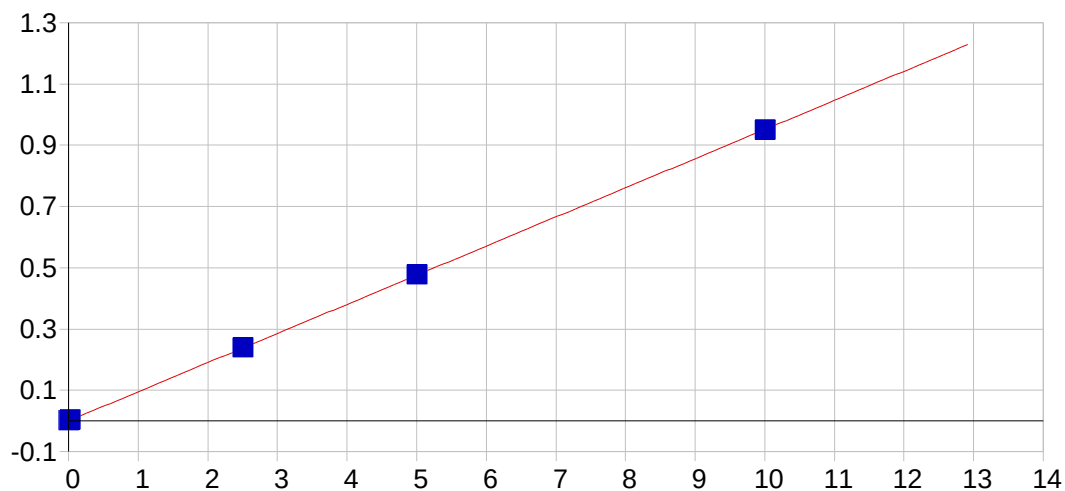


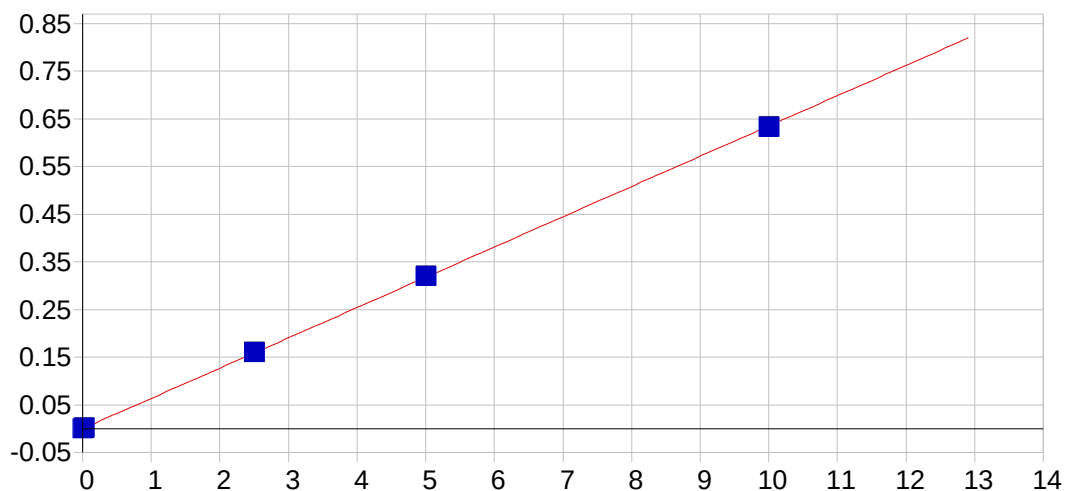


As 189.042 {478}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.095149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002524
 Predicted MQL: 0.008413

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.02000	.02323	.003	16.1	.00218	.000	1
S3	2.5000	2.5172	.017	.686	.23946	.000	1
S4	5.0000	5.0102	.010	.203	.47665	.001	1
S5	10.000	9.9695	-.031	-.305	.94850	.001	1



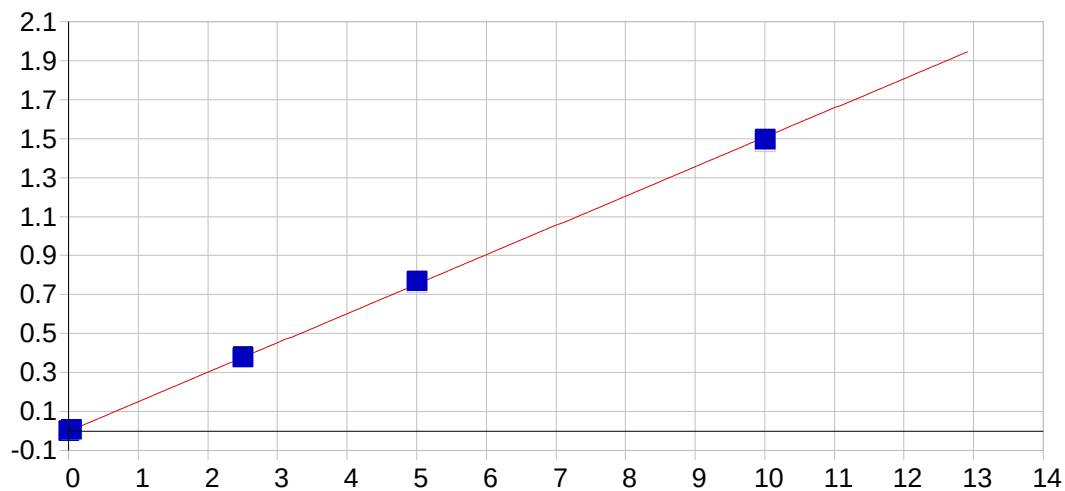
As 189.042 {479}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000

A1 (Gain): 0.063524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002453
 Predicted MQL: 0.008176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.02000	.02311	.003	15.5	.00144	.000	1
S3	2.5000	2.5167	.017	.667	.15984	.000	1
S4	5.0000	5.0195	.020	.390	.31883	.001	1
S5	10.000	9.9607	-.039	-.393	.63272	.000	1

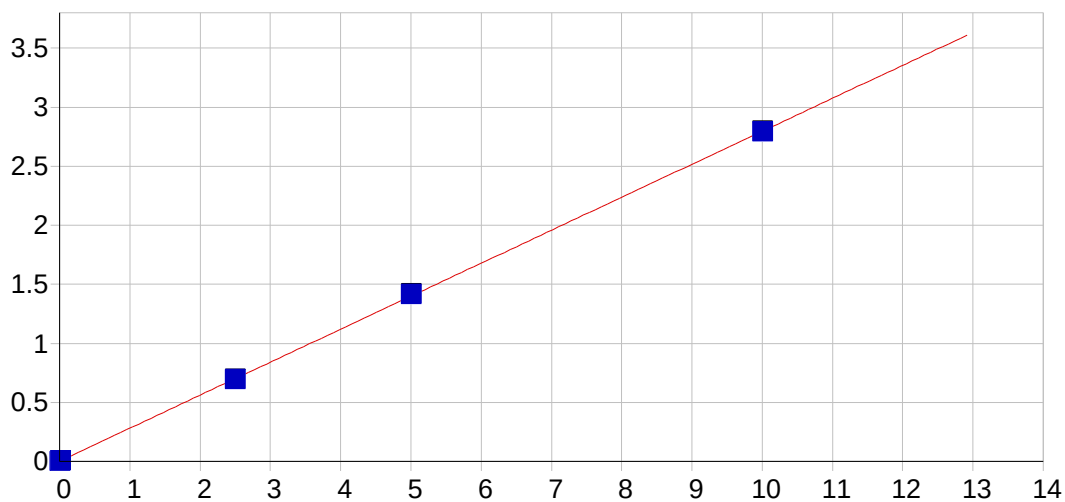


TI 190.856 {477}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.150723 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000999
 Predicted MQL: 0.003329

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.04000	.04189	.002	4.74	.00561	.000	1
S3	2.5000	2.5038	.004	.153	.37297	.001	1
S4	5.0000	5.0827	.083	1.65	.75780	.000	1
S5	10.000	9.9116	-.088	-.884	1.4779	.004	1

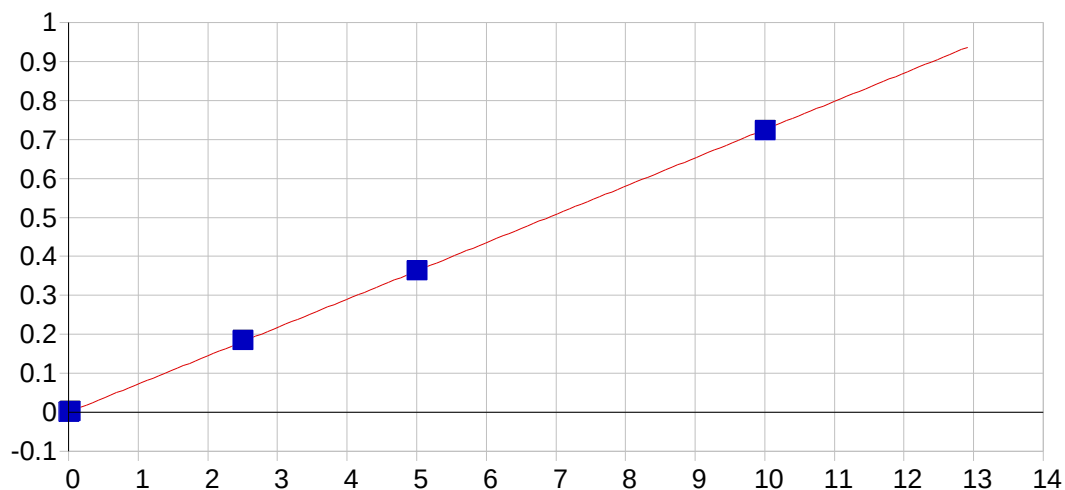


Pb 220.353 {453}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002155 Re-Slope: 1.000000
 A1 (Gain): 0.279368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.000829
 Predicted MQL: 0.002765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00215	.000	1
S1	.01200	.01347	.001	12.3	.00586	.000	1
S3	2.5000	2.4690	-.031	-1.24	.69099	.001	1
S4	5.0000	5.0521	.052	1.04	1.4117	.005	1
S5	10.000	9.9775	-.023	-.225	2.7859	.005	1



Se 196.090 {472}

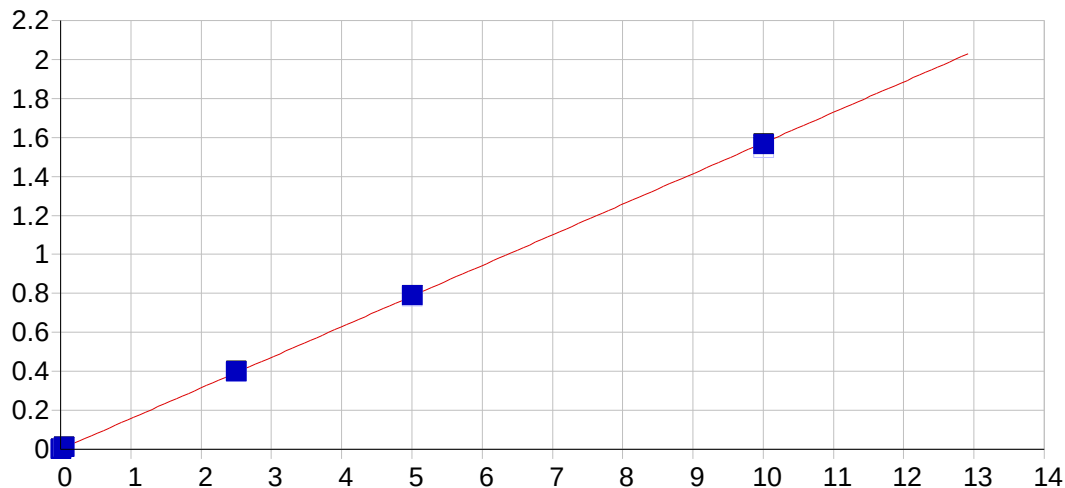
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.072536 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000013
 Predicted MDL: 0.003066
 Predicted MQL: 0.010220

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.02000	.02199	.002	9.97	.00153	.000	1
S3	2.5000	2.5370	.037	1.48	.18394	.001	1
S4	5.0000	5.0095	.010	.191	.36326	.000	1
S5	10.000	9.9515	-.048	-.485	.72169	.001	1



Sb 206.833 {463}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

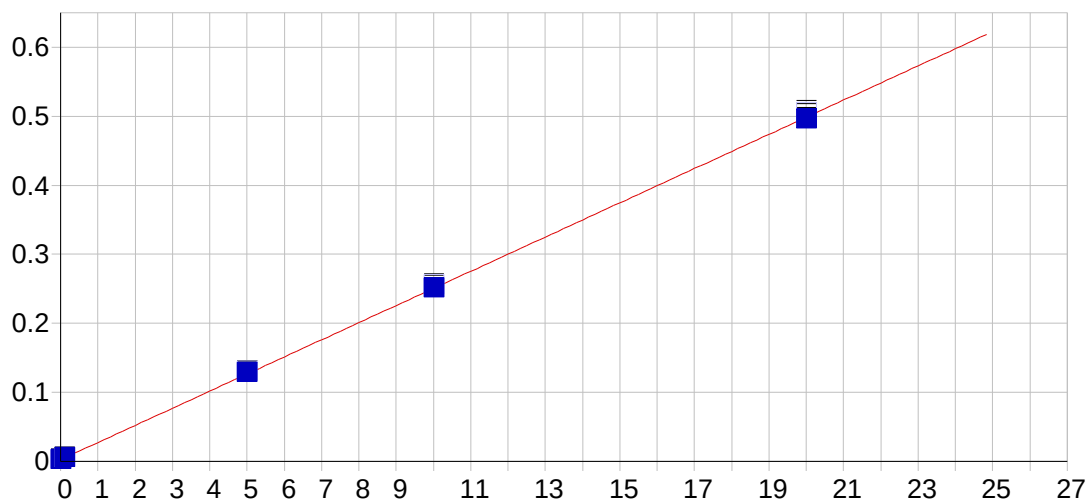
Weighting: 1/Conc

A0 (Offset): 0.000729
 A1 (Gain): 0.157058
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000058
 Predicted MDL: 0.001719
 Predicted MQL: 0.005730

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	.00073	.000	1
S1	.05000	.05671	.007	13.4	.00944	.000	1
S3	2.5000	2.5313	.031	1.25	.39387	.001	1
S4	5.0000	5.0177	.018	.354	.77997	.001	1
S5	10.000	9.9444	-.056	-.556	1.5449	.003	1

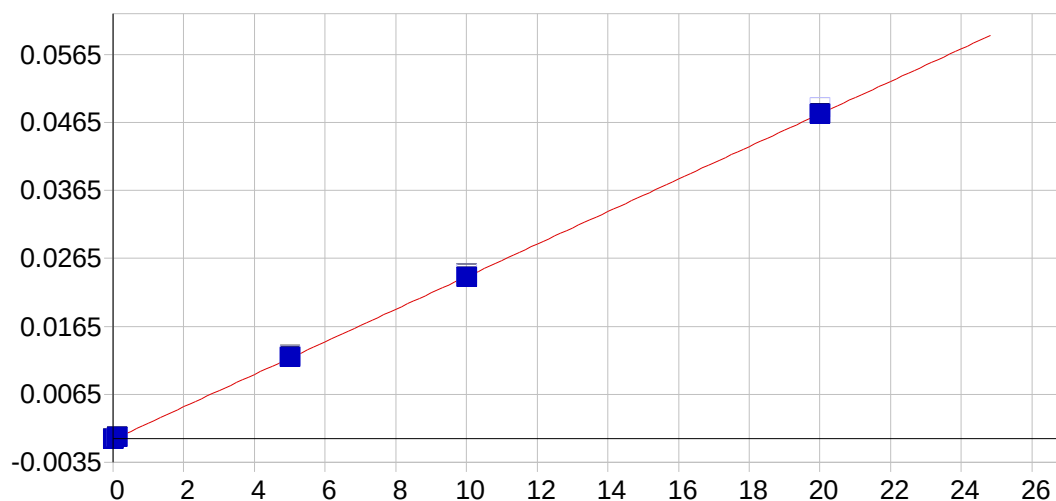


AI 308.215 {109}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002473 Re-Slope: 1.000000
 A1 (Gain): 0.024810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003580
 Predicted MQL: 0.011933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00247	.000	1
S1	.10000	.11470	.015	14.7	.00549	.000	1
S3	5.0000	5.0780	.078	1.56	.13093	.000	1
S4	10.000	10.018	.018	.183	.25596	.001	1
S5	20.000	19.888	-.112	-.558	.50578	.002	1



AI 309.271 {109}

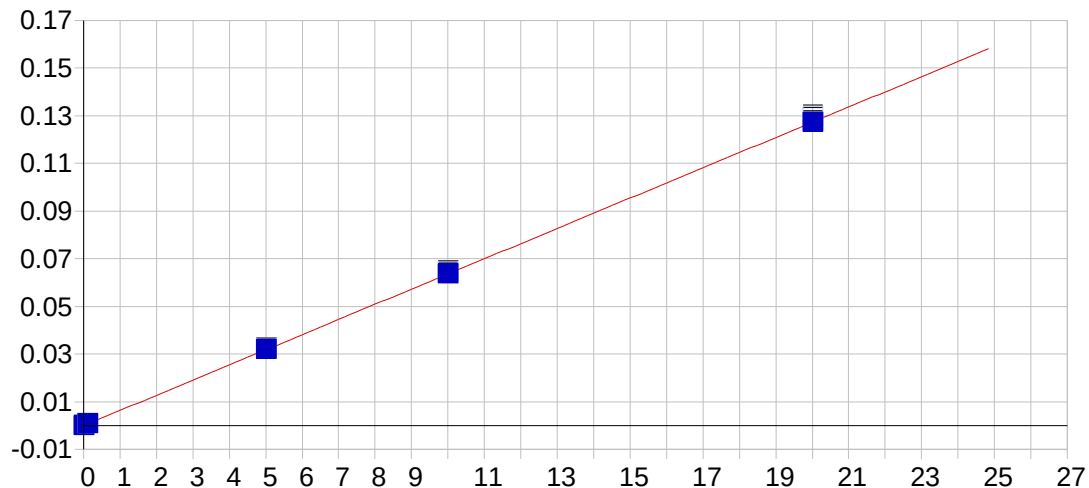
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.002394 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000003
 Predicted MDL: 0.024881
 Predicted MQL: 0.082937

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00014	.000	1
S1	.10000	.12485	.025	24.8	.00018	.000	1
S3	5.0000	5.0320	.032	.640	.01215	.000	1
S4	10.000	9.9584	-.042	-.416	.02418	.000	1
S5	20.000	19.983	-.017	-.083	.04866	.000	1



AI 396.152 { 85}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

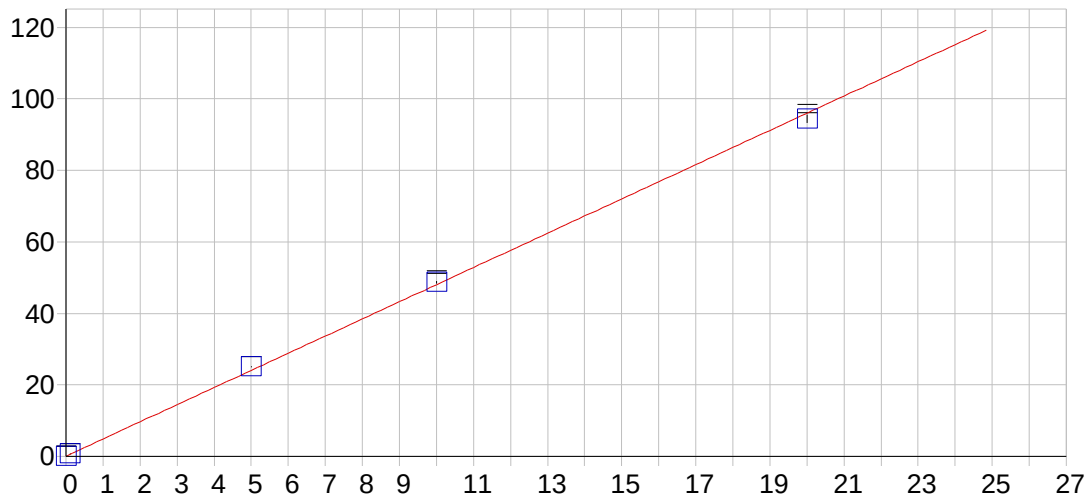
Weighting: 1/Conc

A0 (Offset): -0.000078
 A1 (Gain): 0.006368
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000005
 Predicted MDL: 0.014304
 Predicted MQL: 0.047680

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	-.00008	.000	1
S1	.10000	.11755	.018	17.6	.00071	.000	1
S3	5.0000	5.0041	.004	.082	.03242	.000	1
S4	10.000	9.9875	-.013	-.125	.06479	.000	1
S5	20.000	19.990	-.010	-.050	.12976	.001	1

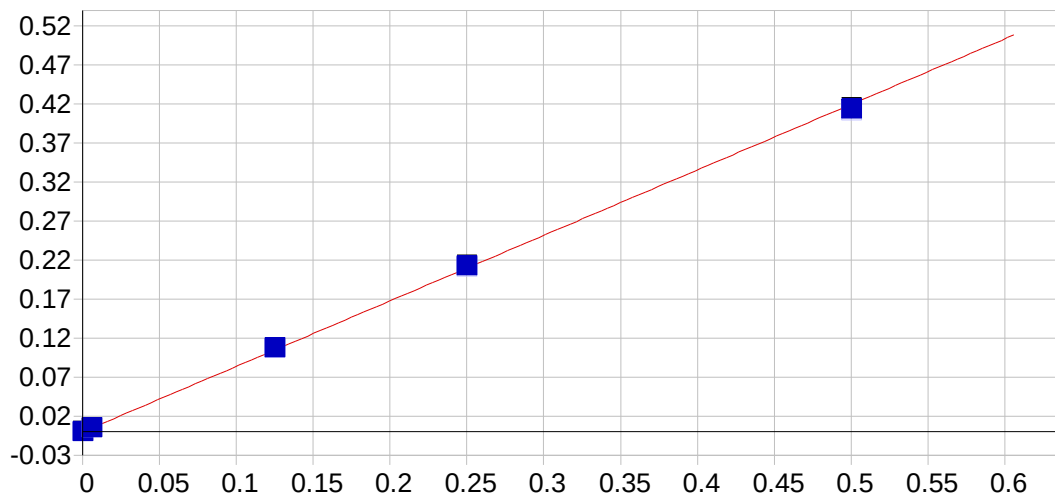


Ba 493.409 { 68}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.085303 Re-Slope: 1.000000
 A1 (Gain): 4.794653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.008278
 Predicted MDL: 0.000721
 Predicted MQL: 0.002402

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.08521	.003	1
S1	.10000	.11654	.017	16.5	.64409	.007	1
S3	5.0000	5.1961	.196	3.92	24.999	.025	1
S5	20.000	19.659	-.341	-1.71	94.342	1.18	1
S4	10.000	10.129	.129	1.29	48.648	.332	1



Be 234.861 {144}

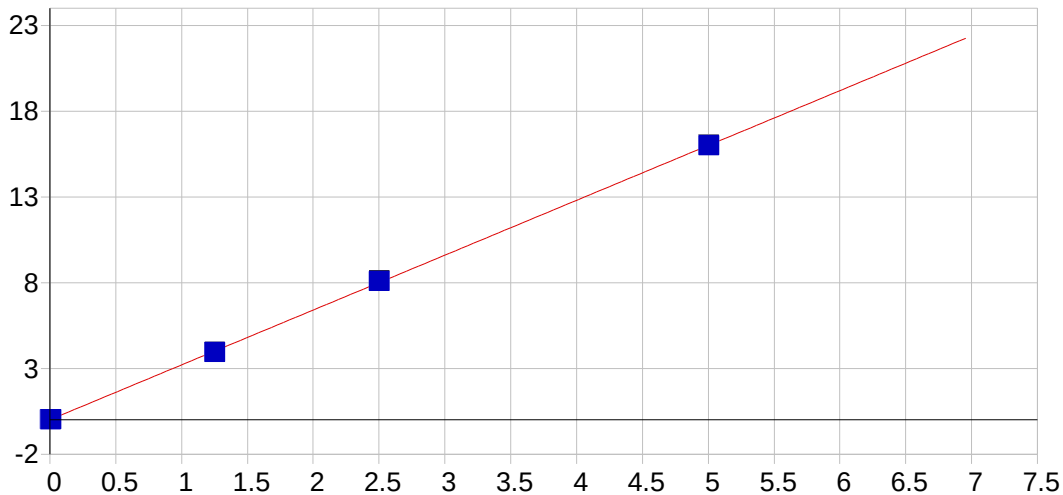
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.839377 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824
 Std Error of Est: 0.000046
 Predicted MDL: 0.000068
 Predicted MQL: 0.000228

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.00600	.00653	.001	8.90	.00545	.000	1
S3	.12500	.12866	.004	2.93	.10735	.000	1
S4	.25000	.25323	.003	1.29	.21125	.001	1
S5	.50000	.49258	-.007	-1.48	.41084	.002	1



Cd 226.502 {449}

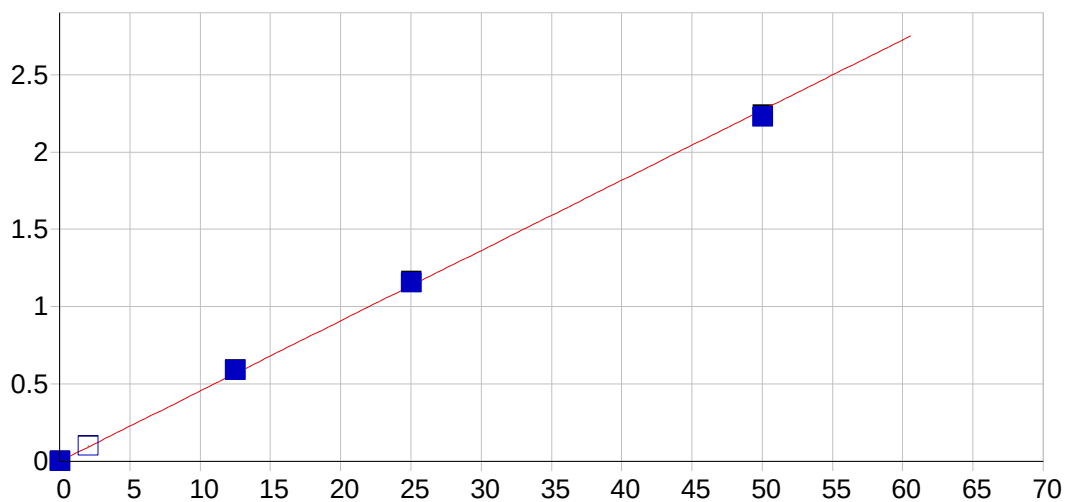
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000634
 A1 (Gain): 3.198211
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000279
 Predicted MDL: 0.000077
 Predicted MQL: 0.000255

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	-.00063	.000	1
S1	.00600	.00609	.000	1.45	.01887	.000	1
S3	1.2500	1.2240	-.026	-2.08	3.9149	.011	1
S4	2.5000	2.5234	.023	.935	8.0714	.024	1
S5	5.0000	5.0025	.003	.051	16.002	.021	1

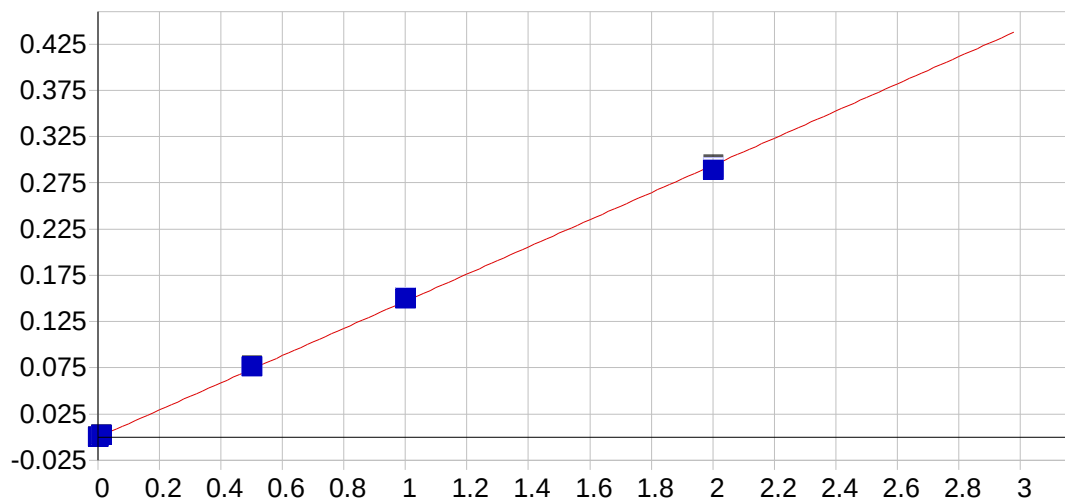


Ca 373.690 { 90}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000686 Re-Slope: 1.000000
 A1 (Gain): 0.045399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000619
 Predicted MDL: 0.019871
 Predicted MQL: 0.066236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1595	.160	7.98	.09873	.000	1
S0	.00000	-.00022	-.000	.000	.00068	.000	1
S3	12.500	12.947	.447	3.57	.58875	.002	1
S4	25.000	25.406	.406	1.63	1.1547	.007	1
S5	50.000	48.988	-1.01	-2.02	2.2259	.010	1



Cr 267.716 {126}

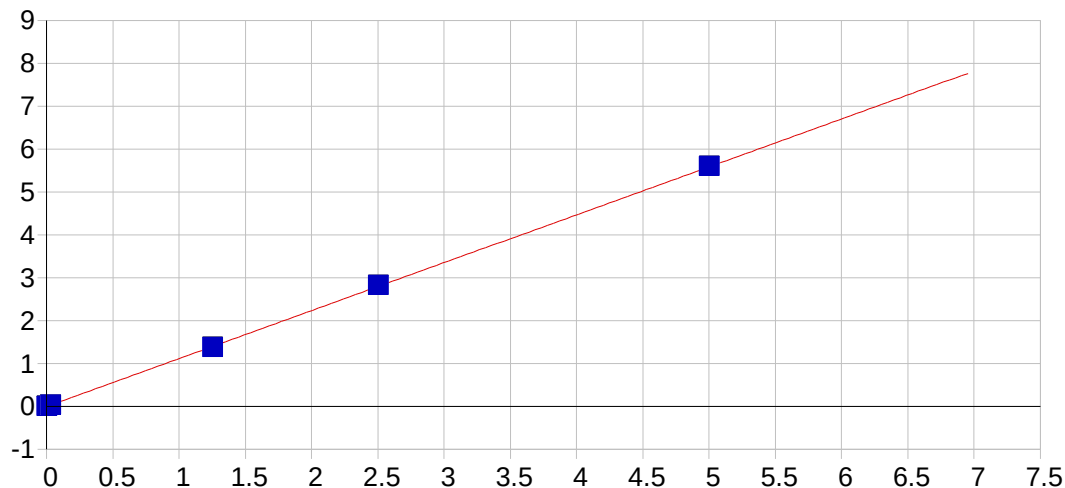
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.146866 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.000023
 Predicted MDL: 0.000498
 Predicted MQL: 0.001659

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01109	.001	10.9	.00170	.000	1
S3	.50000	.51556	.016	3.11	.07633	.000	1
S4	1.0000	1.0178	.018	1.78	.15063	.000	1
S5	2.0000	1.9656	-.034	-1.72	.29093	.003	1



Co 228.616 {447}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

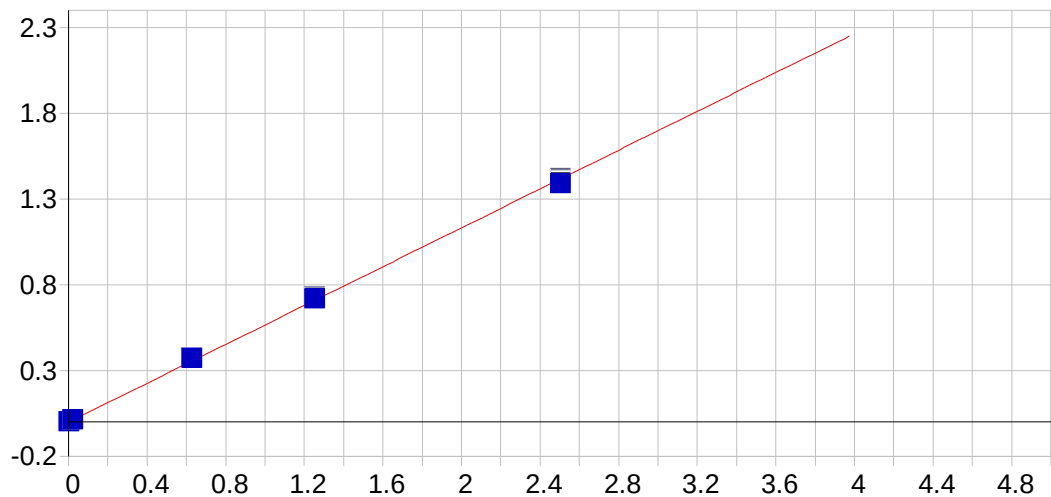
Weighting: 1/Conc

A0 (Offset): -0.000094
 A1 (Gain): 1.117235
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965
 Std Error of Est: 0.000195
 Predicted MDL: 0.000198
 Predicted MQL: 0.000661

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.03000	.03033	.000	1.09	.03356	.000	1
S3	1.2500	1.2263	-.024	-1.89	1.3711	.003	1
S4	2.5000	2.5199	.020	.798	2.8175	.010	1
S5	5.0000	5.0034	.003	.068	5.5942	.005	1

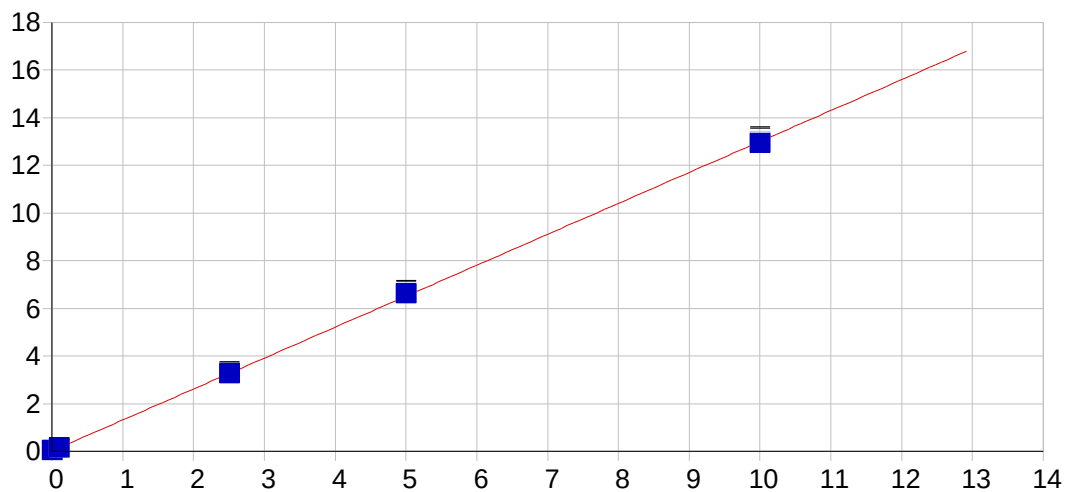


Cu 224.700 {450}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.566016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000558
 Predicted MQL: 0.001859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02248	.002	12.4	.01296	.000	1
S3	.62500	.65221	.027	4.35	.37575	.000	1
S4	1.2500	1.2656	.016	1.25	.72952	.001	1
S5	2.5000	2.4547	-.045	-1.81	1.4157	.003	1



Fe 240.488 {140}

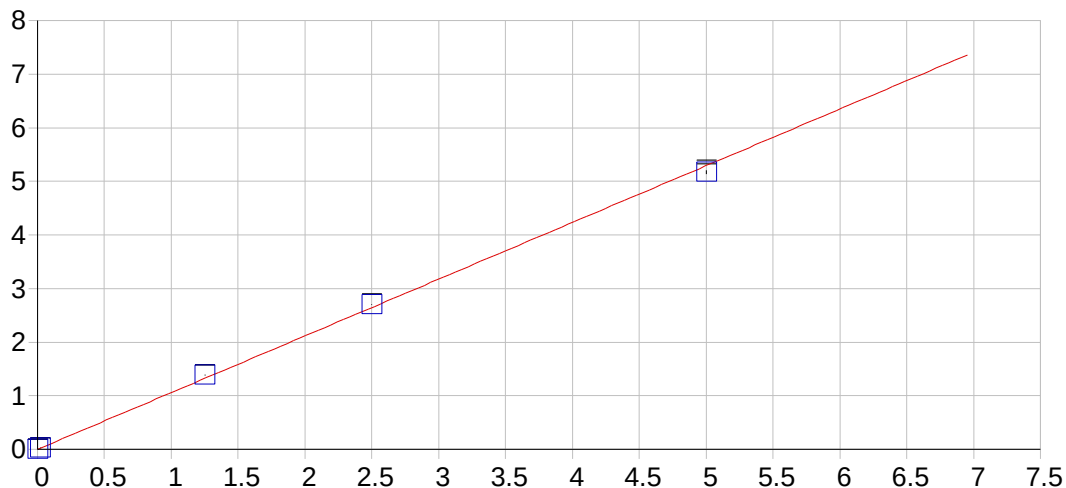
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015374 Re-Slope: 1.000000
 A1 (Gain): 1.298891 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000693
 Predicted MDL: 0.005533
 Predicted MQL: 0.018443

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01538	.002	1
S1	.10000	.09368	-.006	-6.32	.13769	.002	1
S3	2.5000	2.4923	-.008	-.306	3.2690	.054	1
S4	5.0000	5.0698	.070	1.40	6.6332	.105	1
S5	10.000	9.9441	-.056	-.559	12.997	.201	1



Mn 257.610 {131}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

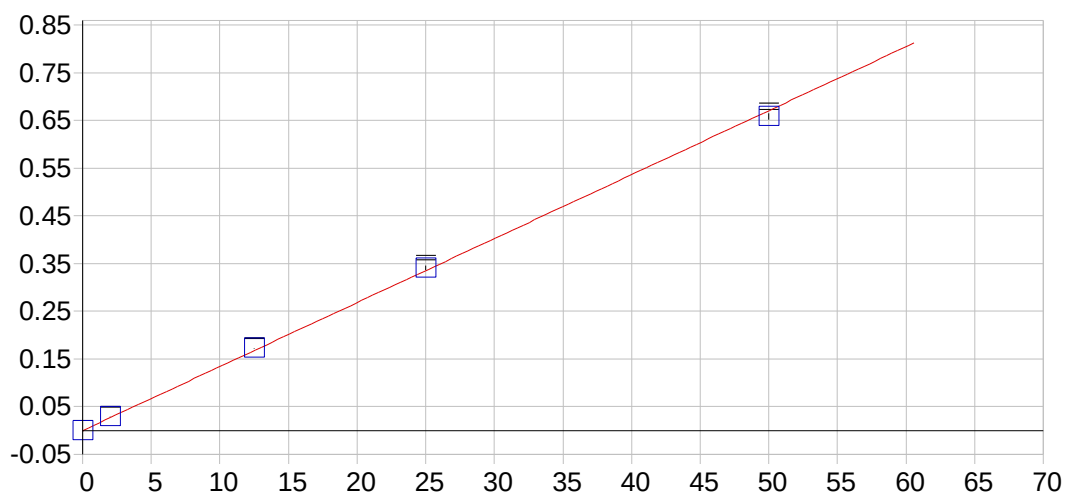
Weighting: 1/Conc

A0 (Offset): 0.000105
 A1 (Gain): 1.058216
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999575
 Std Error of Est: 0.000528
 Predicted MDL: 0.000067
 Predicted MQL: 0.000224

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	.00010	.000	1
S1	.02000	.02431	.004	21.6	.02584	.000	1
S3	1.2500	1.3075	.057	4.60	1.3837	.002	1
S4	2.5000	2.5544	.054	2.18	2.7033	.006	1
S5	5.0000	4.8837	-.116	-2.33	5.1682	.035	1

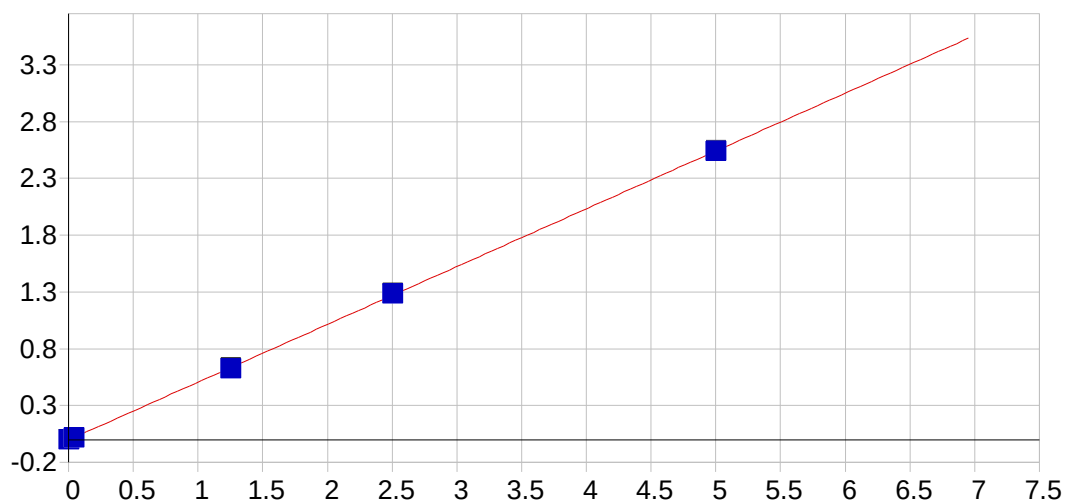


Mg 279.079 {121}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.013416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999763 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.035898
 Predicted MQL: 0.119661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1367	.137	6.84	.02867	.000	1
S0	.00000	-.00019	-.000	.000	.00000	.000	1
S3	12.500	12.838	.338	2.70	.17224	.001	1
S4	25.000	25.433	.433	1.73	.34121	.004	1
S5	50.000	49.093	-.907	-1.81	.65863	.006	1



Ni 231.604 {445}

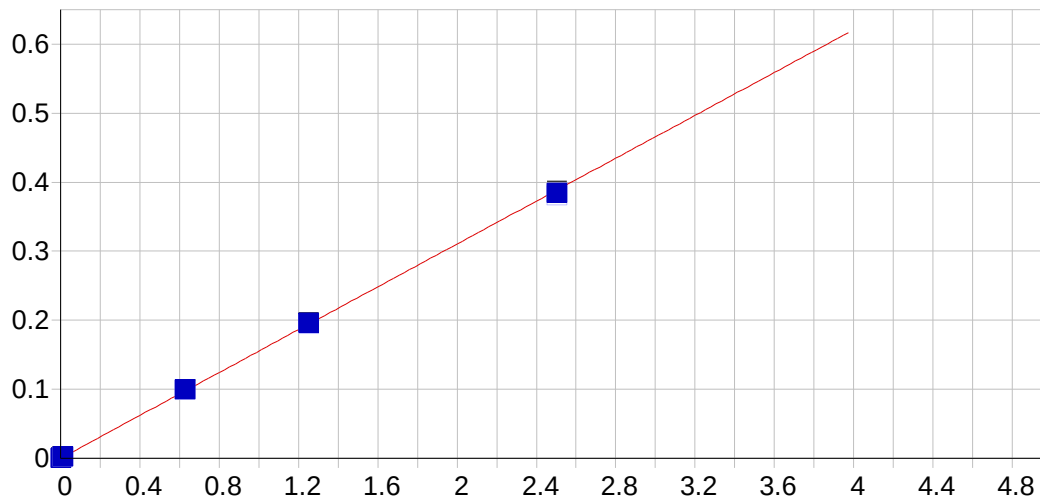
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003545 Re-Slope: 1.000000
 A1 (Gain): 0.508918 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000093
 Predicted MDL: 0.000403
 Predicted MQL: 0.001342

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00354	.000	1
S1	.04000	.03905	-.001	-2.36	.01634	.000	1
S3	1.2500	1.2336	-.016	-1.31	.62494	.002	1
S4	2.5000	2.5250	.025	.998	1.2828	.002	1
S5	5.0000	4.9924	-.008	-.152	2.5400	.001	1



Ag 328.068 {103}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

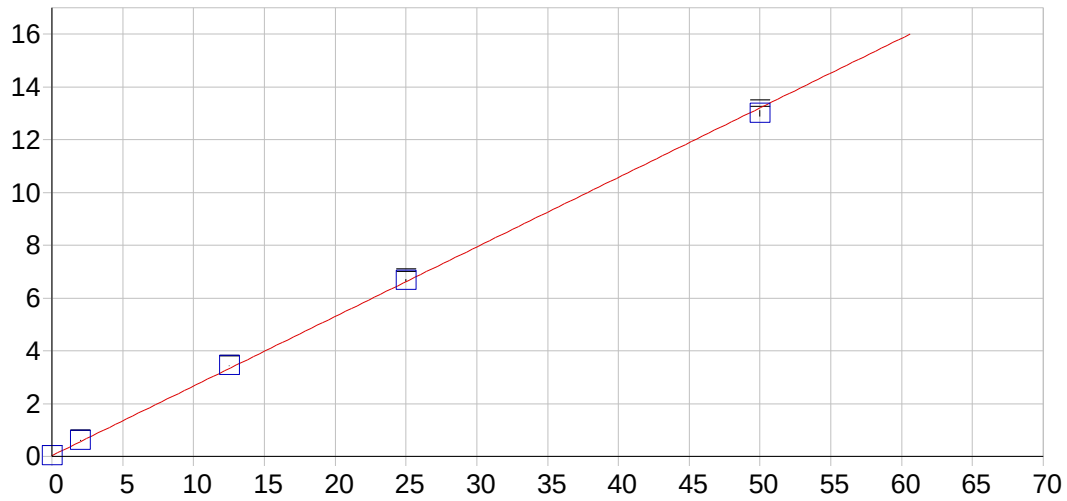
Weighting: 1/Conc

A0 (Offset): 0.000079
 A1 (Gain): 0.155229
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893
 Std Error of Est: 0.000019
 Predicted MDL: 0.000689
 Predicted MQL: 0.002296

