850	-.02712	.00198	.11912	.0668	.62742	2.4821

Sample Name: J5019-17 Acquired: 9/22/2018 4:49:48 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1347
 Stddev .1178
 %RSD 1.9204

#1 6.2180
 #2 6.0514

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4140.5	96288.	9579.3	234.96	6216.2
Stddev	3.0	229.	67.4	2.14	23.0
%RSD	.07271	.23767	.70325	.91028	.37036

#1	4142.6	96127.	9626.9	236.47	6232.4
#2	4138.3	96450.	9531.6	233.45	6199.9

Sample Name: J5019-18 Acquired: 9/22/2018 4:53:59 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00412	.00374	.00400	.00100	-.00672	-.02916	.02325	-.00002
Stddev	.00217	.00481	.00140	.00050	.00153	.00781	.00060	.00002
%RSD	52.733	128.83	34.885	49.704	22.703	26.769	2.5670	108.48

#1	.00566	.00714	.00302	.00065	-.00780	-.03468	.02368	-.00003
#2	.00259	.00033	.00499	.00135	-.00564	-.02364	.02283	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	48.591	-.00071	-.00002	.00188	-.02278	.00576	93.920
Stddev	.00018	.003	.00030	.00034	.00029	.00360	.00007	.399
%RSD	77.838	.00521	42.287	1667.0	15.622	15.796	1.2340	.42470

#1	-.00036	48.593	-.00050	-.00026	.00168	-.02024	.00581	94.202
#2	-.00010	48.589	-.00092	.00022	.00209	-.02533	.00571	93.638

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00002	765.05	.00143	.00140	31.954	.00074	.35106
Stddev	.00012	.00081	3.61	.00028	.00010	.136	.00014	.01015
%RSD	11.849	3960.1	.47169	19.247	7.2290	.42449	19.621	2.8910

#1	-.00090	-.00059	767.60	.00163	.00133	32.050	.00084	.35823
#2	-.00106	.00055	762.50	.00124	.00148	31.858	.00063	.34388

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.700	.84830	-.02779	.00115	.12928	.0654	.62987	2.7389
Stddev	.146	.00707	.00020	.00188	.00877	.0016	.00170	.0949
%RSD	.18815	.83307	.71302	164.19	6.7868	2.515	.26996	3.4650

#1	77.804	.85330	-.02793	-.00018	.13549	.0666	.63107	2.6717
#2	77.597	.84331	-.02765	.00248	.12308	.0643	.62867	2.8060

Sample Name: J5019-18 Acquired: 9/22/2018 4:53:59 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7387
Stddev .7896
%RSD 13.760

#1 5.1803
#2 6.2971

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.3	95986.	9517.4	230.88	6196.2
Stddev	.9	22.	11.1	.37	5.1
%RSD	.02225	.02259	.11630	.15833	.08162

#1	4128.0	95970.	9509.6	230.62	6192.7
#2	4126.7	96001.	9525.3	231.14	6199.8

Sample Name: J5019-19 Acquired: 9/22/2018 4:58:11 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	.00054	.00367	.00017	-.00535	-.02384	.02289	.00011
Stddev	.00128	.00393	.00243	.00364	.00066	.00300	.00029	.00000
%RSD	53.050	728.56	66.283	2187.3	12.333	12.575	1.2609	3.6295

#1	.00151	-.00224	.00539	-.00240	-.00489	-.02172	.02309	.00010
#2	.00333	.00332	.00195	.00274	-.00582	-.02596	.02268	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	50.345	-.00035	-.00054	.00093	-.01113	.00533	101.02
Stddev	.00001	.225	.00021	.00022	.00049	.01549	.00004	.35
%RSD	3.4758	.44782	58.836	40.943	52.546	139.12	.77787	.34710

#1	-.00021	50.185	-.00021	-.00070	.00128	-.02209	.00530	100.77
#2	-.00020	50.504	-.00050	-.00039	.00058	-.00018	.00536	101.27

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00085	808.90	.00158	.00020	34.092	.00070	.35852
Stddev	.00045	.00052	3.29	.00066	.00003	.052	.00037	.01417
%RSD	54.669	61.170	.40620	41.748	15.239	.15275	52.508	3.9525