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01156	.002	15.6	.00184	.000	1
S3	.62500	.63936	.014	2.30	.09823	.000	1
S4	1.2500	1.2598	.010	.787	.19344	.000	1
S5	2.5000	2.4743	-.026	-1.03	.37975	.003	1

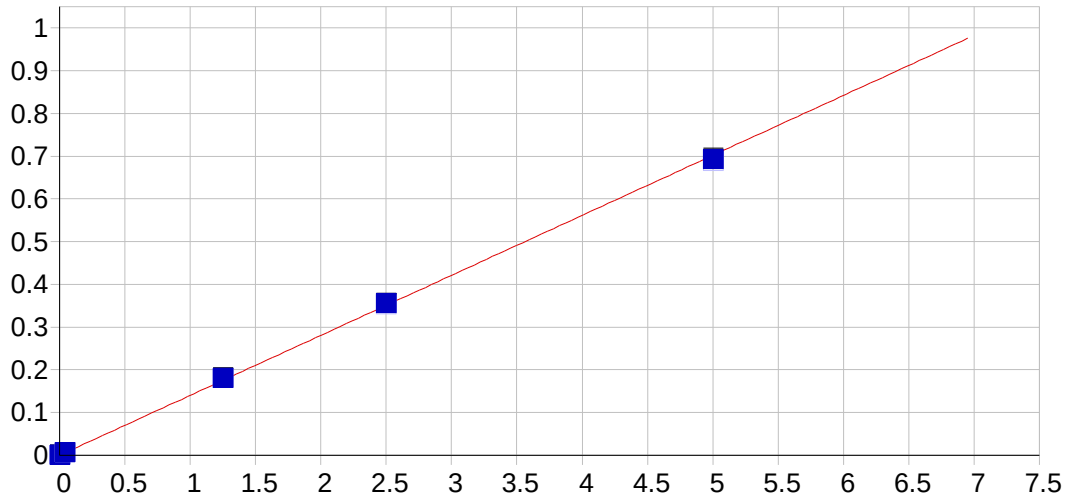


Na 589.592 { 57}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029431 Re-Slope: 1.000000
 A1 (Gain): 0.263587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.003147
 Predicted MDL: 0.010975
 Predicted MQL: 0.036582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1708	.171	8.54	.60163	.001	1
S0	.00000	-.00022	-.000	.000	.02937	.002	1
S3	12.500	12.923	.423	3.39	3.4358	.007	1
S4	25.000	25.193	.193	.771	6.6699	.051	1
S5	50.000	49.213	-.787	-1.57	13.001	.117	1



V 292.402 {115}

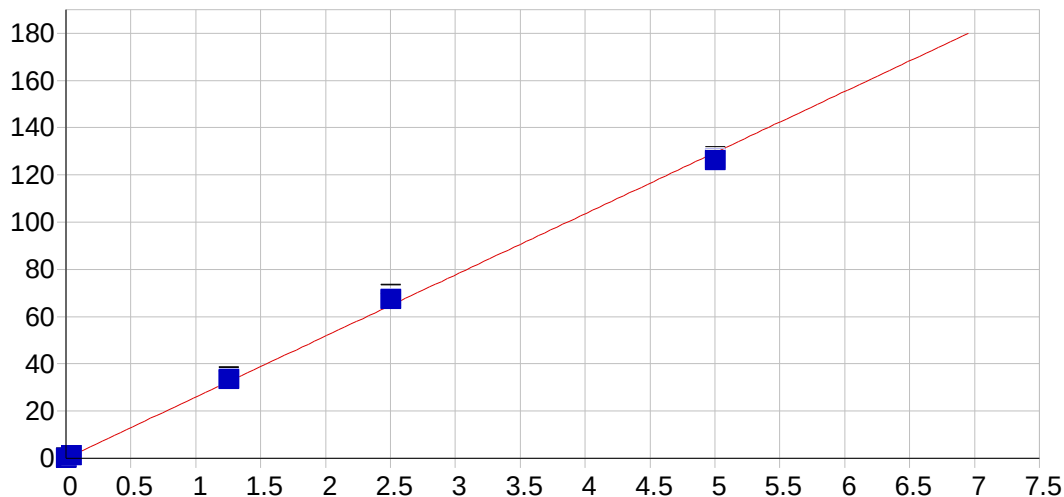
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.140389 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816
 Std Error of Est: 0.000065
 Predicted MDL: 0.000590
 Predicted MQL: 0.001966

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.04000	.04627	.006	15.7	.00642	.000	1
S3	1.2500	1.2844	.034	2.75	.17918	.000	1
S4	2.5000	2.5280	.028	1.12	.35262	.000	1
S5	5.0000	4.9314	-.069	-1.37	.68774	.002	1



Zn 206.200 {163}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

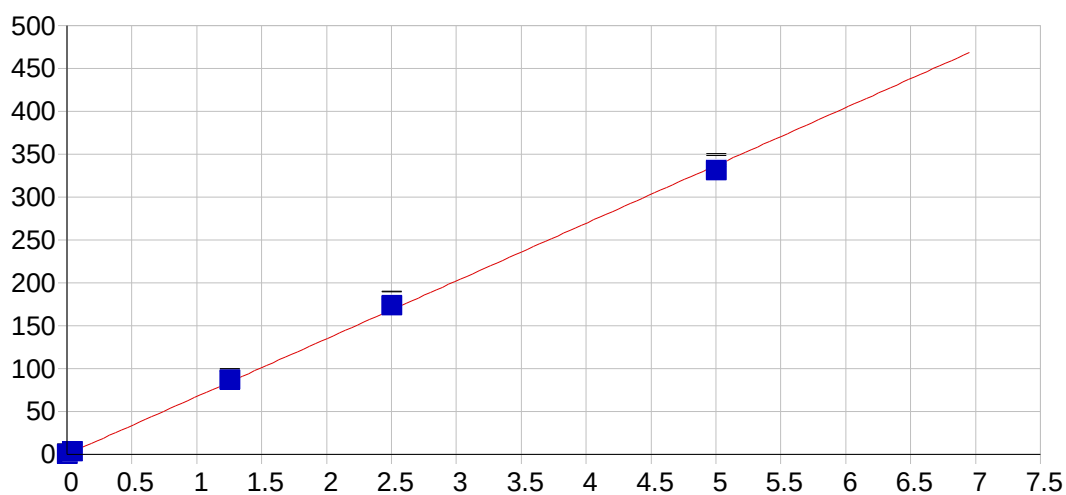
Weighting: 1/Conc

A0 (Offset): 0.030994
 A1 (Gain): 25.883829
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999523
 Std Error of Est: 0.019464
 Predicted MDL: 0.000347
 Predicted MQL: 0.001156

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	.03092	.007	1
S1	.04000	.04128	.001	3.19	1.1062	.018	1
S3	1.2500	1.2889	.039	3.11	33.588	.748	1
S4	2.5000	2.5948	.095	3.79	67.586	1.87	1
S5	5.0000	4.8650	-.135	-2.70	126.74	.981	1

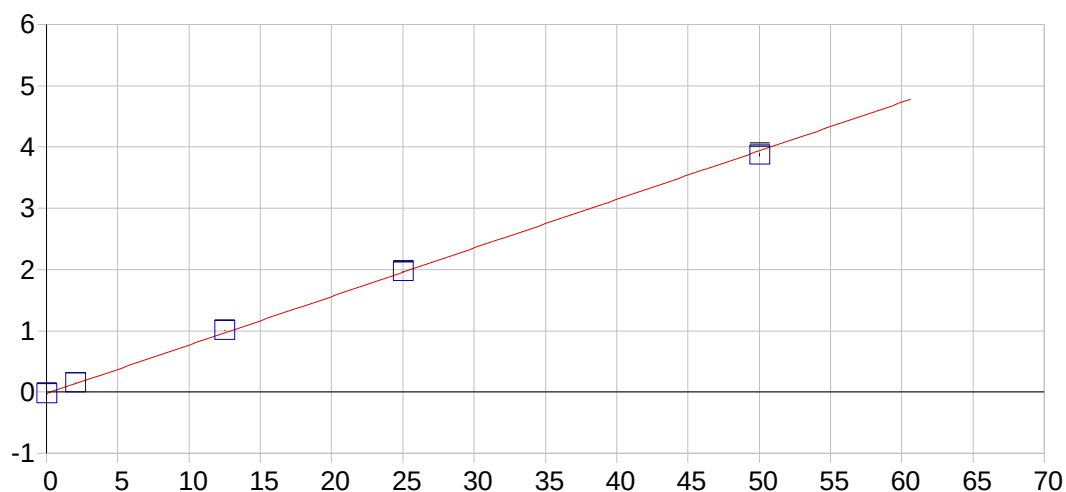


Zn 213.856 {458}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.065172 Re-Slope: 1.000000
 A1 (Gain): 67.375474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.036792
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06500	.002	1
S1	.04000	.04126	.001	3.16	2.8629	.007	1
S3	1.2500	1.2791	.029	2.33	86.753	1.40	1
S4	2.5000	2.5678	.068	2.71	174.09	4.48	1
S5	5.0000	4.9019	-.098	-1.96	332.37	6.20	1



K 766.490 {44}

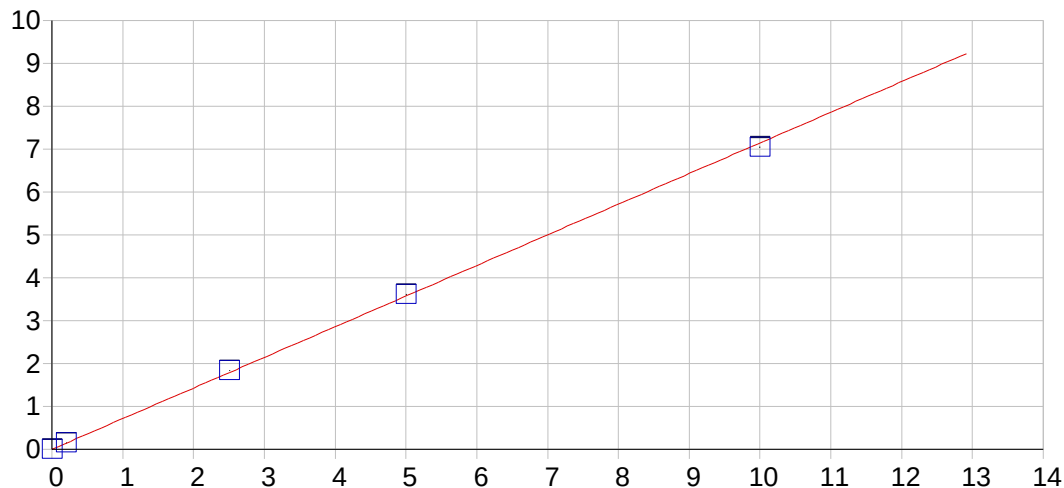
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.023922 Re-Slope: 1.000000
 A1 (Gain): 0.079198 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745
 Std Error of Est: 0.000976
 Predicted MDL: 0.039366
 Predicted MQL: 0.131219

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1552	.155	7.76	.14677	.001	1
S0	.00000	-.00021	-.000	.000	-.02394	.003	1
S3	12.500	12.988	.488	3.90	1.0047	.003	1
S4	25.000	25.172	.172	.688	1.9696	.013	1
S5	50.000	49.185	-.815	-1.63	3.8714	.029	1



Mo 202.030 {467}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

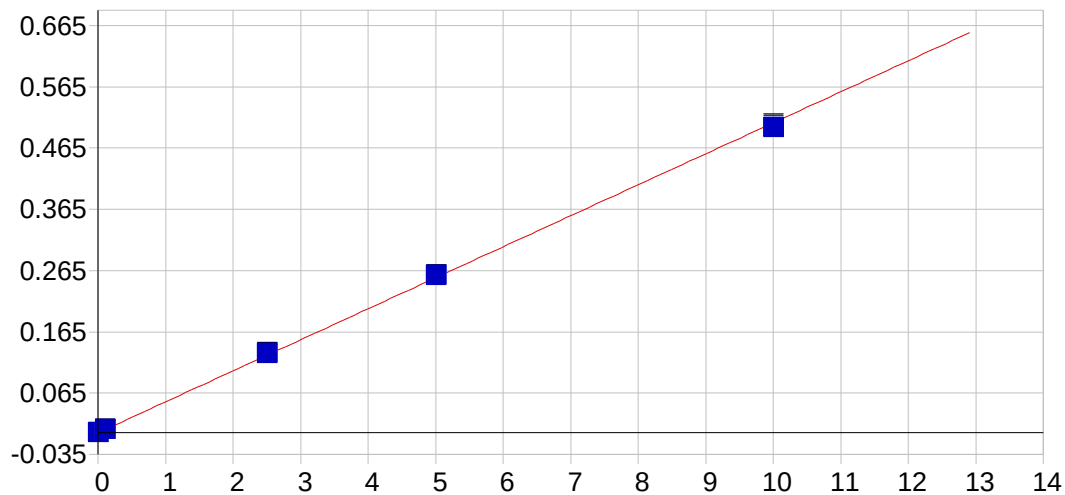
Weighting: 1/Conc

A0 (Offset): 0.000323
 A1 (Gain): 0.714518
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839
 Std Error of Est: 0.000983
 Predicted MDL: 0.000305
 Predicted MQL: 0.001016

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	.00031	.000	1
S1	.20000	.21574	.016	7.87	.15447	.001	1
S3	2.5000	2.5690	.069	2.76	1.8359	.000	1
S4	5.0000	5.0547	.055	1.09	3.6120	.005	1
S5	10.000	9.8606	-.139	-1.39	7.0459	.009	1

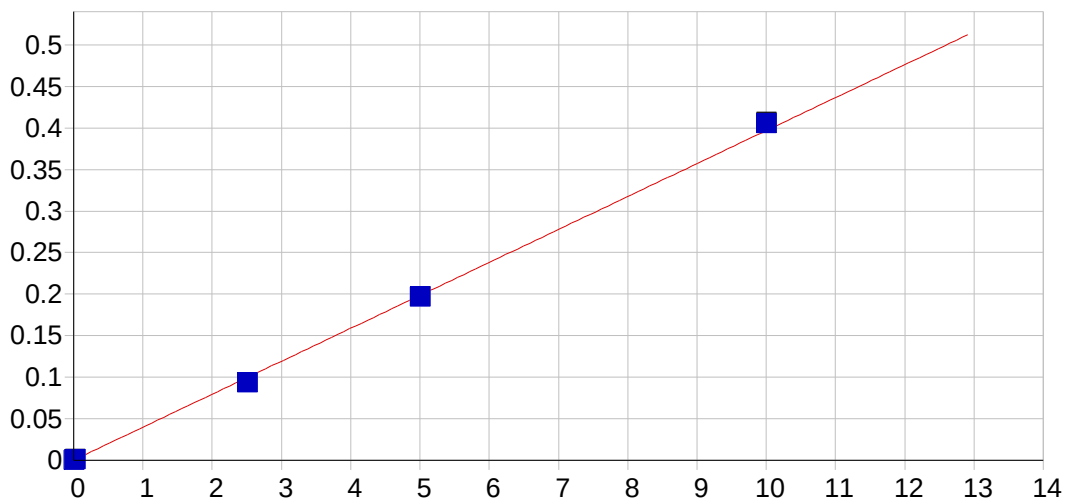


B 249.678 {135}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 0.050609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.007995
 Predicted MQL: 0.026649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00014	.000	1
S1	.10000	.11518	.015	15.2	.00595	.000	1
S3	2.5000	2.5612	.061	2.45	.12947	.002	1
S4	5.0000	5.0753	.075	1.51	.25640	.001	1
S5	10.000	9.8483	-.152	-1.52	.49737	.005	1



S 182.034 {485}

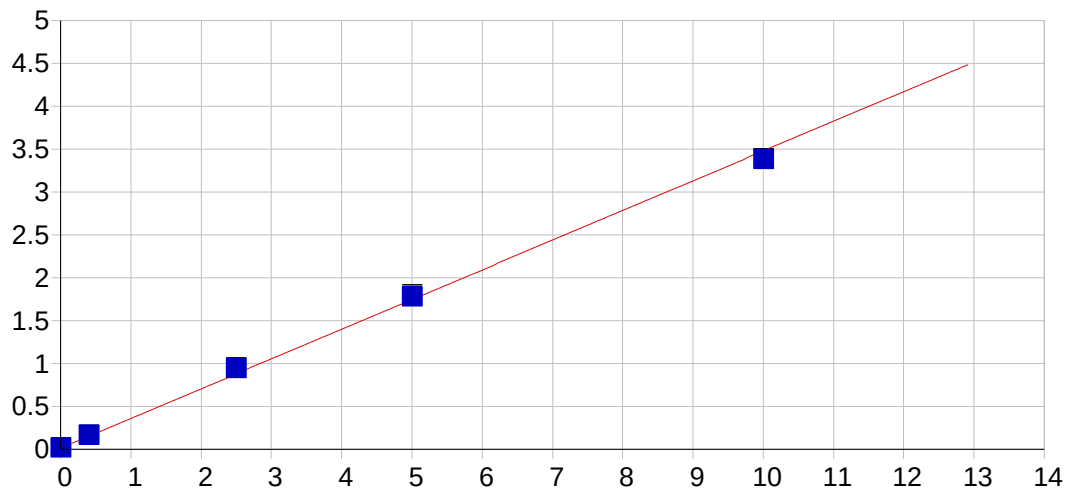
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.039662 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999559
 Std Error of Est: 0.000028
 Predicted MDL: 0.002677
 Predicted MQL: 0.008923

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.01682	-.003	-15.9	.00085	.000	1
S3	2.5000	2.3442	-.156	-6.23	.09307	.000	1
S4	5.0000	4.9444	-.056	-1.11	.19609	.000	1
S5	10.000	10.215	.215	2.15	.40490	.001	1



Si 288.158 {117}

Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

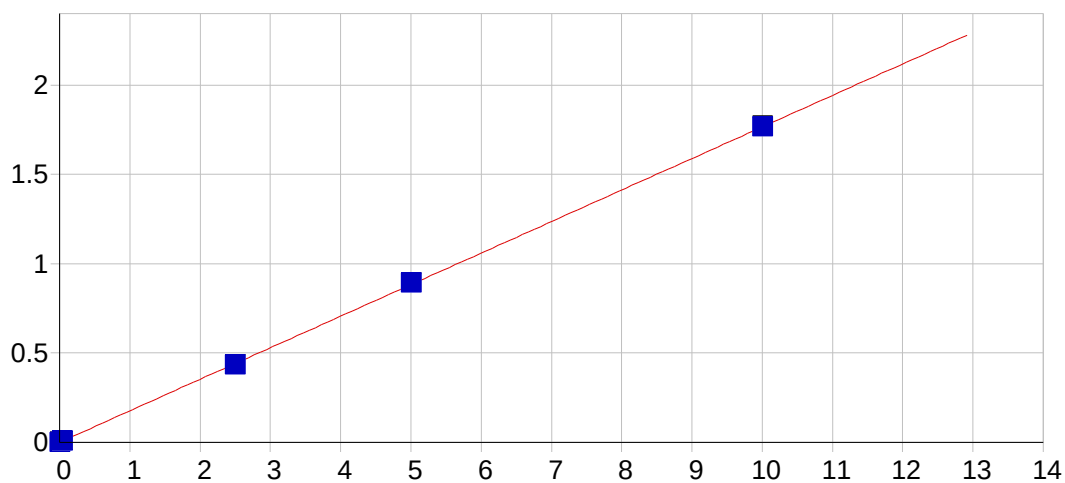
Weighting: 1/Conc

A0 (Offset): 0.013065
 A1 (Gain): 0.346539
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999308
 Std Error of Est: 0.001408
 Predicted MDL: 0.003032
 Predicted MQL: 0.010105

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.01305	.001	1
S1	.40000	.42979	.030	7.45	.16189	.003	1
S3	2.5000	2.6792	.179	7.17	.94105	.008	1
S4	5.0000	5.0809	.081	1.62	1.7729	.023	1
S5	10.000	9.7101	-.290	-2.90	3.3762	.009	1

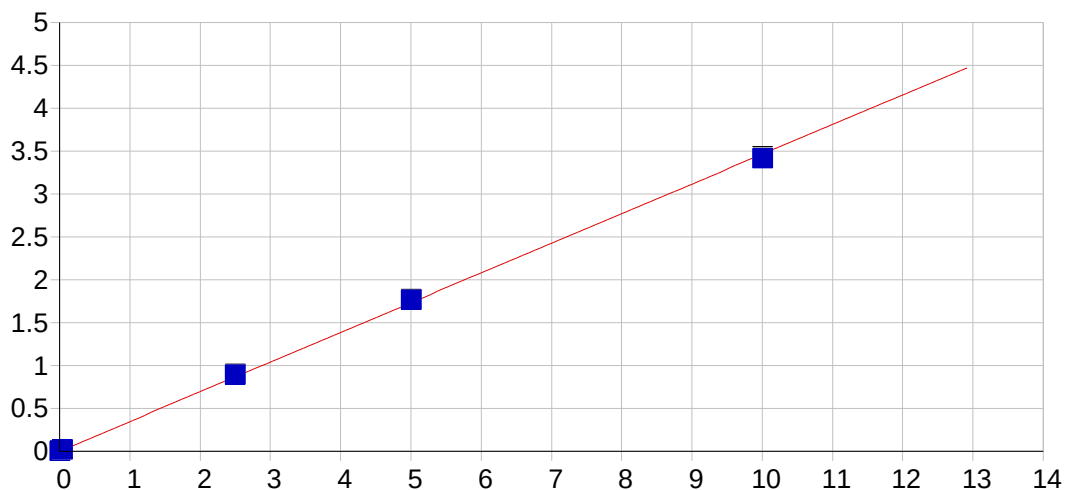


Sn 189.989 {477}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.176503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.000619
 Predicted MQL: 0.002063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.04000	.03983	-.000	-.432	.00737	.000	1
S3	2.5000	2.4557	-.044	-1.77	.43386	.001	1
S4	5.0000	5.0456	.046	.912	.89106	.001	1
S5	10.000	9.9989	-.001	-.011	1.7655	.003	1



Ti 336.121 {100}

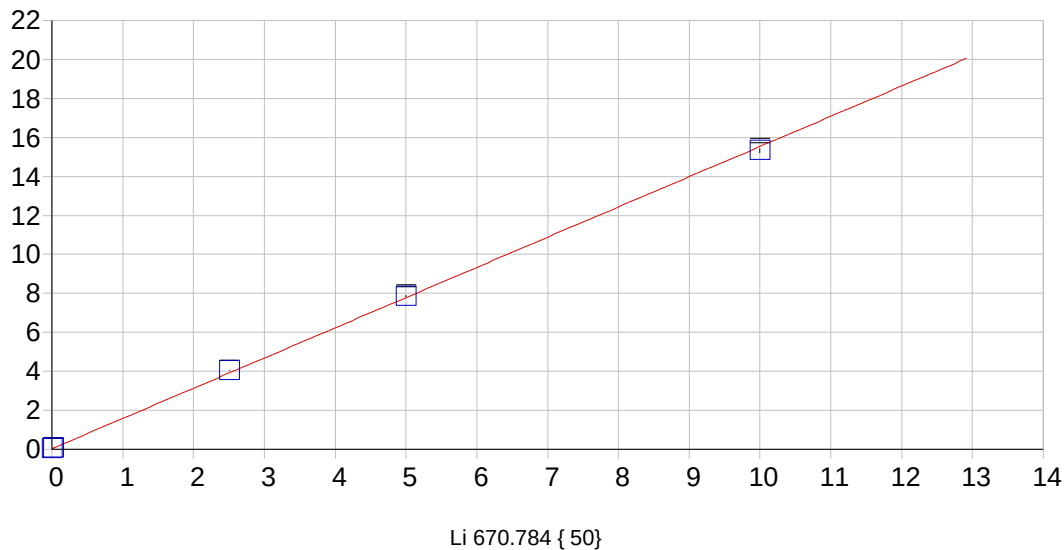
Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001460 Re-Slope: 1.000000
 A1 (Gain): 0.346245 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785
 Std Error of Est: 0.000245
 Predicted MDL: 0.001966
 Predicted MQL: 0.006554

Status: OK.

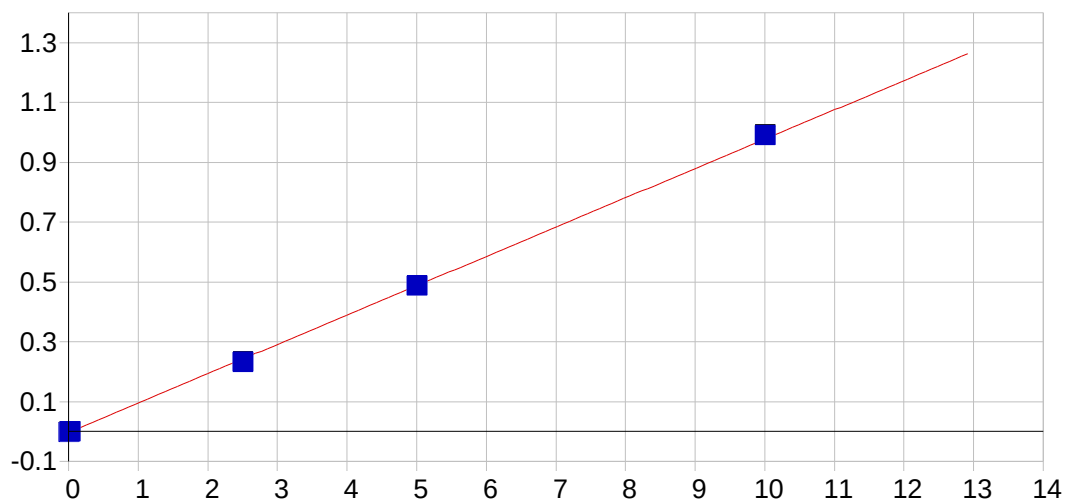
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00146	.000	1
S1	.04000	.04789	.008	19.7	.01803	.000	1
S3	2.5000	2.5712	.071	2.85	.89160	.002	1
S4	5.0000	5.0821	.082	1.64	1.7609	.009	1
S5	10.000	9.8388	-.161	-1.61	3.4077	.025	1



Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031637 Re-Slope: 1.000000
 A1 (Gain): 1.550328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000660
 Predicted MDL: 0.001920
 Predicted MQL: 0.006399

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03163	.000	1
S1	.02000	.02177	.002	8.86	.06539	.001	1
S3	2.5000	2.5869	.087	3.48	4.0422	.002	1
S4	5.0000	5.0466	.047	.932	7.8555	.053	1
S5	10.000	9.8647	-.135	-1.35	15.325	.117	1

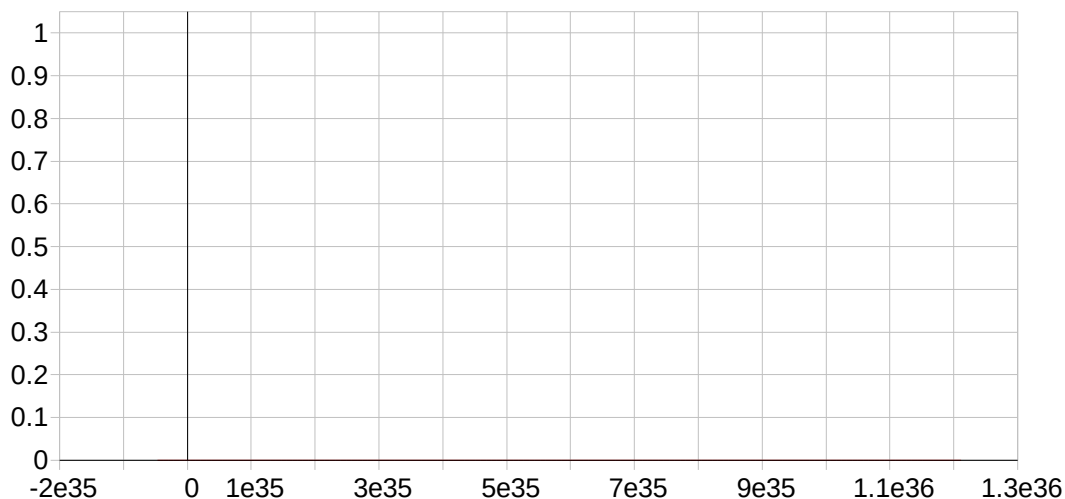


P 177.495 {490}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002691 Re-Slope: 1.000000
 A1 (Gain): 0.097990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001289
 Predicted MQL: 0.004297

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00269	.000	1
S1	.02000	.01676	-.003	-16.2	-.00106	.000	1
S3	2.5000	2.3830	-.117	-4.68	.23046	.001	1
S4	5.0000	4.9924	-.008	-.152	.48580	.000	1
S5	10.000	10.128	.128	1.28	.98831	.002	1



Y 224.306 {450}*

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

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

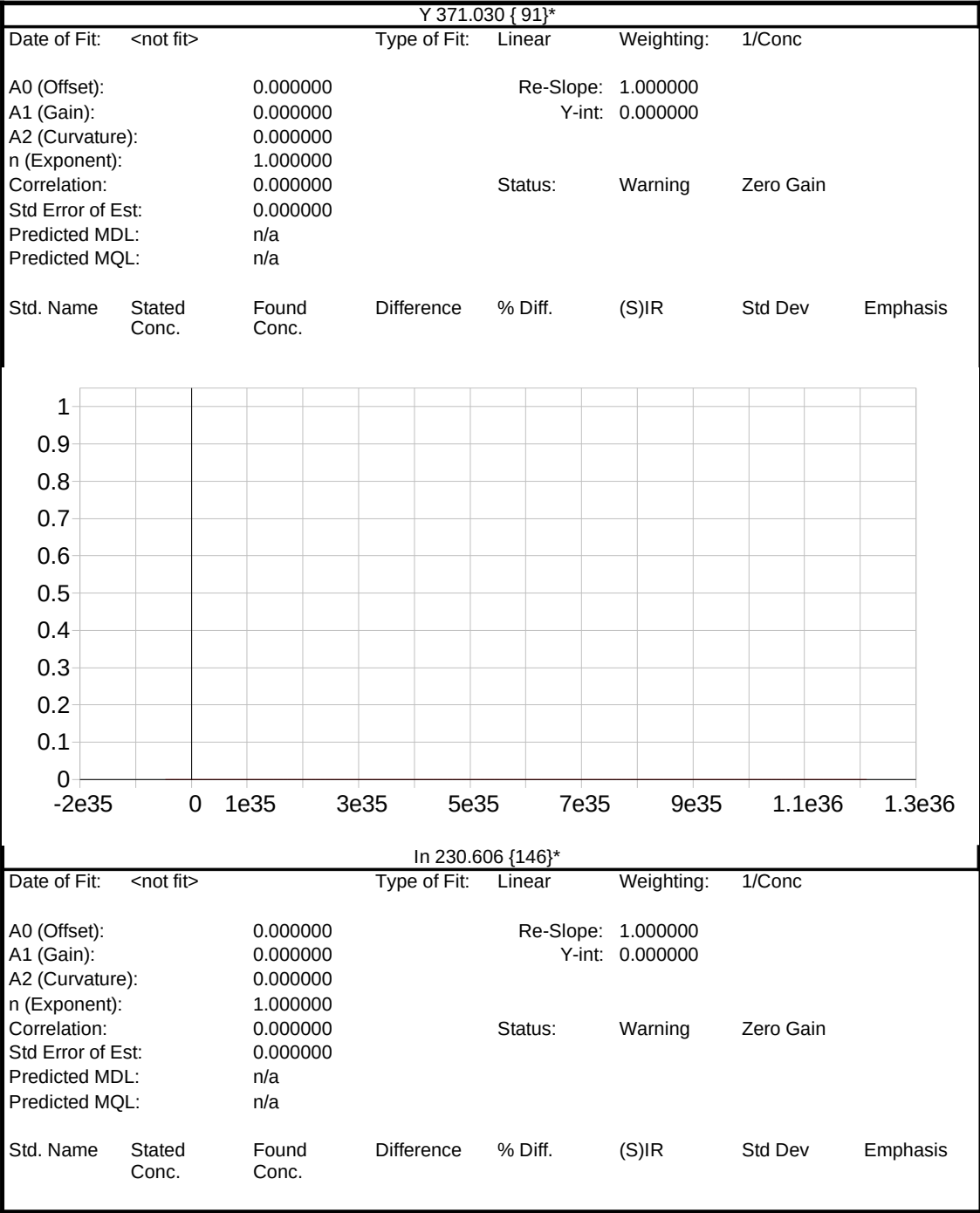
Status: Warning Zero Gain

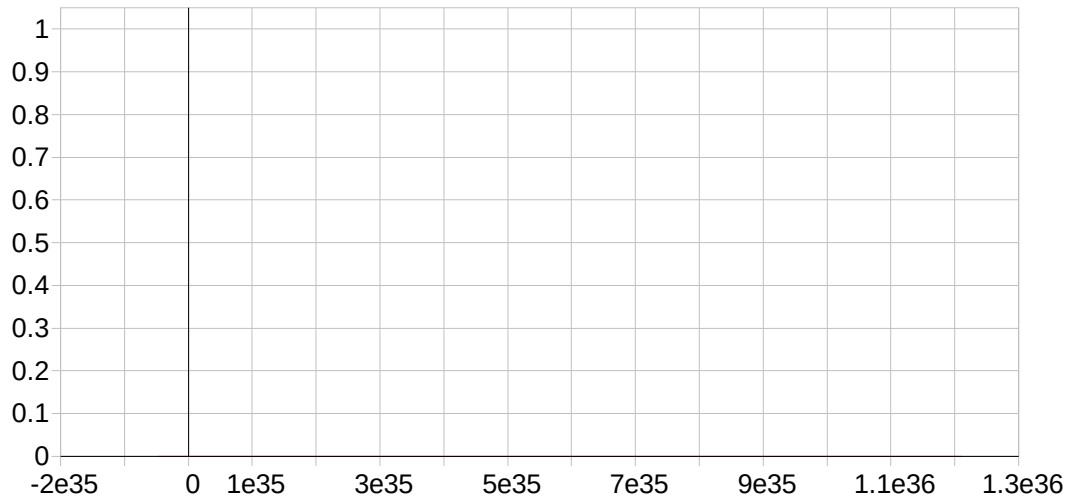
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.





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

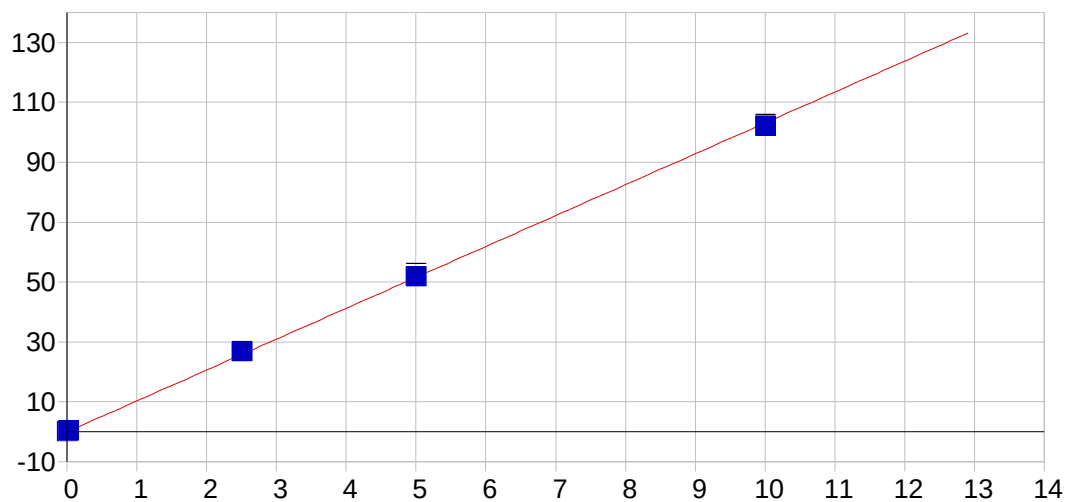
Status: Warning Zero Gain

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: 11/12/2018 12:29:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006065

Re-Slope: 1.000000

A1 (Gain): 10.313807

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999833

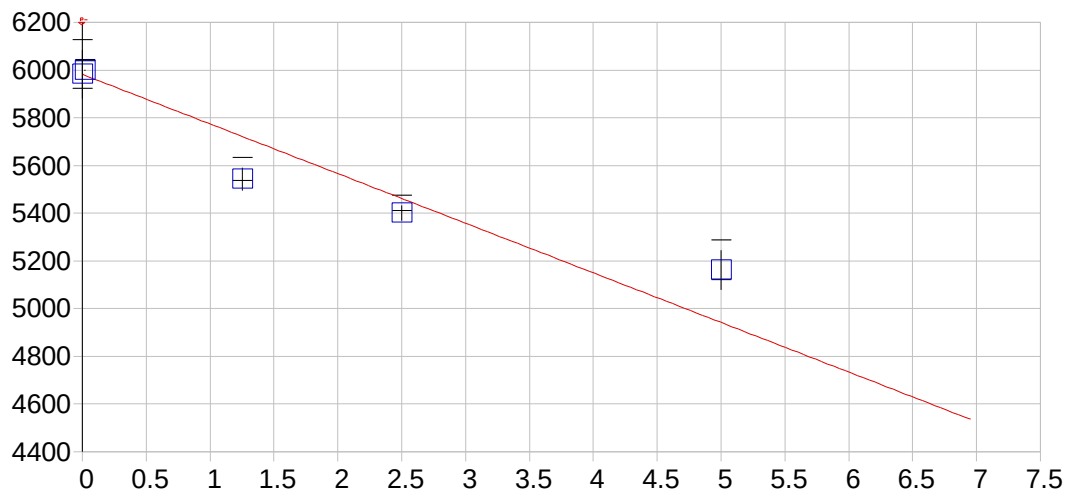
Status: OK.

Std Error of Est: 0.004556

Predicted MDL: 0.000118

Predicted MQL: 0.000394

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00611	.000	1
S1	.02000	.02394	.004	19.7	.24199	.000	1
S3	2.5000	2.5948	.095	3.79	26.784	.028	1
S4	5.0000	5.0200	.020	.400	51.826	.959	1
S5	10.000	9.8812	-.119	-1.19	102.02	.540	1



Date of Fit: 11/12/2018 12:29:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 5981.995540

Re-Slope: 1.000000

A1 (Gain): -207.990951

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.930988

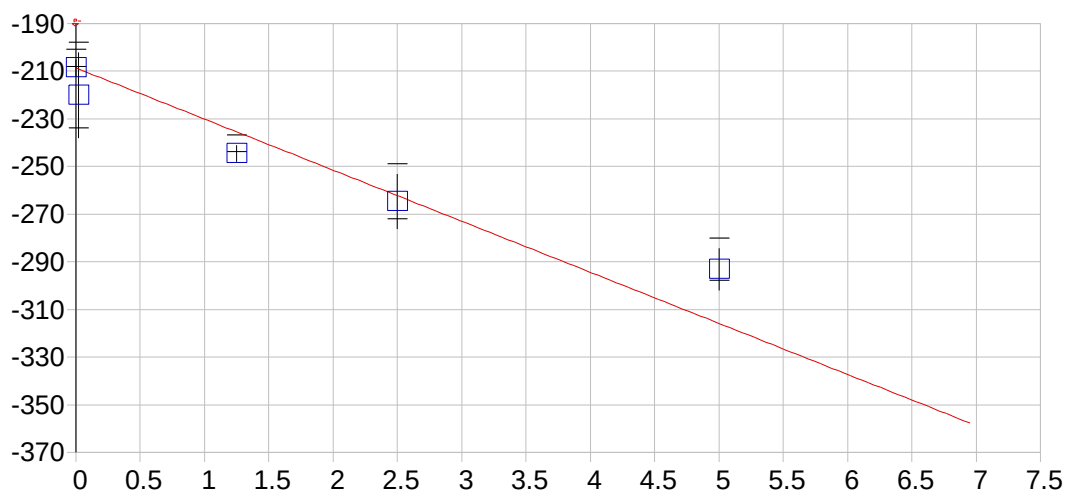
Status: Warning Negative Gain

Std Error of Est: 1.393668

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	5982.0	101.	1
S1	.02000	-.08002	-.100	-500.	5998.6	3.83	1
S3	1.2500	2.1097	.860	68.8	5543.2	49.0	1
S4	2.5000	2.7939	.294	11.8	5400.9	32.3	1
S5	5.0000	3.9465	-1.05	-21.1	5161.2	82.8	1



U 385.958 { 87}

Date of Fit: 11/12/2018 12:29:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -208.646429 Re-Slope: 1.000000

A1 (Gain): -21.438358 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.624902

Status: Warning Negative Gain

Std Error of Est: 0.457692

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	-208.64	3.54	1
S1	.02000	.53574	.516	2580.	-220.13	18.0	1
S3	1.2500	1.6778	.428	34.2	-244.61	3.46	1
S4	2.5000	2.6131	.113	4.52	-264.67	11.6	1
S5	5.0000	3.9434	-1.06	-21.1	-293.19	8.94	1

Sample Name: S0 Acquired: 11/12/2018 12:05:27 Type: Cal
Method: P4-ICP2(v2564) 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	-.00003	-.00055	-.00013	-.00006	.00073	-.00008	.08521	.00001
Stddev	.00008	.00002	.00014	.00008	.00024	.00006	.00271	.00003
%RSD	251.82	3.2032	102.33	134.56	33.562	75.391	3.1752	199.85
#1	.00002	-.00054	-.00004	-.00012	.00056	-.00012	.08712	.00003
#2	-.00009	-.00056	-.00023	-.00000	.00090	-.00004	.08329	-.00001
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	-.00063	.00068	.00006	-.00009	.00002	.01538	.00010	.00000
Stddev	.00012	.00003	.00007	.00014	.00035	.00184	.00001	.00023
%RSD	19.326	3.9113	108.47	145.90	1690.8	11.994	11.227	10419.
#1	-.00055	.00066	.00001	.00000	-.00022	.01408	.00009	.00016
#2	-.00072	.00069	.00011	-.00019	.00027	.01669	.00011	-.00016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00354	.00008	.02937	.00001	.06500	-.02394	.00031	.00014
Stddev	.00013	.00005	.00170	.00001	.00223	.00293	.00012	.00018
%RSD	3.7571	66.272	5.8046	85.353	3.4242	12.222	38.276	130.18
#1	-.00364	.00012	.03058	.00002	.06343	-.02187	.00022	.00027
#2	-.00345	.00004	.02817	.00000	.06658	-.02601	.00039	.00001
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	.00021	.01305	.00034	.00146	.03163	-.0027	-.00611	5982.0
Stddev	.00001	.00059	.00004	.00003	.00048	.0000	.00028	101.4
%RSD	4.2010	4.5244	12.619	1.8384	1.5034	1.144	4.5011	1.6946
#1	.00021	.01346	.00031	.00148	.03197	-.0027	-.00592	6053.7
#2	.00020	.01263	.00038	.00144	.03130	-.0027	-.00631	5910.3

Sample Name: S0 Acquired: 11/12/2018 12:05:27 Type: Cal
 Method: P4-ICP2(v2564) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-208.64
Stddev	3.54
%RSD	1.6947

#1	-206.14
#2	-211.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3824.7	67856.	4929.7	208.48	5641.2
Stddev	.4	350.	26.3	7.38	90.9
%RSD	.01012	.51508	.53294	3.5415	1.6110

#1	3825.0	68104.	4948.2	213.70	5705.5
#2	3824.4	67609.	4911.1	203.26	5576.9

Sample Name: S1 Acquired: 11/12/2018 12:09:30 Type: Cal
Method: P4-ICP2(v2564) 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	.00144	.00561	.00143	.00153	.00944	.00071	.64409	.00545
Stddev	.00003	.00001	.00018	.00010	.00005	.00000	.00670	.00007
%RSD	1.7993	.19520	12.604	6.2499	.58206	.08645	1.0397	1.3325

#1	.00145	.00560	.00156	.00147	.00948	.00072	.64883	.00540
#2	.00142	.00562	.00130	.00160	.00940	.00071	.63936	.00550

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	.01887	.00170	.03356	.01296	.13769	.02584	.01634	.00184
Stddev	.00004	.00001	.00011	.00033	.00159	.00002	.00016	.00002
%RSD	.20407	.71040	.32042	2.5319	1.1562	.05962	1.0051	1.1525

#1	.01884	.00171	.03349	.01319	.13656	.02582	.01623	.00186
#2	.01890	.00169	.03364	.01273	.13882	.02585	.01646	.00183

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	.00642	2.8629	.15447	.00595	.00085	.16189	.00737	.01803
Stddev	.00005	.0071	.00058	.00019	.00015	.00253	.00010	.00016
%RSD	.71791	.24921	.37684	3.1965	17.466	1.5637	1.3520	.89279

#1	.00645	2.8579	.15406	.00581	.00096	.16368	.00730	.01815
#2	.00639	2.8680	.15488	.00608	.00075	.16010	.00744	.01792

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06539	-.0011	.24199	5998.6	-220.13
Stddev	.00126	.0001	.00017	3.8	17.95
%RSD	1.9307	5.675	.07089	.06382	8.1562

#1	.06628	-.0011	.24211	5995.9	-232.83
#2	.06450	-.0010	.24187	6001.3	-207.44

Sample Name: S1 Acquired: 11/12/2018 12:09:30 Type: Cal
Method: P4-ICP2(v2564) 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	3855.5	67894.	4989.5	181.96	5285.0
Stddev	2.5	68.	56.7	.51	4.4
%RSD	.06558	.09970	1.1357	.27850	.08377
#1	3853.7	67847.	4949.4	181.60	5288.1
#2	3857.3	67942.	5029.6	182.32	5281.8

Sample Name: S2 Acquired: 11/12/2018 12:13:55 Type: Cal
Method: P4-ICP2(v2564) 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	.09873	.02867	.60163	.14677
Stddev	.00002	.00018	.00102	.00093
%RSD	.02499	.64504	.17029	.63146

#1	.09874	.02854	.60235	.14611
#2	.09871	.02880	.60090	.14742

Int. Std.	Y_3710
Units	Cts/S
Avg	4987.1
Stddev	16.5
%RSD	.33158

#1	4975.4
#2	4998.8

Sample Name: S3 Acquired: 11/12/2018 12:17:51 Type: Cal
Method: P4-ICP2(v2564) 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	.15984	.37297	.32157	.18394	.39387	.03242	24.999	.10735
Stddev	.00009	.00119	.00029	.00076	.00085	.00005	.025	.00010
%RSD	.05846	.31885	.08963	.41355	.21529	.15886	.09851	.09364

#1	.15977	.37381	.32178	.18447	.39447	.03246	25.016	.10728
#2	.15990	.37213	.32137	.18340	.39327	.03239	24.981	.10742

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9149	.58875	.07633	1.3711	.37575	3.2690	1.3837	.17224
Stddev	.0110	.00231	.00013	.0026	.00027	.0539	.0025	.00054
%RSD	.28024	.39192	.16949	.18794	.07274	1.6483	.18016	.31347

#1	3.9227	.58712	.07624	1.3729	.37556	3.2309	1.3820	.17262
#2	3.9072	.59038	.07642	1.3693	.37594	3.3071	1.3855	.17186

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	.62494	.09823	3.4358	.17918	86.753	1.0047	1.8359	.12947
Stddev	.00223	.00006	.0071	.00031	1.399	.0032	.0002	.00157
%RSD	.35694	.05790	.20765	.17091	1.6122	.31564	.00924	1.2163

#1	.62652	.09819	3.4409	.17940	85.764	1.0069	1.8361	.12835
#2	.62337	.09827	3.4308	.17897	87.742	1.0025	1.8358	.13058

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	.09307	.94105	.43386	.89160	4.0422	.2305	26.784	5543.2
Stddev	.00021	.00849	.00114	.00173	.0024	.0008	.028	49.0
%RSD	.23006	.90167	.26186	.19357	.05998	.3562	.10402	.88337

#1	.09322	.93505	.43466	.89282	4.0439	.2310	26.765	5577.8
#2	.09292	.94705	.43306	.89038	4.0405	.2299	26.804	5508.6

Sample Name: S3 Acquired: 11/12/2018 12:17:51 Type: Cal
 Method: P4-ICP2(v2564) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-244.61
Stddev	3.46
%RSD	1.4142

#1	-247.06
#2	-242.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.2	66250.	4990.5	153.38	4378.9
Stddev	.5	5.	9.9	2.56	11.3
%RSD	.01306	.00802	.19932	1.6680	.25896

#1	3746.5	66247.	4997.5	155.19	4370.9
#2	3745.8	66254.	4983.5	151.57	4386.9

Sample Name: S4 Acquired: 11/12/2018 12:21:37 Type: Cal
Method: P4-ICP2(v2564) 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	.31883	.75780	.65828	.36326	.77997	.06479	48.648	.21125
Stddev	.00050	.00044	.00206	.00026	.00079	.00029	.332	.00074
%RSD	.15758	.05827	.31265	.07170	.10096	.44553	.68343	.34984

#1	.31848	.75812	.65974	.36308	.77941	.06459	48.884	.21177
#2	.31919	.75749	.65683	.36345	.78052	.06500	48.413	.21072

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0714	1.1547	.15063	2.8175	.72952	6.6332	2.7033	.34121
Stddev	.0238	.0071	.00018	.0098	.00100	.1046	.0056	.00423
%RSD	.29447	.61602	.11748	.34722	.13671	1.5765	.20596	1.2387

#1	8.0883	1.1597	.15076	2.8244	.73023	6.7071	2.7072	.34420
#2	8.0546	1.1497	.15051	2.8106	.72882	6.5592	2.6993	.33822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2828	.19344	6.6699	.35262	174.09	1.9696	3.6120	.25640
Stddev	.0023	.00029	.0505	.00013	4.48	.0131	.0054	.00066
%RSD	.18034	.15005	.75781	.03641	2.5754	.66380	.14873	.25902

#1	1.2845	.19324	6.7057	.35271	177.26	1.9789	3.6158	.25687
#2	1.2812	.19365	6.6342	.35253	170.92	1.9604	3.6082	.25593

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	.19609	1.7729	.89106	1.7609	7.8555	.4858	51.826	5400.9
Stddev	.00025	.0231	.00138	.0091	.0528	.0001	.959	32.3
%RSD	.12598	1.3041	.15433	.51918	.67213	.0216	1.8497	.59875

#1	.19592	1.7892	.89203	1.7673	7.8928	.4857	52.504	5378.0
#2	.19627	1.7565	.89009	1.7544	7.8182	.4859	51.148	5423.8

Sample Name: S4 Acquired: 11/12/2018 12:21:37 Type: Cal
Method: P4-ICP2(v2564) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-264.67
Stddev	11.62
%RSD	4.3919

#1	-272.89
#2	-256.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.1	66063.	5053.1	150.43	4164.7
Stddev	5.2	41.	57.5	3.91	14.7
%RSD	.13828	.06240	1.1372	2.5985	.35234

#1	3747.4	66034.	5012.5	147.67	4154.3
#2	3754.7	66092.	5093.7	153.19	4175.1

Sample Name: S5 Acquired: 11/12/2018 12:25:25 Type: Cal
 Method: P4-ICP2(v2564) 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	.63272	1.4779	1.3012	.72169	1.5449	.12976	94.342	.41084
Stddev	.00047	.0038	.0013	.00069	.0031	.00056	1.177	.00186
%RSD	.07411	.25897	.10301	.09550	.20005	.43384	1.2477	.45279
#1	.63239	1.4752	1.3003	.72120	1.5471	.12937	95.175	.40952
#2	.63305	1.4806	1.3022	.72218	1.5427	.13016	93.510	.41215
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.002	2.2259	.29093	5.5942	1.4157	12.997	5.1682	.65863
Stddev	.021	.0104	.00320	.0052	.0025	.201	.0349	.00640
%RSD	.13117	.46589	1.1015	.09260	.17802	1.5456	.67532	.97153
#1	15.987	2.2332	.28867	5.5906	1.4175	13.139	5.1435	.66316
#2	16.017	2.2185	.29320	5.5979	1.4139	12.855	5.1928	.65411
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5400	.37975	13.001	.68774	332.37	3.8714	7.0459	.49737
Stddev	.0014	.00264	.117	.00237	6.20	.0287	.0089	.00501
%RSD	.05594	.69492	.90265	.34474	1.8662	.74026	.12664	1.0072
#1	2.5390	.37789	13.084	.68606	336.76	3.8917	7.0522	.50091
#2	2.5410	.38162	12.918	.68941	327.98	3.8511	7.0396	.49383
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	.40490	3.3762	1.7655	3.4077	15.325	.9883	102.02	5161.2
Stddev	.00110	.0089	.0031	.0252	.117	.0021	.54	82.8
%RSD	.27174	.26504	.17753	.74008	.76473	.2142	.52912	1.6048
#1	.40412	3.3825	1.7633	3.4255	15.408	.9868	102.40	5219.7
#2	.40567	3.3698	1.7677	3.3898	15.242	.9898	101.64	5102.6

Sample Name: S5 Acquired: 11/12/2018 12:25:25 Type: Cal
 Method: P4-ICP2(v2564) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-293.19
Stddev	8.94
%RSD	3.0509

#1	-299.51
#2	-286.86

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.5	64228.	5065.8	147.68	3896.2
Stddev	11.2	38.	60.0	2.96	3.7
%RSD	.31080	.05920	1.1845	2.0029	.09543

#1	3598.6	64201.	5023.3	145.59	3893.6
#2	3614.5	64255.	5108.2	149.78	3898.8

Sample Name: ICV01 Acquired: 11/12/2018 12:29:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98466	1.0501	1.0077	.99293	.97236	2.4841	.50273	.48163
Stddev	.00451	.0027	.0024	.00278	.00298	.0010	.00092	.00043
%RSD	.45765	.25908	.23341	.27988	.30639	.04237	.18366	.08872

#1	.98785	1.0521	1.0093	.99489	.97446	2.4849	.50339	.48133
#2	.98147	1.0482	1.0060	.99096	.97025	2.4834	.50208	.48194

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49290	10.139	.50267	.50202	.51648	4.9518	.51094	6.0656
Stddev	.00074	.025	.00092	.00110	.00143	.0275	.00111	.0452
%RSD	.14978	.24492	.18317	.21822	.27617	.55584	.21726	.74444

#1	.49343	10.122	.50201	.50280	.51749	4.9323	.51016	6.0337
#2	.49238	10.157	.50332	.50125	.51547	4.9712	.51173	6.0975

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50603	.50317	9.9370	.49609	1.0042	10.083	2.5341	2.5151
Stddev	.00123	.00071	.0002	.00095	.0017	.037	.0120	.0173
%RSD	.24363	.14174	.00168	.19097	.17066	.37089	.47331	.68708

#1	.50691	.50267	9.9369	.49542	1.0029	10.056	2.5257	2.5029
#2	.50516	.50368	9.9372	.49676	1.0054	10.109	2.5426	2.5273

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00368	2.4296	2.5473	2.5633	F .00631	F -.0026	F .00645	F 1.5083
Stddev	.00084	.0033	.0092	.0046	.00167	.0007	.00000	.0961
%RSD	22.773	.13600	.36080	.17847	26.418	26.41	.03415	6.3688

#1	.00309	2.4319	2.5408	2.5601	.00748	-.0031	.00646	1.5762
#2	.00428	2.4273	2.5538	2.5665	.00513	-.0022	.00645	1.4403

Sample Name: ICV01 Acquired: 11/12/2018 12:29:28 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8800
 Stddev .2866
 %RSD 15.244

#1 1.6774
 #2 2.0827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.6	68487.	5204.2	158.20	4416.6
Stddev	12.4	15.	25.0	.22	11.0
%RSD	.31858	.02209	.48131	.13616	.24954

#1	3871.8	68476.	5186.5	158.36	4408.8
#2	3889.3	68497.	5222.0	158.05	4424.4

Sample Name: LLICV01 Acquired: 11/12/2018 12:40:57 Type: Unk
Method: P4-ICP2(v2564) 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	.02243	.04567	.01309	.02155	.05518	.11458	.10604	.00605
Stddev	.00046	.00048	.00177	.00099	.00058	.00401	.00107	.00000
%RSD	2.0399	1.0544	13.561	4.5762	1.0491	3.5026	1.0076	.07365

#1	.02211	.04601	.01183	.02224	.05559	.11741	.10679	.00606
#2	.02275	.04533	.01434	.02085	.05477	.11174	.10528	.00605

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00691	2.0261	.01050	.03416	.02098	.11577	.02285	2.0432
Stddev	.00003	.0194	.00006	.00022	.00011	.00256	.00013	.0129
%RSD	.47207	.95912	.61201	.64963	.54140	2.2076	.54900	.63073

#1	.00688	2.0398	.01054	.03400	.02090	.11758	.02294	2.0341
#2	.00693	2.0123	.01045	.03432	.02106	.11396	.02276	2.0523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04343	.01096	1.9726	.04244	.04685	2.0574	.20470	.10072
Stddev	.00010	.00011	.0057	.00051	.00064	.0077	.00075	.00688
%RSD	.22893	.95806	.29134	1.1999	1.3618	.37682	.36828	6.8266

#1	.04350	.01103	1.9767	.04280	.04730	2.0628	.20417	.10558
#2	.04336	.01089	1.9686	.04208	.04640	2.0519	.20524	.09586

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01446	.39610	.04580	.04554	.01856	F .0146	.02239	F 1.0452
Stddev	.00078	.00553	.00004	.00025	.00064	.0004	.00001	.3945
%RSD	5.3622	1.3965	.08563	.54041	3.4337	2.829	.05387	37.745

#1	.01391	.40001	.04582	.04571	.01901	.0143	.02240	1.3242
#2	.01501	.39219	.04577	.04536	.01811	.0149	.02238	.76624

Sample Name: LLICV01 Acquired: 11/12/2018 12:40:57 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .25234
 Stddev 1.1422
 %RSD 452.63

#1 -.55530
 #2 1.0600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3944.3	70374.	5348.1	156.58	4553.8
Stddev	1.7	248.	39.9	2.31	2.6
%RSD	.04269	.35190	.74601	1.4752	.05679

#1	3945.5	70199.	5319.9	154.95	4552.0
#2	3943.1	70549.	5376.3	158.22	4555.6

Sample Name: ICB01 Acquired: 11/12/2018 12:44:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00152	-.00027	.00153	-.00209	.01461	-.00072	-.00000
Stddev	.00043	.00128	.00062	.00140	.00074	.00799	.00072	.00001
%RSD	60.441	83.736	233.89	91.207	35.382	54.673	100.11	334.32
#1	-.00103	-.00062	.00017	.00252	-.00157	.02025	-.00021	-.00001
#2	-.00041	-.00243	-.00070	.00054	-.00261	.00896	-.00123	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00744	.00047	.00008	-.00022	.00554	.00008	-.00137
Stddev	.00007	.00208	.00063	.00002	.00027	.00232	.00002	.02545
%RSD	144.95	28.003	134.03	26.593	123.88	41.975	29.362	1858.6
#1	-.00009	-.00892	.00002	.00009	-.00003	.00389	.00010	.01662
#2	.00000	-.00597	.00091	.00006	-.00041	.00718	.00007	-.01936
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	.00059	-.05443	-.00055	-.00007	.04921	-.00015	.00034
Stddev	.00034	.00007	.00784	.00003	.00003	.01423	.00006	.00187
%RSD	22.468	11.610	14.410	5.2982	34.866	28.909	38.086	548.66
#1	-.00126	.00063	-.05997	-.00053	-.00009	.05927	-.00019	.00166
#2	-.00174	.00054	-.04888	-.00057	-.00006	.03915	-.00011	-.00098
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00728	.00400	.00154	.00077	-.00080	-.0054	-.00002	F .65534
Stddev	.00076	.00488	.00055	.00091	.00207	.0004	.00001	.14845
%RSD	10.486	121.94	35.904	118.91	259.37	8.059	95.002	22.653
#1	-.00674	.00745	.00194	.00141	-.00226	-.0057	-.00001	.55037
#2	-.00782	.00055	.00115	.00012	.00066	-.0051	-.00003	.76031

Sample Name: ICB01 Acquired: 11/12/2018 12:44:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .14174
Stddev	.23919
%RSD	168.76

#1	.31087
#2	-.02740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.3	70027.	5298.8	158.33	4653.3
Stddev	19.7	32.	41.8	3.15	24.7
%RSD	.50391	.04563	.78806	1.9911	.53141

#1	3902.3	70005.	5269.3	156.10	4635.8
#2	3930.3	70050.	5328.3	160.56	4670.8

Sample Name: CRI01 Acquired: 11/12/2018 12:55:09 Type: Unk
Method: P4-ICP2(v2564) 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	.02084	.04708	.00934	.02243	.05514	.11737	.10779	.00618
Stddev	.00136	.00114	.00053	.00241	.00005	.00752	.00029	.00002
%RSD	6.5255	2.4264	5.7009	10.728	.08353	6.4105	.26926	.33265
#1	.02180	.04627	.00972	.02073	.05510	.12269	.10800	.00617
#2	.01988	.04788	.00897	.02413	.05517	.11205	.10759	.00620
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00691	2.0548	.01036	.03466	.02217	.12161	.02305	2.1506
Stddev	.00007	.0107	.00023	.00006	.00025	.00104	.00008	.0595
%RSD	1.0498	.52117	2.1856	.17511	1.1438	.85383	.34155	2.7681
#1	.00696	2.0624	.01020	.03461	.02199	.12235	.02299	2.1085
#2	.00686	2.0472	.01052	.03470	.02235	.12088	.02310	2.1927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04432	.01142	2.0051	.04373	.04698	2.0666	.20774	.10376
Stddev	.00002	.00040	.0166	.00014	.00038	.0043	.00079	.00204
%RSD	.03653	3.5331	.82590	.32026	.81044	.21028	.38175	1.9685
#1	.04431	.01114	1.9933	.04383	.04671	2.0635	.20831	.10232
#2	.04433	.01171	2.0168	.04364	.04724	2.0697	.20718	.10521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01254	.39491	.04652	.04549	.01604	.0156	.02284	F .46081
Stddev	.00157	.00136	.00050	.00037	.00065	.0005	.00004	.35439
%RSD	12.542	.34498	1.0728	.81689	4.0566	2.920	.19505	76.906
#1	.01365	.39587	.04688	.04522	.01650	.0153	.02287	.71140
#2	.01143	.39394	.04617	.04575	.01558	.0159	.02281	.21022

Sample Name: CRI01 Acquired: 11/12/2018 12:55:09 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .66676
Stddev	.88140
%RSD	132.19

#1	1.2900
#2	.04352

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.5	70679.	5349.3	159.08	4555.0
Stddev	7.9	98.	5.2	1.80	1.0
%RSD	.19841	.13843	.09740	1.1298	.02215

#1	3951.0	70610.	5345.6	160.35	4554.3
#2	3962.1	70748.	5353.0	157.81	4555.7

Sample Name: ICSA01 Acquired: 11/12/2018 12:59:10 Type: Unk
 Method: P4-ICP2(v2564) 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	-.00582	-.00847	.00547	.00400	.00338	267.74	.00452	.00031
Stddev	.00180	.00069	.00182	.00194	.00132	.94	.00097	.00002
%RSD	30.885	8.1675	33.240	48.486	39.107	.35071	21.445	7.2016
#1	-.00455	-.00798	.00418	.00537	.00244	267.07	.00383	.00033
#2	-.00709	-.00896	.00675	.00263	.00431	268.40	.00520	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	246.57	.05409	-.00068	-.00978	102.87	.01062	254.71
Stddev	.00021	.25	.00012	.00015	.00136	1.08	.00009	3.35
%RSD	24.720	.10224	.21848	21.504	13.856	1.0498	.84122	1.3141
#1	-.00100	246.74	.05401	-.00078	-.01074	103.63	.01069	257.07
#2	-.00070	246.39	.05417	-.00058	-.00882	102.11	.01056	252.34
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	-.00164	-.01458	.00085	-.00097	.07198	-.00103	.05852
Stddev	.00017	.00030	.00356	.00002	.00018	.00773	.00000	.00174
%RSD	4.5390	18.410	24.433	2.2881	18.425	10.738	.20929	2.9783
#1	.00358	-.00143	-.01206	.00083	-.00084	.07745	-.00103	.05975
#2	.00382	-.00185	-.01710	.00086	-.00109	.06652	-.00104	.05729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00257	.00449	-.00181	.00569	-.0045	-.00806	F 3.6396
Stddev	.00131	.00480	.00046	.00085	.00106	.0021	.00054	.2973
%RSD	112.03	186.42	10.310	47.287	18.702	46.99	6.7415	8.1688
#1	-.00024	-.00597	.00482	-.00120	.00644	-.0060	-.00844	3.4294
#2	-.00210	.00082	.00416	-.00241	.00493	-.0030	-.00767	3.8498

Sample Name: ICSA01 Acquired: 11/12/2018 12:59:10 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.7735
 Stddev .5561
 %RSD 14.737

#1 4.1667
 #2 3.3802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.7	62723.	5107.4	141.53	3656.8
Stddev	15.0	43.	50.1	2.73	29.8
%RSD	.43103	.06835	.98146	1.9280	.81392

#1	3473.1	62692.	5071.9	139.60	3635.7
#2	3494.3	62753.	5142.8	143.46	3677.8

Sample Name: ICSAB01 Acquired: 11/12/2018 13:07:49 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10237	.09521	.05426	.05952	.62964	270.87	.52636
Stddev	.00011	.00081	.00083	.00105	.00275	2.05	.00302
%RSD	.10531	.85499	1.5244	1.7619	.43719	.75618	.57409

#1	.10229	.09464	.05485	.05878	.63158	269.42	.52849
#2	.10244	.09579	.05368	.06027	.62769	272.32	.52422

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53591	1.0420	246.94	.55975	.51968	.49216	101.33
Stddev	.00154	.0012	.66	.00437	.00111	.00140	.17
%RSD	.28778	.11914	.26639	.78121	.21382	.28380	.16915

#1	.53482	1.0411	247.40	.55665	.51889	.49117	101.21
#2	.53700	1.0429	246.47	.56284	.52047	.49315	101.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52187	256.77	1.0302	.21418	-.01534	.50786	1.0335
Stddev	.00182	.58	.0026	.00199	.01263	.00297	.0009
%RSD	.34937	.22531	.25189	.92771	82.333	.58467	.08835

#1	.52058	257.18	1.0284	.21277	-.02426	.50576	1.0341
#2	.52316	256.36	1.0320	.21558	-.00641	.50996	1.0328

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05610	F 1.0908	F 1.1425	-.00766	F .99702	F 1.1463	F 1.1084
Stddev	.03309	.0002	.0017	.00016	.00591	.0013	.0024
%RSD	58.974	.02075	.14757	2.1462	.59233	.11021	.21511

#1	.03271	1.0906	1.1437	-.00778	1.0012	1.1454	1.1101
#2	.07950	1.0909	1.1413	-.00754	.99285	1.1472	1.1067

Sample Name: ICSAB01 Acquired: 11/12/2018 13:07:49 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00128	F -.0054	F -.00555	F 3.9260	F 3.2389
Stddev	.00003	.0006	.00057	.2294	.5100
%RSD	2.1912	11.31	10.222	5.8419	15.747

#1	.00126	-.0058	-.00514	3.7639	3.5995
#2	.00130	-.0050	-.00595	4.0882	2.8782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.4	62799.	5137.1	144.82	3649.2
Stddev	9.4	225.	36.0	.23	1.8
%RSD	.27022	.35878	.70176	.16101	.05014

#1	3482.8	62958.	5111.6	144.65	3650.5
#2	3496.1	62639.	5162.6	144.98	3647.9

Sample Name: CCV01 Acquired: 11/12/2018 13:11:45 Type: Unk
Method: P4-ICP2(v2564) 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	5.0600	5.2124	5.1682	5.0305	5.0633	9.9477	9.9839	.24983
Stddev	.0140	.0127	.0047	.0132	.0084	.0524	.0971	.00033
%RSD	.27741	.24379	.09200	.26180	.16594	.52701	.97225	.13319
#1	5.0699	5.2214	5.1716	5.0398	5.0692	9.9106	10.053	.25006
#2	5.0501	5.2034	5.1648	5.0212	5.0573	9.9848	9.9153	.24959
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6076	24.892	1.0002	2.6191	1.2740	5.1760	2.5068	24.720
Stddev	.0005	.069	.0008	.0009	.0029	.0645	.0112	.246
%RSD	.02058	.27739	.07568	.03530	.23141	1.2467	.44491	.99329
#1	2.6072	24.941	1.0007	2.6197	1.2761	5.1304	2.5147	24.894
#2	2.6080	24.843	.99966	2.6184	1.2719	5.2217	2.4989	24.546
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6157	1.2541	24.394	2.4858	2.5826	24.867	5.0653	4.9095
Stddev	.0012	.0026	.191	.0060	.0163	.174	.0023	.0052
%RSD	.04637	.20362	.78346	.23928	.62949	.70016	.04488	.10566
#1	2.6166	1.2559	24.529	2.4900	2.5711	24.990	5.0669	4.9131
#2	2.6148	1.2523	24.259	2.4816	2.5941	24.744	5.0637	4.9058
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1677	4.9681	5.2266	5.0423	4.9516	5.138	5.0101	F 3.1373
Stddev	.0017	.0411	.0010	.0113	.0398	.011	.0422	.1034
%RSD	.03221	.82672	.02016	.22365	.80436	.2034	.84189	3.2955
#1	5.1688	4.9972	5.2274	5.0503	4.9798	5.146	5.0399	3.2104
#2	5.1665	4.9391	5.2259	5.0343	4.9235	5.131	4.9803	3.0642

Sample Name: CCV01 Acquired: 11/12/2018 13:11:45 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4634
Stddev .0306
%RSD 1.2425

#1 2.4417
#2 2.4850

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3758.5	67526.	5267.2	150.82	4025.0
Stddev	15.5	214.	51.2	.52	14.4
%RSD	.41135	.31727	.97252	.34590	.35775

#1	3747.5	67374.	5231.0	151.18	4014.8
#2	3769.4	67677.	5303.5	150.45	4035.2

Sample Name: LLCCV01 Acquired: 11/12/2018 13:15:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02047	.04157	.01069	.02010	.04906	.10402	.09554	.00546
Stddev	.00143	.00050	.00061	.00027	.00045	.00231	.00026	.00007
%RSD	6.9772	1.2032	5.7380	1.3493	.92664	2.2224	.27089	1.3120

#1	.01946	.04193	.01026	.01991	.04939	.10239	.09572	.00551
#2	.02148	.04122	.01113	.02029	.04874	.10565	.09535	.00541

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	1.8103	.00899	.03081	.01934	.10535	.02036	1.8676
Stddev	.00005	.0120	.00012	.00030	.00048	.00206	.00002	.0297
%RSD	.75743	.66218	1.3670	.98113	2.4962	1.9524	.10649	1.5904

#1	.00615	1.8187	.00908	.03060	.01900	.10681	.02038	1.8886
#2	.00622	1.8018	.00890	.03103	.01968	.10390	.02035	1.8466

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03922	.00957	1.7760	.03827	.04209	1.8685	.18529	.09926
Stddev	.00034	.00049	.0166	.00014	.00051	.0198	.00004	.00423
%RSD	.86293	5.1089	.93431	.35801	1.2151	1.0606	.02266	4.2593

#1	.03946	.00992	1.7877	.03837	.04173	1.8825	.18532	.10225
#2	.03898	.00923	1.7643	.03817	.04245	1.8545	.18526	.09627

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01357	.35256	.04119	.04165	F .01393	F .0134	.02021	F .36995
Stddev	.00220	.00192	.00078	.00141	.00009	.0001	.00013	.22844
%RSD	16.200	.54371	1.9020	3.3791	.63771	.7282	.64891	61.749

#1	.01202	.35392	.04175	.04265	.01400	.0135	.02030	.20842
#2	.01513	.35121	.04064	.04066	.01387	.0133	.02011	.53148

Sample Name: LLCCV01 Acquired: 11/12/2018 13:15:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .12491
Stddev .03949
%RSD 31.612

#1 .09699
#2 .15283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.4	71225.	5402.1	158.00	4544.8
Stddev	2.7	22.	8.3	2.27	1.5
%RSD	.06781	.03087	.15368	1.4396	.03272

#1	3937.5	71241.	5396.2	159.61	4545.9
#2	3941.2	71210.	5407.9	156.39	4543.8

Sample Name: CCB01 Acquired: 11/12/2018 13:19:38 Type: Unk
Method: P4-ICP2(v2564) 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	.00185	-.00130	.00063	-.00115	-.00204	.00460	-.00080	-.00003
Stddev	.00047	.00053	.00000	.00047	.00220	.00201	.00008	.00005
%RSD	25.254	40.919	.20032	41.055	107.64	43.751	10.294	151.73
#1	.00218	-.00092	.00063	-.00082	-.00360	.00317	-.00074	-.00007
#2	.00152	-.00168	.00063	-.00149	-.00049	.00602	-.00086	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00507	-.00021	.00004	-.00016	.01289	.00008	.01520
Stddev	.00001	.00490	.00001	.00012	.00022	.00609	.00002	.00655
%RSD	14.885	96.577	4.2445	294.02	139.37	47.264	23.009	43.127
#1	-.00009	-.00854	-.00020	.00012	-.00000	.00858	.00009	.01983
#2	-.00007	-.00161	-.00021	-.00004	-.00031	.01720	.00007	.01056
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	.00066	-.04976	-.00095	-.00018	.03142	-.00011	.00594
Stddev	.00007	.00034	.00350	.00005	.00004	.01095	.00009	.00606
%RSD	4.8283	51.011	7.0297	4.7460	20.236	34.850	79.028	101.99
#1	-.00149	.00042	-.04729	-.00092	-.00021	.02367	-.00005	.00166
#2	-.00139	.00090	-.05224	-.00098	-.00016	.03916	-.00017	.01022
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00792	.00327	.00068	.00069	-.00406	-.0046	.00004	F 1.2425
Stddev	.00263	.00349	.00027	.00055	.00015	.0002	.00000	.0082
%RSD	33.250	106.69	39.782	79.249	3.6844	3.762	4.5649	.66267
#1	-.00605	.00080	.00088	.00108	-.00396	-.0047	.00003	1.2483
#2	-.00978	.00574	.00049	.00030	-.00417	-.0045	.00004	1.2367

Sample Name: CCB01 Acquired: 11/12/2018 13:19:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0619
Stddev .0566
%RSD 5.3341

#1 1.1020
#2 1.0219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3931.6	70302.	5321.8	157.68	4633.7
Stddev	2.0	260.	24.8	2.75	.5
%RSD	.05185	.36931	.46541	1.7414	.01170

#1	3930.2	70119.	5304.3	159.63	4634.1
#2	3933.1	70486.	5339.3	155.74	4633.3

Sample Name: LR CHECK1 Acquired: 11/12/2018 14:52:46 Type: Unk
Method: P4-ICP2(v2564) 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	-.04943	-.08916	-.11565	.06561	.05019	1928.9	.00285
Stddev	.00020	.00617	.00244	.00213	.00033	3.6	.00105
%RSD	.40075	6.9161	2.1120	3.2501	.65924	.18845	36.888

#1	-.04929	-.08480	-.11392	.06410	.05043	1926.3	.00359
#2	-.04957	-.09352	-.11737	.06712	.04996	1931.5	.00211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00428	.03256	1766.3	.12689	.04364	-.23051	F 936.77
Stddev	.00012	.00282	12.7	.00038	.00039	.01857	19.10
%RSD	2.7070	8.6642	.72107	.30047	.89319	8.0573	2.0385

#1	.00420	.03455	1775.3	.12716	.04391	-.21738	923.27
#2	.00436	.03056	1757.3	.12662	.04336	-.24365	950.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00592	F 1821.0	.17690	-.01561	1706.5	.00928	.09315
Stddev	.00009	.4	.00091	.00215	14.7	.00044	.00093
%RSD	1.5571	.02280	.51296	13.801	.86209	4.7619	1.0011

#1	-.00585	1820.7	.17626	-.01713	1716.9	.00897	.09249
#2	-.00598	1821.3	.17754	-.01409	1696.1	.00960	.09381

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1056.8	.01507	.50019	.46635	-.00617	.03449	-.05005
Stddev	12.2	.00098	.02846	.00361	.00485	.00178	.00007
%RSD	1.1565	6.4943	5.6904	.77459	78.567	5.1485	.14395

#1	1065.4	.01576	.48007	.46890	-.00960	.03575	-.05000
#2	1048.2	.01438	.52032	.46380	-.00274	.03324	-.05010

Sample Name: LR CHECK1 Acquired: 11/12/2018 14:52:46 Type: Unk
Method: P4-ICP2(v2564) 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	.05396	.0390	F -1.0097	4.1441	^ *****
Stddev	.00047	.0015	.0212	.1830	-----
%RSD	.86188	3.847	2.1019	4.4150	-----

#1	.05363	.0401	-.99474	4.0147	^ -----
#2	.05429	.0380	-1.0248	4.2734	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.0	48421.	4623.2	106.18	2140.8
Stddev	6.3	78.	26.4	2.02	.3
%RSD	.24612	.16124	.57105	1.9026	.01200

#1	2553.4	48476.	4604.6	107.61	2141.0
#2	2544.6	48366.	4641.9	104.75	2140.6

Sample Name: CCV02 Acquired: 11/12/2018 15:09:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0979	5.1423	5.3683	4.9744	5.0745	9.5079	9.7490	.23981
Stddev	.0056	.0083	.0010	.0012	.0129	.0139	.0420	.00022
%RSD	.10886	.16211	.01942	.02462	.25376	.14657	.43110	.09240
#1	5.0940	5.1364	5.3690	4.9735	5.0654	9.5178	9.7787	.23997
#2	5.1018	5.1482	5.3675	4.9752	5.0837	9.4981	9.7193	.23966
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5997	24.059	.94539	2.6346	1.2788	5.3129	2.3996	24.140
Stddev	.0000	.010	.00213	.0009	.0006	.0260	.0013	.234
%RSD	.00042	.04322	.22546	.03517	.04406	.48861	.05422	.97129
#1	2.5997	24.067	.94690	2.6340	1.2784	5.2945	2.4005	24.306
#2	2.5997	24.052	.94389	2.6353	1.2792	5.3312	2.3987	23.974
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6677	1.2168	22.730	2.3965	2.6332	25.271	5.0789	4.6855
Stddev	.0012	.0015	.201	.0017	.0043	.099	.0093	.0122
%RSD	.04588	.12142	.88505	.06871	.16343	.39007	.18235	.25972
#1	2.6669	1.2178	22.872	2.3953	2.6362	25.341	5.0724	4.6941
#2	2.6686	1.2157	22.587	2.3976	2.6301	25.201	5.0855	4.6769
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2845	4.8651	5.2637	4.9521	4.8271	5.105	4.8585	F 2.9104
Stddev	.0156	.0128	.0041	.0062	.0162	.005	.0314	.1828
%RSD	.29537	.26363	.07797	.12602	.33448	.1025	.64698	6.2800
#1	5.2735	4.8742	5.2608	4.9477	4.8385	5.101	4.8363	3.0396
#2	5.2956	4.8560	5.2666	4.9565	4.8157	5.109	4.8807	2.7811

Sample Name: CCV02 Acquired: 11/12/2018 15:09:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14167 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1407
Stddev	.1811
%RSD	8.4602

#1	2.2687
#2	2.0126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.2	70633.	5440.2	148.95	4010.1
Stddev	7.7	203.	34.8	.28	2.9
%RSD	.20229	.28691	.63969	.18693	.07192

#1	3787.6	70490.	5415.6	148.75	4012.2
#2	3776.7	70777.	5464.8	149.15	4008.1

Sample Name: CCB02 Acquired: 11/12/2018 15:17:33 Type: Unk
Method: P4-ICP2(v2564) 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	-.00128	-.00134	.00258	-.00116	-.00150	-.00441	-.00141
Stddev	.00128	.00027	.00092	.00027	.00115	.00269	.00024
%RSD	99.822	20.036	35.617	23.594	76.756	61.080	17.314

#1	-.00218	-.00153	.00323	-.00096	-.00231	-.00251	-.00124
#2	-.00038	-.00115	.00193	-.00135	-.00069	-.00632	-.00159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	.00786	-.00045	.00000	.00056	.00797
Stddev	.00004	.00009	.00768	.00004	.00002	.00029	.00180
%RSD	541.81	192.94	97.754	9.2051	604.48	51.801	22.629

#1	-.00002	-.00011	.01329	-.00042	.00002	.00077	.00670
#2	.00003	.00002	.00243	-.00048	-.00001	.00036	.00925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00061	-.00138	-.00001	.53301	-.00056	.00308
Stddev	.00003	.00596	.00055	.00017	.00021	.00030	.00017
%RSD	6.2211	974.05	39.590	1597.4	.03992	53.722	5.6453

#1	.00045	-.00482	-.00099	.00011	.53316	-.00078	.00320
#2	.00050	.00360	-.00177	-.00013	.53286	-.00035	.00296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65655	-.00025	.00193	-.00928	.00151	-.00001	.00011
Stddev	.00002	.00021	.00207	.00256	.00193	.00001	.00109
%RSD	.00373	82.663	107.60	27.565	127.61	181.95	1006.3

#1	.65653	-.00011	.00339	-.01109	.00015	.00000	-.00066
#2	.65657	-.00040	.00046	-.00747	.00288	-.00002	.00088

Sample Name: CCB02 Acquired: 11/12/2018 15:17:33 Type: Unk
 Method: P4-ICP2(v2564) 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	-.00377	-.0080	.00008	F .81884	F<.00000
Stddev	.00069	.0008	.00009	.00784	.64078
%RSD	18.376	10.09	116.96	.95742	528.24

#1	-.00328	-.0075	.00015	.82438	.33180
#2	-.00426	-.0086	.00001	.81330	-.57440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.4	73671.	5470.2	154.58	4543.0
Stddev	4.6	32.	24.6	.11	2.0
%RSD	.11642	.04324	.44967	.06861	.04406

#1	3944.2	73649.	5452.8	154.66	4541.5
#2	3950.7	73694.	5487.6	154.51	4544.4

Sample Name: LR CHECK2 Acquired: 11/12/2018 15:21:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.01094	F 263.60	.02712	-.00992	-.31087	90.721	-.00086
Stddev	.00099	.00030	.14	.00052	.00053	.00853	.761	.00004
%RSD	55.588	2.7500	.05304	1.9054	5.3542	2.7435	.83909	4.2687

#1	-.00248	-.01073	263.50	.02675	-.01030	-.30484	91.260	-.00084
#2	-.00108	-.01115	263.70	.02748	-.00955	-.31690	90.183	-.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00889	.18202	-.13787	-.01400	245.67	-.86372	F 49.396	-.12615
Stddev	.00000	.00053	.00020	.00010	.01	.00193	.099	.01649
%RSD	.03023	.29087	.14550	.74989	.00398	.22341	.20089	13.068

#1	-.00889	.18164	-.13801	-.01393	245.68	-.86236	49.326	-.13781
#2	-.00889	.18239	-.13773	-.01407	245.67	-.86509	49.466	-.11450

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.883	.01136	.55708	-.00993	F 38.228	.65432	-.00507	-.00197
Stddev	.052	.00003	.00997	.00016	.345	.01819	.00027	.00075
%RSD	.10070	.26722	1.7892	1.6390	.90198	2.7797	5.3536	38.174

#1	51.846	.01138	.55003	-.00981	37.984	.64145	-.00488	-.00144
#2	51.920	.01134	.56413	-.01004	38.471	.66718	-.00526	-.00250

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14088	.00100	-.00027	.00322	-.00924	-.4758	.00309	2.9782
Stddev	.00140	.00191	.00024	.00090	.00051	.0022	.00002	.1870
%RSD	.99125	190.27	90.485	27.989	5.4922	.4565	.70678	6.2792

#1	.13989	-.00035	-.00010	.00385	-.00888	-.4742	.00310	2.8460
#2	.14187	.00235	-.00044	.00258	-.00960	-.4773	.00307	3.1105

Sample Name: LR CHECK2 Acquired: 11/12/2018 15:21:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.68968
Stddev	.23960
%RSD	34.740

#1	.85910
#2	.52026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3705.8	71636.	5577.5	148.13	4045.4
Stddev	9.1	33.	20.6	.84	9.9
%RSD	.24460	.04659	.36939	.56486	.24582

#1	3712.2	71659.	5562.9	148.73	4052.5
#2	3699.4	71612.	5592.1	147.54	4038.4

Sample Name: J5860-14DLX10 Acquired: 11/12/2018 15:28:36 Type: Unk
Method: P4-ICP2(v2564) 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	.05218	-.00305	4.6789	.01778	.00559	12.365	2.0381
Stddev	.00229	.00044	.0048	.00034	.00098	.053	.0027
%RSD	4.3908	14.403	.10332	1.9338	17.571	.43002	.13081

#1	.05380	-.00336	4.6754	.01754	.00490	12.328	2.0362
#2	.05056	-.00274	4.6823	.01803	.00628	12.403	2.0400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.03032	91.354	.07685	.01538	2.4162	121.51
Stddev	.00007	.00004	.104	.00024	.00012	.0050	.74
%RSD	6.9859	.14660	.11372	.31304	.76334	.20530	.60537

#1	.00109	.03035	91.281	.07702	.01529	2.4127	120.99
#2	.00099	.03029	91.428	.07668	.01546	2.4197	122.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94467	10.474	.14868	.00259	.84354	.07348	5.3681
Stddev	.00053	.035	.00035	.00044	.00810	.00023	.0093
%RSD	.05609	.33303	.23565	16.988	.96063	.31841	.17404

#1	.94504	10.498	.14843	.00228	.84927	.07331	5.3615
#2	.94429	10.449	.14893	.00290	.83781	.07365	5.3747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9594	.01336	.10596	6.7187	.19030	.26853	.34251
Stddev	.0061	.00034	.00087	.0009	.00039	.00006	.00169
%RSD	.31316	2.5725	.81979	.01331	.20436	.02194	.49212

#1	1.9637	.01361	.10658	6.7193	.19003	.26857	.34370
#2	1.9551	.01312	.10535	6.7181	.19058	.26849	.34132

Sample Name: J5860-14DLX10 Acquired: 11/12/2018 15:28:36 Type: Unk
 Method: P4-ICP2(v2564) 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	.01096	1.378	.06217	1.6559	F<.00000
Stddev	.00064	.001	.00020	.1595	.33680
%RSD	5.8325	.1035	.32840	9.6295	5.3097

#1	.01051	1.379	.06232	1.7686	-6.5812
#2	.01141	1.377	.06203	1.5431	-6.1049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.3	71776.	5674.8	153.94	4079.6
Stddev	2.4	104.	28.4	.00	1.4
%RSD	.06185	.14526	.50044	.00265	.03361

#1	3809.6	71702.	5654.7	153.94	4078.6
#2	3813.0	71849.	5694.9	153.95	4080.5

Sample Name: J5860-16DLX10 Acquired: 11/12/2018 15:32:28 Type: Unk
Method: P4-ICP2(v2564) 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	.05559	-.00142	10.186	.03892	.01735	11.423	2.7456
Stddev	.00070	.00129	.003	.00213	.00003	.058	.0011
%RSD	1.2659	91.428	.02465	5.4607	.14625	.50955	.03928

#1	.05608	-.00233	10.184	.03742	.01733	11.465	2.7448
#2	.05509	-.00050	10.188	.04043	.01737	11.382	2.7464

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.04138	78.681	.09161	.02417	1.3401	241.85
Stddev	.00004	.00026	.029	.00000	.00000	.0009	.53
%RSD	2.8856	.62009	.03694	.00204	.01173	.06633	.22043

#1	.00140	.04120	78.702	.09161	.02417	1.3395	242.23
#2	.00134	.04156	78.661	.09161	.02417	1.3407	241.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4129	6.6812	.19537	.00302	.63949	.08562	8.3033
Stddev	.0001	.0253	.00097	.00031	.00713	.00076	.0047
%RSD	.00671	.37814	.49488	10.427	1.1152	.89199	.05726

#1	1.4130	6.6990	.19468	.00280	.64454	.08508	8.3000
#2	1.4129	6.6633	.19605	.00324	.63445	.08616	8.3067

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6907	.00651	.17770	8.8731	.25659	.19549	.37191
Stddev	.0208	.00026	.00562	.0131	.00160	.00076	.00155
%RSD	1.2290	3.9966	3.1601	.14770	.62226	.39119	.41565

#1	1.6760	.00669	.18167	8.8639	.25546	.19603	.37081
#2	1.7053	.00632	.17372	8.8824	.25771	.19495	.37300

Sample Name: J5860-16DLX10 Acquired: 11/12/2018 15:32:28 Type: Unk
 Method: P4-ICP2(v2564) 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	.01141	1.340	-.09474	.65724	F<.00000
Stddev	.00042	.006	.00019	.42135	1.0150
%RSD	3.7206	.4853	.19583	64.109	2.3931

#1	.01111	1.336	-.09487	.95518	-43.134
#2	.01171	1.345	-.09461	.35930	-41.698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3812.3	71724.	5673.5	151.12	4050.2
Stddev	1.5	422.	1.0	.16	4.5
%RSD	.04030	.58836	.01706	.10716	.11211

#1	3813.4	71426.	5674.2	151.23	4053.4
#2	3811.2	72022.	5672.8	151.00	4047.0

Sample Name: PB114727BS Acquired: 11/12/2018 15:36:21 Type: Unk
Method: P4-ICP2(v2564) 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	.74117	1.9249	1.0120	1.7882	.75691	1.8276	.19061
Stddev	.00075	.0035	.0006	.0045	.00108	.0087	.00077
%RSD	.10184	.18106	.06471	.25194	.14259	.47467	.40285

#1	.74170	1.9274	1.0125	1.7913	.75768	1.8215	.19115
#2	.74063	1.9224	1.0116	1.7850	.75615	1.8338	.19007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17259	.18811	.97045	.37850	.20068	.30067	3.1552
Stddev	.00001	.00001	.00698	.00503	.00025	.00033	.0156
%RSD	.00576	.00274	.71924	1.3284	.12505	.10830	.49307