#1	-.00114	-.00048	811.22	.00205	.00017	34.055	.00096	.34850
#2	-.00050	-.00121	806.58	.00111	.00022	34.129	.00044	.36854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	83.068	.85357	-.02991	.00353	.13987	.0715	.66507	3.0648
Stddev	.410	.01180	.00057	.00152	.00953	.0017	.00315	.1234
%RSD	.49358	1.3821	1.9113	43.107	6.8140	2.323	.47326	4.0276

#1	82.778	.84523	-.02950	.00460	.13313	.0704	.66284	3.1521
#2	83.358	.86192	-.03031	.00245	.14661	.0727	.66730	2.9775

Sample Name: J5019-19 Acquired: 9/22/2018 4:58:11 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.7131
 Stddev .0819
 %RSD 1.4333

#1 5.7710
 #2 5.6552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4116.1	95443.	9477.6	230.14	6167.9
Stddev	6.5	191.	46.1	.82	16.7
%RSD	.15810	.20041	.48666	.35825	.27001

#1	4120.7	95578.	9510.2	230.72	6179.7
#2	4111.5	95308.	9445.0	229.56	6156.1

Sample Name: J5019-20 Acquired: 9/22/2018 5:02:22 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	.00109	.00088	.00375	.00272	-.00756	-.00934	.02270	-.00001
Stddev	.00089	.00020	.00056	.00293	.00062	.00870	.00041	.00004
%RSD	81.721	22.172	14.993	107.99	8.1960	93.150	1.8124	660.71

#1	.00173	.00102	.00415	.00064	-.00712	-.00319	.02299	.00002
#2	.00046	.00074	.00335	.00479	-.00799	-.01549	.02241	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	48.609	-.00078	-.00050	.00192	-.02385	.00417	95.031
Stddev	.00008	.245	.00006	.00007	.00018	.00033	.00011	.825
%RSD	26.502	.50496	7.0662	14.400	9.3935	1.3889	2.6924	.86774

#1	-.00024	48.436	-.00082	-.00045	.00179	-.02361	.00425	94.448
#2	-.00035	48.783	-.00074	-.00055	.00204	-.02408	.00409	95.615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00012	768.01	.00147	.00008	32.149	.00082	.35818
Stddev	.00062	.00025	1.84	.00002	.00015	.122	.00017	.00493
%RSD	62.042	210.88	.23914	1.6917	193.08	.37842	20.697	1.3768

#1	-.00145	.00006	766.71	.00145	.00018	32.063	.00070	.35469
#2	-.00057	-.00030	769.31	.00149	-.00003	32.235	.00094	.36166

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.845	.83641	-.02698	.00353	.12407	.0692	.63172	2.8856
Stddev	.471	.00552	.00075	.00452	.01286	.0004	.00225	.0287
%RSD	.60517	.65992	2.7897	127.99	10.369	.6499	.35678	.99336

#1	77.512	.83251	-.02645	.00034	.13317	.0689	.63013	2.9058
#2	78.178	.84032	-.02751	.00673	.11497	.0695	.63331	2.8653

Sample Name: J5019-20 Acquired: 9/22/2018 5:02:22 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.6305
Stddev .1561
%RSD 2.7726

#1 5.5201
#2 5.7409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4118.9	96023.	9511.7	229.68	6189.6
Stddev	5.6	40.	24.2	.34	20.1
%RSD	.13553	.04122	.25468	.14895	.32445