#1	.17258	.18812	.97539	.37494	.20051	.30044	3.1662
#2	.17259	.18811	.96552	.38205	.20086	.30090	3.1442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19297	1.8679	.50435	.06525	2.9349	.28161	.20495
Stddev	.00062	.0268	.00034	.00051	.0106	.00012	.00285
%RSD	.32173	1.4333	.06830	.78764	.36037	.04174	1.3912

#1	.19253	1.8868	.50411	.06489	2.9424	.28152	.20696
#2	.19340	1.8490	.50460	.06561	2.9274	.28169	.20293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9209	.41074	.26675	F 2.4504	.84865	.69285	.19777
Stddev	.0748	.00024	.00618	.0103	.00493	.00102	.00110
%RSD	.75381	.05903	2.3158	.42065	.58145	.14682	.55691

#1	9.9738	.41091	.26239	2.4431	.85214	.69213	.19699
#2	9.8680	.41056	.27112	2.4576	.84517	.69357	.19855

Sample Name: PB114727BS Acquired: 11/12/2018 15:36:21 Type: Unk
 Method: P4-ICP2(v2564) 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	.19086	F 5.216	.19398	F 1.6988	F<.00000
Stddev	.00121	.005	.00042	.4563	.00393
%RSD	.63185	.0880	.21739	26.864	.25317

#1	.19000	5.213	.19428	1.3761	-1.5545
#2	.19171	5.219	.19368	2.0214	-1.5490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.5	73285.	5514.6	154.15	4421.9
Stddev	21.2	19.	41.0	2.71	20.8
%RSD	.54175	.02660	.74260	1.7572	.47066

#1	3905.5	73272.	5485.7	152.23	4407.2
#2	3935.6	73299.	5543.6	156.06	4436.6

Sample Name: PB114720BS Acquired: 11/12/2018 15:40:09 Type: Unk
Method: P4-ICP2(v2564) 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	.81088	2.1224	1.0976	1.9649	.78892	1.9853	.21765
Stddev	.00268	.0040	.0014	.0056	.00327	.0212	.00146
%RSD	.33048	.18923	.13139	.28305	.41455	1.0669	.67269

#1	.80898	2.1195	1.0966	1.9609	.78660	1.9703	.21868
#2	.81277	2.1252	1.0986	1.9688	.79123	2.0003	.21661

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19003	.20893	1.0826	.40653	.22043	.32996	3.3808
Stddev	.00028	.00018	.0066	.00026	.00050	.00016	.0285
%RSD	.14541	.08633	.61410	.06444	.22666	.04763	.84285

#1	.18984	.20880	1.0779	.40635	.22079	.32985	3.3607
#2	.19023	.20906	1.0873	.40672	.22008	.33007	3.4010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21119	2.0528	.55389	.06094	3.1882	.30619	.21947
Stddev	.00031	.0290	.00065	.00024	.0360	.00035	.00112
%RSD	.14572	1.4122	.11817	.39364	1.1285	.11303	.50990

#1	.21097	2.0733	.55343	.06111	3.2136	.30594	.22026
#2	.21140	2.0323	.55435	.06077	3.1627	.30643	.21868

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.679	.42256	.30060	F -.00518	.88583	.72353	.20998
Stddev	.097	.00052	.00014	.00078	.00864	.00238	.00144
%RSD	.90839	.12237	.04565	15.120	.97483	.32938	.68714

#1	10.747	.42220	.30051	-.00573	.89194	.72185	.21100
#2	10.610	.42293	.30070	-.00462	.87972	.72522	.20896

Sample Name: PB114720BS Acquired: 11/12/2018 15:40:09 Type: Unk
Method: P4-ICP2(v2564) 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	.20781	5.708	.21487	F 1.1563	F<.00000
Stddev	.00138	.006	.00119	.2798	.31430
%RSD	.66369	.0987	.55450	24.203	19.777

#1	.20878	5.704	.21571	1.3542	-1.8114
#2	.20683	5.712	.21403	.95839	-1.3669

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.9	74345.	5594.9	158.50	4453.3
Stddev	6.9	125.	56.1	.70	2.0
%RSD	.17394	.16752	1.0028	.44299	.04430

#1	3959.7	74257.	5555.2	158.00	4454.7
#2	3950.0	74433.	5634.6	158.99	4451.9

Sample Name: PB114719BS Acquired: 11/12/2018 15:43:59 Type: Unk
Method: P4-ICP2(v2564) 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	.78374	2.0470	1.0633	1.9002	.81796	2.1549	.20604
Stddev	.00184	.0011	.0009	.0023	.00111	.0369	.00041
%RSD	.23472	.05421	.08149	.11929	.13625	1.7126	.19832

#1	.78244	2.0478	1.0639	1.9018	.81875	2.1810	.20576
#2	.78504	2.0463	1.0627	1.8986	.81717	2.1288	.20633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17944	.20074	F 1.3348	.38979	.21418	.32144	F 3.9649
Stddev	.00403	.00026	.0120	.00738	.00037	.00110	.0252
%RSD	2.2479	.13102	.90126	1.8933	.17474	.34170	.63543

#1	.18229	.20056	1.3433	.39501	.21391	.32066	3.9471
#2	.17659	.20093	1.3263	.38458	.21444	.32221	3.9827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21025	2.1786	.53759	.06787	3.0987	.29442	.21676
Stddev	.00471	.0026	.00013	.00103	.0114	.00567	.00166
%RSD	2.2414	.11772	.02423	1.5151	.36712	1.9251	.76408

#1	.21358	2.1804	.53768	.06860	3.0906	.29843	.21559
#2	.20691	2.1768	.53750	.06714	3.1067	.29042	.21794

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.613	.44401	.30658	F -.00200	.90883	.75328	.23699
Stddev	.006	.00055	.00445	.00297	.00229	.00058	.00065
%RSD	.05241	.12354	1.4501	148.76	.25224	.07744	.27241

#1	10.617	.44362	.30972	.00010	.91045	.75369	.23745
#2	10.609	.44440	.30344	-.00410	.90721	.75287	.23653

Sample Name: PB114719BS Acquired: 11/12/2018 15:43:59 Type: Unk
Method: P4-ICP2(v2564) 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	.20140	5.549	.20443	F .55621	F<.00000
Stddev	.00048	.006	.00064	.53824	.34651
%RSD	.23594	.1127	.31066	96.769	22.212

#1	.20106	5.544	.20398	.93680	-1.8050
#2	.20173	5.553	.20488	.17562	-1.3150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.8	75056.	5517.6	154.49	4409.9
Stddev	8.3	1560.	2.2	.62	13.9
%RSD	.21125	2.0785	.03964	.40447	.31502

#1	3916.9	73953.	5516.0	154.94	4400.1
#2	3928.6	76159.	5519.1	154.05	4419.7

Sample Name: PB114705BS Acquired: 11/12/2018 15:47:49 Type: Unk
Method: P4-ICP2(v2564) 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	.79049	2.0630	1.0713	1.9216	.79844	1.9559	.20556
Stddev	.00183	.0009	.0001	.0052	.00062	.0012	.00088
%RSD	.23138	.04360	.00672	.27107	.07723	.05936	.42977

#1	.79178	2.0637	1.0713	1.9253	.79800	1.9567	.20493
#2	.78919	2.0624	1.0712	1.9180	.79887	1.9550	.20618

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18458	.20306	1.0485	.40759	.21694	.32262	3.3938
Stddev	.00062	.00033	.0201	.00017	.00034	.00017	.0070
%RSD	.33804	.16006	1.9155	.04180	.15671	.05401	.20776

#1	.18502	.20329	1.0343	.40771	.21718	.32274	3.3888
#2	.18414	.20283	1.0627	.40747	.21670	.32249	3.3988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20768	2.0301	.54438	.06986	3.0933	.30358	.22007
Stddev	.00026	.0009	.00053	.00012	.0035	.00006	.00045
%RSD	.12525	.04510	.09825	.17450	.11293	.02069	.20491

#1	.20749	2.0295	.54475	.06977	3.0908	.30363	.21975
#2	.20786	2.0307	.54400	.06994	3.0957	.30354	.22039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.564	.44272	.29292	F -.01059	.90666	.73188	.20970
Stddev	.094	.00013	.00142	.00218	.00075	.00277	.00157
%RSD	.88820	.03034	.48314	20.630	.08296	.37867	.74741

#1	10.497	.44281	.29192	-.00904	.90719	.73384	.20859
#2	10.630	.44262	.29392	-.01213	.90612	.72992	.21081

Sample Name: PB114705BS Acquired: 11/12/2018 15:47:49 Type: Unk
 Method: P4-ICP2(v2564) 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	.20168	5.583	.20822	F 1.6116	F<.00000
Stddev	.00068	.025	.00039	.0497	.23934
%RSD	.33679	.4467	.18572	3.0826	16.372

#1	.20120	5.600	.20849	1.5765	-1.6312
#2	.20216	5.565	.20795	1.6468	-1.2927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.1	73839.	5533.0	154.30	4407.4
Stddev	.3	137.	1.5	.23	14.5
%RSD	.00813	.18510	.02731	.14992	.32840

#1	3909.9	73743.	5531.9	154.46	4397.2
#2	3910.3	73936.	5534.1	154.14	4417.6

Sample Name: PB114715BS Acquired: 11/12/2018 15:51:38 Type: Unk
Method: P4-ICP2(v2564) 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	.76347	1.9794	1.0245	1.8502	.76681	1.8661	.19423
Stddev	.00374	.0051	.0020	.0014	.00112	.0088	.00032
%RSD	.48951	.25672	.19546	.07501	.14671	.47363	.16461

#1	.76082	1.9830	1.0259	1.8512	.76602	1.8724	.19445
#2	.76611	1.9758	1.0230	1.8492	.76761	1.8599	.19400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17755	.19375	1.0084	.39044	.20597	.31045	3.2365
Stddev	.00045	.00044	.0130	.00134	.00085	.00139	.0187
%RSD	.25557	.22956	1.2869	.34410	.41456	.44753	.57763

#1	.17722	.19406	.99920	.38949	.20658	.31143	3.2497
#2	.17787	.19343	1.0175	.39139	.20537	.30946	3.2232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19821	1.9211	.51993	.06814	2.8974	.28868	.21028
Stddev	.00000	.0298	.00003	.00062	.0226	.00078	.00179
%RSD	.00203	1.5527	.00500	.91027	.77999	.26910	.85042

#1	.19821	1.9422	.51995	.06771	2.9134	.28813	.21155
#2	.19822	1.9000	.51991	.06858	2.8814	.28923	.20902

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.014	.42414	.27191	F -.01259	.87613	.70516	.20156
Stddev	.033	.00078	.00883	.00326	.00633	.00021	.00086
%RSD	.32501	.18476	3.2490	25.899	.72293	.02938	.42454

#1	10.037	.42469	.27816	-.01489	.87165	.70501	.20095
#2	9.9909	.42358	.26566	-.01028	.88061	.70531	.20216

Sample Name: PB114715BS Acquired: 11/12/2018 15:51:38 Type: Unk
Method: P4-ICP2(v2564) 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	.19161	5.336	.19876	F 2.8341	F<.00000
Stddev	.00340	.002	.00007	.0744	.31347
%RSD	1.7732	.0296	.03438	2.6243	20.238

#1	.19401	5.337	.19881	2.8867	-1.7706
#2	.18920	5.334	.19872	2.7816	-1.3273

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.0	72646.	5490.6	153.77	4363.1
Stddev	15.4	145.	13.0	1.64	17.9
%RSD	.40047	.19927	.23588	1.0648	.41029

#1	3846.0	72543.	5481.4	152.61	4350.5
#2	3867.9	72748.	5499.7	154.93	4375.8

Sample Name: PB114727BL Acquired: 11/12/2018 15:55:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00174	-.00084	.00032	-.00370	.00732	-.01162	-.00001
Stddev	.00031	.00007	.00004	.00109	.00005	.00024	.00021	.00002
%RSD	876.74	4.3051	4.9647	343.58	1.3930	3.2342	1.8477	183.00

#1	-.00018	.00179	-.00081	-.00045	-.00374	.00715	-.01147	.00000
#2	.00025	.00169	-.00087	.00109	-.00366	.00748	-.01177	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.01555	-.00031	.00010	-.00032	.00190	-.00007	-.00753
Stddev	.00002	.00350	.00008	.00004	.00008	.00278	.00000	.01222
%RSD	13.602	22.484	27.220	38.438	26.195	146.40	1.5697	162.32

#1	.00011	-.01308	-.00025	.00008	-.00026	-.00007	-.00007	-.01617
#2	.00013	-.01803	-.00036	.00013	-.00038	.00387	-.00007	.00111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	-.00028	-.06016	-.00013	.00006	.16853	-.00033	-.00106
Stddev	.00017	.00001	.00396	.00008	.00002	.00184	.00001	.00198
%RSD	4.5302	2.9410	6.5767	65.840	33.923	1.0923	3.9186	185.95

#1	.00370	-.00028	-.05736	-.00007	.00007	.16723	-.00034	.00033
#2	.00394	-.00029	-.06296	-.00018	.00004	.16984	-.00032	-.00246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00636	-.02991	-.00178	-.00092	-.01531	-.0074	.00007	^ *****
Stddev	.00122	.00137	.00001	.00004	.00024	.0003	.00001	-----
%RSD	19.095	4.5651	.51336	4.2805	1.5752	3.389	19.652	-----

#1	-.00722	-.03088	-.00178	-.00094	-.01514	-.0076	.00008	^ -----
#2	-.00550	-.02895	-.00179	-.00089	-.01548	-.0072	.00006	^ -----

Sample Name: PB114727BL Acquired: 11/12/2018 15:55:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.0788
Stddev .3678
%RSD 7.2422

#1 5.3389
#2 4.8187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14070.	248250.	13860.	404.27	16839.
Stddev	275.	7727.	357.	6.22	306.
%RSD	1.9523	3.1127	2.5737	1.5397	1.8157

#1	13875.	242790.	13608.	399.87	16623.
#2	14264.	253710.	14112.	408.67	17055.

Sample Name: PB114720BL Acquired: 11/12/2018 15:59:33 Type: Unk
Method: P4-ICP2(v2564) 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	.00057	.00185	-.00145	.00012	-.00350	.00751	-.01167
Stddev	.00033	.00020	.00001	.00000	.00006	.00553	.00019
%RSD	57.464	10.981	.81991	3.4855	1.6629	73.566	1.6643

#1	.00034	.00200	-.00144	.00013	-.00346	.01142	-.01180
#2	.00080	.00171	-.00146	.00012	-.00354	.00360	-.01153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00009	-.01710	-.00037	.00003	-.00019	-.00185
Stddev	.00002	.00001	.00327	.00001	.00000	.00017	.00022
%RSD	1526.6	15.616	19.144	3.4401	7.0149	89.238	11.810

#1	.00001	.00008	-.01942	-.00038	.00003	-.00007	-.00201
#2	-.00002	.00010	-.01479	-.00037	.00003	-.00031	-.00170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00734	.00412	-.00014	-.06411	-.00021	-.00022
Stddev	.00000	.00385	.00005	.00001	.00052	.00003	.00005
%RSD	.21655	52.470	1.1863	3.6352	.80928	13.210	21.247

#1	-.00007	-.01006	.00409	-.00014	-.06447	-.00019	-.00025
#2	-.00007	-.00462	.00416	-.00015	-.06374	-.00023	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17921	-.00037	-.00238	-.00750	-.03047	-.00164	-.00071
Stddev	.00380	.00010	.00135	.00052	.00008	.00005	.00034
%RSD	2.1177	28.485	56.521	6.9580	.25859	3.1009	47.162

#1	.18189	-.00029	-.00143	-.00713	-.03053	-.00161	-.00095
#2	.17653	-.00044	-.00334	-.00787	-.03042	-.00168	-.00048

Sample Name: PB114720BL Acquired: 11/12/2018 15:59:33 Type: Unk
Method: P4-ICP2(v2564) 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 -.01605	-.0077	.00007	^ *****	F 4.7893
Stddev	.00002	.0001	.00006	----	.4448
%RSD	.10163	1.806	95.247	----	9.2874

#1	-.01606	-.0078	.00011	^ ----	5.1038
#2	-.01604	-.0076	.00002	^ ----	4.4748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15070.	258110.	14756.	433.92	17960.
Stddev	244.	9917.	381.	13.97	265.
%RSD	1.6190	3.8420	2.5806	3.2203	1.4737

#1	14897.	251100.	15026.	443.80	17773.
#2	15242.	265120.	14487.	424.04	18147.

Sample Name: CCV03 Acquired: 11/12/2018 17:04:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7646	4.8700	5.0325	4.6234	4.7345	10.214	9.0322	.22783
Stddev	.0145	.0081	.0213	.0157	.0111	.045	.0003	.00059
%RSD	.30489	.16563	.42315	.33915	.23484	.44308	.00325	.26080
#1	4.7544	4.8643	5.0174	4.6123	4.7267	10.182	9.0320	.22741
#2	4.7749	4.8758	5.0475	4.6345	4.7424	10.246	9.0324	.22825
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4602	22.572	.90097	2.4933	1.2010	5.0665	2.2664	24.047
Stddev	.0074	.120	.00014	.0048	.0024	.0720	.0026	.014
%RSD	.30092	.53370	.01609	.19156	.20029	1.4202	.11365	.05637
#1	2.4549	22.487	.90107	2.4899	1.1993	5.1174	2.2646	24.056
#2	2.4654	22.657	.90087	2.4967	1.2027	5.0157	2.2682	24.037
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5267	1.1540	23.549	2.2503	2.5102	23.138	4.7687	F 4.3882
Stddev	.0067	.0031	.019	.0001	.0341	.003	.0004	.0057
%RSD	.26525	.26987	.07871	.00452	1.3597	.01346	.00845	.12980
#1	2.5220	1.1562	23.536	2.2503	2.5343	23.135	4.7684	4.3842
#2	2.5315	1.1518	23.563	2.2504	2.4860	23.140	4.7690	4.3922
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9600	4.5523	4.9937	4.6719	F 4.4882	4.786	4.5883	F 3.2229
Stddev	.0117	.0088	.0112	.0191	.0061	.002	.0310	.0751
%RSD	.23625	.19338	.22362	.40778	.13646	.0457	.67623	2.3316
#1	4.9517	4.5461	4.9858	4.6853	4.4839	4.785	4.5663	3.1698
#2	4.9683	4.5586	5.0016	4.6584	4.4925	4.788	4.6102	3.2760

Sample Name: CCV03 Acquired: 11/12/2018 17:04:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2404
Stddev .1247
%RSD 5.5647

#1 2.1523
#2 2.3286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.2	71225.	5513.2	148.39	4019.9
Stddev	2.6	130.	1.4	2.18	.1
%RSD	.06778	.18245	.02549	1.4696	.00129

#1	3814.4	71133.	5512.2	146.85	4019.9
#2	3818.1	71317.	5514.2	149.93	4019.9

Sample Name: CCB03 Acquired: 11/12/2018 17:08:05 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00123	.00362	.00027	-.00212	.01543	-.00113	.00001
Stddev	.00043	.00018	.00054	.00178	.00086	.00390	.00033	.00003
%RSD	53.522	14.837	15.039	651.78	40.296	25.271	28.933	246.84
#1	.00050	-.00110	.00401	.00153	-.00273	.01818	-.00136	-.00001
#2	.00112	-.00136	.00324	-.00099	-.00152	.01267	-.00090	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00168	-.00029	.00012	-.00036	.01544	.00024	-.00097
Stddev	.00009	.00501	.00019	.00022	.00009	.00009	.00006	.02235
%RSD	115.85	298.49	63.379	184.83	25.023	.60450	23.476	2301.1
#1	-.00001	.00522	-.00043	.00027	-.00030	.01538	.00028	-.01678
#2	-.00014	-.00186	-.00016	-.00004	-.00043	.01551	.00020	.01483
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00040	.04229	-.00050	.00022	.17912	.00014	.00418
Stddev	.00012	.00028	.00319	.00040	.00001	.03654	.00018	.00684
%RSD	7.4380	70.425	7.5408	79.653	5.3323	20.400	128.54	163.70
#1	-.00149	.00060	.04004	-.00078	.00022	.20495	.00027	-.00066
#2	-.00166	.00020	.04455	-.00022	.00023	.15328	.00001	.00901
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01116	.00152	.00047	.00133	-.00509	-.0063	.00004	F .17096
Stddev	.00341	.00171	.00082	.00105	.00067	.0014	.00008	.16447
%RSD	30.553	112.07	173.31	78.815	13.102	22.72	209.56	96.204
#1	-.01357	.00032	.00105	.00059	-.00556	-.0073	.00009	.28726
#2	-.00875	.00273	-.00011	.00207	-.00462	-.0053	-.00002	.05466

Sample Name: CCB03 Acquired: 11/12/2018 17:08:05 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .29413
Stddev .10784
%RSD 36.663

#1 .21788
#2 .37038

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3978.0	74604.	5488.0	156.44	4571.6
Stddev	6.3	31.	1.7	1.37	6.4
%RSD	.15762	.04181	.03116	.87385	.14010

#1	3973.5	74582.	5486.8	157.41	4567.1
#2	3982.4	74627.	5489.2	155.48	4576.2

Sample Name: J5766-01 Acquired: 11/12/2018 17:12:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01136	-.01866	-.01423	.07697	-.00034	192.45	.61989
Stddev	.00304	.00184	.00239	.00390	.00017	.45	.00392
%RSD	26.783	9.8830	16.774	5.0674	50.875	.23280	.63193

#1	.00921	-.01996	-.01254	.07973	-.00046	192.77	.61712
#2	.01351	-.01736	-.01592	.07421	-.00022	192.13	.62266

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01177	-.00301	38.209	.12055	.17153	.05286	401.38
Stddev	.00004	.00012	.253	.00139	.00028	.00138	1.20
%RSD	.35115	3.8907	.66179	1.1516	.16438	2.6120	.30005

#1	.01180	-.00310	38.030	.11957	.17133	.05188	402.23
#2	.01174	-.00293	38.388	.12153	.17173	.05384	400.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9948	43.768	.17721	.01913	7.6352	.37522	.71812
Stddev	.0159	.176	.00006	.00004	.0427	.00239	.00054
%RSD	.53102	.40304	.03426	.22785	.55908	.63826	.07489

#1	3.0060	43.643	.17717	.01916	7.6050	.37691	.71850
#2	2.9835	43.892	.17726	.01910	7.6654	.37352	.71774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0751	.00203	.50315	4.2333	2.8797	.01948	4.5072
Stddev	.0316	.00001	.00576	.0086	.0090	.00165	.0311
%RSD	.44713	.33596	1.1441	.20284	.31243	8.4642	.69008

#1	7.0528	.00203	.50722	4.2272	2.8861	.01832	4.4852
#2	7.0975	.00204	.49908	4.2394	2.8733	.02065	4.5292

Sample Name: J5766-01 Acquired: 11/12/2018 17:12:09 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09837	7.155	-.32344	<.00000	F<.00000
Stddev	.00040	.001	.00188	.21004	.31149
%RSD	.40270	.0068	.58043	1.2819	.29077

#1	.09865	7.155	-.32476	-16.533	-107.35
#2	.09809	7.156	-.32211	-16.236	-106.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5636.1	105010.	8373.8	143.63	3745.5
Stddev	29.0	266.	41.2	.42	14.6
%RSD	.51487	.25328	.49155	.29269	.38922

#1	5656.6	104820.	8402.9	143.33	3755.8
#2	5615.6	105190.	8344.7	143.93	3735.2

Sample Name: J5766-01DUP Acquired: 11/12/2018 17:16:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01145	-.01988	-.01567	.07819	-.00075	192.63	.61877
Stddev	.00260	.00125	.00113	.00487	.00076	.30	.00343
%RSD	22.699	6.2663	7.2107	6.2268	101.74	.15672	.55399

#1	.01329	-.02076	-.01487	.08163	-.00129	192.84	.61635
#2	.00961	-.01900	-.01647	.07475	-.00021	192.42	.62120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01162	-.00308	38.334	.12168	.17173	.05497	399.23
Stddev	.00002	.00122	.103	.00070	.00019	.00750	8.06
%RSD	.16617	39.548	.26901	.57937	.11203	13.636	2.0190

#1	.01161	-.00394	38.261	.12218	.17160	.04967	404.93
#2	.01163	-.00222	38.407	.12118	.17187	.06027	393.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0100	43.690	.17732	.01857	7.6369	.37604	.71289
Stddev	.0267	.151	.00097	.00142	.0272	.00123	.01469
%RSD	.88679	.34659	.54480	7.6263	.35588	.32695	2.0609

#1	3.0288	43.583	.17664	.01957	7.6176	.37691	.72328
#2	2.9911	43.797	.17800	.01757	7.6561	.37517	.70250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0641	.00205	.49615	4.2383	2.8990	.02013	4.5002
Stddev	.0131	.00023	.00892	.0025	.0259	.00096	.0012
%RSD	.18562	11.216	1.7975	.05875	.89383	4.7828	.02683

#1	7.0733	.00189	.50246	4.2365	2.9174	.01945	4.4994
#2	7.0548	.00222	.48984	4.2400	2.8807	.02081	4.5011

Sample Name: J5766-01DUP Acquired: 11/12/2018 17:16:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09761	7.205	-.32088	<.00000	F<.00000
Stddev	.00050	.018	.00927	.24853	2.3195
%RSD	.51105	.2489	2.8902	1.5361	2.1962

#1	.09725	7.192	-.32744	-16.355	-103.97
#2	.09796	7.217	-.31432	-16.004	-107.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5640.6	104720.	8358.2	144.46	3736.9
Stddev	5.1	249.	18.0	3.19	3.6
%RSD	.09005	.23756	.21547	2.2112	.09723

#1	5637.0	104550.	8370.9	142.21	3734.3
#2	5644.2	104900.	8345.5	146.72	3739.4

Sample Name: J5766-01LX5 Acquired: 11/12/2018 17:20:14 Type: Unk
Method: P4-ICP2(v2564) 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	.00446	-.00504	.00467	.01345	-.00113	50.950	.16875	.00309
Stddev	.00140	.00018	.00199	.00027	.00030	.792	.00492	.00002
%RSD	31.478	3.6539	42.628	2.0042	26.987	1.5551	2.9137	.69980

#1	.00545	-.00491	.00608	.01364	-.00134	50.390	.16527	.00307
#2	.00347	-.00517	.00327	.01326	-.00091	51.511	.17222	.00310

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	10.821	.03512	.03344	.04638	77.933	.86456	12.237
Stddev	.00028	.327	.00019	.00012	.00218	1.859	.00373	.331
%RSD	22.983	3.0212	.55440	.35018	4.7034	2.3852	.43182	2.7029

#1	-.00102	10.590	.03498	.03336	.04792	76.619	.86193	12.003
#2	-.00142	11.053	.03526	.03352	.04484	79.248	.86720	12.471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03266	.00091	2.1104	.10354	.14415	2.0660	.00029	.08392
Stddev	.00069	.00027	.0545	.00025	.00177	.0443	.00013	.00603
%RSD	2.1051	30.066	2.5835	.23948	1.2251	2.1462	44.582	7.1858

#1	.03315	.00072	2.0719	.10337	.14291	2.0347	.00038	.07966
#2	.03218	.00111	2.1490	.10372	.14540	2.0974	.00020	.08818

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78520	.82241	.00304	1.2463	.02336	1.371	-.05317	<.00000
Stddev	.00098	.00331	.00062	.0349	.00040	.001	.00103	.20790
%RSD	.12533	.40195	20.391	2.8005	1.7309	.0440	1.9407	11.333

#1	.78590	.82007	.00260	1.2216	.02365	1.370	-.05244	-1.9815
#2	.78450	.82475	.00348	1.2709	.02308	1.371	-.05390	-1.6875

Sample Name: J5766-01LX5 Acquired: 11/12/2018 17:20:14 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8837
 Stddev .1135
 %RSD 6.0230

#1 1.8035
 #2 1.9639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4282.7	79112.	6087.1	153.19	4175.1
Stddev	6.6	285.	120.4	1.95	11.1
%RSD	.15402	.36048	1.9784	1.2742	.26670

#1	4278.0	79314.	6172.3	154.57	4167.2
#2	4287.3	78911.	6002.0	151.81	4183.0

Sample Name: J5766-01MS Acquired: 11/12/2018 17:24:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50615	2.0246	.74430	1.2780	.08404	203.82	.77376
Stddev	.00013	.0017	.00467	.0003	.00347	.17	.00024
%RSD	.02574	.08502	.62711	.02375	4.1263	.08182	.03164

#1	.50606	2.0258	.74760	1.2782	.08159	203.70	.77394
#2	.50624	2.0234	.74100	1.2778	.08649	203.93	.77359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14023	.20803	43.283	.36424	.39173	.23882	406.10
Stddev	.00033	.00125	.057	.00007	.00146	.00450	4.39
%RSD	.23314	.60241	.13187	.02015	.37290	1.8824	1.0801

#1	.14000	.20892	43.243	.36429	.39276	.24200	403.00
#2	.14046	.20715	43.323	.36419	.39070	.23564	409.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1930	46.463	.72416	.06522	9.8684	.55588	.92034
Stddev	.0005	.188	.00015	.00060	.0155	.00119	.00697
%RSD	.01460	.40530	.02063	.92537	.15657	.21393	.75786

#1	3.1926	46.329	.72427	.06480	9.8575	.55504	.91541
#2	3.1933	46.596	.72406	.06565	9.8794	.55672	.92527

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.548	.23503	.74396	5.1517	2.8393	.70906	4.5876
Stddev	.018	.00040	.00857	.0075	.0170	.00159	.0118
%RSD	.13192	.16862	1.1517	.14474	.60045	.22489	.25823

#1	13.561	.23531	.73790	5.1570	2.8272	.71019	4.5959
#2	13.536	.23475	.75002	5.1465	2.8514	.70793	4.5792

Sample Name: J5766-01MS Acquired: 11/12/2018 17:24:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22906	F 13.54	-.20492	<.00000	F<.00000
Stddev	.00019	.01	.00504	.17806	.29943
%RSD	.08423	.1023	2.4575	1.0785	.27829

#1	.22919	13.54	-.20135	-16.383	-107.81
#2	.22892	13.53	-.20848	-16.635	-107.38

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5617.2	104230.	8247.8	142.69	3666.1
Stddev	14.7	331.	25.4	1.02	7.2
%RSD	.26194	.31714	.30838	.71455	.19633

#1	5606.8	104000.	8229.8	143.42	3661.1
#2	5627.6	104460.	8265.8	141.97	3671.2

Sample Name: J5766-01MSD Acquired: 11/12/2018 17:28:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50520	2.0215	.74402	1.2728	.08325	203.62	.77113
Stddev	.00214	.0152	.00278	.0052	.00007	.17	.00536
%RSD	.42396	.75329	.37354	.40567	.08824	.08154	.69482

#1	.50368	2.0322	.74598	1.2765	.08320	203.50	.77492
#2	.50671	2.0107	.74205	1.2692	.08331	203.74	.76734

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13944	.20680	42.879	.36438	.38858	.23741	403.14
Stddev	.00041	.00036	.171	.00375	.00124	.00400	6.32
%RSD	.29135	.17267	.39973	1.0296	.32017	1.6839	1.5674

#1	.13916	.20705	43.000	.36173	.38946	.23459	407.61
#2	.13973	.20655	42.757	.36703	.38770	.24024	398.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2042	46.209	.71752	.06440	9.8269	.55231	.91344
Stddev	.0136	.211	.00019	.00057	.0693	.00090	.01740
%RSD	.42366	.45592	.02583	.89052	.70502	.16242	1.9048

#1	3.2138	46.358	.71739	.06480	9.8759	.55295	.92574
#2	3.1946	46.060	.71765	.06399	9.7779	.55168	.90113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.441	.23287	.73869	5.0796	2.8069	.70625	4.5482
Stddev	.097	.00117	.00416	.0082	.0001	.00230	.0230
%RSD	.71988	.50168	.56271	.16207	.00485	.32504	.50615

#1	13.509	.23369	.74163	5.0854	2.8070	.70787	4.5644
#2	13.373	.23204	.73575	5.0738	2.8068	.70463	4.5319

Sample Name: J5766-01MSD Acquired: 11/12/2018 17:28:09 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22830	F 13.47	-.20307	<.00000	F<.00000
Stddev	.00008	.04	.00575	.04176	1.5086
%RSD	.03495	.2894	2.8335	.25281	1.4312

#1	.22825	13.50	-.20714	-16.549	-104.34
#2	.22836	13.45	-.19900	-16.490	-106.48

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5663.2	104480.	8310.5	143.57	3695.8
Stddev	9.4	194.	60.1	2.68	8.4
%RSD	.16620	.18540	.72280	1.8674	.22837

#1	5656.5	104340.	8268.1	141.68	3689.8
#2	5669.8	104620.	8353.0	145.47	3701.7

Sample Name: PB114720TB Acquired: 11/12/2018 17:32:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00462	.00019	-.00118	-.00111	.00687	-.00207	-.00001
Stddev	.00043	.00079	.00038	.00195	.00050	.00235	.00065	.00000
%RSD	20.231	17.048	202.09	165.23	45.268	34.244	31.409	45.181

#1	-.00181	-.00406	-.00008	.00020	-.00076	.00521	-.00253	-.00001
#2	-.00242	-.00518	.00046	-.00256	-.00147	.00854	-.00161	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00180	.00017	.00009	-.00021	.02575	.00021	-.00087
Stddev	.00000	.01269	.00036	.00020	.00029	.00060	.00002	.04686
%RSD	7.5051	704.35	207.33	225.16	141.60	2.3309	10.766	5391.3

#1	-.00007	-.01078	-.00008	.00023	-.00042	.02618	.00023	.03226
#2	-.00006	.00717	.00043	-.00005	.00000	.02533	.00019	-.03400

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00189	F 289.00	-.00068	.00311	.35146	.00031	.00208
Stddev	.00052	.00079	.67	.00011	.00004	.04280	.00030	.00253
%RSD	170.79	41.759	.23166	16.150	1.3130	12.178	97.131	121.87

#1	.00068	.00245	289.47	-.00076	.00308	.32119	.00010	.00029
#2	-.00006	.00133	288.53	-.00060	.00314	.38172	.00052	.00387

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00527	.01114	-.00020	.00021	-.00332	-.0070	.00002	F 2.8713
Stddev	.00356	.00270	.00035	.00026	.00042	.0005	.00005	.1180
%RSD	67.546	24.213	173.55	121.07	12.791	7.511	241.10	4.1108

#1	.00779	.01305	.00005	.00003	-.00362	-.0067	.00006	2.9548
#2	.00276	.00923	-.00045	.00040	-.00302	-.0074	-.00002	2.7879

Sample Name: PB114720TB Acquired: 11/12/2018 17:32:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2356
Stddev .1385
%RSD 11.207

#1 1.3336
#2 1.1377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.9	68413.	5316.8	148.70	3898.9
Stddev	20.4	245.	41.4	1.51	9.5
%RSD	.55237	.35828	.77808	1.0184	.24324

#1	3682.5	68240.	5287.5	147.63	3892.1
#2	3711.3	68586.	5346.0	149.78	3905.6

Sample Name: PB114715BL Acquired: 11/12/2018 17:36:15 Type: Unk
Method: P4-ICP2(v2564) 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	-.00083	-.00143	.00243	.00028	-.00184	.00077	-.00118
Stddev	.00213	.00092	.00026	.00289	.00090	.00064	.00003
%RSD	257.03	64.386	10.741	1045.6	49.041	83.927	2.3457

#1	-.00234	-.00208	.00224	-.00177	-.00121	.00031	-.00116
#2	.00068	-.00078	.00261	.00232	-.00248	.00122	-.00120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	.00510	-.00034	.00007	-.00039	.01573
Stddev	.00005	.00003	.01182	.00009	.00017	.00027	.00406
%RSD	244.79	107.21	231.77	27.082	244.97	70.212	25.808

#1	-.00001	-.00005	-.00326	-.00027	.00019	-.00019	.01286
#2	.00005	-.00001	.01346	-.00040	-.00005	-.00058	.01860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.03571	-.00127	.00075	.09774	-.00079	.00007
Stddev	.00001	.00388	.00016	.00014	.02541	.00029	.00004
%RSD	4.6579	10.869	12.258	19.149	25.999	36.912	51.455

#1	.00014	-.03846	-.00138	.00085	.11571	-.00059	.00010
#2	.00015	-.03297	-.00116	.00065	.07977	-.00100	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21988	-.00023	-.00257	-.00965	-.00059	-.00075	-.00046
Stddev	.02926	.00023	.00015	.00472	.00183	.00019	.00144
%RSD	13.308	99.516	5.9645	48.931	307.43	24.857	314.52

#1	.24057	-.00039	-.00247	-.00631	-.00188	-.00088	-.00148
#2	.19918	-.00007	-.00268	-.01298	.00070	-.00062	.00056

Sample Name: PB114715BL Acquired: 11/12/2018 17:36:15 Type: Unk
Method: P4-ICP2(v2564) 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	-.00351	-.0063	.00003	F .76806	F<.00000
Stddev	.00048	.0007	.00010	.15486	.02711
%RSD	13.731	11.58	343.45	20.162	7.9857

#1	-.00317	-.0068	-.00004	.65856	-.35868
#2	-.00385	-.0058	.00010	.87756	-.32034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4029.3	73999.	5492.2	159.32	4593.8
Stddev	6.2	7.	40.7	.29	9.2
%RSD	.15474	.00967	.74106	.18493	.20101

#1	4024.9	74004.	5521.0	159.53	4587.3
#2	4033.7	73994.	5463.4	159.11	4600.4

Sample Name: PB114719TB Acquired: 11/12/2018 17:40:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00230	-.00357	-.00130	.00184	-.00122	.00855	-.00206	-.00010
Stddev	.00148	.00056	.00043	.00135	.00079	.00221	.00049	.00000
%RSD	64.394	15.610	33.194	73.421	65.039	25.801	23.632	2.4363
#1	-.00335	-.00396	-.00100	.00280	-.00178	.01011	-.00240	-.00010
#2	-.00125	-.00318	-.00161	.00089	-.00066	.00699	-.00171	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01292	.00054	-.00024	-.00048	.01338	.00029	-.00626
Stddev	.00002	.01588	.00017	.00019	.00000	.00234	.00005	.00691
%RSD	153.56	122.92	32.090	77.230	.33582	17.517	16.859	110.54
#1	-.00000	.00169	.00042	-.00037	-.00048	.01504	.00033	-.01115
#2	.00003	.02415	.00066	-.00011	-.00048	.01172	.00026	-.00137
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00203	F 296.04	-.00017	.00984	.23341	-.00003	.00180
Stddev	.00056	.00088	.88	.00000	.00011	.04461	.00002	.01403
%RSD	140.39	43.282	.29598	2.8198	1.1045	19.114	87.050	781.13
#1	.00000	.00141	296.66	-.00017	.00977	.20187	-.00004	-.00812
#2	.00079	.00265	295.42	-.00017	.00992	.26496	-.00001	.01171
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.01156	.00053	.00179	-.00303	-.0065	.00002	F 2.8472
Stddev	.00209	.00114	.00003	.00011	.00019	.0003	.00002	.4085
%RSD	419.69	9.8924	5.0779	6.1599	6.2889	3.929	139.21	14.348
#1	-.00098	.01237	.00051	.00187	-.00289	-.0063	.00003	2.5583
#2	.00198	.01075	.00055	.00171	-.00316	-.0067	.00000	3.1360

Sample Name: PB114719TB Acquired: 11/12/2018 17:40:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.6452
Stddev .2598
%RSD 15.790

#1 1.4615
#2 1.8288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.7	68556.	5336.2	149.26	3904.7
Stddev	3.5	13.	.9	.20	3.3
%RSD	.09524	.01918	.01608	.13423	.08525

#1	3726.2	68547.	5335.6	149.12	3907.1
#2	3721.2	68565.	5336.8	149.40	3902.4

Sample Name: PB114705BL Acquired: 11/12/2018 17:44:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00168	.00155	-.00029	-.00220	.01272	-.00183	.00000
Stddev	.00128	.00023	.00045	.00186	.00009	.00561	.00037	.00002
%RSD	167.63	13.915	29.320	642.85	4.0888	44.084	19.989	1523.0
#1	.00014	-.00152	.00123	.00103	-.00226	.01668	-.00209	-.00001
#2	-.00166	-.00185	.00187	-.00161	-.00213	.00875	-.00157	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00707	-.00015	.00004	-.00029	.00493	.00014	-.01746
Stddev	.00001	.00629	.00030	.00008	.00027	.00395	.00001	.02203
%RSD	53.669	89.036	208.33	183.71	93.781	80.261	10.073	126.16
#1	-.00002	-.01152	-.00036	.00010	-.00049	.00772	.00013	-.00188
#2	-.00003	-.00262	.00007	-.00001	-.00010	.00213	.00015	-.03304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	.00005	.14421	-.00079	-.00003	.21287	-.00018	-.00297
Stddev	.00007	.00000	.01436	.00012	.00001	.00314	.00007	.00439
%RSD	6.8754	5.4194	9.9550	15.654	41.501	1.4758	37.929	147.90
#1	-.00099	.00006	.15436	-.00070	-.00002	.21065	-.00013	-.00607
#2	-.00109	.00005	.13406	-.00088	-.00003	.21509	-.00023	.00014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00805	.00122	-.00029	.00054	-.00363	-.0057	.00005	F .02598
Stddev	.00020	.00261	.00009	.00057	.00060	.0014	.00003	.26004
%RSD	2.5302	214.37	30.624	105.70	16.493	24.94	63.277	1000.9
#1	-.00791	-.00063	-.00022	.00095	-.00320	-.0067	.00003	.20986
#2	-.00820	.00306	-.00035	.00014	-.00405	-.0047	.00007	-.15790

Sample Name: PB114705BL Acquired: 11/12/2018 17:44:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .41143
Stddev .56796
%RSD 138.05

#1 .81303
#2 .00982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4056.9	74190.	5539.4	158.55	4606.3
Stddev	21.6	232.	22.4	1.08	13.8
%RSD	.53357	.31204	.40494	.68014	.30053

#1	4041.6	74026.	5523.6	157.78	4596.5
#2	4072.2	74354.	5555.3	159.31	4616.1

Sample Name: PB114719BL Acquired: 11/12/2018 17:48:31 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00086	-.00034	.00047	.00040	-.00316	F .04355	-.00101
Stddev	.00057	.00101	.00011	.00036	.00138	.00016	.00046
%RSD	66.258	293.40	23.956	90.256	43.520	.37268	45.318

#1	-.00046	-.00105	.00039	.00014	-.00219	.04366	-.00133
#2	-.00127	.00037	.00055	.00066	-.00413	.04343	-.00069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00007	.00034	-.00057	-.00007	.00022	.01595
Stddev	.00000	.00003	.01282	.00007	.00003	.00052	.01301
%RSD	4.8888	41.538	3798.0	11.648	49.180	235.89	81.574

#1	.00002	-.00009	.00941	-.00062	-.00009	.00059	.02515
#2	.00002	-.00005	-.00873	-.00053	-.00004	-.00015	.00675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.00973	-.00142	-.00019	.06209	-.00057	.00014
Stddev	.00001	.01909	.00011	.00033	.01681	.00063	.00005
%RSD	6.0316	196.23	7.5375	176.01	27.067	109.71	37.243

#1	.00017	.00377	-.00150	.00005	.07398	-.00101	.00018
#2	.00016	-.02322	-.00135	-.00042	.05021	-.00013	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16749	-.00048	-.00474	F -.01007	.00050	-.00097	.00069
Stddev	.01270	.00024	.00330	.00134	.00086	.00070	.00037
%RSD	7.5819	49.500	69.584	13.256	170.00	72.406	53.119

#1	.17647	-.00031	-.00241	-.01102	-.00010	-.00047	.00043
#2	.15851	-.00065	-.00707	-.00913	.00111	-.00147	.00095

Sample Name: PB114719BL Acquired: 11/12/2018 17:48:31 Type: Unk
 Method: P4-ICP2(v2564) 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	-.00535	-.0058	.00004	F .44707	F .16569
Stddev	.00145	.0007	.00005	.10305	.16122
%RSD	27.191	12.80	119.96	23.050	97.300

#1	-.00638	-.0063	.00001	.37420	.27969
#2	-.00432	-.0053	.00008	.51994	.05169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4014.2	73285.	5416.6	154.51	4563.1
Stddev	5.0	202.	14.6	1.03	.2
%RSD	.12348	.27569	.27023	.66739	.00404

#1	4010.7	73428.	5426.9	153.78	4563.0
#2	4017.7	73142.	5406.2	155.24	4563.2

Sample Name: CCV04 Acquired: 11/12/2018 17:52:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14175 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9757	5.2329	5.3454	4.8835	4.9563	9.5442	9.5780	.24095
Stddev	.0023	.0043	.0017	.0302	.0119	.0026	.0081	.00066
%RSD	.04557	.08211	.03097	.61947	.23973	.02757	.08483	.27555
#1	4.9741	5.2299	5.3443	4.8621	4.9479	9.5424	9.5723	.24142
#2	4.9773	5.2360	5.3466	4.9049	4.9647	9.5461	9.5838	.24048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6357	24.236	.96660	2.6528	1.2527	5.4807	2.4296	23.957
Stddev	.0043	.097	.00060	.0013	.0009	.0049	.0006	.091
%RSD	.16432	.39905	.06240	.04756	.07122	.08962	.02636	.38157
#1	2.6326	24.305	.96617	2.6537	1.2521	5.4772	2.4301	23.893
#2	2.6387	24.168	.96702	2.6519	1.2533	5.4842	2.4292	24.022
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6744	1.2195	23.183	2.4139	2.7017	24.337	4.9887	4.7323
Stddev	.0039	.0014	.015	.0042	.0085	.076	.0070	.0087
%RSD	.14553	.11820	.06586	.17208	.31424	.31194	.14119	.18324
#1	2.6716	1.2185	23.172	2.4169	2.7077	24.283	4.9838	4.7261
#2	2.6771	1.2205	23.194	2.4110	2.6957	24.391	4.9937	4.7384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2479	4.8181	5.3136	4.9347	4.7879	5.176	4.8508	F 2.4369
Stddev	.0131	.0249	.0060	.0078	.0063	.025	.0078	.0120
%RSD	.24903	.51745	.11277	.15865	.13052	.4812	.16171	.49367
#1	5.2387	4.8357	5.3094	4.9292	4.7923	5.158	4.8563	2.4454
#2	5.2572	4.8004	5.3178	4.9403	4.7835	5.193	4.8452	2.4284

Sample Name: CCV04 Acquired: 11/12/2018 17:52:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14175 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4197
Stddev	.0381
%RSD	1.5727

#1	2.3928
#2	2.4466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3873.8	70967.	5495.1	146.19	4019.3
Stddev	6.3	26.	31.7	.39	5.3
%RSD	.16238	.03720	.57777	.26581	.13187

#1	3878.2	70985.	5472.7	145.92	4023.0
#2	3869.3	70948.	5517.6	146.47	4015.5

Sample Name: CCB04 Acquired: 11/12/2018 17:56:26 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14175 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00172	.00267	.00084	-.00230	.01031	-.00106
Stddev	.00307	.00018	.00067	.00291	.00079	.00566	.00004
%RSD	256.80	10.582	25.254	347.49	34.466	54.900	3.6325

#1	.00337	-.00160	.00315	-.00122	-.00286	.01431	-.00103
#2	-.00098	-.00185	.00219	.00290	-.00174	.00631	-.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00005	-.01067	.00013	.00015	-.00032	.01248
Stddev	.00002	.00005	.00857	.00004	.00050	.00033	.00275
%RSD	142.65	89.641	80.380	29.544	332.03	102.38	22.003

#1	.00000	.00008	-.01673	.00016	.00050	-.00009	.01442
#2	-.00002	.00002	-.00460	.00011	-.00020	-.00056	.01054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00738	-.00116	.00059	.03891	-.00078	.00020
Stddev	.00000	.01811	.00010	.00026	.00788	.00025	.00003
%RSD	1.8988	245.47	8.7254	44.320	20.253	31.797	12.734

#1	.00021	-.00543	-.00109	.00040	.03334	-.00095	.00021
#2	.00020	.02018	-.00123	.00077	.04448	-.00060	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14709	-.00008	-.00119	-.00931	.00092	.00006	.00049
Stddev	.00685	.00004	.00466	.00109	.00080	.00044	.00030
%RSD	4.6567	57.746	392.69	11.754	87.317	736.97	59.726

#1	.14225	-.00005	.00211	-.00854	.00035	.00037	.00070
#2	.15193	-.00011	-.00448	-.01008	.00148	-.00025	.00029

Sample Name: CCB04 Acquired: 11/12/2018 17:56:26 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14175 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.0064	.00001	F .06626	F<.00000
Stddev	.00022	.0004	.00002	.47757	.55007
%RSD	5.8039	6.071	231.45	720.77	2041.7

#1	-.00367	-.0067	-.00001	.40396	.36202
#2	-.00398	-.0061	.00003	-.27144	-.41590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4058.8	73518.	5509.3	157.68	4598.7
Stddev	7.1	409.	42.6	1.26	11.8
%RSD	.17593	.55594	.77399	.79599	.25608

#1	4053.7	73229.	5539.5	158.57	4590.4
#2	4063.8	73807.	5479.2	156.79	4607.0

Sample Name: J5766-01A Acquired: 11/12/2018 18:04:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7684 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50154	2.0286	1.0847	1.2776	.08280	203.98	.76873
Stddev	.00248	.0020	.0034	.0028	.00202	1.15	.00433
%RSD	.49389	.09994	.31762	.21874	2.4432	.56282	.56300

#1	.49979	2.0300	1.0871	1.2796	.08137	203.17	.77180
#2	.50329	2.0271	1.0822	1.2756	.08423	204.79	.76567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14045	.20559	43.358	.36793	.38699	.23193	409.84
Stddev	.00008	.00041	.034	.00052	.00077	.00288	4.56
%RSD	.05792	.19704	.07756	.14056	.19936	1.2411	1.1132

#1	.14051	.20531	43.382	.36830	.38754	.22989	413.07
#2	.14039	.20588	43.335	.36757	.38644	.23396	406.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2282	46.231	.71337	.06429	9.8922	.55421	.92509
Stddev	.0052	.276	.00049	.00016	.0465	.00217	.02003
%RSD	.16214	.59759	.06885	.25055	.46977	.39101	2.1648

#1	3.2319	46.426	.71371	.06440	9.9250	.55574	.93925
#2	3.2245	46.035	.71302	.06417	9.8593	.55268	.91093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.483	.23081	.75842	5.0417	2.7483	.70267	4.5591
Stddev	.041	.00033	.00512	.0072	.0528	.00302	.0042
%RSD	.30419	.14207	.67573	.14368	1.9223	.42945	.09230

#1	13.512	.23104	.76205	5.0365	2.7857	.70480	4.5621
#2	13.454	.23057	.75480	5.0468	2.7110	.70053	4.5561

Sample Name: J5766-01A Acquired: 11/12/2018 18:04:36 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7684 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22835	F 13.56	-.20888	<.00000	F<.00000
Stddev	.00019	.03	.00482	.07745	.23856
%RSD	.08411	.2540	2.3086	.47303	.23417

#1	.22849	13.59	-.21229	-16.429	-102.04
#2	.22822	13.54	-.20547	-16.319	-101.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5726.3	104070.	8266.1	142.00	3718.7
Stddev	.3	277.	83.2	3.05	3.6
%RSD	.00602	.26580	1.0065	2.1460	.09630

#1	5726.6	103880.	8207.3	139.85	3716.2
#2	5726.1	104270.	8325.0	144.16	3721.2

Sample Name: J5887-03 Acquired: 11/12/2018 18:08:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	-.00744	.12625	.03241	-.00077	131.94	.39716
Stddev	.00048	.00033	.00011	.00150	.00164	.12	.00099
%RSD	4.5622	4.4807	.08407	4.6285	214.55	.08885	.24896

#1	.01010	-.00720	.12617	.03348	.00040	131.86	.39786
#2	.01078	-.00768	.12632	.03135	-.00193	132.03	.39646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	-.00244	95.224	.14874	.09850	.20649	198.27
Stddev	.00006	.00020	.263	.00046	.00016	.00014	.26
%RSD	.94845	8.2447	.27651	.30737	.16030	.06885	.13319

#1	.00651	-.00230	95.037	.14842	.09839	.20659	198.08
#2	.00660	-.00258	95.410	.14907	.09861	.20639	198.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2207	43.366	.21294	.00222	7.3248	.19900	.49459
Stddev	.0006	.046	.00105	.00002	.0050	.00045	.00106
%RSD	.02511	.10721	.49492	.69917	.06754	.22600	.21339

#1	2.2210	43.399	.21219	.00221	7.3213	.19931	.49534
#2	2.2203	43.333	.21368	.00223	7.3282	.19868	.49384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.008	.00153	.17952	2.2740	8.4941	.01475	1.6672
Stddev	.017	.00005	.00838	.0064	.0447	.00114	.0157
%RSD	.12112	3.4546	4.6701	.28058	.52582	7.7412	.93980

#1	14.020	.00157	.17360	2.2695	8.4625	.01556	1.6561
#2	13.996	.00149	.18545	2.2785	8.5256	.01394	1.6783

Sample Name: J5887-03 Acquired: 11/12/2018 18:08:32 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20673	7.606	.30509	<.00000	F<.00000
Stddev	.00018	.027	.00016	.12528	.64614
%RSD	.08698	.3562	.05267	5.0091	2.5281

#1	.20686	7.587	.30520	-2.4124	-25.102
#2	.20660	7.625	.30497	-2.5896	-26.015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4263.1	77731.	6177.5	148.52	3884.1
Stddev	2.7	89.	.0	.55	4.2
%RSD	.06392	.11419	.00024	.37205	.10717

#1	4261.1	77668.	6177.5	148.13	3881.2
#2	4265.0	77793.	6177.5	148.91	3887.1

Sample Name: J5887-07 Acquired: 11/12/2018 18:12:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01196	-.00685	.08771	.03291	-.00297	67.316	.54162
Stddev	.00157	.00057	.00058	.00070	.00099	.666	.00064
%RSD	13.096	8.3616	.65992	2.1320	33.397	.98957	.11845

#1	.01085	-.00645	.08730	.03341	-.00367	66.845	.54117
#2	.01307	-.00726	.08812	.03242	-.00227	67.787	.54207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00665	-.00248	35.869	.12010	.09265	.19131	175.99
Stddev	.00004	.00011	.045	.00053	.00017	.00031	.40
%RSD	.64792	4.4705	.12597	.44450	.18566	.16255	.22445

#1	.00668	-.00256	35.900	.11972	.09253	.19153	175.71
#2	.00662	-.00240	35.837	.12048	.09277	.19109	176.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2675	23.717	.18349	.00524	4.2708	.12497	.41125
Stddev	.0040	.136	.00010	.00008	.0204	.00005	.00174
%RSD	.17402	.57545	.05406	1.5572	.47668	.04012	.42256

#1	2.2647	23.620	.18342	.00518	4.2564	.12501	.41248
#2	2.2703	23.813	.18356	.00530	4.2852	.12494	.41002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1867	.00670	.17587	.64307	5.6480	.01221	1.1261
Stddev	.0216	.00023	.00268	.00340	.0327	.00148	.0076
%RSD	.23552	3.4785	1.5241	.52798	.57887	12.100	.67006

#1	9.2020	.00653	.17777	.64547	5.6711	.01326	1.1314
#2	9.1714	.00686	.17398	.64067	5.6249	.01117	1.1208

Sample Name: J5887-07 Acquired: 11/12/2018 18:12:28 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11408	4.629	-.10324	<.00000	F<.00000
Stddev	.00016	.009	.00042	.51368	.34333
%RSD	.13937	.2040	.40228	4.4309	1.8299

#1	.11419	4.622	-.10295	-11.956	-18.520
#2	.11397	4.635	-.10354	-11.230	-19.005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5405.0	98785.	7649.4	153.67	4059.5
Stddev	6.9	318.	45.0	.66	3.3
%RSD	.12756	.32175	.58855	.42972	.08058

#1	5409.8	99010.	7617.5	153.20	4061.8
#2	5400.1	98560.	7681.2	154.13	4057.2

Sample Name: J5887-11 Acquired: 11/12/2018 18:16:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02890	-.00898	.57947	.03201	.00074	153.79	.64036
Stddev	.00273	.00095	.00224	.00030	.00104	.41	.00375
%RSD	9.4463	10.604	.38711	.93816	139.96	.26608	.58631

#1	.02697	-.00831	.58105	.03179	.00001	153.50	.64302
#2	.03083	-.00966	.57788	.03222	.00148	154.08	.63771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00760	-.00187	73.025	.16534	.08933	.22889	200.05
Stddev	.00006	.00010	.174	.00087	.00014	.00055	.13
%RSD	.82529	5.2287	.23863	.52566	.15439	.24165	.06657

#1	.00764	-.00180	73.148	.16595	.08942	.22850	199.95
#2	.00755	-.00194	72.902	.16472	.08923	.22928	200.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2386	39.154	.32304	.00259	6.9704	.22682	.64780
Stddev	.0003	.057	.00126	.00073	.0543	.00080	.00273
%RSD	.01361	.14632	.38942	28.132	.77828	.35474	.42186

#1	2.2383	39.195	.32215	.00208	7.0088	.22625	.64973
#2	2.2388	39.114	.32393	.00311	6.9320	.22739	.64587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.487	.00163	.16210	3.3725	9.1862	.03676	1.3275
Stddev	.008	.00021	.00374	.0042	.1410	.00084	.0083
%RSD	.07181	13.071	2.3099	.12578	1.5346	2.2855	.62683

#1	10.492	.00148	.15945	3.3695	9.2859	.03735	1.3334
#2	10.482	.00178	.16475	3.3755	9.0865	.03617	1.3216

Sample Name: J5887-11 Acquired: 11/12/2018 18:16:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19046	8.527	.22917	<.00000	F<.00000
Stddev	.00024	.010	.00168	.10836	.09008
%RSD	.12369	.1140	.73396	2.5316	.35009

#1	.19030	8.520	.23035	-4.2035	-25.666
#2	.19063	8.533	.22798	-4.3568	-25.794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.5	79041.	6257.3	149.95	3913.3
Stddev	1.7	38.	37.6	.49	9.9
%RSD	.03898	.04754	.60109	.32654	.25260

#1	4331.3	79067.	6230.7	149.60	3906.3
#2	4333.7	79014.	6283.9	150.29	3920.3

Sample Name: J5887-15 Acquired: 11/12/2018 18:20:15 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01067	-.02719	.02166	.07503	.00119	172.05	.50357
Stddev	.00032	.00065	.00262	.00087	.00205	.55	.00233
%RSD	3.0375	2.4007	12.118	1.1610	172.06	.31910	.46316

#1	-.01090	-.02673	.02351	.07441	.00264	172.43	.50192
#2	-.01044	-.02765	.01980	.07564	-.00026	171.66	.50522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00582	-.00341	113.77	.48706	.30362	.52434	432.89
Stddev	.00000	.00069	.19	.00051	.00101	.00276	4.43
%RSD	.05213	20.290	.16591	.10519	.33344	.52546	1.0223

#1	.00582	-.00292	113.63	.48669	.30434	.52628	429.76
#2	.00583	-.00390	113.90	.48742	.30291	.52239	436.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3680	98.755	.46261	.01456	12.611	.77969	.57540
Stddev	.0216	.092	.00230	.00033	.009	.00093	.00396
%RSD	.33912	.09357	.49652	2.2979	.07537	.11920	.68824

#1	6.3527	98.689	.46423	.01433	12.604	.77903	.57260
#2	6.3833	98.820	.46098	.01480	12.618	.78035	.57821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7802	-.00051	.83392	7.9591	2.7722	.01141	F 13.319
Stddev	.0089	.00016	.00262	.0047	.0231	.00117	.013
%RSD	.18650	31.475	.31472	.05951	.83190	10.289	.09703

#1	4.7865	-.00063	.83207	7.9624	2.7885	.01058	13.310
#2	4.7739	-.00040	.83578	7.9557	2.7559	.01224	13.329

Sample Name: J5887-15 Acquired: 11/12/2018 18:20:15 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11880	4.517	-.05679	<.00000	F<.00000
Stddev	.00078	.005	.00309	.11008	.88515
%RSD	.66079	.1209	5.4371	1.4370	.80332

#1	.11935	4.513	-.05461	-7.5827	-110.81
#2	.11824	4.521	-.05897	-7.7383	-109.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.6	80629.	6357.0	142.83	3661.7
Stddev	1.6	218.	13.0	1.38	1.2
%RSD	.03741	.27073	.20518	.96399	.03142

#1	4376.4	80474.	6366.3	143.80	3662.6
#2	4378.8	80783.	6347.8	141.85	3660.9

Sample Name: J5892-01 Acquired: 11/12/2018 18:24:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PN-STONE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	-.00709	.01647	.02199	-.00096	96.666	.09974
Stddev	.00064	.00031	.00147	.00300	.00201	.214	.00123
%RSD	125.62	4.3223	8.9489	13.621	209.63	.22170	1.2327

#1	.00006	-.00687	.01751	.02411	-.00238	96.515	.10061
#2	.00096	-.00731	.01542	.01988	.00046	96.818	.09887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	-.00194	65.327	.29096	.10077	1.2403	122.88
Stddev	.00000	.00004	.120	.00032	.00083	.0008	.23
%RSD	.45002	1.9168	.18298	.11079	.82065	.06192	.19047

#1	.00078	-.00197	65.242	.29119	.10018	1.2408	123.04
#2	.00078	-.00192	65.411	.29073	.10135	1.2397	122.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90630	58.661	.24319	.00113	9.8523	.30330	.26435
Stddev	.00382	.232	.00101	.00010	.0392	.00171	.00040
%RSD	.42161	.39621	.41644	8.4615	.39824	.56458	.15152

#1	.90360	58.826	.24248	.00106	9.8801	.30209	.26463
#2	.90900	58.497	.24391	.00120	9.8246	.30451	.26407

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8558	-.00010	.09127	2.1378	1.3222	.00382	2.4814
Stddev	.0731	.00028	.00132	.0053	.0074	.00053	.0171
%RSD	1.0658	277.04	1.4481	.24612	.55927	13.987	.69020

#1	6.9074	-.00030	.09033	2.1341	1.3274	.00344	2.4935
#2	6.8041	.00010	.09220	2.1415	1.3169	.00420	2.4693

Sample Name: J5892-01 Acquired: 11/12/2018 18:24:16 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PN-STONE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05447	8.399	.05061	<.00000	F<.00000
Stddev	.00124	.001	.00005	.12230	.77073
%RSD	2.2829	.0079	.08953	15.056	25.293

#1	.05359	8.399	.05057	-.89875	-3.5921
#2	.05535	8.398	.05064	-.72579	-2.5022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.6	73411.	5691.7	150.23	4015.5
Stddev	17.9	272.	9.4	.67	10.9
%RSD	.44134	.37026	.16594	.44427	.27132

#1	4038.0	73603.	5685.1	149.76	4007.8
#2	4063.2	73219.	5698.4	150.70	4023.2

Sample Name: J5895-01 Acquired: 11/12/2018 18:28:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04216	-.01015	.06124	.05448	-.00188	109.46	.50148
Stddev	.00328	.00161	.00166	.00447	.00186	.30	.00083
%RSD	7.7682	15.903	2.7053	8.2093	98.654	.27695	.16634

#1	.04448	-.00901	.06007	.05764	-.00320	109.24	.50089
#2	.03984	-.01130	.06241	.05132	-.00057	109.67	.50207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00587	-.00198	519.45	.14021	.14174	.12298	310.62
Stddev	.00000	.00044	2.37	.00129	.00000	.00254	5.04
%RSD	.01718	22.273	.45574	.91701	.00221	2.0639	1.6240

#1	.00587	-.00229	517.78	.13930	.14174	.12119	314.19
#2	.00586	-.00167	521.13	.14112	.14174	.12478	307.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2585	208.78	.34295	.00722	1.5228	.21556	.69955
Stddev	.0186	.50	.00101	.00022	.0146	.00206	.01596
%RSD	.25634	.23990	.29376	3.0700	.96112	.95759	2.2811

#1	7.2717	208.43	.34224	.00738	1.5125	.21410	.71083
#2	7.2454	209.13	.34367	.00706	1.5332	.21702	.68826

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.520	.00053	.27737	1.0475	5.4613	.01005	1.1841
Stddev	.028	.00003	.00705	.0020	.0137	.00195	.0080
%RSD	.22368	5.0109	2.5433	.19113	.25053	19.396	.67728

#1	12.500	.00055	.28236	1.0461	5.4710	.01143	1.1784
#2	12.540	.00051	.27238	1.0489	5.4517	.00867	1.1898

Sample Name: J5895-01 Acquired: 11/12/2018 18:28:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18785	F 12.91	.32890	<.00000	F<.00000
Stddev	.00015	.09	.00827	.70932	.53066
%RSD	.08229	.6677	2.5142	10.123	1.0924

#1	.18774	12.85	.32305	-6.5055	-48.952
#2	.18796	12.97	.33474	-7.5087	-48.202

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4402.1	81630.	6548.4	133.14	3392.9
Stddev	2.5	360.	19.6	3.08	7.6
%RSD	.05718	.44077	.29870	2.3123	.22340

#1	4400.3	81376.	6534.6	130.96	3398.3
#2	4403.8	81885.	6562.3	135.32	3387.6

Sample Name: J5895-03 Acquired: 11/12/2018 18:32:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04316	-.01125	.08436	.05890	-.00183	127.78	.55275
Stddev	.00039	.00116	.00112	.00035	.00255	.05	.00429
%RSD	.90047	10.281	1.3240	.59174	139.81	.03738	.77697

#1	.04343	-.01043	.08515	.05865	-.00002	127.75	.55579
#2	.04288	-.01206	.08358	.05914	-.00363	127.82	.54971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	-.00184	385.35	.16496	.14435	.16607	331.59
Stddev	.00002	.00019	1.11	.00147	.00034	.00096	.89
%RSD	.28899	10.331	.28736	.89050	.23767	.57686	.26762

#1	.00638	-.00171	386.14	.16600	.14411	.16540	330.96
#2	.00635	-.00197	384.57	.16393	.14459	.16675	332.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1562	167.22	.30066	.00752	1.9325	.23069	.80253
Stddev	.0403	.68	.00105	.00037	.0033	.00044	.00097
%RSD	.56282	.40696	.35064	4.8873	.17281	.19244	.12055

#1	7.1847	167.70	.30141	.00726	1.9349	.23100	.80185
#2	7.1277	166.74	.29992	.00778	1.9302	.23037	.80322

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.323	.00334	.29234	.97932	4.3440	.01305	1.1636
Stddev	.097	.00006	.01341	.00447	.0096	.00033	.0024
%RSD	.78372	1.7581	4.5870	.45614	.22104	2.5286	.21077

#1	12.392	.00338	.28286	.98248	4.3508	.01281	1.1653
#2	12.255	.00330	.30182	.97617	4.3373	.01328	1.1619

Sample Name: J5895-03 Acquired: 11/12/2018 18:32:13 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20313	F 11.96	.14605	<.00000	F<.00000
Stddev	.00102	.00	.00324	.08976	1.0298
%RSD	.50319	.0054	2.2150	1.1334	1.7393

#1	.20386	11.96	.14834	-7.8559	-59.933
#2	.20241	11.95	.14377	-7.9828	-58.476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4513.3	83287.	6673.9	137.50	3475.1
Stddev	3.7	112.	31.7	.03	5.1
%RSD	.08150	.13446	.47552	.02437	.14727

#1	4515.9	83208.	6651.5	137.53	3471.5
#2	4510.7	83367.	6696.4	137.48	3478.7

Sample Name: J5895-04 Acquired: 11/12/2018 18:36:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04052	-.01104	.07263	.06880	-.00065	139.87	.64699
Stddev	.00081	.00091	.00218	.00248	.00010	4.49	.00638
%RSD	2.0022	8.2499	2.9953	3.6000	14.905	3.2133	.98679

#1	.03995	-.01169	.07109	.07055	-.00072	143.04	.65150
#2	.04109	-.01040	.07417	.06705	-.00058	136.69	.64248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00708	-.00278	79.396	.16992	.18493	.14041	354.11
Stddev	.00053	.00086	1.152	.00893	.00156	.01030	7.27
%RSD	7.5090	30.770	1.4514	5.2535	.84363	7.3360	2.0516

#1	.00746	-.00339	80.211	.17624	.18383	.13313	359.25
#2	.00670	-.00218	78.581	.16361	.18604	.14769	348.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.372	65.832	.35267	.00840	1.4879	.24666	.80196
Stddev	.482	.651	.00419	.00090	.0208	.01224	.01923
%RSD	3.8980	.98832	1.1885	10.722	1.3980	4.9620	2.3984

#1	12.713	66.292	.34970	.00776	1.5026	.25531	.81556
#2	12.031	65.372	.35563	.00904	1.4732	.23800	.78836

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7003	-.00064	.29656	.49106	2.7684	.01147	1.2291
Stddev	.0991	.00005	.00611	.01077	.0595	.00133	.0141
%RSD	1.0219	8.5420	2.0618	2.1941	2.1504	11.640	1.1504

#1	9.7704	-.00060	.30088	.48344	2.8105	.01052	1.2391
#2	9.6302	-.00068	.29223	.49867	2.7263	.01241	1.2191

Sample Name: J5895-04 Acquired: 11/12/2018 18:36:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17144	F 12.29	-.08819	<.00000	F<.00000
Stddev	.00024	.11	.00382	1.6709	1.8820
%RSD	.13829	.9115	4.3317	16.933	2.4588

#1	.17161	12.21	-.09089	-8.6859	-77.869
#2	.17127	12.37	-.08549	-11.049	-75.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4813.2	86015.	7034.1	144.99	3674.4
Stddev	29.9	3236.	130.9	3.63	25.1
%RSD	.62117	3.7621	1.8607	2.5041	.68392

#1	4834.4	83727.	6941.6	142.42	3692.1
#2	4792.1	88303.	7126.7	147.56	3656.6

Sample Name: J5901-06 Acquired: 11/12/2018 18:40:20 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-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	-.00749	-.12621	.20433	.19950	.00794	449.11	8.2315	.01285
Stddev	.00346	.00482	.00377	.00667	.00261	3.29	.0391	.00011
%RSD	46.149	3.8199	1.8472	3.3448	32.869	.73156	.47458	.86147

#1	-.00505	-.12280	.20166	.19478	.00609	446.78	8.2591	.01277
#2	-.00994	-.12962	.20700	.20422	.00978	451.43	8.2039	.01293

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	82.796	1.8545	.59100	.50230	F 1097.3	7.3315	385.36
Stddev	.00158	.484	.0024	.00249	.00962	16.4	.0174	2.15
%RSD	23.840	.58409	.12902	.42178	1.9145	1.4926	.23781	.55845

#1	.00772	83.138	1.8562	.58924	.50910	1085.8	7.3438	386.89
#2	.00550	82.454	1.8528	.59276	.49550	1108.9	7.3192	383.84

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92375	.05259	4.5834	1.5854	1.5458	172.04	.00577	.92075
Stddev	.00543	.00277	.0347	.0020	.0039	.90	.00016	.02395
%RSD	.58755	5.2661	.75728	.12825	.25073	.52344	2.8240	2.6013

#1	.91992	.05063	4.6080	1.5840	1.5485	172.68	.00589	.90382
#2	.92759	.05455	4.5589	1.5869	1.5430	171.40	.00566	.93769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.864	3.4912	.04818	F 51.630	.23801	F 33.26	-.86404	<.00000
Stddev	.063	.0423	.00127	.202	.00141	.15	.01896	.22345
%RSD	.52785	1.2120	2.6351	.39067	.59291	.4421	2.1945	1.5653

#1	11.820	3.5211	.04728	51.772	.23901	33.16	-.85063	-14.117
#2	11.909	3.4612	.04908	51.487	.23702	33.36	-.87745	-14.433

Sample Name: J5901-06 Acquired: 11/12/2018 18:40:20 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-2 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4517.5	83452.	6746.2	122.22	3005.0
Stddev	1.0	137.	91.0	.02	9.4
%RSD	.02316	.16411	1.3491	.01764	.31395
#1	4518.2	83355.	6681.9	122.20	3011.7
#2	4516.7	83549.	6810.6	122.23	2998.3

Sample Name: CCV05 Acquired: 11/12/2018 18:44:27 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7684 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8572	5.2500	5.2662	4.8429	4.8668	9.5019	9.8056	.24227
Stddev	.0087	.0019	.0090	.0060	.0020	.0782	.0441	.00010
%RSD	.17926	.03604	.17061	.12478	.04169	.82286	.45007	.04082
#1	4.8634	5.2487	5.2598	4.8472	4.8682	9.4466	9.7744	.24234
#2	4.8511	5.2514	5.2725	4.8386	4.8654	9.5572	9.8368	.24220
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6216	24.329	.96928	2.6266	1.2275	5.2734	2.4442	24.355
Stddev	.0031	.075	.00101	.0057	.0024	.0450	.0027	.111
%RSD	.11949	.30813	.10465	.21590	.19789	.85283	.11267	.45494
#1	2.6194	24.276	.97000	2.6226	1.2258	5.2416	2.4461	24.277
#2	2.6238	24.382	.96857	2.6306	1.2292	5.3052	2.4422	24.433
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6371	1.2105	24.081	2.4210	2.6386	25.000	4.9010	4.8314
Stddev	.0003	.0003	.114	.0035	.0090	.047	.0019	.0038
%RSD	.01185	.02308	.47262	.14334	.34041	.18671	.03799	.07859
#1	2.6373	1.2107	24.000	2.4235	2.6323	24.967	4.9023	4.8341
#2	2.6369	1.2104	24.161	2.4186	2.6450	25.034	4.8997	4.8287
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1694	4.9070	5.2408	4.9216	4.8858	5.159	4.8678	F 1.4138
Stddev	.0156	.0000	.0042	.0215	.0135	.010	.0850	.0825
%RSD	.30239	.00075	.07924	.43584	.27660	.1872	1.7465	5.8350
#1	5.1805	4.9070	5.2379	4.9064	4.8763	5.166	4.9279	1.4722
#2	5.1584	4.9070	5.2437	4.9368	4.8954	5.152	4.8077	1.3555

Sample Name: CCV05 Acquired: 11/12/2018 18:44:27 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7684 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.5698
 Stddev .4351
 %RSD 16.931

#1 2.2621
 #2 2.8774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3933.5	70472.	5347.2	148.64	4055.5
Stddev	1.9	6.	6.8	.66	4.6
%RSD	.04819	.00879	.12793	.44365	.11276

#1	3934.9	70477.	5342.4	149.11	4058.7
#2	3932.2	70468.	5352.1	148.17	4052.3

Sample Name: CCB05 Acquired: 11/12/2018 18:52:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00056	F .00311	-.00032	-.00182	.01066	-.00095
Stddev	.00046	.00123	.00042	.00111	.00094	.00573	.00020
%RSD	142.56	219.85	13.560	345.47	51.655	53.776	20.503

#1	.00065	.00031	.00341	.00047	-.00248	.00661	-.00082
#2	-.00000	-.00143	.00281	-.00111	-.00115	.01472	-.00109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00002	-.00264	-.00035	-.00011	-.00087	.01119
Stddev	.00001	.00001	.00673	.00017	.00002	.00010	.00410
%RSD	35.127	22.549	255.35	48.544	18.505	10.969	36.637

#1	-.00002	-.00002	-.00739	-.00048	-.00012	-.00094	.01409
#2	-.00003	-.00003	.00212	-.00023	-.00010	-.00080	.00829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00022	-.00060	.00034	-.05300	-.00060	-.00033
Stddev	.00002	.01402	.00025	.00042	.00252	.00044	.00004
%RSD	45.573	6439.1	41.478	125.53	4.7620	73.210	12.540

#1	-.00006	.00969	-.00042	.00004	-.05478	-.00029	-.00030
#2	-.00003	-.01013	-.00077	.00064	-.05121	-.00091	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08093	-.00012	-.00518	-.00971	-.00234	-.00174	.00190
Stddev	.04495	.00007	.00477	.00363	.00048	.00072	.00024
%RSD	55.546	58.837	91.955	37.390	20.594	41.093	12.488

#1	.11272	-.00007	-.00181	-.01228	-.00200	-.00123	.00173
#2	.04914	-.00017	-.00856	-.00714	-.00268	-.00225	.00207

Sample Name: CCB05 Acquired: 11/12/2018 18:52:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14176 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01039	-.0049	-.00005	F<.00000	F<.00000
Stddev	.00111	.0017	.00005	.14973	.43993
%RSD	10.719	33.94	92.189	9.8552	314.92

#1	-.01117	-.0061	-.00002	-1.6252	.17138
#2	-.00960	-.0038	-.00008	-1.4135	-.45077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4106.7	74558.	5503.3	160.23	4700.6
Stddev	6.2	20.	40.8	2.60	10.8
%RSD	.15080	.02655	.74056	1.6218	.22909

#1	4111.1	74544.	5532.1	162.07	4708.2
#2	4102.3	74572.	5474.4	158.39	4693.0

Sample Name: J5902-01 Acquired: 11/12/2018 18:57:03 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03320	-.01347	.07039	.01926	.00100	103.80	.65054	.00528
Stddev	.00260	.00119	.00035	.00212	.00054	.18	.00584	.00006
%RSD	7.8248	8.8481	.50147	10.996	54.122	.17474	.89818	1.0724

#1	.03504	-.01431	.07064	.01776	.00138	103.68	.65467	.00524
#2	.03137	-.01263	.07014	.02076	.00062	103.93	.64641	.00532

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	1440.9	.31604	.04770	.13608	159.25	1.9784	91.993
Stddev	.00010	10.1	.00036	.00039	.00094	.48	.0037	.560
%RSD	10.647	.70334	.11444	.81631	.69295	.30228	.18684	.60887

#1	.00091	1448.1	.31630	.04797	.13675	158.91	1.9810	92.389
#2	.00106	1433.8	.31579	.04742	.13541	159.59	1.9758	91.597

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21451	.00154	6.5286	.24769	.56705	22.087	.01773	.25863
Stddev	.00034	.00060	.0183	.00173	.00004	.122	.00010	.00382
%RSD	.15851	38.689	.28094	.69730	.00661	.55278	.58666	1.4773

#1	.21475	.00112	6.5415	.24891	.56702	22.173	.01780	.25593
#2	.21427	.00196	6.5156	.24647	.56708	22.000	.01766	.26133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.663	.68583	-.00073	5.0491	.14899	5.178	6.4076	3.1223
Stddev	.027	.01449	.00047	.0054	.00038	.008	.0636	.0226
%RSD	.05969	2.1126	65.421	.10637	.25204	.1474	.99284	.72250

#1	44.644	.69608	-.00106	5.0529	.14872	5.183	6.4526	3.1383
#2	44.682	.67559	-.00039	5.0453	.14925	5.172	6.3626	3.1064

Sample Name: J5902-01 Acquired: 11/12/2018 18:57:03 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1226
Stddev	.7878
%RSD	12.867

#1	5.5656
#2	6.6797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.6	64570.	5398.5	132.74	3184.2
Stddev	4.2	191.	43.9	.17	1.1
%RSD	.11919	.29506	.81290	.12830	.03439

#1	3538.6	64436.	5367.4	132.62	3183.4
#2	3544.6	64705.	5429.5	132.86	3185.0

Sample Name: J5906-01 Acquired: 11/12/2018 19:01:07 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 06-TANK-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06581	-.01211	2.7893	.04771	.00029	113.94	2.2032
Stddev	.00050	.00418	.0125	.00234	.00180	.91	.0110
%RSD	.75510	34.553	.44958	4.9045	620.30	.79537	.49985

#1	.06616	-.01507	2.7981	.04936	.00156	113.30	2.2110
#2	.06546	-.00915	2.7804	.04605	-.00098	114.58	2.1954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00760	.00151	586.28	.22893	.13389	.52323	270.31
Stddev	.00003	.00002	1.63	.00083	.00082	.00061	2.38
%RSD	.33269	1.0055	.27835	.36221	.61174	.11719	.87888

#1	.00758	.00152	587.43	.22834	.13446	.52279	271.99
#2	.00761	.00149	585.12	.22951	.13331	.52366	268.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4973	47.471	.41451	.00357	1.6675	.58242	3.0573
Stddev	.0403	.341	.00048	.00029	.0035	.00256	.0343
%RSD	.89602	.71732	.11463	8.0586	.21200	.43945	1.1205

#1	4.4688	47.712	.41417	.00378	1.6650	.58061	3.0816
#2	4.5258	47.230	.41484	.00337	1.6700	.58422	3.0331

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.504	.00856	.20783	F 10.015	3.1184	.07538	4.2232
Stddev	.043	.00005	.00133	.026	.0110	.00111	.0054
%RSD	.22178	.56214	.64060	.25545	.35285	1.4688	.12771

#1	19.535	.00860	.20689	10.033	3.1106	.07460	4.2270
#2	19.474	.00853	.20877	9.9972	3.1261	.07616	4.2194

Sample Name: J5906-01 Acquired: 11/12/2018 19:01:07 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 06-TANK-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15728	7.699	.64684	<.00000	F<.00000
Stddev	.00085	.008	.00011	.32589	.25346
%RSD	.54161	.1086	.01657	10.110	.65326

#1	.15788	7.705	.64677	-3.4539	-38.620
#2	.15667	7.693	.64692	-2.9930	-38.979

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.7	74094.	5995.5	139.09	3483.1
Stddev	27.9	312.	48.1	1.86	27.8
%RSD	.68526	.42168	.80291	1.3373	.79761

#1	4052.0	74315.	5961.5	137.77	3463.5
#2	4091.4	73873.	6029.5	140.40	3502.8

Sample Name: J5907-03 Acquired: 11/12/2018 19:05:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03436	-.03759	4.9597	.15313	.00338	174.30	3.2042	.00806
Stddev	.00015	.00229	.0092	.00695	.00241	.38	.0252	.00002
%RSD	.42302	6.0921	.18497	4.5366	71.466	.21528	.78600	.30875

#1	.03426	-.03921	4.9662	.14821	.00167	174.04	3.2220	.00804
#2	.03447	-.03597	4.9533	.15804	.00508	174.57	3.1864	.00808

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	136.72	.54357	.31404	1.2820	764.51	5.2574	103.01
Stddev	.00102	.25	.00399	.00049	.0058	11.55	.0297	.94
%RSD	24.909	.18558	.73424	.15666	.45381	1.5107	.56583	.91586

#1	.00481	136.90	.54639	.31369	1.2861	756.34	5.2784	103.68
#2	.00337	136.54	.54075	.31438	1.2779	772.68	5.2363	102.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69895	.03046	4.3284	.78156	5.7453	94.765	.02925	.82018
Stddev	.00041	.00128	.0147	.00082	.0745	.586	.00046	.01824
%RSD	.05795	4.2081	.33932	.10467	1.2973	.61861	1.5778	2.2240

#1	.69923	.02955	4.3388	.78098	5.6926	95.180	.02893	.80728
#2	.69866	.03137	4.3180	.78214	5.7980	94.351	.02958	.83308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.774	4.5277	.16574	F 17.254	.44628	F 22.43	-.34458	<.00000
Stddev	.094	.1084	.00005	.063	.00208	.05	.01437	.01945
%RSD	.14149	2.3946	.02974	.36626	.46575	.2388	4.1693	.14915

#1	66.841	4.6044	.16578	17.298	.44775	22.47	-.33442	-13.052
#2	66.707	4.4511	.16571	17.209	.44481	22.40	-.35474	-13.024

Sample Name: J5907-03 Acquired: 11/12/2018 19:05:09 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4767.9	87184.	6945.3	130.81	3382.7
Stddev	14.3	26.	44.5	1.40	15.7
%RSD	.29925	.02956	.64065	1.0713	.46370
#1	4757.8	87166.	6913.8	131.80	3371.6
#2	4777.9	87203.	6976.8	129.82	3393.8

Sample Name: J5907-07 Acquired: 11/12/2018 19:09:10 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06917	-.01454	23.541	.07199	.00456	144.37	2.3791
Stddev	.00087	.00103	.044	.00255	.00072	.78	.0253
%RSD	1.2628	7.0786	.18545	3.5403	15.676	.54241	1.0640

#1	.06855	-.01381	23.572	.07019	.00507	144.92	2.3970
#2	.06978	-.01527	23.510	.07380	.00406	143.81	2.3612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01015	.00108	118.19	.24002	.17046	.39713	389.03
Stddev	.00005	.00012	.31	.00276	.00020	.00418	1.44
%RSD	.46072	11.476	.26377	1.1496	.11938	1.0537	.36901

#1	.01012	.00099	118.41	.24197	.17032	.39417	390.04
#2	.01018	.00117	117.97	.23807	.17061	.40009	388.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7405	58.701	.35216	.00884	1.5162	.42494	6.9024
Stddev	.0195	.477	.00064	.00002	.0026	.00320	.0134
%RSD	.22280	.81235	.18312	.24803	.16996	.75306	.19466

#1	8.7542	59.038	.35170	.00882	1.5144	.42720	6.9119
#2	8.7267	58.364	.35261	.00885	1.5180	.42268	6.8929

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.710	.00860	.30469	F 22.221	3.0557	.87027	5.0044
Stddev	.129	.00003	.00937	.045	.0505	.00269	.0302
%RSD	.50131	.34583	3.0739	.20243	1.6531	.30950	.60448

#1	25.801	.00858	.29807	22.252	3.0914	.87217	5.0258
#2	25.619	.00862	.31131	22.189	3.0200	.86836	4.9830

Sample Name: J5907-07 Acquired: 11/12/2018 19:09:10 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24574	F 10.16	-.15780	<.00000	F<.00000
Stddev	.00159	.03	.00028	.24591	1.2488
%RSD	.64612	.3036	.17777	3.4268	1.3998

#1	.24462	10.18	-.15760	-7.3498	-90.095
#2	.24687	10.14	-.15800	-7.0020	-88.329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4409.1	79938.	6356.3	143.15	3704.1
Stddev	3.0	125.	11.5	.32	7.1
%RSD	.06748	.15576	.18155	.22436	.19217

#1	4411.2	79850.	6348.2	142.92	3699.0
#2	4407.0	80026.	6364.5	143.38	3709.1

Sample Name: J5907-11 Acquired: 11/12/2018 19:13:12 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03978	-.01090	.62837	.05209	-.00258	87.303	.84773
Stddev	.00093	.00009	.00109	.00253	.00023	.586	.00124
%RSD	2.3443	.78788	.17400	4.8555	8.9599	.67175	.14651

#1	.03912	-.01084	.62760	.05388	-.00242	86.888	.84861
#2	.04044	-.01096	.62914	.05031	-.00275	87.718	.84685

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00873	-.00214	63.556	.15186	.12951	.29873	270.52
Stddev	.00003	.00050	.313	.00040	.00030	.00643	5.70
%RSD	.33042	23.346	.49178	.26311	.22893	2.1531	2.1052

#1	.00871	-.00179	63.335	.15157	.12930	.30328	266.50
#2	.00875	-.00250	63.777	.15214	.12972	.29418	274.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4540	52.847	.23613	.00628	2.3704	.35038	1.3697
Stddev	.0609	.309	.00093	.00099	.0076	.00143	.0178
%RSD	.81690	.58383	.39407	15.810	.32117	.40772	1.2969

#1	7.4109	53.065	.23679	.00557	2.3650	.34937	1.3571
#2	7.4970	52.629	.23548	.00698	2.3758	.35140	1.3822

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.556	.00456	.23869	1.0247	4.3219	.02854	3.9860
Stddev	.009	.00054	.00544	.0007	.0210	.00071	.0070
%RSD	.04676	11.808	2.2808	.06700	.48514	2.4971	.17607

#1	18.550	.00494	.23484	1.0243	4.3367	.02904	3.9811
#2	18.562	.00418	.24254	1.0252	4.3071	.02804	3.9910

Sample Name: J5907-11 Acquired: 11/12/2018 19:13:12 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16521	9.356	-.11815	<.00000	F<.00000
Stddev	.00002	.027	.00610	.53022	1.1200
%RSD	.01276	.2890	5.1620	6.4299	2.5002

#1	.16523	9.337	-.11384	-7.8711	-44.005
#2	.16520	9.376	-.12246	-8.6210	-45.589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4735.3	85181.	6618.3	147.12	3904.8
Stddev	13.6	47.	31.2	1.92	.5
%RSD	.28750	.05543	.47213	1.3052	.01308

#1	4725.7	85215.	6596.2	148.47	3905.1
#2	4744.9	85148.	6640.4	145.76	3904.4

Sample Name: J5907-15 Acquired: 11/12/2018 19:17:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70771	-.01135	10.285	.09670	.01193	120.67	4.7057
Stddev	.00219	.00113	.015	.00134	.00028	.24	.0034
%RSD	.30923	9.9796	.15062	1.3856	2.3147	.19532	.07209

#1	.70926	-.01215	10.274	.09575	.01173	120.51	4.7033
#2	.70617	-.01055	10.296	.09765	.01212	120.84	4.7081

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00956	.02236	78.580	.53607	.21858	3.1284	477.78
Stddev	.00003	.00003	.108	.00034	.00073	.0078	1.10
%RSD	.30131	.13373	.13737	.06262	.33572	.25061	.22937

#1	.00954	.02234	78.503	.53583	.21806	3.1339	477.01
#2	.00958	.02238	78.656	.53630	.21910	3.1228	478.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9317	48.231	.52467	.09171	3.2909	.53104	10.325
Stddev	.0108	.157	.00111	.00021	.0228	.00222	.042
%RSD	.21921	.32478	.21204	.23036	.69402	.41771	.41084

#1	4.9241	48.120	.52389	.09156	3.2747	.53260	10.295
#2	4.9394	48.342	.52546	.09186	3.3070	.52947	10.355

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.200	.01280	.51301	9.4595	2.4493	.27194	4.1638
Stddev	.035	.00022	.00605	.0016	.0181	.00101	.0093
%RSD	.22788	1.7484	1.1796	.01713	.73895	.37027	.22350

#1	15.175	.01296	.50873	9.4606	2.4365	.27123	4.1572
#2	15.224	.01264	.51729	9.4584	2.4621	.27265	4.1703

Sample Name: J5907-15 Acquired: 11/12/2018 19:17:11 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17488	F 12.07	.16469	<.00000	F<.00000
Stddev	.00078	.03	.00077	.81049	1.3665
%RSD	.44783	.2591	.46587	9.8540	1.0992
#1	.17543	12.04	.16523	-8.7981	-125.28
#2	.17433	12.09	.16414	-7.6519	-123.34
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4410.8	79588.	6213.5	145.52	3779.3
Stddev	4.2	220.	17.0	.60	5.1
%RSD	.09409	.27638	.27308	.41147	.13597
#1	4407.9	79744.	6225.5	145.94	3782.9
#2	4413.8	79433.	6201.5	145.09	3775.7