#1	4122.8	96051.	9528.9	229.92	6203.8
#2	4114.9	95995.	9494.6	229.44	6175.4

Sample Name: CCV20 Acquired: 9/22/2018 5:06:33 Type: Unk
Method: P4-ICP2(v2447) Mode: 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	4.9047	4.9543	4.7888	4.9925	5.0479	10.518	10.080	.24404
Stddev	.0107	.0080	.0084	.0026	.0131	.011	.033	.00092
%RSD	.21923	.16124	.17498	.05247	.25876	.10294	.32920	.37732
#1	4.9123	4.9599	4.7947	4.9944	5.0572	10.525	10.056	.24339
#2	4.8971	4.9486	4.7829	4.9906	5.0387	10.510	10.103	.24469
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4308	24.047	1.0097	2.4182	1.2601	4.9300	2.4718	23.330
Stddev	.0017	.135	.0010	.0016	.0054	.0598	.0093	.165
%RSD	.06867	.56055	.10270	.06711	.42772	1.2139	.37724	.70871
#1	2.4320	23.952	1.0105	2.4171	1.2639	4.8877	2.4652	23.213
#2	2.4296	24.143	1.0090	2.4194	1.2562	4.9723	2.4784	23.447
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4203	1.2305	25.132	2.4887	2.4773	24.896	4.9713	4.7577
Stddev	.0021	.0003	.122	.0181	.0363	.076	.0106	.0098
%RSD	.08608	.02622	.48443	.72718	1.4656	.30469	.21233	.20519
#1	2.4188	1.2307	25.046	2.4759	2.4516	24.843	4.9788	4.7646
#2	2.4218	1.2303	25.218	2.5015	2.5029	24.950	4.9639	4.7508
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8857	4.6210	4.7132	4.9092	4.6473	4.960	4.9629	F 2.3920
Stddev	.0088	.0330	.0042	.0027	.0151	.001	.0151	.0585
%RSD	.18048	.71484	.08903	.05531	.32582	.0209	.30408	2.4469
#1	4.8920	4.5976	4.7161	4.9111	4.6580	4.960	4.9522	2.3506
#2	4.8795	4.6443	4.7102	4.9072	4.6366	4.959	4.9736	2.4334

Sample Name: CCV20 Acquired: 9/22/2018 5:06:33 Type: Unk
 Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6002
Stddev	.4280
%RSD	9.3050

#1	4.9029
#2	4.2975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4231.8	99260.	9412.6	227.52	6795.0
Stddev	19.1	45.	13.8	2.97	12.5
%RSD	.45074	.04554	.14628	1.3060	.18454

#1	4218.3	99292.	9422.3	229.62	6786.1
#2	4245.3	99228.	9402.8	225.42	6803.9

Sample Name: CCB20 Acquired: 9/22/2018 5:10:21 Type: Unk
 Method: P4-ICP2(v2447) Mode: 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	-.00159	.00177	-.00122	-.00315	-.00489	.01717	.00147	-.00010
Stddev	.00166	.00208	.00082	.00834	.00237	.00274	.00011	.00000
%RSD	104.35	117.85	67.271	264.37	48.457	15.970	7.4047	4.5642
#1	-.00277	.00324	-.00064	-.00905	-.00656	.01910	.00155	-.00010
#2	-.00042	.00029	-.00180	.00274	-.00321	.01523	.00139	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01425	.00058	-.00031	.00009	-.00664	.00022	-.00138
Stddev	.00021	.00372	.00035	.00023	.00013	.01448	.00006	.01778
%RSD	277.00	26.110	61.432	75.549	141.86	218.07	25.177	1284.9
#1	-.00007	-.01162	.00033	-.00047	-.00000	-.01688	.00018	.01119
#2	.00022	-.01688	.00082	-.00014	.00018	.00360	.00026	-.01396
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	-.00036	F .92773	.00075	.00175	-.01817	.00058	.00786
Stddev	.00026	.00018	.01059	.00011	.00004	.05677	.00019	.01505
%RSD	10.197	48.969	1.1415	14.467	2.2318	312.44	33.271	191.42
#1	.00238	-.00023	.92024	.00068	.00172	-.05831	.00044	-.00278
#2	.00275	-.00048	.93522	.00083	.00178	.02197	.00072	.01850
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	-.00509	-.00017	.00552	-.00665	.0024	.00025	F .69961
Stddev	.00467	.00353	.00072	.00314	.00144	.0014	.00005	.35369
%RSD	110.75	69.378	431.26	56.780	21.625	60.98	18.961	50.556
#1	.00751	-.00758	-.00067	.00774	-.00767	.0034	.00028	.94970
#2	.00091	-.00259	.00034	.00330	-.00564	.0013	.00022	.44951

Sample Name: CCB20 Acquired: 9/22/2018 5:10:21 Type: Unk
Method: P4-ICP2(v2447) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5315
Stddev .0288
%RSD 1.8806

#1 1.5519
#2 1.5112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4384.6	104100.	9591.6	236.52	7524.8
Stddev	14.4	159.	68.8	3.36	18.4
%RSD	.32847	.15267	.71735	1.4203	.24472

#1	4374.5	104210.	9542.9	234.14	7511.7
#2	4394.8	103990.	9640.2	238.89	7537.8