Sample Name: J5269-01 Acquired: 11/12/2018 19:21:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00548	.01499	.00103	-.00345	5.1771	.77048	.00047
Stddev	.00097	.00235	.00040	.00018	.00026	.1792	.00491	.00006
%RSD	106.46	42.880	2.6622	17.264	7.6638	3.4615	.63770	13.035
#1	.00160	-.00714	.01470	.00115	-.00364	5.0504	.77396	.00043
#2	.00023	-.00382	.01527	.00090	-.00326	5.3038	.76701	.00052
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	163.05	.00516	.01220	.02698	6.9889	2.6255	21.214
Stddev	.00001	.79	.00023	.00007	.00037	.2333	.1152	.032
%RSD	10.723	.48552	4.5478	.54186	1.3666	3.3383	4.3894	.15121
#1	-.00010	163.61	.00499	.01224	.02672	7.1538	2.5440	21.237
#2	-.00009	162.49	.00532	.01215	.02724	6.8239	2.7070	21.191
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01216	.00037	1062.3	.00893	.03636	14.075	.00353	.35744
Stddev	.00010	.00038	4.8	.00019	.00142	.001	.00008	.00817
%RSD	.80166	104.87	.45607	2.1036	3.8918	.00864	2.3584	2.2851
#1	.01209	.00009	1065.8	.00879	.03736	14.076	.00359	.36322
#2	.01223	.00064	1058.9	.00906	.03536	14.074	.00347	.35167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.539	F 14.976	-.00798	.15691	.03267	.4477	.69677	4.5119
Stddev	.036	.001	.00081	.00451	.00411	.0011	.00599	1.2374
%RSD	.12654	.00948	10.206	2.8766	12.585	.2542	.85973	27.425
#1	28.513	14.977	-.00855	.16010	.02976	.4485	.70101	3.6369
#2	28.564	14.975	-.00740	.15372	.03557	.4469	.69253	5.3868

Sample Name: J5269-01 Acquired: 11/12/2018 19:21:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14176 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.4838
Stddev	.1557
%RSD	2.8398

#1	5.3737
#2	5.5939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.0	62788.	5063.2	141.37	3419.8
Stddev	7.6	2104.	35.9	4.92	6.3
%RSD	.21639	3.3515	.70813	3.4771	.18358

#1	3492.7	64276.	5037.8	137.89	3415.3
#2	3503.4	61300.	5088.5	144.84	3424.2

Sample Name: J5860-10 Acquired: 11/12/2018 19:25:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	.00027	.00483	.00079	-.00278	.01054	.00031	.00002
Stddev	.00238	.00186	.00073	.00027	.00127	.00124	.00528	.00003
%RSD	208.62	685.43	15.128	34.217	45.545	11.772	1692.9	174.90

#1	-.00283	.00159	.00535	.00060	-.00367	.00967	-.00342	.00004
#2	.00054	-.00104	.00431	.00099	-.00188	.01142	.00404	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.73766	-.00007	.00021	.00020	.02878	.00073	.17251
Stddev	.00002	.26134	.00033	.00005	.00015	.00387	.00001	.09342
%RSD	27.375	35.428	492.33	22.523	72.187	13.440	1.4891	54.150

#1	-.00005	.55286	-.00030	.00025	.00031	.02605	.00073	.10646
#2	-.00008	.92245	.00017	.00018	.00010	.03152	.00074	.23857

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	.00005	.94779	-.00089	.01242	.18517	.00021	-.00031
Stddev	.00002	.00026	.33367	.00011	.00389	.02978	.00020	.00331
%RSD	1.4282	550.52	35.205	12.267	31.290	16.079	97.322	1077.0

#1	-.00126	.00023	.71185	-.00096	.00967	.20623	.00006	.00204
#2	-.00124	-.00014	1.1837	-.00081	.01517	.16412	.00035	-.00265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43763	.12424	-.00192	.00097	-.01084	.0036	.00422	<.00000
Stddev	.00829	.04791	.00001	.00074	.00265	.0003	.00129	.14582
%RSD	1.8939	38.564	.39619	76.272	24.484	8.236	30.620	7.1659

#1	.44349	.09036	-.00192	.00045	-.01272	.0039	.00331	-1.9318
#2	.43177	.15811	-.00193	.00150	-.00896	.0034	.00514	-2.1380

Sample Name: J5860-10 Acquired: 11/12/2018 19:25:18 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .46820
 Stddev .57733
 %RSD 123.31

#1 .87643
 #2 .05997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.8	73671.	5988.2	178.85	4671.8
Stddev	52.8	111.	1804.4	53.20	76.0
%RSD	1.2965	.15017	30.133	29.744	1.6270

#1	4034.4	73593.	7264.1	216.47	4618.0
#2	4109.1	73749.	4712.3	141.23	4725.5

Sample Name: J5861-02 Acquired: 11/12/2018 19:29:23 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00218	.01856	.00108	-.00066	.08994	.02882	-.00005
Stddev	.00093	.00048	.00025	.00123	.00036	.00640	.00024	.00007
%RSD	32.928	22.041	1.3621	114.00	54.411	7.1124	.82666	144.26

#1	-.00216	-.00252	.01874	.00021	-.00091	.09447	.02899	.00000
#2	-.00346	-.00184	.01838	.00195	-.00040	.08542	.02865	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	2.2390	.00112	.00102	.11187	.15839	.03236	.47456
Stddev	.00002	.0060	.00001	.00012	.00018	.00663	.00021	.01039
%RSD	.95785	.27014	.45429	12.208	.15847	4.1872	.65261	2.1902

#1	.00263	2.2348	.00112	.00111	.11175	.16308	.03222	.48191
#2	.00259	2.2433	.00112	.00093	.11200	.15370	.03251	.46721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.00017	3.6427	.00049	.42631	1.1295	.00004	.00929
Stddev	.00040	.00006	.0104	.00012	.00428	.0175	.00001	.00513
%RSD	59.842	35.762	.28584	25.225	1.0048	1.5521	26.246	55.270

#1	.00096	.00013	3.6354	.00057	.42934	1.1419	.00003	.00566
#2	.00039	.00022	3.6501	.00040	.42328	1.1171	.00005	.01292

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3084	.54597	.00047	.01125	.00040	.0347	.00723	<.00000
Stddev	.0033	.01232	.00055	.00134	.00015	.0016	.00008	.19582
%RSD	.25483	2.2558	116.57	11.897	37.640	4.498	1.1043	11.170

#1	1.3061	.53726	.00086	.01219	.00029	.0358	.00717	-1.6146
#2	1.3108	.55468	.00008	.01030	.00050	.0336	.00729	-1.8916

Sample Name: J5861-02 Acquired: 11/12/2018 19:29:23 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .38240
Stddev .15327
%RSD 40.081

#1 .49077
#2 .27402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4042.7	73140.	5285.3	151.76	4520.8
Stddev	13.8	220.	70.5	1.86	5.8
%RSD	.34161	.30059	1.3334	1.2231	.12792

#1	4032.9	72984.	5335.1	150.45	4524.8
#2	4052.4	73295.	5235.4	153.08	4516.7

Sample Name: J5879-01 Acquired: 11/12/2018 19:33:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	-.00728	.01363	-.00147	-.00271	-.04736	.41479	-.00003
Stddev	.00049	.00111	.00016	.00389	.00169	.00334	.00084	.00000
%RSD	188.97	15.261	1.1559	265.69	62.453	7.0604	.20187	13.483
#1	.00009	-.00806	.01352	.00129	-.00151	-.04972	.41420	-.00003
#2	-.00060	-.00649	.01374	-.00422	-.00390	-.04499	.41538	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	417.79	.00130	.00020	.00279	.21871	.61962	71.916
Stddev	.00003	3.56	.00015	.00013	.00007	.00162	.00290	.400
%RSD	10.927	.85299	11.919	64.255	2.5864	.73926	.46826	.55552
#1	-.00023	415.27	.00119	.00030	.00274	.21757	.62167	71.633
#2	-.00027	420.31	.00140	.00011	.00284	.21986	.61757	72.198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00449	.00037	1774.9	.00010	.03742	82.185	.01175	.62326
Stddev	.00001	.00032	25.7	.00031	.00012	1.023	.00028	.00904
%RSD	.21640	86.361	1.4476	310.72	.32652	1.2453	2.3859	1.4512
#1	-.00450	.00060	1793.1	-.00012	.03751	81.461	.01156	.62965
#2	-.00448	.00015	1756.7	.00032	.03734	82.908	.01195	.61686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 144.76	F 22.245	-.05272	-.00895	.54780	.0146	4.9166	6.8103
Stddev	1.25	.237	.00095	.00066	.00770	.0012	.0318	.4145
%RSD	.86412	1.0666	1.7989	7.3731	1.4048	7.969	.64762	6.0866
#1	143.88	22.077	-.05339	-.00849	.54235	.0154	4.8941	7.1034
#2	145.65	22.413	-.05205	-.00942	.55324	.0138	4.9391	6.5172

Sample Name: J5879-01 Acquired: 11/12/2018 19:33:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.6657
Stddev .5148
%RSD 9.0864

#1 5.3017
#2 6.0298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.9	56856.	4826.1	138.42	3080.8
Stddev	2.8	569.	30.0	.42	22.1
%RSD	.08748	1.0005	.62252	.30401	.71774

#1	3198.0	56454.	4847.4	138.13	3096.4
#2	3201.9	57258.	4804.9	138.72	3065.1

Sample Name: CCV06 Acquired: 11/12/2018 19:37:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8355	5.3450	5.3141	4.8575	4.8697	9.5474	9.8851	.24480
Stddev	.0182	.0171	.0140	.0004	.0097	.0384	.0810	.00007
%RSD	.37679	.31961	.26292	.00780	.19997	.40211	.81922	.03044
#1	4.8484	5.3329	5.3042	4.8573	4.8766	9.5745	9.9424	.24485
#2	4.8226	5.3571	5.3239	4.8578	4.8628	9.5203	9.8278	.24475
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6631	24.707	.98760	2.6546	1.2249	5.3469	2.4795	24.837
Stddev	.0056	.067	.00133	.0054	.0007	.0423	.0001	.019
%RSD	.20966	.27213	.13489	.20264	.05526	.79025	.00544	.07793
#1	2.6591	24.755	.98854	2.6508	1.2253	5.3170	2.4794	24.851
#2	2.6670	24.660	.98666	2.6584	1.2244	5.3768	2.4796	24.823
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6646	1.2128	24.186	2.4583	2.6767	25.318	4.9051	4.9446
Stddev	.0079	.0013	.148	.0030	.0121	.115	.0030	.0280
%RSD	.29672	.10946	.61031	.12236	.45207	.45509	.06131	.56684
#1	2.6590	1.2138	24.290	2.4562	2.6681	25.400	4.9073	4.9645
#2	2.6702	1.2119	24.082	2.4604	2.6852	25.237	4.9030	4.9248
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2057	4.9782	5.3150	4.9422	4.9625	5.239	4.9053	F .48151
Stddev	.0066	.0008	.0067	.0002	.0314	.021	.0332	.13744
%RSD	.12631	.01567	.12673	.00486	.63295	.3960	.67773	28.543
#1	5.2104	4.9777	5.3103	4.9423	4.9847	5.224	4.9288	.57869
#2	5.2011	4.9788	5.3198	4.9420	4.9403	5.253	4.8818	.38433

Sample Name: CCV06 Acquired: 11/12/2018 19:37:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6294
Stddev	.0445
%RSD	1.6924

#1	2.5979
#2	2.6608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3964.5	70320.	5301.9	147.70	4045.3
Stddev	2.4	175.	26.5	.78	7.9
%RSD	.06154	.24925	.49973	.52747	.19580

#1	3962.8	70196.	5283.2	148.25	4050.9
#2	3966.2	70444.	5320.6	147.15	4039.7

Sample Name: CCB06 Acquired: 11/12/2018 19:41:23 Type: Unk
Method: P4-ICP2(v2564) 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	-.00089	-.00039	.00288	-.00216	-.00210	-.00154	-.00041
Stddev	.00151	.00016	.00094	.00089	.00008	.00298	.00012
%RSD	168.85	41.261	32.687	41.283	3.7895	193.68	28.807

#1	.00017	-.00027	.00221	-.00279	-.00204	.00057	-.00033
#2	-.00196	-.00050	.00355	-.00153	-.00215	-.00365	-.00050

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00005	-.01252	.00000	.00001	-.00048	.00333
Stddev	.00003	.00008	.00421	.00019	.00012	.00016	.00628
%RSD	119.81	159.84	33.612	39793.	1315.8	33.105	188.43

#1	-.00004	.00001	-.00954	-.00014	.00009	-.00059	-.00111
#2	-.00000	-.00011	-.01549	.00014	-.00007	-.00037	.00777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01298	-.00101	.00022	.38896	-.00064	-.00009
Stddev	.00004	.01885	.00014	.00041	.00390	.00049	.00001
%RSD	47.571	145.24	13.754	185.84	1.0032	76.339	8.9254

#1	-.00011	.02631	-.00111	.00051	.39172	-.00029	-.00009
#2	-.00006	-.00035	-.00091	-.00007	.38620	-.00098	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13638	.00011	.00308	-.00641	-.00155	-.00063	.00135
Stddev	.03339	.00011	.00206	.00020	.00083	.00014	.00133
%RSD	24.484	94.822	66.999	3.1070	53.232	22.531	98.406

#1	.15999	.00004	.00454	-.00655	-.00213	-.00073	.00041
#2	.11277	.00019	.00162	-.00627	-.00097	-.00053	.00229

Sample Name: CCB06 Acquired: 11/12/2018 19:41:23 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00984	-0.0051	-0.00001	F<.00000	F .14253
Stddev	.00038	.0010	.00004	.33698	.20849
%RSD	3.8208	19.87	436.95	11.473	146.28

#1	-0.01011	-0.0058	.00002	-2.6990	.28995
#2	-0.00958	-0.0044	-0.00003	-3.1756	-0.00490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4215.3	75171.	5397.4	159.39	4782.8
Stddev	12.5	126.	13.4	.41	9.1
%RSD	.29618	.16810	.24737	.25509	.19050

#1	4224.1	75082.	5387.9	159.10	4789.2
#2	4206.4	75261.	5406.8	159.68	4776.4

Sample Name: J5884-17 Acquired: 11/12/2018 19:45:29 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07039	-.00618	.10666	.00943	.00353	34.190	.88395	.00175
Stddev	.00103	.00096	.00100	.00457	.00068	.283	.00622	.00007
%RSD	1.4583	15.454	.93692	48.490	19.290	.82790	.70324	3.9470
#1	.06966	-.00551	.10596	.01266	.00305	33.990	.88834	.00171
#2	.07112	-.00686	.10737	.00619	.00401	34.390	.87955	.00180
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	279.05	.03117	.01570	.17598	39.668	2.1254	80.213
Stddev	.00003	1.13	.00027	.00063	.00038	.817	.0018	.382
%RSD	7.6242	.40412	.86420	4.0283	.21429	2.0589	.08316	.47608
#1	-.00040	279.85	.03136	.01526	.17625	39.090	2.1241	80.483
#2	-.00045	278.25	.03098	.01615	.17572	40.245	2.1266	79.943
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03163	.00072	376.54	.06256	.17986	9.0675	.00642	.17408
Stddev	.00049	.00018	4.13	.00038	.00296	.0819	.00004	.00219
%RSD	1.5594	25.404	1.0967	.61104	1.6439	.90345	.59054	1.2605
#1	.03128	.00085	379.46	.06229	.17777	9.1254	.00640	.17563
#2	.03198	.00059	373.62	.06283	.18195	9.0096	.00645	.17253
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.649	F 44.881	.00488	.93539	.06271	1.425	.68814	2.2354
Stddev	.031	.445	.00061	.00895	.00118	.004	.00522	.1565
%RSD	.15093	.99170	12.472	.95633	1.8882	.2434	.75805	7.0008
#1	20.671	45.196	.00445	.92906	.06188	1.422	.69183	2.3461
#2	20.627	44.566	.00531	.94172	.06355	1.427	.68445	2.1248

Sample Name: J5884-17 Acquired: 11/12/2018 19:45:29 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.927
Stddev	.476
%RSD	4.3542

#1	11.264
#2	10.591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.3	66019.	5218.4	139.54	3558.7
Stddev	1.0	110.	53.2	2.05	9.6
%RSD	.02674	.16649	1.0200	1.4675	.27049

#1	3731.6	66097.	5180.7	140.99	3551.9
#2	3733.0	65941.	5256.0	138.09	3565.5

Sample Name: J5884-17DUP Acquired: 11/12/2018 19:49:31 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06774	-.00660	.10616	.00949	.00348	34.320	.89084	.00177
Stddev	.00106	.00081	.00056	.00493	.00041	.091	.00459	.00004
%RSD	1.5648	12.332	.53100	51.947	11.914	.26643	.51577	2.1680
#1	.06699	-.00602	.10576	.00600	.00377	34.384	.89409	.00179
#2	.06849	-.00718	.10656	.01298	.00318	34.255	.88759	.00174
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	280.69	.03139	.01578	.17864	39.488	2.1529	80.539
Stddev	.00018	.06	.00009	.00053	.00043	.330	.0085	.129
%RSD	29.887	.02307	.28143	3.3413	.23925	.83632	.39345	.16004
#1	-.00047	280.74	.03145	.01615	.17834	39.254	2.1589	80.630
#2	-.00073	280.65	.03133	.01541	.17895	39.721	2.1469	80.448
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03213	-.00039	378.38	.06350	.17789	8.8699	.00637	.17531
Stddev	.00064	.00021	4.06	.00057	.00087	.0645	.00005	.00327
%RSD	1.9890	55.073	1.0728	.89248	.48979	.72691	.70733	1.8679
#1	.03258	-.00024	381.25	.06390	.17728	8.9155	.00634	.17300
#2	.03168	-.00054	375.51	.06310	.17851	8.8243	.00640	.17763
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.851	F 44.720	.00369	.93630	.06004	1.443	.69212	2.8478
Stddev	.057	.304	.00067	.00907	.00197	.005	.00160	.0194
%RSD	.27507	.67892	18.005	.96902	3.2854	.3795	.23123	.68074
#1	20.892	44.934	.00322	.94271	.05865	1.447	.69325	2.8341
#2	20.810	44.505	.00416	.92988	.06144	1.440	.69099	2.8615

Sample Name: J5884-17DUP Acquired: 11/12/2018 19:49:31 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.661
Stddev	.644
%RSD	6.0361

#1	10.206
#2	11.116

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3712.9	65527.	5216.2	140.73	3543.0
Stddev	5.4	383.	37.8	.46	.9
%RSD	.14442	.58469	.72484	.32706	.02599

#1	3716.7	65256.	5189.4	141.05	3542.4
#2	3709.1	65798.	5242.9	140.40	3543.7

Sample Name: J5884-17LX5 Acquired: 11/12/2018 19:53:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01611	-.00269	.02718	.00265	-.00293	6.9157	.18582	.00041
Stddev	.00185	.00014	.00112	.00142	.00016	.1045	.00127	.00000
%RSD	11.516	5.0678	4.1275	53.719	5.3967	1.5114	.68486	1.1500

#1	.01480	-.00259	.02797	.00164	-.00304	6.8418	.18672	.00042
#2	.01742	-.00279	.02638	.00365	-.00282	6.9896	.18492	.00041

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	58.754	.00641	.00319	.03931	8.1169	.46178	17.090
Stddev	.00004	.238	.00028	.00008	.00014	.2007	.00258	.065
%RSD	13.689	.40582	4.3251	2.5787	.35236	2.4720	.55944	.37924

#1	-.00024	58.922	.00621	.00325	.03921	7.9750	.45995	17.136
#2	-.00029	58.585	.00661	.00313	.03941	8.2588	.46361	17.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	.00013	81.832	.01295	.03691	2.0417	.00101	.04339
Stddev	.00002	.00026	.722	.00066	.00070	.0332	.00016	.00390
%RSD	.34914	192.69	.88246	5.1311	1.9099	1.6255	15.614	8.9964

#1	.00470	.00031	82.343	.01342	.03641	2.0183	.00090	.04615
#2	.00472	-.00005	81.322	.01248	.03740	2.0652	.00112	.04063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9758	9.6974	.00070	.19388	.01791	.2743	.14635	.21926
Stddev	.0317	.0917	.00036	.00172	.00059	.0038	.00120	.29526
%RSD	.79712	.94531	51.070	.88738	3.3044	1.389	.81674	134.66

#1	3.9982	9.7622	.00095	.19510	.01833	.2770	.14719	.01048
#2	3.9534	9.6325	.00045	.19267	.01749	.2716	.14550	.42804

Sample Name: J5884-17LX5 Acquired: 11/12/2018 19:53:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8408
Stddev .6037
%RSD 15.718

#1 3.4140
#2 4.2677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.2	69354.	5307.4	150.54	4045.0
Stddev	13.8	453.	38.7	2.50	24.7
%RSD	.35065	.65315	.72952	1.6591	.60983

#1	3939.4	69674.	5280.0	152.31	4027.6
#2	3959.0	69034.	5334.7	148.78	4062.5

Sample Name: J5884-17MS Acquired: 11/12/2018 19:57:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81390	1.9548	1.0971	1.8497	.68201	39.634	1.1066	.19371
Stddev	.00171	.0039	.0013	.0023	.00105	.255	.0173	.00022
%RSD	.20992	.19751	.12057	.12329	.15338	.64307	1.5597	.11404
#1	.81269	1.9520	1.0961	1.8481	.68127	39.454	1.1188	.19386
#2	.81511	1.9575	1.0980	1.8513	.68275	39.814	1.0944	.19355
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20452	293.37	.40624	.22309	.44467	43.115	2.3902	85.374
Stddev	.00053	2.99	.00262	.00037	.00017	.767	.0030	1.131
%RSD	.25768	1.0201	.64471	.16731	.03720	1.7794	.12633	1.3245
#1	.20489	295.49	.40809	.22283	.44455	43.657	2.3923	86.173
#2	.20414	291.26	.40439	.22335	.44479	42.572	2.3881	84.574
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54515	.06783	401.85	.34879	.38426	18.435	.38690	.46544
Stddev	.00078	.00076	9.42	.00067	.00777	.251	.00034	.01759
%RSD	.14281	1.1225	2.3444	.19303	2.0210	1.3590	.08873	3.7783
#1	.54460	.06837	408.51	.34831	.38976	18.612	.38666	.47788
#2	.54570	.06729	395.18	.34926	.37877	18.258	.38715	.45301
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.230	F 47.909	.73641	1.1148	.25928	7.971	.90881	3.1761
Stddev	.007	1.160	.00030	.0067	.00241	.011	.00876	.2757
%RSD	.03458	2.4207	.04099	.60068	.92896	.1320	.96416	8.6819
#1	21.236	48.729	.73620	1.1195	.26098	7.978	.91500	3.3711
#2	21.225	47.089	.73663	1.1100	.25757	7.963	.90261	2.9811

Sample Name: J5884-17MS Acquired: 11/12/2018 19:57:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.082
Stddev .424
%RSD 4.2095

#1 9.7816
#2 10.382

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.6	65374.	5183.4	140.76	3528.9
Stddev	2.2	108.	103.0	3.71	5.3
%RSD	.05978	.16468	1.9868	2.6332	.15009

#1	3719.2	65298.	5110.6	138.14	3525.2
#2	3716.0	65450.	5256.2	143.38	3532.6

Sample Name: J5884-17MSD Acquired: 11/12/2018 20:01:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81422	1.9565	1.1001	1.8505	.68302	39.516	1.1165	.19400
Stddev	.00286	.0085	.0001	.0088	.00047	.594	.0076	.00011
%RSD	.35073	.43557	.01040	.47541	.06851	1.5041	.68475	.05867
#1	.81624	1.9505	1.1000	1.8567	.68269	39.095	1.1219	.19408
#2	.81220	1.9626	1.1002	1.8443	.68335	39.936	1.1111	.19392
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20415	294.65	.40750	.22328	.44394	43.351	2.3939	86.002
Stddev	.00025	.02	.00285	.00021	.00055	.325	.0035	.372
%RSD	.12200	.00525	.69894	.09628	.12347	.75036	.14766	.43308
#1	.20432	294.64	.40548	.22313	.44355	43.121	2.3914	86.265
#2	.20397	294.66	.40951	.22343	.44433	43.581	2.3964	85.738
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54508	.06774	403.68	.34920	.38880	18.634	.38602	.46586
Stddev	.00043	.00089	5.86	.00055	.00008	.046	.00036	.00864
%RSD	.07928	1.3093	1.4525	.15735	.02049	.24628	.09351	1.8536
#1	.54539	.06837	407.83	.34881	.38875	18.666	.38627	.47197
#2	.54478	.06711	399.53	.34958	.38886	18.601	.38576	.45976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.194	F 48.347	.73553	1.1175	.26085	7.974	.91192	2.9886
Stddev	.011	.658	.00148	.0077	.00237	.016	.00029	.3043
%RSD	.05226	1.3601	.20073	.68579	.90792	.2054	.03213	10.183
#1	21.186	48.812	.73449	1.1229	.26252	7.962	.91213	2.7734
#2	21.202	47.882	.73657	1.1121	.25917	7.985	.91171	3.2038

Sample Name: J5884-17MSD Acquired: 11/12/2018 20:01:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.519
Stddev	.238
%RSD	2.2643

#1	10.351
#2	10.688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.7	65455.	5136.6	139.11	3529.0
Stddev	13.2	401.	52.5	.83	9.2
%RSD	.35392	.61214	1.0225	.59407	.26022

#1	3711.4	65738.	5099.4	138.53	3522.5
#2	3730.0	65171.	5173.7	139.70	3535.5

Sample Name: J5884-17A Acquired: 11/12/2018 20:05:15 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81076	1.9454	1.0944	1.8459	.68364	37.810	1.1193	.18331
Stddev	.00096	.0047	.0017	.0066	.00093	1.868	.0028	.01181
%RSD	.11811	.24112	.15871	.35744	.13568	4.9396	.25230	6.4410
#1	.81144	1.9421	1.0931	1.8506	.68430	39.131	1.1173	.19166
#2	.81009	1.9487	1.0956	1.8412	.68298	36.490	1.1213	.17496
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20324	292.14	.38319	.22275	.44280	43.134	2.2608	85.272
Stddev	.00013	1.23	.02420	.00076	.00111	.292	.1450	.175
%RSD	.06255	.42274	6.3159	.34213	.25067	.67689	6.4126	.20491
#1	.20315	291.27	.40030	.22221	.44359	43.341	2.3633	85.148
#2	.20333	293.01	.36608	.22329	.44202	42.928	2.1582	85.395
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54254	.06441	399.41	.33014	.38718	18.612	.38639	.45699
Stddev	.00077	.00319	.44	.02077	.00498	.097	.00085	.01362
%RSD	.14178	4.9547	.11054	6.2926	1.2866	.52357	.21965	2.9811
#1	.54200	.06667	399.09	.34483	.39070	18.543	.38699	.44736
#2	.54309	.06215	399.72	.31545	.38366	18.681	.38579	.46662
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.181	F 47.549	.73295	1.1073	.26270	7.959	.91190	1.7774
Stddev	.034	.664	.00082	.0098	.00047	.013	.00544	1.8774
%RSD	.16198	1.3971	.11236	.88581	.17885	.1678	.59666	105.62
#1	21.157	48.019	.73237	1.1004	.26237	7.949	.90805	3.1049
#2	21.205	47.079	.73353	1.1143	.26303	7.968	.91574	.44994

Sample Name: J5884-17A Acquired: 11/12/2018 20:05:15 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.325
Stddev	.740
%RSD	7.1637

#1	10.848
#2	9.8018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.7	68206.	5125.1	138.36	3493.4
Stddev	10.2	3559.	2.2	1.96	1.4
%RSD	.27611	5.2174	.04328	1.4136	.04079

#1	3672.5	65690.	5123.5	136.98	3492.4
#2	3686.9	70723.	5126.6	139.75	3494.4

Sample Name: J5884-08 Acquired: 11/12/2018 20:09:07 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	-.00306	.00840	.00037	-.00168	.05611	.17679	.00008
Stddev	.00001	.00047	.00084	.00182	.00102	.00070	.00022	.00002
%RSD	.37570	15.283	10.001	494.21	60.633	1.2471	.12435	24.353

#1	-.00254	-.00339	.00899	.00166	-.00240	.05562	.17695	.00006
#2	-.00253	-.00273	.00780	-.00092	-.00096	.05661	.17663	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	39.026	-.00062	.00386	.00475	.11750	.96800	4.9476
Stddev	.00003	.174	.00014	.00026	.00027	.00991	.00650	.0007
%RSD	25.906	.44622	23.174	6.6294	5.6954	8.4375	.67166	.01357

#1	.00011	39.149	-.00052	.00404	.00495	.12451	.96340	4.9472
#2	.00016	38.903	-.00072	.00367	.00456	.11049	.97260	4.9481

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.00026	389.54	-.00019	.02281	1.2616	-.00005	.00450
Stddev	.00005	.00073	4.60	.00003	.00003	.0055	.00024	.00770
%RSD	3.7885	281.12	1.1801	13.218	.11575	.43418	470.04	171.13

#1	.00133	-.00026	392.79	-.00021	.02280	1.2654	.00012	-.00095
#2	.00126	.00077	386.29	-.00017	.02283	1.2577	-.00022	.00994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22117	.35247	.00095	.00166	.01181	.0027	.08501	2.0689
Stddev	.00951	.00755	.00072	.00242	.00050	.0016	.00017	.0316
%RSD	4.2979	2.1411	75.819	145.86	4.2706	61.35	.20582	1.5254

#1	.22789	.35781	.00147	.00338	.01145	.0038	.08513	2.0912
#2	.21445	.34714	.00044	-.00005	.01216	.0015	.08488	2.0465

Sample Name: J5884-08 Acquired: 11/12/2018 20:09:07 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.8009
Stddev .1220
%RSD 6.7718

#1 1.8871
#2 1.7146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.7	65623.	5145.3	144.70	3823.0
Stddev	45.0	226.	12.0	.53	28.7
%RSD	1.1964	.34437	.23242	.36496	.75046

#1	3730.9	65782.	5136.8	145.07	3802.7
#2	3794.6	65463.	5153.8	144.32	3843.3

Sample Name: J5884-12 Acquired: 11/12/2018 20:13:15 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00379	.00826	.00022	-.00118	.17574	.18590	.00010
Stddev	.00122	.00126	.00017	.00074	.00185	.00068	.00020	.00002
%RSD	129.15	33.235	2.0971	344.63	157.30	.38769	.10876	17.150

#1	.00008	-.00469	.00838	.00074	-.00249	.17622	.18605	.00009
#2	.00180	-.00290	.00814	-.00031	.00013	.17526	.18576	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	5.2756	.00376	.00600	.00681	3.7770	.46163	.93051
Stddev	.00004	.0447	.00017	.00002	.00039	.0447	.00076	.02902
%RSD	38.670	.84671	4.4799	.40720	5.6978	1.1825	.16410	3.1189

#1	-.00014	5.2440	.00387	.00602	.00708	3.7454	.46216	.90999
#2	-.00008	5.3072	.00364	.00598	.00653	3.8086	.46109	.95103

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	-.00002	380.09	.00022	.03892	2.1949	-.00009	.01719
Stddev	.00011	.00013	3.68	.00037	.00022	.0024	.00001	.00606
%RSD	3.1773	697.95	.96861	169.89	.57555	.10907	10.007	35.233

#1	.00364	-.00011	382.69	-.00004	.03876	2.1966	-.00010	.01291
#2	.00348	.00007	377.49	.00048	.03908	2.1932	-.00009	.02148

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11035	.21781	.00017	.00155	.01007	.0023	.02399	1.5425
Stddev	.00297	.00253	.00052	.00020	.00061	.0017	.00014	.2523
%RSD	2.6924	1.1622	302.17	13.023	6.0747	73.76	.57832	16.359

#1	.11245	.21960	-.00019	.00170	.00964	.0035	.02389	1.7210
#2	.10825	.21602	.00054	.00141	.01050	.0011	.02408	1.3641

Sample Name: J5884-12 Acquired: 11/12/2018 20:13:15 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8A-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.5775
 Stddev .0427
 %RSD 1.6545

#1 2.5474
 #2 2.6077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.8	66806.	5188.6	148.53	3873.2
Stddev	7.9	153.	35.4	.75	.4
%RSD	.20459	.22892	.68178	.50783	.01037

#1	3836.3	66698.	5163.6	149.06	3872.9
#2	3847.4	66914.	5213.6	147.99	3873.4

Sample Name: J5884-16 Acquired: 11/12/2018 20:17:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8A-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	.01054	-.00380	.00359	.00434	-.00247	.08756	.39515	-.00002
Stddev	.00171	.00060	.00031	.00071	.00065	.00336	.00144	.00002
%RSD	16.184	15.757	8.7294	16.484	26.485	3.8371	.36376	129.55

#1	.01174	-.00423	.00381	.00383	-.00201	.08518	.39413	-.00000
#2	.00933	-.00338	.00336	.00484	-.00293	.08994	.39616	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	12.268	-.00080	.00051	.00106	7.6944	1.1015	1.9532
Stddev	.00011	.044	.00014	.00019	.00064	.0677	.0018	.0543
%RSD	28.848	.35993	17.361	37.573	60.401	.87991	.16251	2.7820

#1	-.00044	12.236	-.00089	.00064	.00061	7.7423	1.1002	1.9148
#2	-.00029	12.299	-.00070	.00037	.00151	7.6465	1.1027	1.9916

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	.00040	370.52	.00040	.04717	.99012	-.00036	.02975
Stddev	.00015	.00014	2.07	.00008	.00008	.00484	.00015	.00365
%RSD	5.0064	34.358	.55945	20.176	.17500	.48872	42.108	12.260

#1	-.00288	.00050	369.06	.00035	.04711	.99354	-.00026	.02717
#2	-.00309	.00030	371.99	.00046	.04723	.98670	-.00047	.03233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29144	.46522	.00034	.00210	.01057	.4777	.04916	2.3711
Stddev	.00334	.00093	.00057	.00118	.00198	.0037	.00022	.0846
%RSD	1.1462	.19951	166.41	56.279	18.753	.7820	.44930	3.5695

#1	.28908	.46587	-.00006	.00293	.00917	.4804	.04931	2.3113
#2	.29380	.46456	.00074	.00126	.01198	.4751	.04900	2.4310

Sample Name: J5884-16 Acquired: 11/12/2018 20:17:24 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8A-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.5215
 Stddev .4307
 %RSD 12.231

#1 3.8260
 #2 3.2169

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.5	65402.	5135.4	146.48	3831.8
Stddev	8.7	5.	20.7	.20	17.9
%RSD	.23260	.00790	.40390	.13511	.46740

#1	3755.3	65406.	5150.1	146.34	3819.1
#2	3767.7	65399.	5120.7	146.62	3844.4

Sample Name: J5269-02 Acquired: 11/12/2018 20:21:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12-GW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00126	.00458	-.00046	-.00286	.01134	.09197	.00006
Stddev	.00077	.00153	.00058	.00339	.00028	.00472	.00087	.00003
%RSD	279.60	121.50	12.629	730.09	9.8661	41.603	.94685	61.442

#1	-.00027	-.00018	.00499	.00193	-.00266	.01467	.09258	.00008
#2	.00082	-.00234	.00417	-.00286	-.00306	.00800	.09135	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	20.436	-.00073	.00099	-.00005	.00404	.39324	2.5492
Stddev	.00007	.049	.00069	.00022	.00028	.00495	.00056	.0495
%RSD	66.917	.23847	94.069	22.188	526.78	122.39	.14216	1.9423

#1	-.00006	20.401	-.00024	.00083	-.00025	.00755	.39363	2.5142
#2	-.00016	20.470	-.00122	.00114	.00014	.00054	.39284	2.5842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00000	143.41	-.00023	.05101	1.6439	.00020	.05545
Stddev	.00014	.00023	.17	.00046	.00087	.0375	.00017	.00174
%RSD	6.5558	17270.	.12028	199.22	1.7047	2.2803	85.217	3.1449

#1	-.00206	.00016	143.29	.00009	.05162	1.6704	.00008	.05422
#2	-.00226	-.00016	143.53	-.00055	.05039	1.6174	.00033	.05668

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1707	.97018	-.00107	-.00016	.00220	.0084	.08728	.74887
Stddev	.0015	.00730	.00005	.00039	.00052	.0013	.00023	.47182
%RSD	.04862	.75240	4.8844	251.98	23.810	15.56	.26057	63.004

#1	3.1718	.96502	-.00111	.00012	.00183	.0093	.08711	1.0825
#2	3.1696	.97534	-.00103	-.00044	.00257	.0075	.08744	.41524

Sample Name: J5269-02 Acquired: 11/12/2018 20:21:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12-GW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5713
Stddev .5025
%RSD 31.979

#1 1.9266
#2 1.2160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.6	67891.	5139.7	149.66	4039.6
Stddev	5.1	268.	39.7	2.89	4.4
%RSD	.13029	.39423	.77215	1.9334	.10886

#1	3890.1	67702.	5111.7	147.62	4042.7
#2	3883.0	68081.	5167.8	151.71	4036.5

Sample Name: CCV07 Acquired: 11/12/2018 20:25:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8289	5.4306	5.3245	4.8859	4.8541	9.6312	9.9937	.24800
Stddev	.0084	.0204	.0019	.0060	.0116	.0685	.0338	.00031
%RSD	.17371	.37574	.03617	.12178	.23980	.71102	.33809	.12595
#1	4.8348	5.4450	5.3231	4.8901	4.8624	9.6796	10.018	.24777
#2	4.8230	5.4162	5.3258	4.8817	4.8459	9.5828	9.9698	.24822
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6847	25.018	1.0162	2.6700	1.2202	5.3860	2.5264	24.906
Stddev	.0005	.090	.0017	.0010	.0017	.1093	.0016	.052
%RSD	.01806	.35967	.16566	.03669	.14139	2.0287	.06232	.21020
#1	2.6844	25.082	1.0174	2.6693	1.2189	5.4633	2.5253	24.869
#2	2.6851	24.954	1.0150	2.6707	1.2214	5.3087	2.5276	24.943
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6690	1.2348	24.845	2.5020	2.7079	25.406	4.9008	5.0927
Stddev	.0021	.0042	.100	.0042	.0361	.033	.0010	.0102
%RSD	.07976	.33660	.40246	.16838	1.3323	.13109	.02008	.20032
#1	2.6705	1.2377	24.915	2.4990	2.7334	25.430	4.9015	5.0855
#2	2.6675	1.2318	24.774	2.5050	2.6824	25.383	4.9001	5.0999
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1770	5.0702	5.3528	5.0004	4.9898	5.300	5.0103	F 1.4191
Stddev	.0059	.0182	.0033	.0064	.0184	.006	.0243	.1155
%RSD	.11293	.35941	.06170	.12749	.36959	.1059	.48474	8.1385
#1	5.1811	5.0831	5.3505	4.9959	5.0029	5.304	5.0274	1.5008
#2	5.1729	5.0573	5.3551	5.0049	4.9768	5.296	4.9931	1.3374

Sample Name: CCV07 Acquired: 11/12/2018 20:25:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6996
Stddev .2064
%RSD 7.6448

#1 2.5536
#2 2.8455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.9	68070.	5115.6	143.07	3967.8
Stddev	4.5	101.	8.0	1.98	2.7
%RSD	.11578	.14804	.15591	1.3847	.06924

#1	3911.7	67999.	5110.0	141.67	3965.9
#2	3918.1	68141.	5121.3	144.48	3969.8

Sample Name: CCB07 Acquired: 11/12/2018 20:29:16 Type: Unk
Method: P4-ICP2(v2564) 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	-.00132	-.00023	.00198	-.00015	-.00167	.00426	.00006
Stddev	.00172	.00045	.00002	.00240	.00032	.00058	.00010
%RSD	130.11	197.71	1.2564	1551.1	18.967	13.592	148.41

#1	-.00011	-.00054	.00196	-.00185	-.00145	.00385	.00013
#2	-.00254	.00009	.00200	.00154	-.00190	.00467	-.00000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00006	-.01610	-.00021	-.00008	-.00084	.01364
Stddev	.00006	.00004	.00383	.00001	.00021	.00033	.00023
%RSD	364.69	56.910	23.813	3.8932	272.48	38.710	1.6581

#1	.00003	-.00009	-.01881	-.00020	.00007	-.00107	.01380
#2	-.00006	-.00004	-.01339	-.00021	-.00023	-.00061	.01348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00069	-.00122	-.00006	.22500	-.00035	-.00011
Stddev	.00002	.01302	.00019	.00033	.00250	.00018	.00005
%RSD	133.54	1893.5	15.741	557.92	1.1092	51.955	43.843

#1	.00000	-.00852	-.00136	-.00029	.22676	-.00022	-.00008
#2	.00004	.00989	-.00109	.00017	.22323	-.00048	-.00014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06027	.00024	.00169	F -.01065	-.00079	-.00088	.00111
Stddev	.01704	.00004	.00871	.00152	.00092	.00098	.00136
%RSD	28.269	17.613	514.24	14.265	117.17	110.30	122.55

#1	.07232	.00027	.00785	-.00958	-.00144	-.00157	.00207
#2	.04822	.00021	-.00446	-.01173	-.00014	-.00019	.00015

Sample Name: CCB07 Acquired: 11/12/2018 20:29:16 Type: Unk
Method: P4-ICP2(v2564) 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 -.01061	-.0041	.00005	F<.00000	F .34688
Stddev	.00060	.0003	.00004	.46616	.38561
%RSD	5.6345	6.990	75.407	29.746	111.16

#1	-.01019	-.0043	.00008	-1.2375	.61955
#2	-.01104	-.0039	.00002	-1.8967	.07422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4158.7	72598.	5263.1	156.50	4701.7
Stddev	8.1	363.	6.6	1.89	.9
%RSD	.19365	.50056	.12446	1.2087	.01837

#1	4153.0	72341.	5267.8	155.16	4701.1
#2	4164.4	72855.	5258.5	157.83	4702.3

Sample Name: J5861-03 Acquired: 11/12/2018 20:33:21 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00011	.00723	.00033	-.00228	.00930	.04193	.00005
Stddev	.00204	.00017	.00025	.00193	.00166	.00501	.00053	.00001
%RSD	102.57	145.13	3.4367	583.11	72.604	53.835	1.2668	23.415

#1	.00055	.00000	.00706	.00170	-.00346	.00576	.04231	.00004
#2	.00343	-.00023	.00741	-.00104	-.00111	.01285	.04156	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.28082	-.00020	.00017	.01138	.01139	.00310	.04891
Stddev	.00001	.00664	.00018	.00008	.00015	.00313	.00004	.00117
%RSD	9.1574	2.3641	91.083	46.306	1.2916	27.474	1.2135	2.3925

#1	.00017	.28551	-.00007	.00011	.01128	.01360	.00307	.04974
#2	.00015	.27612	-.00033	.00022	.01149	.00918	.00313	.04808

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00016	.77379	-.00018	.04967	.25771	-.00026	.01371
Stddev	.00019	.00025	.00367	.00019	.00057	.00638	.00043	.00012
%RSD	13.029	157.88	.47492	106.28	1.1376	2.4747	161.84	.90447

#1	-.00134	-.00033	.77119	-.00004	.04927	.25320	-.00056	.01363
#2	-.00162	.00002	.77639	-.00032	.05007	.26222	.00004	.01380

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23092	.08945	-.00012	.00031	-.00196	-.0025	.00144	<.00000
Stddev	.00026	.00108	.00051	.00027	.00171	.0004	.00009	.10306
%RSD	.11078	1.2074	428.03	87.001	87.196	14.02	6.5784	9.6713

#1	.23073	.09021	-.00048	.00012	-.00075	-.0028	.00151	-1.1385
#2	.23110	.08869	.00024	.00050	-.00317	-.0023	.00138	-.99278

Sample Name: J5861-03 Acquired: 11/12/2018 20:33:21 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .14336
Stddev .77575
%RSD 541.12

#1 -.40518
#2 .69190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4137.0	71580.	5282.6	153.31	4582.7
Stddev	15.0	525.	28.2	.74	3.0
%RSD	.36235	.73326	.53414	.48429	.06484

#1	4147.6	71209.	5262.7	152.78	4584.8
#2	4126.4	71951.	5302.6	153.83	4580.6

Sample Name: J5861-03DUP Acquired: 11/12/2018 20:37:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	-.00088	.00653	.00158	-.00279	.02192	.04329	.00002
Stddev	.00019	.00094	.00037	.00117	.00115	.00247	.00020	.00002
%RSD	119.96	107.16	5.7323	73.548	41.067	11.287	.46130	127.90

#1	-.00029	-.00021	.00627	.00241	-.00360	.02367	.04315	.00003
#2	-.00002	-.00154	.00680	.00076	-.00198	.02017	.04343	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.27107	.00006	.00007	.01181	.02093	.00320	.03504
Stddev	.00002	.00381	.00012	.00009	.00028	.00107	.00008	.01933
%RSD	11.238	1.4049	189.39	134.51	2.3804	5.1300	2.3890	55.171

#1	.00018	.26838	.00015	.00000	.01161	.02017	.00326	.04871
#2	.00016	.27376	-.00002	.00013	.01201	.02169	.00315	.02137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	-.00005	.74762	-.00033	.04948	.19787	-.00011	.01376
Stddev	.00025	.00015	.00097	.00021	.00017	.04670	.00009	.00029
%RSD	15.003	318.85	.13038	64.364	.34765	23.602	84.623	2.1215

#1	-.00181	-.00016	.74693	-.00048	.04936	.23089	-.00017	.01355
#2	-.00146	.00006	.74831	-.00018	.04960	.16484	-.00004	.01397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23301	.08906	-.00039	.00080	-.00262	-.0017	.00142	<.00000
Stddev	.00315	.00486	.00023	.00042	.00060	.0005	.00001	.08458
%RSD	1.3525	5.4600	57.747	52.764	22.955	27.29	.81010	7.8637

#1	.23079	.09250	-.00055	.00109	-.00220	-.0021	.00143	-1.1354
#2	.23524	.08562	-.00023	.00050	-.00305	-.0014	.00141	-1.0158

Sample Name: J5861-03DUP Acquired: 11/12/2018 20:37:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.15451
Stddev	.30332
%RSD	196.31

#1	.36899
#2	-.05997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4083.1	71098.	5245.3	152.69	4503.6
Stddev	21.2	247.	15.5	.81	12.6
%RSD	.51829	.34800	.29535	.53256	.27924

#1	4098.1	71273.	5234.4	153.27	4512.5
#2	4068.1	70923.	5256.3	152.12	4494.7

Sample Name: J5861-03LX5 Acquired: 11/12/2018 20:41:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7678 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	-.00064	.00375	-.00067	-.00099	.00624	.00830	.00003
Stddev	.00103	.00011	.00088	.00050	.00129	.01797	.00006	.00003
%RSD	74.986	16.983	23.455	75.146	130.83	287.91	.68187	90.705

#1	.00065	-.00072	.00313	-.00031	-.00007	.01895	.00834	.00001
#2	.00210	-.00057	.00437	-.00102	-.00190	-.00647	.00826	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.06464	-.00020	-.00012	.00219	.01358	.00070	-.03849
Stddev	.00007	.00353	.00001	.00010	.00024	.00267	.00003	.02631
%RSD	57.328	5.4608	2.8754	76.887	11.106	19.658	4.9894	68.350

#1	-.00007	.06214	-.00019	-.00019	.00202	.01546	.00067	-.05710
#2	-.00017	.06713	-.00020	-.00006	.00236	.01169	.00072	-.01989

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00003	.22781	-.00018	.01028	.12400	-.00012	.00040
Stddev	.00004	.00041	.00490	.00006	.00001	.03575	.00010	.00734
%RSD	3.1032	1455.0	2.1497	33.027	.10031	28.831	81.049	1842.4

#1	-.00145	-.00032	.23128	-.00022	.01029	.14928	-.00005	-.00479
#2	-.00138	.00026	.22435	-.00014	.01027	.09872	-.00019	.00559

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04101	.01439	-.00062	.00054	-.00651	-.0033	.00038	<.00000
Stddev	.00054	.00064	.00025	.00148	.00063	.0001	.00002	.18583
%RSD	1.3146	4.4670	40.598	272.71	9.6962	2.618	4.7013	8.1844

#1	.04063	.01484	-.00080	-.00051	-.00606	-.0034	.00040	-2.1392
#2	.04139	.01393	-.00044	.00159	-.00695	-.0032	.00037	-2.4020

Sample Name: J5861-03LX5 Acquired: 11/12/2018 20:41:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7678 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.09145
%RSD	120.67

#1	-.01112
#2	-.14045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4216.5	72781.	5300.7	160.01	4663.8
Stddev	9.9	82.	32.2	.03	13.5
%RSD	.23425	.11232	.60708	.01841	.29040

#1	4209.6	72838.	5278.0	159.99	4654.2
#2	4223.5	72723.	5323.5	160.03	4673.3

Sample Name: J5861-03MS Acquired: 11/12/2018 20:45:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80593	2.3517	1.1176	2.0818	.82750	2.0661	.27239	.21378
Stddev	.00013	.0000	.0014	.0013	.00166	.0141	.00071	.00063
%RSD	.01645	.00130	.12464	.05997	.20006	.68104	.26090	.29336
#1	.80603	2.3517	1.1166	2.0827	.82633	2.0562	.27189	.21423
#2	.80584	2.3516	1.1186	2.0809	.82867	2.0761	.27289	.21334
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22288	1.4197	.44770	.22573	.34340	3.4709	.22987	2.2660
Stddev	.00024	.0030	.00104	.00001	.00062	.0331	.00039	.0025
%RSD	.10554	.21066	.23164	.00263	.18160	.95287	.16832	.10886
#1	.22271	1.4176	.44697	.22574	.34296	3.4475	.23015	2.2643
#2	.22305	1.4218	.44843	.22573	.34384	3.4943	.22960	2.2678
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56428	.07683	4.1500	.32568	.28841	11.299	.43957	.35539
Stddev	.00071	.00012	.0198	.00131	.00028	.062	.00001	.00151
%RSD	.12603	.14980	.47674	.40184	.09620	.55113	.00125	.42626
#1	.56377	.07675	4.1361	.32660	.28821	11.255	.43958	.35432
#2	.56478	.07691	4.1640	.32475	.28860	11.343	.43957	.35646
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25136	1.1134	.78578	.22097	.22090	6.251	.21889	<.00000
Stddev	.00137	.0084	.00029	.00194	.00210	.001	.00128	.26646
%RSD	.54562	.75516	.03732	.87690	.95162	.0189	.58392	18.969
#1	.25233	1.1193	.78599	.21960	.21941	6.250	.21980	-1.2163
#2	.25039	1.1075	.78558	.22234	.22239	6.252	.21799	-1.5931

Sample Name: J5861-03MS Acquired: 11/12/2018 20:45:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.59158
%RSD	118.48

#1	-.08098
#2	-.91761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4159.0	71777.	5259.5	155.63	4508.6
Stddev	6.0	59.	25.9	.03	1.5
%RSD	.14435	.08236	.49208	.01936	.03309

#1	4163.3	71735.	5241.2	155.65	4509.6
#2	4154.8	71819.	5277.8	155.61	4507.5

Sample Name: J5861-03MSD Acquired: 11/12/2018 20:49:27 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80193	2.3512	1.1174	2.0935	.82703	2.0493	.27119	.21355
Stddev	.00001	.0036	.0037	.0010	.00355	.0066	.00177	.00004
%RSD	.00151	.15205	.33527	.04531	.42909	.32130	.65352	.01796
#1	.80192	2.3486	1.1201	2.0942	.82954	2.0447	.27244	.21352
#2	.80193	2.3537	1.1148	2.0928	.82452	2.0540	.26994	.21358
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22305	1.4149	.44910	.22605	.34185	3.4321	.22985	2.2545
Stddev	.00007	.0111	.00190	.00019	.00150	.0396	.00016	.0096
%RSD	.02954	.78209	.42212	.08256	.43938	1.1542	.07061	.42423
#1	.22310	1.4227	.45044	.22618	.34291	3.4601	.22974	2.2477
#2	.22300	1.4071	.44776	.22591	.34079	3.4041	.22997	2.2613
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56587	.07773	4.1239	.32500	.28609	11.264	.43956	.35356
Stddev	.00070	.00037	.0403	.00001	.00760	.079	.00091	.00982
%RSD	.12370	.47711	.97798	.00414	2.6562	.70292	.20723	2.7766
#1	.56637	.07800	4.1524	.32499	.29147	11.320	.44020	.34662
#2	.56538	.07747	4.0954	.32501	.28072	11.208	.43891	.36050
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25438	1.1155	.79034	.22086	.21815	6.259	.22054	<.00000
Stddev	.00644	.0151	.00098	.00076	.00239	.007	.00168	.41237
%RSD	2.5307	1.3519	.12437	.34607	1.0945	.1077	.76104	31.088
#1	.24983	1.1261	.78965	.22032	.21984	6.263	.22172	-1.0348
#2	.25893	1.1048	.79104	.22140	.21646	6.254	.21935	-1.6180

Sample Name: J5861-03MSD Acquired: 11/12/2018 20:49:27 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CS-OILY-WATE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.13861
%RSD	119.78

#1	-.01771
#2	-.21373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4155.1	71757.	5252.1	156.65	4497.5
Stddev	16.9	340.	83.2	3.87	9.8
%RSD	.40704	.47330	1.5845	2.4729	.21764

#1	4143.2	71517.	5193.3	153.91	4490.6
#2	4167.1	71997.	5311.0	159.39	4504.5

Sample Name: J5861-03A Acquired: 11/12/2018 20:53:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7678 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79640	2.3423	1.1110	2.0802	.82472	2.1060	.27653	.21814
Stddev	.00967	.0189	.0097	.0138	.00559	.0026	.00230	.00129
%RSD	1.2137	.80567	.87534	.66285	.67727	.12149	.83050	.59125
#1	.78957	2.3290	1.1041	2.0705	.82077	2.1042	.27490	.21723
#2	.80324	2.3557	1.1178	2.0900	.82867	2.1078	.27815	.21905
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22214	1.4305	.46042	.22502	.34206	3.5265	.23487	2.2727
Stddev	.00130	.0205	.00294	.00200	.00255	.0530	.00152	.0314
%RSD	.58558	1.4361	.63799	.88981	.74445	1.5040	.64631	1.3809
#1	.22122	1.4160	.45835	.22361	.34025	3.4890	.23379	2.2949
#2	.22306	1.4450	.46250	.22644	.34386	3.5640	.23594	2.2505
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56260	.07903	4.1978	.33176	.29071	11.483	.43917	.36340
Stddev	.00378	.00170	.0357	.00299	.00350	.085	.00333	.00282
%RSD	.67239	2.1543	.84922	.90171	1.2031	.74311	.75818	.77554
#1	.55993	.07783	4.1726	.32965	.28824	11.423	.43681	.36540
#2	.56528	.08024	4.2230	.33388	.29319	11.543	.44152	.36141
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25461	1.1388	.78433	.22385	.22411	6.230	.22460	<.00000
Stddev	.00191	.0185	.00780	.00179	.00232	.068	.00078	.26054
%RSD	.75123	1.6215	.99457	.79930	1.0336	1.098	.34520	50.211
#1	.25596	1.1258	.77881	.22258	.22247	6.182	.22405	-.70312
#2	.25326	1.1519	.78984	.22511	.22574	6.278	.22515	-.33466

Sample Name: J5861-03A Acquired: 11/12/2018 20:53:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7678 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .21399
%RSD 66.706

#1 -.47212
#2 -.16948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4156.1	70319.	5178.2	153.75	4508.8
Stddev	24.5	524.	37.3	1.77	30.2
%RSD	.58865	.74467	.72047	1.1482	.67005

#1	4173.4	70689.	5204.6	154.99	4530.1
#2	4138.8	69949.	5151.9	152.50	4487.4

Sample Name: J5879-02 Acquired: 11/12/2018 20:57:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 4626-22221 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00124	.00385	-.00080	-.00259	-.00414	.05521	-.00002
Stddev	.00040	.00030	.00062	.00190	.00116	.00424	.00022	.00007
%RSD	69.894	23.745	16.006	238.89	44.756	102.43	.39203	350.11

#1	.00029	-.00104	.00341	-.00214	-.00177	-.00114	.05506	-.00007
#2	.00086	-.00145	.00429	.00055	-.00341	-.00713	.05536	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	49.196	.00002	-.00022	-.00047	.00293	.07546	8.4408
Stddev	.00002	.246	.00004	.00023	.00002	.00382	.00023	.0384
%RSD	8.1145	.50035	230.66	105.92	4.5361	130.45	.30223	.45446

#1	-.00024	49.022	.00004	-.00038	-.00049	.00563	.07562	8.4137
#2	-.00021	49.370	-.00001	-.00005	-.00046	.00023	.07530	8.4679

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	.00010	273.97	.00012	.02241	8.9506	.00102	.08655
Stddev	.00060	.00031	2.19	.00013	.00032	.0805	.00002	.00078
%RSD	21.176	299.28	.79824	104.67	1.4359	.89903	2.4361	.90425

#1	-.00324	-.00012	272.42	.00021	.02219	8.8937	.00104	.08710
#2	-.00239	.00033	275.51	.00003	.02264	9.0075	.00101	.08600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.793	2.7691	-.00563	.00010	.04701	-.0046	.56284	1.3620
Stddev	.014	.0367	.00099	.00180	.00034	.0003	.00195	.1128
%RSD	.09777	1.3253	17.500	1748.2	.71448	6.079	.34615	8.2845

#1	14.804	2.7432	-.00494	-.00117	.04678	-.0048	.56147	1.4418
#2	14.783	2.7951	-.00633	.00138	.04725	-.0044	.56422	1.2823

Sample Name: J5879-02 Acquired: 11/12/2018 20:57:09 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 4626-22221 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5547
Stddev	.0417
%RSD	1.6326

#1	2.5842
#2	2.5252

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.8	65983.	5107.1	150.30	3922.6
Stddev	6.5	262.	38.4	1.77	4.6
%RSD	.16747	.39722	.75282	1.1763	.11758

#1	3858.2	65798.	5134.3	151.55	3919.3
#2	3867.3	66169.	5079.9	149.05	3925.8

Sample Name: J5884-18 Acquired: 11/12/2018 21:01:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	-.00241	.00288	.00051	-.00228	.00951	.10581	.00002
Stddev	.00222	.00029	.00144	.00021	.00112	.00093	.00091	.00004
%RSD	61.784	11.895	50.030	40.947	49.035	9.7615	.85682	154.58

#1	.00203	-.00262	.00186	.00036	-.00308	.00885	.10517	.00005
#2	.00517	-.00221	.00390	.00066	-.00149	.01016	.10645	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	33.154	-.00088	.00023	-.00049	.10049	.22543	9.1130
Stddev	.00000	.016	.00038	.00004	.00007	.00366	.00092	.0228
%RSD	1.3320	.04936	43.087	17.596	15.111	3.6461	.41023	.25035

#1	-.00012	33.165	-.00061	.00026	-.00054	.10308	.22609	9.0969
#2	-.00012	33.142	-.00114	.00020	-.00044	.09790	.22478	9.1291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	.00008	47.768	-.00043	.03809	.94065	.00018	.03385
Stddev	.00014	.00026	.051	.00035	.00005	.01956	.00016	.00241
%RSD	5.5111	330.37	.10580	80.284	.13740	2.0799	88.946	7.1309

#1	-.00246	-.00010	47.804	-.00019	.03813	.92681	.00030	.03214
#2	-.00266	.00026	47.732	-.00068	.03805	.95448	.00007	.03556

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9541	1.7069	-.00106	-.00003	-.00433	-.0006	.08416	<.00000
Stddev	.0029	.0014	.00095	.00199	.00027	.0003	.00021	.35523
%RSD	.14765	.08465	89.310	5860.2	6.3431	50.94	.25196	102.10

#1	1.9561	1.7058	-.00039	-.00144	-.00453	-.0004	.08401	-.09674
#2	1.9520	1.7079	-.00174	.00137	-.00414	-.0009	.08431	-.59911

Sample Name: J5884-18 Acquired: 11/12/2018 21:01:16 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.4079
Stddev .0732
%RSD 5.2022

#1 1.4597
#2 1.3561

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.7	69127.	5149.5	151.48	4284.4
Stddev	29.5	138.	11.4	1.16	10.4
%RSD	.72980	.19891	.22137	.76707	.24254

#1	4023.9	69030.	5141.4	150.66	4277.0
#2	4065.6	69224.	5157.5	152.30	4291.7

Sample Name: J5751-03 Acquired: 11/12/2018 21:05:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14161 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00316	.01197	.00232	-.00207	-.07677	.10234	-.00000
Stddev	.00048	.00039	.00299	.00073	.00110	.01133	.00055	.00001
%RSD	32.257	12.402	25.007	31.407	53.185	14.759	.53875	1669.8

#1	-.00114	-.00288	.01409	.00284	-.00129	-.06876	.10195	-.00001
#2	-.00182	-.00344	.00986	.00181	-.00285	-.08479	.10273	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	200.06	-.00318	-.00020	.02212	-.03872	.07473	639.91
Stddev	.00012	.14	.00014	.00002	.00066	.01175	.00010	1.02
%RSD	27.059	.06762	4.3963	9.7267	2.9623	30.359	.12868	.15895

#1	.00035	200.15	-.00308	-.00019	.02258	-.04703	.07480	640.63
#2	.00052	199.96	-.00327	-.00022	.02165	-.03041	.07466	639.19

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00717	.00091	F 2600.6	.00082	.45604	228.89	.00517	2.1515
Stddev	.00083	.00003	158.2	.00032	.00598	.74	.00001	.0019
%RSD	11.516	3.1824	6.0846	38.642	1.3106	.32213	.16311	.08629

#1	-.00775	.00094	2712.5	.00104	.46027	228.37	.00517	2.1528
#2	-.00659	.00089	2488.7	.00059	.45182	229.41	.00516	2.1502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 555.40	1.8959	-.20151	-.00563	.12167	.0819	3.2899	8.6376
Stddev	3.33	.0056	.00147	.00211	.00161	.0005	.0032	.2216
%RSD	.59961	.29381	.73045	37.492	1.3215	.6233	.09639	2.5656

#1	553.05	1.8998	-.20047	-.00414	.12053	.0815	3.2877	8.7943
#2	557.76	1.8919	-.20255	-.00712	.12280	.0823	3.2922	8.4809

Sample Name: J5751-03 Acquired: 11/12/2018 21:05:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14161 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1648
Stddev	.0042
%RSD	.06807

#1	6.1677
#2	6.1618

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.6	50729.	4636.1	128.05	2716.8
Stddev	4.2	328.	40.9	1.68	14.4
%RSD	.13905	.64704	.88266	1.3108	.52933

#1	2993.5	50497.	4607.2	126.87	2727.0
#2	2987.6	50961.	4665.0	129.24	2706.7

Sample Name: J5751-03DUP Acquired: 11/12/2018 21:09:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14161 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00446	.00960	.00367	-.00370	-.11179	.10205	.00007
Stddev	.00011	.00190	.00119	.00404	.00084	.00821	.00266	.00004
%RSD	10.823	42.711	12.410	110.14	22.823	7.3454	2.6055	61.781
#1	.00093	-.00581	.01045	.00081	-.00310	-.10598	.10393	.00010
#2	.00108	-.00311	.00876	.00653	-.00430	-.11759	.10017	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	199.18	-.00235	-.00053	.02227	-.03380	.07485	644.50
Stddev	.00000	5.54	.00010	.00014	.00032	.00689	.00014	15.95
%RSD	.48632	2.7836	4.4702	27.169	1.4367	20.394	.18155	2.4740
#1	.00037	203.10	-.00227	-.00063	.02204	-.02892	.07476	655.78
#2	.00037	195.26	-.00242	-.00043	.02249	-.03867	.07495	633.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00755	.00138	F 2437.5	.00147	.46281	231.91	.00474	2.1326
Stddev	.00074	.00044	51.6	.00017	.01683	4.99	.00012	.0583
%RSD	9.8166	31.926	2.1158	11.530	3.6356	2.1496	2.5181	2.7325
#1	-.00702	.00107	2474.0	.00135	.47470	235.44	.00483	2.1738
#2	-.00807	.00169	2401.1	.00159	.45091	228.39	.00466	2.0914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 559.73	1.8802	-.20618	-.00540	.11586	.0833	3.2663	9.1964
Stddev	.34	.0505	.00023	.00154	.00253	.0026	.0839	.0800
%RSD	.06023	2.6862	.10972	28.619	2.1858	3.173	2.5689	.87008
#1	559.49	1.9159	-.20602	-.00430	.11765	.0852	3.3256	9.1398
#2	559.96	1.8445	-.20634	-.00649	.11407	.0814	3.2069	9.2530

Sample Name: J5751-03DUP Acquired: 11/12/2018 21:09:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14161 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.3935
Stddev	.3437
%RSD	6.3715

#1	5.1505
#2	5.6365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.8	49642.	4556.3	125.76	2689.7
Stddev	6.7	264.	108.3	4.64	6.2
%RSD	.22841	.53097	2.3762	3.6880	.23094

#1	2950.0	49829.	4479.8	122.48	2685.3
#2	2959.6	49456.	4632.9	129.04	2694.0

Sample Name: CCV08 Acquired: 11/12/2018 21:13:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6232	5.2922	5.1361	4.7242	4.6425	9.2750	9.6983	.24110
Stddev	.0095	.0083	.0065	.0000	.0086	.0555	.0420	.00000
%RSD	.20498	.15621	.12599	.00003	.18619	.59830	.43266	.00202
#1	4.6299	5.2863	5.1406	4.7242	4.6486	9.2357	9.7280	.24109
#2	4.6165	5.2980	5.1315	4.7242	4.6364	9.3142	9.6686	.24110
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6063	24.537	1.0028	2.5716	1.1671	5.2891	2.4727	24.326
Stddev	.0008	.032	.0016	.0001	.0024	.0098	.0019	.102
%RSD	.03058	.13238	.16392	.00545	.20577	.18501	.07776	.42102
#1	2.6068	24.514	1.0016	2.5717	1.1688	5.2961	2.4740	24.398
#2	2.6057	24.560	1.0040	2.5715	1.1654	5.2822	2.4713	24.254
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5666	1.2024	22.643	2.4415	2.6562	25.690	4.6934	4.9753
Stddev	.0006	.0008	.157	.0030	.0290	.220	.0006	.0015
%RSD	.02412	.06817	.69272	.12463	1.0927	.85578	.01260	.03117
#1	2.5671	1.2029	22.753	2.4437	2.6767	25.845	4.6938	4.9742
#2	2.5662	1.2018	22.532	2.4394	2.6357	25.534	4.6929	4.9764
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2858	4.9860	5.1815	4.8401	4.8787	5.165	4.8738	F .12295
Stddev	.0724	.0053	.0062	.0079	.0063	.005	.0064	.17090
%RSD	1.3703	.10708	.11983	.16408	.12877	.0965	.13217	139.00
#1	5.3370	4.9898	5.1772	4.8457	4.8832	5.162	4.8783	.00211
#2	5.2346	4.9822	5.1859	4.8345	4.8743	5.169	4.8692	.24379

Sample Name: CCV08 Acquired: 11/12/2018 21:13:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4069
Stddev .4022
%RSD 16.711

#1 2.6913
#2 2.1225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4084.8	69690.	5174.2	145.12	4118.3
Stddev	7.5	35.	20.2	1.82	3.2
%RSD	.18382	.05011	.39017	1.2537	.07811

#1	4079.5	69666.	5159.9	143.83	4116.0
#2	4090.1	69715.	5188.5	146.40	4120.5

Sample Name: CCB08 Acquired: 11/12/2018 21:17:13 Type: Unk
Method: P4-ICP2(v2564) 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	-.00052	.00019	.00176	-.00013	-.00220	.01138	.00037
Stddev	.00238	.00003	.00027	.00132	.00050	.00691	.00027
%RSD	459.47	14.209	15.263	1023.2	22.893	60.675	73.225

#1	.00116	.00021	.00157	.00081	-.00184	.00650	.00056
#2	-.00220	.00017	.00195	-.00106	-.00256	.01627	.00018

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00010	-.01408	-.00027	-.00000	-.00042	.01456
Stddev	.00006	.00002	.00405	.00022	.00004	.00005	.00992
%RSD	3230.9	17.055	28.799	81.523	1656.4	11.523	68.154

#1	.00005	-.00011	-.01121	-.00042	.00003	-.00038	.00754
#2	-.00004	-.00008	-.01695	-.00011	-.00003	-.00045	.02157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01725	-.00140	.00051	F .59730	-.00026	-.00023
Stddev	.00004	.00895	.00026	.00043	.00951	.00006	.00005
%RSD	309.00	51.861	18.459	83.740	1.5924	24.173	20.310

#1	.00001	-.01092	-.00159	.00021	.60403	-.00030	-.00019
#2	-.00004	-.02357	-.00122	.00082	.59058	-.00021	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19189	.00021	.00546	F .01386	-.00616	-.00088	.00031
Stddev	.01898	.00031	.00465	.00038	.00186	.00008	.00063
%RSD	9.8909	149.73	85.297	2.7431	30.244	9.1206	200.90

#1	.20531	-.00001	.00875	.01413	-.00484	-.00082	-.00013
#2	.17847	.00043	.00217	.01359	-.00748	-.00094	.00076

Sample Name: CCB08 Acquired: 11/12/2018 21:17:13 Type: Unk
Method: P4-ICP2(v2564) 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 -.01038	-.0037	.00009	F<.00000	F .92736
Stddev	.00012	.0007	.00007	.27058	.10792
%RSD	1.1311	17.94	78.260	7.6055	11.637

#1	-.01030	-.0032	.00004	-3.3664	.85105
#2	-.01047	-.0042	.00014	-3.7490	1.0037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4332.4	74391.	5338.2	156.90	4844.8
Stddev	2.2	64.	18.7	.85	5.8
%RSD	.05090	.08606	.35090	.54455	.11931

#1	4334.0	74346.	5351.5	156.30	4848.9
#2	4330.9	74437.	5325.0	157.51	4840.8

Sample Name: J5751-03LX5 Acquired: 11/12/2018 21:21:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00295	.00582	.00311	-.00143	-.02076	.01965	.00007
Stddev	.00139	.00105	.00069	.00174	.00016	.00157	.00097	.00000
%RSD	64.571	35.752	11.838	55.879	11.276	7.5639	4.9153	.97043

#1	.00117	-.00369	.00631	.00434	-.00155	-.01965	.01896	.00007
#2	.00314	-.00220	.00533	.00188	-.00132	-.02187	.02033	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	39.817	-.00074	-.00018	.00392	.00352	.01449	124.96
Stddev	.00008	.069	.00047	.00002	.00028	.00905	.00002	.73
%RSD	125.46	.17369	63.366	10.639	7.0755	257.09	.12246	.58669

#1	-.00012	39.768	-.00107	-.00019	.00372	.00992	.01451	124.44
#2	-.00001	39.866	-.00041	-.00017	.00411	-.00288	.01448	125.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00472	.00049	832.57	.00022	.08831	40.392	.00079	.42186
Stddev	.00046	.00023	5.63	.00029	.00042	.044	.00036	.01076
%RSD	9.6806	45.952	.67613	129.80	.47082	.10891	45.046	2.5501

#1	-.00440	.00033	836.55	.00002	.08861	40.361	.00105	.41426
#2	-.00504	.00065	828.59	.00042	.08802	40.423	.00054	.42947

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 94.357	.36283	-.03304	.00052	.02332	.0082	.62695	3.3184
Stddev	.285	.00114	.00100	.00047	.00201	.0003	.00179	.1720
%RSD	.30236	.31324	3.0267	90.567	8.6366	3.808	.28525	5.1845

#1	94.155	.36364	-.03233	.00085	.02190	.0080	.62569	3.4400
#2	94.559	.36203	-.03375	.00019	.02475	.0084	.62822	3.1967

Sample Name: J5751-03LX5 Acquired: 11/12/2018 21:21:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3898
Stddev	.1540
%RSD	4.5428

#1	3.4987
#2	3.2809

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.0	62054.	4992.4	144.78	3585.2
Stddev	4.8	312.	21.3	.80	1.2
%RSD	.13115	.50221	.42739	.55132	.03337

#1	3681.5	61833.	5007.5	144.21	3584.4
#2	3674.6	62274.	4977.3	145.34	3586.1

Sample Name: J5751-03MS Acquired: 11/12/2018 21:25:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78494	1.8278	.96021	2.0013	.76471	2.0511	.28389	.22023
Stddev	.00371	.0137	.00453	.0112	.00380	.0385	.00022	.00100
%RSD	.47239	.74877	.47163	.56075	.49654	1.8748	.07659	.45277
#1	.78232	1.8181	.95701	1.9934	.76203	2.0783	.28405	.21953
#2	.78757	1.8375	.96341	2.0092	.76740	2.0239	.28374	.22094
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20000	198.72	.36628	.19778	.26287	2.7676	.25435	635.27
Stddev	.00029	.62	.00047	.00084	.00096	.0263	.00040	4.67
%RSD	.14289	.31235	.12939	.42639	.36342	.95067	.15771	.73480
#1	.19980	198.28	.36662	.19719	.26220	2.7862	.25407	631.97
#2	.20020	199.16	.36595	.19838	.26355	2.7490	.25464	638.57
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47948	.07991	F 2469.7	.27925	.62307	239.01	.35706	2.3776
Stddev	.00278	.00022	3.8	.00007	.00193	2.06	.00120	.0096
%RSD	.57992	.27888	.15391	.02424	.30941	.86282	.33485	.40508
#1	.47752	.07975	2472.3	.27930	.62171	237.55	.35621	2.3844
#2	.48145	.08007	2467.0	.27921	.62443	240.47	.35790	2.3708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 547.31	2.6903	.49283	.17634	.33809	7.594	3.4359	8.9058
Stddev	3.23	.0146	.00089	.00105	.00152	.048	.0081	.0205
%RSD	.59041	.54132	.18144	.59734	.44908	.6302	.23487	.23075
#1	545.02	2.6800	.49219	.17708	.33916	7.560	3.4302	8.9203
#2	549.59	2.7006	.49346	.17559	.33701	7.628	3.4417	8.8913

Sample Name: J5751-03MS Acquired: 11/12/2018 21:25:25 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.8500
Stddev	.7174
%RSD	14.791

#1	5.3573
#2	4.3428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.3	51057.	4614.9	130.01	2719.0
Stddev	18.3	64.	34.7	.39	13.3
%RSD	.60951	.12531	.75283	.29922	.48930

#1	3021.3	51012.	4639.5	130.28	2728.4
#2	2995.3	51103.	4590.3	129.73	2709.6

Sample Name: J5751-03MSD Acquired: 11/12/2018 21:29:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79595	1.8483	.96643	2.0273	.77779	2.0357	.28657	.22158
Stddev	.00364	.0047	.00016	.0017	.00105	.0159	.00053	.00160
%RSD	.45726	.25416	.01619	.08136	.13516	.78254	.18533	.72229

#1	.79338	1.8449	.96654	2.0284	.77854	2.0244	.28694	.22044
#2	.79852	1.8516	.96632	2.0261	.77705	2.0469	.28619	.22271

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20177	201.27	.36693	.19966	.26564	2.8308	.25556	642.82
Stddev	.00011	.94	.00367	.00025	.00162	.0486	.00101	3.49
%RSD	.05354	.46795	1.0005	.12468	.61116	1.7183	.39461	.54347

#1	.20184	201.93	.36433	.19984	.26449	2.8652	.25485	645.29
#2	.20169	200.60	.36952	.19949	.26679	2.7964	.25628	640.35

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48429	.07990	F 2373.2	.28263	.64935	243.02	.36157	2.4081
Stddev	.00091	.00014	5.4	.00081	.01449	1.05	.00146	.0179
%RSD	.18826	.17351	.22835	.28661	2.2315	.43043	.40256	.74431

#1	.48365	.07980	2369.4	.28205	.65959	243.76	.36054	2.3954
#2	.48494	.08000	2377.0	.28320	.63910	242.29	.36259	2.4208

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 553.38	2.7501	.49750	.17680	.33840	7.688	3.4706	8.9296
Stddev	.63	.0157	.00103	.00239	.00012	.030	.0154	.2375
%RSD	.11459	.57138	.20716	1.3491	.03653	.3913	.44463	2.6600

#1	553.83	2.7612	.49823	.17849	.33831	7.667	3.4815	8.7617
#2	552.93	2.7390	.49678	.17512	.33849	7.709	3.4597	9.0976

Sample Name: J5751-03MSD Acquired: 11/12/2018 21:29:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9480
Stddev .0635
%RSD 1.2823

#1 4.9031
#2 4.9928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.6	50586.	4480.5	124.83	2691.2
Stddev	3.0	267.	20.4	3.02	.5
%RSD	.10002	.52743	.45451	2.4172	.02019

#1	2971.5	50775.	4466.1	122.69	2690.8
#2	2975.7	50397.	4494.9	126.96	2691.6

Sample Name: J5751-03A Acquired: 11/12/2018 21:33:14 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78986	1.8360	.96142	2.0152	.77212	2.0720	.28956	.22140
Stddev	.00044	.0031	.00175	.0083	.00646	.0075	.00176	.00124
%RSD	.05627	.16608	.18171	.41220	.83711	.36064	.60718	.55985
#1	.78955	1.8338	.96265	2.0093	.76755	2.0772	.28832	.22228
#2	.79017	1.8381	.96018	2.0211	.77669	2.0667	.29081	.22053
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20003	201.39	.36703	.19839	.26407	2.8303	.25545	646.82
Stddev	.00010	1.11	.00212	.00005	.00046	.0208	.00130	1.81
%RSD	.04856	.55191	.57894	.02710	.17592	.73348	.51026	.28011
#1	.19996	200.61	.36853	.19835	.26440	2.8157	.25638	645.54
#2	.20010	202.18	.36553	.19843	.26374	2.8450	.25453	648.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48078	.07999	F 2323.2	.28032	.63718	245.52	.35793	2.4505
Stddev	.00071	.00015	79.0	.00099	.00262	.69	.00050	.0247
%RSD	.14753	.18316	3.3989	.35360	.41151	.28166	.14010	1.0062
#1	.48128	.07989	2379.0	.28102	.63903	245.03	.35828	2.4331
#2	.48028	.08009	2267.3	.27962	.63532	246.01	.35757	2.4679
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 549.88	2.7218	.49534	.17865	.34278	7.635	3.4839	8.8052
Stddev	.72	.0097	.00168	.00115	.00485	.007	.0223	.3683
%RSD	.13072	.35690	.33984	.64249	1.4137	.0938	.63925	4.1823
#1	550.39	2.7150	.49415	.17784	.33936	7.630	3.4682	9.0657
#2	549.37	2.7287	.49653	.17947	.34621	7.640	3.4997	8.5448

Sample Name: J5751-03A Acquired: 11/12/2018 21:33:14 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9044
Stddev .2206
%RSD 4.4981

#1 4.7484
#2 5.0604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2995.3	50635.	4525.0	127.08	2709.0
Stddev	6.8	258.	12.6	.15	1.6
%RSD	.22679	.50919	.27880	.12010	.05750

#1	3000.1	50453.	4534.0	126.98	2710.1
#2	2990.5	50817.	4516.1	127.19	2707.9

Sample Name: J5269-10 Acquired: 11/12/2018 21:37:08 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12-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	-.00119	-.00298	.00272	-.00070	-.00043	.02703	.11128	.00009
Stddev	.00023	.00164	.00102	.00172	.00131	.01342	.00010	.00001
%RSD	19.254	55.112	37.655	245.00	301.00	49.632	.08752	9.6214

#1	-.00102	-.00182	.00199	.00051	-.00136	.01755	.11121	.00008
#2	-.00135	-.00414	.00344	-.00192	.00049	.03652	.11135	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	2.3787	.00029	-.00021	.00580	.02427	.04670	.29903
Stddev	.00003	.0027	.00012	.00022	.00036	.00478	.00020	.02394
%RSD	13.826	.11187	40.617	102.80	6.2848	19.686	.42272	8.0062

#1	-.00021	2.3805	.00021	-.00036	.00606	.02089	.04656	.31596
#2	-.00018	2.3768	.00037	-.00006	.00554	.02765	.04684	.28211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00005	260.84	-.00062	.01103	2.0242	.00015	.00949
Stddev	.00049	.00041	4.60	.00048	.00025	.1431	.00029	.00689
%RSD	68.741	895.04	1.7622	77.013	2.3100	7.0692	188.32	72.623

#1	-.00036	-.00033	257.59	-.00028	.01085	2.1254	.00036	.01437
#2	-.00105	.00024	264.09	-.00096	.01121	1.9230	-.00005	.00462

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44557	.10858	.00173	.00108	-.00049	.0152	.01200	.51244
Stddev	.10462	.00062	.00158	.00021	.00194	.0002	.00002	.13859
%RSD	23.481	.57166	91.348	19.517	395.25	1.383	.14237	27.046

#1	.51955	.10815	.00284	.00122	-.00186	.0150	.01201	.41444
#2	.37159	.10902	.00061	.00093	.00088	.0153	.01198	.61044

Sample Name: J5269-10 Acquired: 11/12/2018 21:37:08 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9322
Stddev .1563
%RSD 8.0908

#1 1.8217
#2 2.0428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.9	67137.	5130.9	149.88	3961.8
Stddev	13.8	84.	17.8	3.42	22.2
%RSD	.34957	.12443	.34704	2.2804	.56156

#1	3945.6	67196.	5143.5	152.29	3977.5
#2	3926.2	67078.	5118.3	147.46	3946.1

Sample Name: J5269-14 Acquired: 11/12/2018 21:41:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00331	.00238	.00185	-.00133	.09237	.10708	.00004
Stddev	.00009	.00052	.00029	.00055	.00044	.00611	.00048	.00002
%RSD	26.591	15.563	12.172	29.444	32.743	6.6143	.45238	47.325

#1	-.00027	-.00367	.00217	.00224	-.00102	.09669	.10743	.00005
#2	-.00039	-.00295	.00258	.00147	-.00164	.08805	.10674	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	4.6899	-.00019	.00649	.00434	3.1167	.89301	1.0212
Stddev	.00001	.0174	.00050	.00023	.00014	.0727	.00003	.0140
%RSD	2.1929	.37039	261.72	3.5857	3.1738	2.3340	.00329	1.3690

#1	-.00023	4.6776	.00016	.00632	.00424	3.0653	.89299	1.0113
#2	-.00024	4.7022	-.00055	.00665	.00443	3.1682	.89303	1.0311

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00085	332.81	-.00064	.01551	2.3099	-.00018	.01305
Stddev	.00026	.00015	4.51	.00007	.00042	.0532	.00023	.00335
%RSD	94.001	17.959	1.3561	10.331	2.7006	2.3044	125.27	25.700

#1	.00009	.00096	336.00	-.00059	.01522	2.3476	-.00002	.01068
#2	.00045	.00075	329.62	-.00068	.01581	2.2723	-.00034	.01542

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12717	.35135	.00079	.00288	.00128	-.0018	.03806	1.3149
Stddev	.00503	.00739	.00045	.00066	.00376	.0003	.00020	.0200
%RSD	3.9549	2.1037	57.019	23.042	294.19	16.96	.53002	1.5227

#1	.13073	.35658	.00047	.00335	-.00138	-.0020	.03820	1.3007
#2	.12362	.34613	.00111	.00241	.00394	-.0015	.03792	1.3290

Sample Name: J5269-14 Acquired: 11/12/2018 21:41:19 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-13-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6275
 Stddev .0087
 %RSD .33153

#1 2.6337
 #2 2.6213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.7	66708.	5185.7	149.15	3949.0
Stddev	17.7	31.	19.8	3.03	14.9
%RSD	.44989	.04655	.38161	2.0307	.37763

#1	3926.2	66730.	5171.7	151.29	3938.5
#2	3951.2	66686.	5199.7	147.01	3959.6

Sample Name: J5269-18 Acquired: 11/12/2018 21:45:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13-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	-.00186	-.00385	.00322	.00239	-.00125	.04610	.12981	.00005
Stddev	.00081	.00089	.00107	.00139	.00005	.00381	.00058	.00006
%RSD	43.850	23.128	33.282	58.058	3.8469	8.2557	.44431	115.61

#1	-.00243	-.00447	.00246	.00337	-.00121	.04340	.13022	.00009
#2	-.00128	-.00322	.00397	.00141	-.00128	.04879	.12940	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	7.8981	-.00012	-.00006	.00360	.02896	.31097	.49369
Stddev	.00004	.1242	.00011	.00012	.00015	.00150	.00137	.00554
%RSD	46.901	1.5719	93.795	187.30	4.2800	5.1796	.44152	1.1222

#1	-.00012	7.8103	-.00020	-.00015	.00371	.02790	.31000	.48977
#2	-.00006	7.9859	-.00004	.00002	.00350	.03002	.31194	.49761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00026	319.57	-.00057	.01887	1.0435	-.00039	.01064
Stddev	.00042	.00012	2.75	.00036	.00050	.0045	.00002	.00638
%RSD	223.88	47.159	.85945	63.764	2.6637	.43144	5.1828	60.002

#1	.00011	.00035	321.51	-.00031	.01852	1.0467	-.00040	.00613
#2	-.00049	.00018	317.63	-.00082	.01923	1.0403	-.00037	.01516

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08689	.22940	.00039	.00185	-.00040	.0055	.02730	.67902
Stddev	.00645	.00502	.00044	.00010	.00097	.0008	.00019	.15519
%RSD	7.4266	2.1899	112.28	5.5957	241.61	15.18	.67903	22.854

#1	.09145	.22584	.00071	.00177	.00028	.0049	.02717	.56929
#2	.08233	.23295	.00008	.00192	-.00108	.0061	.02743	.78875

Sample Name: J5269-18 Acquired: 11/12/2018 21:45:28 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-13-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6984
Stddev	.2241
%RSD	13.197

#1	1.5399
#2	1.8569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.6	66917.	5166.1	149.20	3974.4
Stddev	19.3	164.	5.6	2.14	6.3
%RSD	.48966	.24551	.10763	1.4336	.15827

#1	3926.0	67033.	5170.0	150.72	3969.9
#2	3953.2	66801.	5162.1	147.69	3978.8

Sample Name: J5269-22 Acquired: 11/12/2018 21:49:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00387	.00386	.00338	.00043	.10598	.16747	.00007
Stddev	.00042	.00001	.00009	.00047	.00018	.00442	.00009	.00002
%RSD	173.73	.30586	2.2170	13.860	42.313	4.1732	.05079	26.683

#1	.00054	-.00387	.00392	.00371	.00056	.10911	.16741	.00006
#2	-.00006	-.00388	.00380	.00305	.00030	.10286	.16753	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	5.1748	.00026	.00417	.00357	3.5015	1.2204	1.0729
Stddev	.00006	.0537	.00034	.00007	.00019	.0268	.0020	.0313
%RSD	26.570	1.0370	132.09	1.6644	5.4200	.76483	.16703	2.9199

#1	-.00017	5.1368	.00050	.00412	.00371	3.5205	1.2218	1.0508
#2	-.00025	5.2127	.00002	.00422	.00343	3.4826	1.2189	1.0951

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00023	351.28	.00003	.01548	1.9679	-.00014	.01560
Stddev	.00031	.00019	.46	.00023	.00022	.0047	.00007	.00046
%RSD	27.130	81.420	.13172	893.12	1.4018	.23962	48.236	2.9222

#1	.00092	.00036	350.95	-.00014	.01563	1.9646	-.00009	.01528
#2	.00135	.00010	351.60	.00019	.01532	1.9713	-.00019	.01592

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09385	.38006	.00113	.00256	-.00146	.0002	.04988	.77134
Stddev	.00208	.00120	.00105	.00057	.00229	.0007	.00042	.15895
%RSD	2.2131	.31703	93.081	22.251	156.36	333.0	.83651	20.607

#1	.09238	.38091	.00039	.00296	-.00308	-.0003	.04958	.88374
#2	.09532	.37920	.00187	.00216	.00015	.0007	.05017	.65895

Sample Name: J5269-22 Acquired: 11/12/2018 21:49:38 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-14 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.3853
Stddev	.0995
%RSD	4.1702

#1	2.4556
#2	2.3150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3945.3	66806.	5173.8	151.70	3954.3
Stddev	6.9	9.	16.8	2.47	1.0
%RSD	.17405	.01406	.32553	1.6314	.02584

#1	3950.1	66812.	5161.9	149.95	3953.6
#2	3940.4	66799.	5185.7	153.45	3955.1

Sample Name: J5766-02 Acquired: 11/12/2018 21:53:49 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00350	.00277	-.00045	-.00198	.10226	.11935	.00029
Stddev	.00101	.00037	.00038	.00253	.00144	.00261	.00120	.00001
%RSD	488.95	10.652	13.780	568.71	72.793	2.5561	1.0062	4.6515

#1	.00092	-.00324	.00304	-.00224	-.00096	.10411	.11850	.00028
#2	-.00051	-.00377	.00250	.00135	-.00300	.10042	.12020	.00030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	11.734	-.00001	.01015	.00370	1.2968	.75114	1.7872
Stddev	.00000	.028	.00015	.00041	.00041	.0105	.00055	.0154
%RSD	1.7827	.23597	1389.9	4.0618	11.012	.80787	.07384	.86214

#1	-.00016	11.714	.00010	.01044	.00341	1.2894	.75075	1.7981
#2	-.00017	11.754	-.00012	.00986	.00399	1.3042	.75154	1.7763

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00012	247.90	-.00042	.01913	.91936	-.00018	.00866
Stddev	.00015	.00023	.77	.00015	.00025	.04227	.00004	.00443
%RSD	108.39	192.64	.31055	35.044	1.3285	4.5982	21.210	51.190

#1	.00025	.00028	247.36	-.00032	.01895	.94925	-.00015	.01179
#2	.00003	-.00004	248.45	-.00052	.01931	.88947	-.00021	.00552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58738	.38581	-.00071	.00042	-.00200	-.0004	.03781	.07599
Stddev	.00250	.00138	.00117	.00040	.00048	.0013	.00011	.27283
%RSD	.42500	.35699	164.21	95.357	24.082	317.0	.28271	359.01

#1	.58914	.38483	.00011	.00069	-.00166	-.0013	.03774	.26891
#2	.58561	.38678	-.00154	.00014	-.00234	.0005	.03789	-.11693

Sample Name: J5766-02 Acquired: 11/12/2018 21:53:49 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7753
Stddev .4743
%RSD 26.714

#1 2.1107
#2 1.4400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4033.8	68710.	5277.8	151.05	4034.6
Stddev	6.4	261.	8.1	1.04	3.2
%RSD	.15987	.38054	.15377	.69051	.07955

#1	4029.2	68525.	5283.5	151.78	4032.3
#2	4038.4	68894.	5272.0	150.31	4036.8

Sample Name: J5766-02DUP Acquired: 11/12/2018 21:57:59 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00448	.00300	.00179	-.00080	.09766	.11755	.00034
Stddev	.00114	.00092	.00097	.00200	.00144	.00517	.00076	.00008
%RSD	67.798	20.640	32.182	111.49	179.87	5.2912	.64860	24.627

#1	-.00088	-.00383	.00232	.00038	.00022	.09401	.11701	.00039
#2	-.00249	-.00513	.00369	.00321	-.00182	.10132	.11809	.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	11.650	-.00034	.01011	.00371	1.2765	.74751	1.7906
Stddev	.00004	.021	.00081	.00001	.00022	.0147	.00439	.0397
%RSD	17.951	.18009	242.13	.07535	6.0437	1.1474	.58741	2.2175

#1	-.00024	11.665	.00024	.01012	.00387	1.2661	.74440	1.7626
#2	-.00018	11.635	-.00091	.01011	.00356	1.2868	.75061	1.8187

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00024	251.83	-.00043	.01918	.90013	-.00014	.00941
Stddev	.00009	.00025	.62	.00010	.00005	.01322	.00012	.00175
%RSD	44.934	104.21	.24701	24.489	.24162	1.4683	86.538	18.561

#1	.00013	.00042	252.27	-.00035	.01922	.90947	-.00005	.01065
#2	.00025	.00006	251.39	-.00050	.01915	.89078	-.00022	.00818

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57976	.38054	-.00008	.00186	-.00293	-.0003	.03732	<.00000
Stddev	.00309	.00030	.00029	.00065	.00110	.0015	.00009	.10991
%RSD	.53302	.07840	362.31	35.196	37.437	427.4	.23183	3566.8

#1	.58195	.38033	-.00028	.00140	-.00371	.0007	.03726	-.08080
#2	.57758	.38076	.00012	.00232	-.00215	-.0014	.03738	.07464

Sample Name: J5766-02DUP Acquired: 11/12/2018 21:57:59 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4217
Stddev	.1831
%RSD	7.5593

#1	2.5512
#2	2.2923

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4042.8	68677.	5271.8	150.94	4050.8
Stddev	10.0	265.	19.1	.27	12.8
%RSD	.24676	.38637	.36227	.17568	.31662

#1	4035.8	68865.	5285.3	151.13	4041.7
#2	4049.9	68489.	5258.3	150.75	4059.9

Sample Name: CCV09 Acquired: 11/12/2018 22:02:08 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6809	5.4079	5.2109	4.8041	4.7153	9.5701	9.8334	.24696
Stddev	.0116	.0141	.0026	.0096	.0012	.0772	.0065	.00063
%RSD	.24730	.26158	.04969	.19984	.02506	.80627	.06617	.25688
#1	4.6890	5.4179	5.2091	4.8109	4.7144	9.6247	9.8380	.24741
#2	4.6727	5.3979	5.2128	4.7973	4.7161	9.5156	9.8288	.24651
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6557	24.852	1.0240	2.6197	1.1828	5.3338	2.5236	24.772
Stddev	.0006	.067	.0073	.0015	.0035	.0188	.0078	.107
%RSD	.02461	.26971	.71798	.05619	.29457	.35296	.30913	.43286
#1	2.6553	24.899	1.0292	2.6187	1.1853	5.3471	2.5291	24.696
#2	2.6562	24.805	1.0188	2.6207	1.1804	5.3205	2.5181	24.848
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6116	1.2268	24.503	2.4975	2.6535	25.132	4.7613	5.1232
Stddev	.0029	.0062	.099	.0045	.0195	.082	.0058	.0389
%RSD	.11259	.50390	.40385	.18111	.73651	.32758	.12264	.75953
#1	2.6095	1.2312	24.433	2.5007	2.6673	25.074	4.7572	5.0957
#2	2.6137	1.2225	24.573	2.4943	2.6397	25.190	4.7655	5.1507
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0824	4.9978	5.2692	4.9074	4.9444	5.283	4.9209	F .13019
Stddev	.0170	.0025	.0061	.0225	.0020	.005	.0025	.22034
%RSD	.33546	.05082	.11604	.45786	.04135	.0922	.05083	169.25
#1	5.0945	4.9960	5.2649	4.8915	4.9430	5.286	4.9227	.28600
#2	5.0704	4.9996	5.2736	4.9233	4.9459	5.279	4.9191	-.02561

Sample Name: CCV09 Acquired: 11/12/2018 22:02:08 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14178 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9569
Stddev	.5107
%RSD	17.271

#1	3.3180
#2	2.5958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.5	68597.	5181.9	145.94	4064.2
Stddev	.4	400.	3.4	.97	1.4
%RSD	.01095	.58315	.06498	.66808	.03390

#1	4050.8	68314.	5179.5	145.25	4065.2
#2	4050.2	68879.	5184.3	146.63	4063.3

Sample Name: CCB09 Acquired: 11/12/2018 22:05:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00028	.00103	.00096	-.00033	.01183	.00090
Stddev	.00059	.00019	.00022	.00025	.00019	.00047	.00039
%RSD	2750.1	69.816	21.201	25.609	56.267	4.0011	43.135

#1	.00039	-.00041	.00088	.00114	-.00020	.01217	.00062
#2	-.00044	-.00014	.00119	.00079	-.00046	.01150	.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00005	-.01320	-.00008	-.00012	-.00033	.01286
Stddev	.00008	.00004	.00574	.00032	.00011	.00019	.00428
%RSD	274.88	84.293	43.505	388.89	92.787	57.786	33.265

#1	-.00009	-.00002	-.00914	.00014	-.00004	-.00020	.00983
#2	.00003	-.00008	-.01726	-.00031	-.00020	-.00047	.01588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01385	-.00120	.00030	F .71190	-.00032	-.00026
Stddev	.00008	.00303	.00007	.00050	.00746	.00019	.00000
%RSD	438.80	21.864	5.4791	168.72	1.0486	58.402	1.6794

#1	-.00007	-.01171	-.00116	.00065	.70662	-.00046	-.00026
#2	.00004	-.01600	-.00125	-.00006	.71718	-.00019	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19790	.00006	.00839	-.00315	-.00467	-.00079	.00078
Stddev	.02428	.00003	.00105	.00272	.00104	.00048	.00012
%RSD	12.271	43.675	12.551	86.519	22.242	60.421	14.998

#1	.21508	.00008	.00764	-.00507	-.00394	-.00045	.00087
#2	.18073	.00004	.00913	-.00122	-.00541	-.00112	.00070

Sample Name: CCB09 Acquired: 11/12/2018 22:05:52 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14178 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00961	-0.0032	0.00000	F<0.00000	F 0.60802
Stddev	0.00110	0.0004	0.00013	0.26552	0.12761
%RSD	11.467	11.66	7561.5	8.9972	20.988

#1	-0.01039	-0.0029	0.00009	-3.1389	0.51778
#2	-0.00883	-0.0034	-0.00009	-2.7634	0.69825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.6	72925.	5276.9	157.73	4769.8
Stddev	1.2	172.	40.5	1.39	4.5
%RSD	0.02796	0.23578	0.76673	0.88169	0.09430

#1	4290.8	73046.	5248.3	158.71	4766.6
#2	4292.5	72803.	5305.5	156.74	4773.0

Sample Name: J5766-02LX5 Acquired: 11/12/2018 22:09:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	-.00126	.00252	-.00028	-.00018	.01849	.02540	.00004
Stddev	.00031	.00121	.00042	.00198	.00100	.00240	.00014	.00009
%RSD	81.531	96.466	16.649	713.84	556.20	13.003	.54050	231.47

#1	-.00016	-.00212	.00222	.00112	-.00088	.01679	.02550	.00010
#2	-.00059	-.00040	.00281	-.00168	.00052	.02019	.02530	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	2.4748	-.00035	.00204	.00010	.28587	.16150	.38673
Stddev	.00001	.0069	.00046	.00003	.00041	.00888	.00000	.01356
%RSD	9.4672	.27801	130.85	1.3482	394.15	3.1075	.00229	3.5056

#1	-.00011	2.4797	-.00067	.00202	-.00019	.27959	.16149	.39631
#2	-.00012	2.4700	-.00003	.00206	.00039	.29215	.16150	.37714

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.00026	54.581	-.00040	.00391	.59698	.00006	.00592
Stddev	.00052	.00053	.177	.00049	.00006	.04573	.00008	.00831
%RSD	25.977	205.83	.32521	120.66	1.4576	7.6601	136.67	140.28

#1	-.00237	.00063	54.456	-.00006	.00387	.62931	.00011	.01180
#2	-.00164	-.00012	54.707	-.00075	.00395	.56464	.00000	.00005

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11546	.08534	.00055	.00208	-.00061	-.0037	.00799	<.00000
Stddev	.00111	.00234	.00079	.00108	.00147	.0005	.00008	.33942
%RSD	.95854	2.7429	143.40	51.807	241.48	12.97	1.0165	45.484

#1	.11468	.08699	.00110	.00284	-.00165	-.0041	.00794	-.50624
#2	.11625	.08368	-.00001	.00132	.00043	-.0034	.00805	-.98625

Sample Name: J5766-02LX5 Acquired: 11/12/2018 22:09:57 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .86133
 Stddev .61450
 %RSD 71.343

#1 .42681
 #2 1.2958

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.0	69515.	5210.5	152.03	4304.1
Stddev	5.5	362.	6.5	.32	2.4
%RSD	.13351	.52128	.12466	.20734	.05687

#1	4120.1	69258.	5206.0	152.25	4302.3
#2	4127.9	69771.	5215.1	151.80	4305.8

Sample Name: J5766-02MS Acquired: 11/12/2018 22:14:01 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 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	.72918	2.0239	.99568	1.8850	.72183	2.0042	.32526	.19038	.20784
Stddev	.00023	.0096	.00250	.0067	.00269	.0159	.00027	.00034	.00093
%RSD	.03116	.47241	.25100	.35629	.37273	.79223	.08403	.17638	.44749

#1	.72902	2.0172	.99392	1.8802	.71992	1.9929	.32506	.19014	.20718
#2	.72934	2.0307	.99745	1.8897	.72373	2.0154	.32545	.19061	.20849

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.599	.41061	.21864	.27667	4.6269	1.0001	3.8264	.51685	.06824
Stddev	.044	.00240	.00051	.00038	.0622	.0029	.0051	.00265	.00051
%RSD	.32212	.58437	.23300	.13756	1.3440	.29240	.13230	.51210	.74120

#1	13.568	.40891	.21828	.27640	4.5829	.99803	3.8228	.51498	.06788
#2	13.630	.41230	.21900	.27694	4.6709	1.0022	3.8300	.51873	.06860

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	270.35	.30414	.22705	10.727	.38960	.32063	.59835	1.2944	.72440
Stddev	2.60	.00050	.00213	.045	.00143	.00729	.00759	.0005	.00430
%RSD	.96176	.16303	.93743	.42146	.36830	2.2745	1.2685	.04021	.59399

#1	272.19	.30379	.22555	10.695	.38858	.32579	.59298	1.2940	.72135
#2	268.51	.30449	.22856	10.759	.39061	.31548	.60372	1.2948	.72744

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19859	.20004	6.252	.23222	.43914	1.5666
Stddev	.00057	.00106	.027	.00050	.23683	.1464
%RSD	.28506	.53019	.4327	.21550	53.931	9.3417

#1	.19899	.19929	6.233	.23186	.27167	1.6701
#2	.19819	.20079	6.272	.23257	.60661	1.4632

Sample Name: J5766-02MS Acquired: 11/12/2018 22:14:01 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 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	4037.2	68016.	5252.8	148.35	4023.4
Stddev	.8	99.	2.8	.50	6.8
%RSD	.02073	.14558	.05255	.33716	.16985
#1	4036.6	68086.	5254.8	148.70	4018.5
#2	4037.8	67946.	5250.9	147.99	4028.2

Sample Name: J5766-02MSD Acquired: 11/12/2018 22:17:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72234	2.0214	.98942	1.8772	.71421	1.9879	.32624	.19027
Stddev	.00565	.0099	.00355	.0093	.00258	.0250	.00149	.00033
%RSD	.78215	.48943	.35926	.49548	.36102	1.2583	.45711	.17233

#1	.71834	2.0144	.98691	1.8706	.71238	1.9702	.32729	.19004
#2	.72633	2.0284	.99193	1.8838	.71603	2.0056	.32518	.19050

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20717	13.570	.40916	.21777	.27606	4.5494	.99841	3.8509
Stddev	.00093	.012	.00095	.00096	.00096	.0487	.00188	.0398
%RSD	.44939	.08775	.23167	.44266	.34912	1.0699	.18863	1.0331

#1	.20652	13.561	.40849	.21709	.27538	4.5838	.99708	3.8791
#2	.20783	13.578	.40983	.21845	.27674	4.5150	.99974	3.8228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51547	.06768	276.00	.30247	.22603	10.775	.38791	.30944
Stddev	.00331	.00078	3.47	.00013	.00439	.068	.00120	.00106
%RSD	.64177	1.1462	1.2571	.04205	1.9411	.63042	.30952	.34224

#1	.51313	.06823	278.46	.30238	.22914	10.727	.38706	.30869
#2	.51780	.06713	273.55	.30256	.22293	10.823	.38876	.31019

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59198	1.3089	.72310	.19614	.20334	6.237	.23361	<.00000
Stddev	.00414	.0147	.00425	.00283	.00303	.036	.00004	.01669
%RSD	.69920	1.1213	.58804	1.4437	1.4918	.5789	.01762	18.025

#1	.58906	1.3192	.72009	.19814	.20548	6.212	.23358	-.08081
#2	.59491	1.2985	.72611	.19414	.20119	6.263	.23364	-.10442

Sample Name: J5766-02MSD Acquired: 11/12/2018 22:17:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-110918 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4324
Stddev	.5016
%RSD	35.018

#1	1.0777
#2	1.7871

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4070.7	68509.	5182.7	149.14	4050.2
Stddev	6.5	48.	51.7	2.89	7.1
%RSD	.15999	.07059	.99846	1.9362	.17579

#1	4075.3	68543.	5146.1	147.09	4055.2
#2	4066.1	68475.	5219.3	151.18	4045.1

Sample Name: J5766-02A Acquired: 11/12/2018 22:21:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114720BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72444	2.0207	.99002	1.8766	.71426	1.9989	.32434	.18986
Stddev	.00237	.0045	.00221	.0001	.00124	.0061	.00088	.00012
%RSD	.32675	.22350	.22333	.00564	.17340	.30675	.27185	.06409

#1	.72611	2.0175	.98846	1.8765	.71338	2.0032	.32496	.18978
#2	.72277	2.0239	.99158	1.8767	.71514	1.9945	.32372	.18995

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20750	13.459	.40927	.21838	.27605	4.4576	.99836	3.7724
Stddev	.00069	.007	.00081	.00021	.00023	.1052	.00322	.0715
%RSD	.33356	.05307	.19688	.09677	.08330	2.3593	.32276	1.8950

#1	.20701	13.464	.40984	.21853	.27588	4.5320	1.0006	3.7218
#2	.20799	13.454	.40870	.21823	.27621	4.3832	.99608	3.8229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51506	.06773	268.96	.30260	.21982	10.631	.38882	.31314
Stddev	.00008	.00045	1.13	.00110	.00674	.004	.00015	.00144
%RSD	.01589	.65792	.42068	.36240	3.0674	.03480	.03752	.45963

#1	.51501	.06805	269.76	.30338	.22459	10.628	.38872	.31213
#2	.51512	.06742	268.16	.30183	.21505	10.634	.38892	.31416

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59666	1.2838	.72351	.19615	.19878	6.240	.23145	<.00000
Stddev	.00415	.0091	.00016	.00094	.00257	.002	.00053	.21138
%RSD	.69501	.71156	.02257	.47767	1.2920	.0344	.22805	170.58

#1	.59959	1.2902	.72339	.19681	.20059	6.239	.23183	.02555
#2	.59372	1.2773	.72362	.19549	.19696	6.242	.23108	-.27339

Sample Name: J5766-02A Acquired: 11/12/2018 22:21:52 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114720BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8534
Stddev	.1102
%RSD	5.9440

#1	1.9313
#2	1.7755

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.4	68469.	5278.2	153.47	4042.5
Stddev	14.8	201.	44.8	5.32	11.8
%RSD	.36479	.29321	.84814	3.4634	.29143

#1	4052.9	68327.	5246.6	149.71	4034.2
#2	4073.9	68611.	5309.9	157.22	4050.8

Sample Name: J5887-04 Acquired: 11/12/2018 22:25:48 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.00306	.00386	.00197	-.00097	.18144	.06619	.00004
Stddev	.00121	.00053	.00034	.00021	.00130	.00619	.00032	.00003
%RSD	41.437	17.347	8.8048	10.862	133.60	3.4131	.47918	97.160

#1	-.00378	-.00269	.00410	.00212	-.00189	.17706	.06597	.00001
#2	-.00207	-.00344	.00362	.00182	-.00005	.18581	.06641	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	7.9440	.00051	.00001	.00146	.03176	.02769	.27706
Stddev	.00008	.0412	.00001	.00015	.00042	.00366	.00003	.01521
%RSD	64.744	.51855	1.7759	1421.0	28.678	11.520	.12610	5.4898

#1	-.00006	7.9149	.00050	.00011	.00175	.03435	.02766	.28781
#2	-.00017	7.9731	.00051	-.00009	.00116	.02917	.02771	.26630

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	-.00012	259.99	.00014	.01166	.91726	-.00009	.01085
Stddev	.00013	.00057	1.37	.00006	.00003	.01438	.00003	.00295
%RSD	26.431	478.87	.52801	41.525	.25908	1.5680	39.608	27.171

#1	-.00061	.00028	259.02	.00010	.01168	.92743	-.00006	.00876
#2	-.00041	-.00052	260.96	.00019	.01164	.90709	-.00011	.01293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18370	.87596	.00061	.00241	.00031	-.0002	.04966	<.00000
Stddev	.00368	.00309	.00050	.00097	.00015	.0003	.00001	.12176
%RSD	2.0046	.35302	81.870	40.319	48.831	145.3	.02278	67.923

#1	.18110	.87814	.00096	.00173	.00020	-.0005	.04965	-.09316
#2	.18631	.87377	.00026	.00310	.00041	.0000	.04966	-.26535

Sample Name: J5887-04 Acquired: 11/12/2018 22:25:48 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-1-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5915
Stddev	.0297
%RSD	1.8671

#1	1.5705
#2	1.6125

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4032.6	67752.	5236.1	152.02	4094.2
Stddev	9.3	62.	7.3	.15	2.4
%RSD	.22946	.09141	.13897	.09690	.05824

#1	4039.1	67795.	5230.9	152.13	4092.5
#2	4026.0	67708.	5241.2	151.92	4095.8

Sample Name: J5887-08 Acquired: 11/12/2018 22:29:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-1-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	.00045	-.00452	.00559	.00049	-.00120	.23072	.22349	.00058
Stddev	.00135	.00085	.00058	.00015	.00041	.00930	.00085	.00005
%RSD	299.54	18.716	10.439	31.056	34.331	4.0291	.38153	9.1279

#1	-.00050	-.00392	.00600	.00060	-.00091	.23730	.22409	.00054
#2	.00140	-.00511	.00518	.00038	-.00149	.22415	.22288	.00061

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	28.188	.00468	.00180	.00468	.05309	.67389	.81549
Stddev	.00003	.066	.00012	.00030	.00007	.00569	.00007	.00074
%RSD	36.434	.23524	2.6110	16.415	1.3894	10.714	.00971	.09038

#1	-.00006	28.235	.00477	.00159	.00464	.04907	.67393	.81497
#2	-.00011	28.141	.00460	.00201	.00473	.05711	.67384	.81602

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00008	245.73	-.00051	.01348	1.1623	-.00005	.00586
Stddev	.00025	.00015	.01	.00014	.00006	.0084	.00005	.00058
%RSD	13.229	199.18	.00518	27.285	.46770	.71908	96.367	9.8851

#1	.00170	-.00019	245.72	-.00060	.01344	1.1683	-.00008	.00627
#2	.00205	.00003	245.73	-.00041	.01353	1.1564	-.00002	.00545

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25687	.49617	.00098	-.00028	-.00153	-.0051	.06100	<.00000
Stddev	.00258	.00573	.00171	.00053	.00036	.0012	.00024	.36359
%RSD	1.0061	1.1544	173.58	185.09	23.423	23.15	.39768	10.842

#1	.25869	.50022	.00219	.00009	-.00128	-.0043	.06117	-3.0964
#2	.25504	.49212	-.00022	-.00066	-.00178	-.0060	.06082	-3.6106

Sample Name: J5887-08 Acquired: 11/12/2018 22:29:57 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3106
 Stddev .3385
 %RSD 14.650

#1 2.0712
 #2 2.5499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4431.5	74493.	5793.4	151.16	4034.1
Stddev	14.4	56.	12.1	.03	4.0
%RSD	.32492	.07452	.20871	.01949	.09961

#1	4421.3	74453.	5784.9	151.18	4031.2
#2	4441.7	74532.	5802.0	151.14	4036.9

Sample Name: J5887-12 Acquired: 11/12/2018 22:34:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	-.00180	-.00469	.01285	.00050	-.00141	.24997	.10474	.00006
Stddev	.00006	.00178	.00136	.00175	.00030	.00789	.00013	.00004
%RSD	3.3423	38.002	10.566	350.68	21.008	3.1546	.12780	78.792

#1	-.00176	-.00595	.01189	.00174	-.00120	.24439	.10465	.00009
#2	-.00185	-.00343	.01381	-.00074	-.00162	.25555	.10484	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	21.810	.00039	.00014	.00348	.00916	.05178	.94675
Stddev	.00007	.097	.00018	.00007	.00009	.00035	.00037	.03147
%RSD	214.27	.44330	45.894	51.441	2.6516	3.7812	.71761	3.3245

#1	.00002	21.742	.00027	.00019	.00342	.00892	.05152	.92449
#2	-.00008	21.878	.00052	.00009	.00355	.00941	.05204	.96900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.00010	295.11	-.00031	.01748	1.2268	-.00004	.01229
Stddev	.00016	.00037	.66	.00006	.00010	.0084	.00018	.01139
%RSD	9.0759	355.49	.22309	19.422	.59100	.68210	465.56	92.644

#1	-.00186	-.00016	295.58	-.00027	.01741	1.2208	.00009	.02035
#2	-.00164	.00037	294.64	-.00035	.01755	1.2327	-.00016	.00424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67710	2.1312	.00129	.00280	.00020	.0020	.13086	<.00000
Stddev	.00301	.0187	.00028	.00122	.00046	.0001	.00067	.00859
%RSD	.44406	.87703	22.044	43.406	230.08	2.779	.51452	4.4606

#1	.67923	2.1180	.00109	.00366	.00053	.0019	.13039	-.18651
#2	.67498	2.1444	.00149	.00194	-.00013	.0020	.13134	-.19866

Sample Name: J5887-12 Acquired: 11/12/2018 22:34:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9858
Stddev .5150
%RSD 25.935

#1 1.6216
#2 2.3500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.8	67194.	5219.5	150.47	4037.4
Stddev	27.1	7.	.3	.35	13.9
%RSD	.67956	.01109	.00616	.23105	.34546

#1	3962.7	67189.	5219.3	150.72	4027.5
#2	4001.0	67199.	5219.7	150.23	4047.2

Sample Name: J5887-16 Acquired: 11/12/2018 22:38:15 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00479	.00309	.00345	-.00092	.08508	.08153	.00000
Stddev	.00012	.00078	.00060	.00209	.00043	.01822	.00019	.00000
%RSD	7.5539	16.202	19.554	60.547	47.064	21.411	.22852	29.589

#1	-.00152	-.00534	.00352	.00197	-.00123	.09796	.08166	.00001
#2	-.00170	-.00425	.00267	.00493	-.00062	.07220	.08140	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	28.623	-.00046	.01629	.01503	.03490	1.4582	3.8467
Stddev	.00002	.075	.00004	.00029	.00051	.00001	.0015	.0066
%RSD	9.7889	.26366	9.3716	1.7838	3.4127	.03228	.10471	.17232

#1	-.00019	28.570	-.00043	.01608	.01466	.03490	1.4571	3.8420
#2	-.00017	28.677	-.00049	.01650	.01539	.03491	1.4593	3.8514

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.00015	292.80	-.00028	.01717	1.0130	-.00024	.02949
Stddev	.00005	.00024	1.81	.00003	.00007	.0099	.00003	.00264
%RSD	.64982	162.63	.61747	9.8360	.42878	.98080	10.488	8.9600

#1	.00730	-.00002	294.08	-.00030	.01722	1.0060	-.00026	.03136
#2	.00724	.00031	291.52	-.00026	.01712	1.0201	-.00022	.02762

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18667	.96797	.00066	.00214	.00122	.0014	.08709	.05518
Stddev	.00201	.01157	.00021	.00120	.00149	.0000	.00018	.19774
%RSD	1.0764	1.1948	32.021	56.238	122.15	.8644	.20678	358.34

#1	.18525	.97615	.00081	.00298	.00017	.0014	.08696	.19501
#2	.18809	.95979	.00051	.00129	.00227	.0014	.08722	-.08464

Sample Name: J5887-16 Acquired: 11/12/2018 22:38:15 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-3-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6313
 Stddev .4101
 %RSD 15.584

#1 2.9213
 #2 2.3414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4004.7	67458.	5215.9	149.50	4015.6
Stddev	10.1	166.	55.1	1.95	11.8
%RSD	.25308	.24561	1.0563	1.3046	.29493

#1	3997.5	67341.	5177.0	148.13	4007.2
#2	4011.8	67575.	5254.9	150.88	4023.9

Sample Name: J5888-01 Acquired: 11/12/2018 22:42:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HG-CON-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	.00065	-.00452	.00638	.00057	-.00147	-.01443	.08369	-.00004
Stddev	.00039	.00055	.00028	.00132	.00071	.00299	.00029	.00001
%RSD	59.553	12.226	4.4464	232.53	47.965	20.705	.34923	37.453

#1	.00038	-.00491	.00618	.00150	-.00097	-.01231	.08389	-.00003
#2	.00093	-.00413	.00659	-.00037	-.00197	-.01654	.08348	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	187.73	.00008	.00004	-.00048	-.03183	.12973	4.3468
Stddev	.00004	.45	.00019	.00010	.00041	.00661	.00079	.0100
%RSD	54.840	.24050	233.51	277.79	86.814	20.761	.61279	.23045

#1	-.00005	187.41	.00022	-.00003	-.00018	-.02715	.12917	4.3539
#2	-.00011	188.05	-.00005	.00010	-.00077	-.03650	.13029	4.3397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	.00037	277.63	.00290	.08564	5.7071	.00052	.05384
Stddev	.00085	.00028	1.28	.00024	.00042	.0123	.00038	.01172
%RSD	96.518	77.179	.46103	8.4194	.48505	.21474	73.416	21.773

#1	-.00028	.00056	276.73	.00272	.08593	5.6984	.00025	.04555
#2	-.00148	.00017	278.54	.00307	.08535	5.7158	.00079	.06213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6056	3.4501	-.00058	-.00156	.01445	.0642	1.0695	.86385
Stddev	.0198	.0053	.00019	.00004	.00095	.0000	.0012	.33588
%RSD	.35312	.15502	33.370	2.3022	6.5412	.0474	.10896	38.882

#1	5.5917	3.4539	-.00044	-.00158	.01512	.0642	1.0687	1.1014
#2	5.6196	3.4463	-.00071	-.00153	.01379	.0641	1.0703	.62634

Sample Name: J5888-01 Acquired: 11/12/2018 22:42:24 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HG-CON-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5940
Stddev	.0700
%RSD	2.6981

#1	2.5445
#2	2.6435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3875.6	65798.	5151.6	148.47	3914.2
Stddev	10.8	103.	4.9	1.17	5.1
%RSD	.27787	.15646	.09572	.78558	.12907

#1	3868.0	65726.	5148.1	147.65	3917.8
#2	3883.2	65871.	5155.0	149.30	3910.6

Sample Name: J5888-02 Acquired: 11/12/2018 22:46:32 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HG-CON-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	.00005	-.00430	.00509	.00156	-.00107	-.00510	.08329	.00039
Stddev	.00077	.00068	.00145	.00421	.00089	.00854	.00029	.00005
%RSD	1553.4	15.850	28.583	269.96	83.255	167.57	.34227	12.680

#1	.00059	-.00478	.00612	-.00142	-.00171	-.01114	.08309	.00036
#2	-.00050	-.00382	.00406	.00453	-.00044	.00094	.08349	.00043

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	198.86	.00099	.00057	.00044	-.01856	.09830	5.6494
Stddev	.00002	1.22	.00011	.00010	.00020	.00760	.00023	.0063
%RSD	6.3283	.61341	11.084	17.911	44.245	40.952	.23199	.11175

#1	.00030	198.00	.00091	.00050	.00030	-.02393	.09813	5.6450
#2	.00033	199.73	.00107	.00064	.00058	-.01319	.09846	5.6539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	.00059	276.05	.00347	.04364	7.5941	.00304	.05875
Stddev	.00040	.00004	3.49	.00001	.00005	.0180	.00015	.01200
%RSD	43.948	6.6398	1.2650	.25660	.12146	.23722	5.0450	20.425

#1	-.00121	.00056	278.52	.00346	.04367	7.5813	.00293	.05026
#2	-.00064	.00061	273.58	.00347	.04360	7.6068	.00315	.06723

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9202	4.6007	-.00118	.00019	.01991	.0551	1.1195	.91792
Stddev	.0196	.0226	.00121	.00115	.00055	.0007	.0057	.02153
%RSD	.28318	.49155	102.30	588.38	2.7645	1.264	.51194	2.3459

#1	6.9340	4.6167	-.00033	-.00062	.01952	.0556	1.1155	.90269
#2	6.9063	4.5847	-.00204	.00101	.02030	.0546	1.1236	.93314

Sample Name: J5888-02 Acquired: 11/12/2018 22:46:32 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HG-CON-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1892
 Stddev .3443
 %RSD 10.797

#1 2.9457
 #2 3.4327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.0	65436.	5086.5	148.75	3886.3
Stddev	7.8	126.	11.4	.52	13.2
%RSD	.20082	.19254	.22434	.34638	.34057

#1	3854.5	65347.	5078.4	149.11	3877.0
#2	3865.4	65526.	5094.6	148.38	3895.7

Sample Name: CCV10 Acquired: 11/12/2018 22:50:40 Type: Unk
Method: P4-ICP2(v2564) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6109	5.3785	5.1428	4.7605	4.6504	9.4834	9.9031
Stddev	.0034	.0115	.0025	.0090	.0010	.0177	.0243
%RSD	.07270	.21457	.04942	.18892	.02217	.18668	.24582

#1	4.6085	5.3867	5.1446	4.7668	4.6511	9.4709	9.8858
#2	4.6132	5.3704	5.1410	4.7541	4.6497	9.4959	9.9203

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24736	2.6300	24.979	1.0227	2.5875	1.1661	5.2461
Stddev	.00039	.0002	.056	.0022	.0019	.0021	.0115
%RSD	.15568	.00678	.22612	.22046	.07538	.18265	.21906

#1	.24709	2.6301	25.019	1.0211	2.5861	1.1646	5.2380
#2	.24764	2.6298	24.940	1.0243	2.5889	1.1676	5.2543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5196	24.836	2.5802	1.2240	25.032	2.4979	2.6075
Stddev	.0077	.122	.0038	.0004	.060	.0032	.0047
%RSD	.30574	.49014	.14737	.02997	.24113	.12658	.18166

#1	2.5142	24.750	2.5775	1.2237	24.989	2.4957	2.6041
#2	2.5251	24.922	2.5829	1.2242	25.075	2.5002	2.6108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.172	4.7038	5.1177	5.0078	5.0584	5.2193	4.8939
Stddev	.044	.0066	.0102	.0037	.0065	.0047	.0157
%RSD	.17530	.14109	.19890	.07328	.12830	.09017	.31984

#1	25.141	4.6991	5.1249	5.0104	5.0630	5.2160	4.9050
#2	25.204	4.7085	5.1105	5.0052	5.0538	5.2226	4.8828

Sample Name: CCV10 Acquired: 11/12/2018 22:50:40 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9880	5.236	4.9362	F<.00000	F 2.0684
Stddev	.0054	.007	.0061	.17833	.3654
%RSD	.10864	.1258	.12408	64.423	17.666

#1	4.9841	5.241	4.9405	-.40292	1.8101
#2	4.9918	5.232	4.9319	-.15072	2.3268

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.5	68810.	5133.7	147.81	4100.2
Stddev	2.5	66.	8.3	.10	3.9
%RSD	.06148	.09637	.16233	.06846	.09494

#1	4092.7	68857.	5127.9	147.88	4097.4
#2	4096.2	68763.	5139.6	147.73	4103.0

Sample Name: CCB10 Acquired: 11/12/2018 22:54:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7686 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.00010	.00029	-.00029	-.00168	.00660	-.00025
Stddev	.00013	.00067	.00054	.00100	.00138	.00418	.00024
%RSD	28.702	637.71	189.86	346.07	81.950	63.300	98.654

#1	.00052	.00037	-.00010	-.00100	-.00071	.00955	-.00007
#2	.00035	-.00057	.00067	.00042	-.00266	.00364	-.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00008	-.01784	-.00012	-.00005	-.00029	.01657
Stddev	.00004	.00002	.00078	.00026	.00002	.00013	.00540
%RSD	695.31	21.156	4.3704	212.57	45.579	45.622	32.586

#1	.00004	-.00007	-.01839	-.00031	-.00006	-.00038	.02039
#2	-.00002	-.00009	-.01729	.00006	-.00003	-.00020	.01275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00402	-.00090	-.00007	F .65640	-.00037	-.00025
Stddev	.00000	.01177	.00001	.00022	.01846	.00032	.00003
%RSD	16.836	292.71	.56732	307.77	2.8119	85.489	13.121

#1	-.00001	.00430	-.00089	.00008	.64335	-.00015	-.00027
#2	-.00002	-.01234	-.00090	-.00023	.66946	-.00060	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10571	.00012	.00013	-.00604	-.00463	-.00139	.00072
Stddev	.02151	.00010	.00189	.00146	.00106	.00008	.00192
%RSD	20.349	84.646	1475.2	24.227	22.851	5.8161	268.29

#1	.09050	.00005	-.00121	-.00707	-.00538	-.00134	.00207
#2	.12092	.00019	.00146	-.00500	-.00388	-.00145	-.00064

Sample Name: CCB10 Acquired: 11/12/2018 22:54:24 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7686 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01054	-.0036	-.00001	F<.00000	F .10335
Stddev	.00109	.0002	.00006	.04354	.39870
%RSD	10.333	6.202	1095.9	1.3310	385.79

#1	-.01131	-.0034	.00004	-3.2402	.38527
#2	-.00977	-.0037	-.00005	-3.3018	-.17858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4345.0	73417.	5329.0	159.86	4812.7
Stddev	.8	3.	16.2	.93	.7
%RSD	.01917	.00346	.30374	.58241	.01392

#1	4344.4	73418.	5317.6	160.52	4812.2
#2	4345.5	73415.	5340.4	159.20	4813.2

Sample Name: J5890-01 Acquired: 11/12/2018 22:58:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-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	-.00235	-.00391	.03902	.00132	.00782	.18295	2.4998	-.00005
Stddev	.00149	.00114	.00103	.00458	.00178	.01204	.0029	.00003
%RSD	63.144	29.214	2.6318	346.87	22.827	6.5830	.11692	61.216
#1	-.00130	-.00310	.03830	-.00192	.00656	.19146	2.5019	-.00003
#2	-.00340	-.00472	.03975	.00456	.00908	.17443	2.4978	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	1.4650	.00471	.00107	.00162	.39923	.06935	.13498
Stddev	.00001	.0267	.00007	.00019	.00010	.00851	.00026	.00807
%RSD	.24824	1.8192	1.5267	18.287	6.2520	2.1308	.37561	5.9802
#1	.00227	1.4838	.00466	.00120	.00154	.39322	.06917	.14069
#2	.00227	1.4461	.00476	.00093	.00169	.40525	.06953	.12927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00058	254.77	-.00005	F 40.440	1.0543	-.00778	.17379
Stddev	.00007	.00017	1.14	.00021	.241	.0639	.00002	.00465
%RSD	5.3547	29.508	.44629	387.37	.59598	6.0623	.20057	2.6746
#1	.00118	.00046	255.58	.00010	40.270	1.0995	-.00779	.17050
#2	.00127	.00070	253.97	-.00020	40.611	1.0091	-.00777	.17707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62701	.20196	.00117	.00525	.00057	.0514	.01048	.36669
Stddev	.00401	.00264	.00042	.00181	.00027	.0006	.00005	.03657
%RSD	.64014	1.3053	35.854	34.508	47.550	1.090	.47094	9.9727
#1	.62417	.20009	.00088	.00397	.00038	.0518	.01052	.39255
#2	.62984	.20382	.00147	.00653	.00076	.0510	.01045	.34083

Sample Name: J5890-01 Acquired: 11/12/2018 22:58:30 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TOWER-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5421
Stddev	.7149
%RSD	46.358

#1	1.0366
#2	2.0476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.2	67439.	5213.2	151.13	4122.1
Stddev	21.1	216.	3.2	.79	12.5
%RSD	.52347	.32025	.06098	.52028	.30240

#1	4025.3	67286.	5215.5	151.68	4113.3
#2	4055.2	67592.	5211.0	150.57	4130.9

Sample Name: J5890-02 Acquired: 11/12/2018 23:02:45 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-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	-.00304	-.00405	.63065	.00111	.01126	.26101	3.7845	-.00009
Stddev	.00175	.00243	.00219	.00028	.00153	.00378	.0110	.00003
%RSD	57.446	60.031	.34676	25.581	13.628	1.4489	.29173	32.337

#1	-.00181	-.00233	.63220	.00131	.01235	.25834	3.7767	-.00011
#2	-.00428	-.00577	.62911	.00091	.01018	.26369	3.7923	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01391	1.2500	.00966	.00075	.01714	.23771	.04236	.10286
Stddev	.00011	.0011	.00028	.00018	.00028	.00378	.00003	.06050
%RSD	.78523	.09067	2.8892	24.171	1.6305	1.5899	.06770	58.821

#1	.01399	1.2508	.00986	.00088	.01733	.24038	.04238	.14564
#2	.01383	1.2492	.00946	.00062	.01694	.23504	.04234	.06008

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00031	345.68	.00029	F 40.480	.78278	-.00837	.38293
Stddev	.00038	.00005	1.15	.00035	.069	.02628	.00007	.01573
%RSD	30.404	15.296	.33124	120.72	.17042	3.3576	.88734	4.1074

#1	.00098	.00027	346.49	.00054	40.529	.80137	-.00831	.37181
#2	.00152	.00034	344.87	.00004	40.431	.76420	-.00842	.39405

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2626	.21749	.00044	.01665	.00139	.1021	.01097	.65939
Stddev	.0097	.00179	.00067	.00001	.00256	.0005	.00007	.13668
%RSD	.76828	.82300	152.97	.04029	184.14	.5290	.66624	20.729

#1	1.2695	.21875	-.00004	.01665	-.00042	.1017	.01102	.75604
#2	1.2558	.21622	.00092	.01666	.00320	.1025	.01092	.56274

Sample Name: J5890-02 Acquired: 11/12/2018 23:02:45 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5820
Stddev	.1575
%RSD	9.9584

#1	1.4706
#2	1.6934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.4	66965.	5170.5	151.92	4070.9
Stddev	9.9	140.	5.5	.04	15.6
%RSD	.24620	.20930	.10654	.02324	.38335

#1	4009.5	66865.	5166.6	151.89	4059.8
#2	4023.4	67064.	5174.4	151.94	4081.9

Sample Name: J5890-03 Acquired: 11/12/2018 23:06:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-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	-.00282	-.00364	.35939	.00221	.00766	.12541	1.1975	-.00005
Stddev	.00199	.00236	.00140	.00142	.00092	.00685	.0021	.00005
%RSD	70.493	64.910	.38962	64.467	12.070	5.4618	.17778	89.641
#1	-.00141	-.00531	.35840	.00321	.00832	.13026	1.1960	-.00002
#2	-.00423	-.00197	.36038	.00120	.00701	.12057	1.1990	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00993	5.5669	.00761	.00073	.00832	.12030	.03939	.10839
Stddev	.00011	.0144	.00030	.00010	.00027	.01051	.00012	.02359
%RSD	1.1378	.25834	3.9924	13.858	3.2547	8.7385	.31370	21.763
#1	.00985	5.5771	.00783	.00080	.00851	.11287	.03948	.09171
#2	.01001	5.5567	.00740	.00066	.00813	.12774	.03931	.12507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00007	259.48	-.00008	F 36.155	.62392	-.00652	.10962
Stddev	.00019	.00002	2.53	.00007	.316	.00842	.00018	.00516
%RSD	262.85	34.258	.97669	84.629	.87271	1.3496	2.6946	4.7066
#1	.00021	-.00008	257.69	-.00003	35.931	.62987	-.00665	.10597
#2	-.00006	-.00005	261.27	-.00013	36.378	.61796	-.00640	.11327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68679	.12135	.00033	.00352	-.00084	.1293	.00792	<.00000
Stddev	.00331	.00351	.00012	.00111	.00113	.0006	.00009	.54748
%RSD	.48146	2.8908	36.729	31.485	134.73	.4835	1.1161	220.07
#1	.68913	.11887	.00042	.00430	-.00164	.1297	.00785	.13836
#2	.68445	.12383	.00025	.00273	-.00004	.1288	.00798	-.63590

Sample Name: J5890-03 Acquired: 11/12/2018 23:06:58 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TOWER-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6663
Stddev	.4671
%RSD	28.032

#1	1.9966
#2	1.3360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.4	68113.	5221.5	153.07	4115.3
Stddev	10.5	296.	25.9	.98	1.3
%RSD	.25992	.43451	.49660	.64020	.03064

#1	4048.0	67904.	5239.8	153.76	4114.4
#2	4062.9	68323.	5203.2	152.38	4116.2

Sample Name: J5892-02 Acquired: 11/12/2018 23:11:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PN-STONE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00424	.00271	.00184	-.00066	.17953	.03393	.00001
Stddev	.00052	.00005	.00044	.00003	.00106	.00901	.00012	.00002
%RSD	33.295	1.2787	16.165	1.6200	160.88	5.0197	.36033	256.11

#1	-.00192	-.00427	.00302	.00187	-.00141	.17316	.03402	.00002
#2	-.00119	-.00420	.00240	.00182	.00009	.18590	.03385	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	1.7860	.00087	.00035	.00266	.40891	.03217	.27391
Stddev	.00001	.0171	.00030	.00017	.00011	.00621	.00016	.01413
%RSD	15.229	.95771	34.758	48.011	4.2869	1.5176	.49116	5.1576

#1	-.00007	1.7981	.00109	.00023	.00258	.40452	.03228	.26392
#2	-.00009	1.7739	.00066	.00047	.00274	.41329	.03206	.28390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00022	298.18	-.00029	.02335	.73937	-.00009	.00861
Stddev	.00048	.00030	3.39	.00015	.00023	.00698	.00017	.00351
%RSD	121.34	137.32	1.1366	52.722	.99572	.94461	184.47	40.838

#1	-.00073	.00001	300.58	-.00039	.02351	.73443	.00003	.01109
#2	-.00006	.00044	295.78	-.00018	.02318	.74431	-.00022	.00612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03987	.43270	.00119	.00418	.00085	.0102	.00698	<.00000
Stddev	.00060	.00205	.00024	.00193	.00026	.0006	.00014	.04213
%RSD	1.5156	.47406	20.306	46.251	31.055	6.341	2.0619	9.2512

#1	.03944	.43415	.00136	.00555	.00104	.0098	.00708	-.48522
#2	.04029	.43125	.00102	.00281	.00067	.0107	.00688	-.42564

Sample Name: J5892-02 Acquired: 11/12/2018 23:11:13 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PN-STONE Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9233
 Stddev .2287
 %RSD 11.890

#1 2.0850
 #2 1.7616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.8	67429.	5227.2	152.38	4074.0
Stddev	6.2	168.	29.5	.14	4.9
%RSD	.15319	.24857	.56416	.09281	.12126

#1	4040.4	67548.	5206.3	152.48	4070.5
#2	4049.2	67311.	5248.0	152.28	4077.5

Sample Name: J5892-03 Acquired: 11/12/2018 23:15:23 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PN-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	-.00594	.00428	-.00046	-.00443	-.01214	.22843	-.00006
Stddev	.00124	.00075	.00008	.00014	.00072	.00250	.00077	.00003
%RSD	72.138	12.611	1.8385	29.619	16.167	20.626	.33897	49.619

#1	-.00084	-.00541	.00422	-.00056	-.00494	-.01391	.22898	-.00008
#2	-.00259	-.00647	.00433	-.00036	-.00393	-.01037	.22789	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	245.58	.09528	-.00035	.00025	-.03540	.00016	.01981
Stddev	.00000	1.00	.00096	.00019	.00014	.00959	.00002	.03332
%RSD	1.1785	.40593	1.0067	53.713	55.431	27.077	10.897	168.16

#1	-.00024	246.29	.09596	-.00048	.00015	-.02863	.00018	.04337
#2	-.00024	244.88	.09460	-.00022	.00035	-.04218	.00015	-.00375

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00471	-.00003	284.29	-.00052	.02069	12.878	.02139	.00505
Stddev	.00010	.00014	1.36	.00015	.00012	.064	.00012	.00663
%RSD	2.0928	561.27	.47995	28.763	.56964	.49666	.58210	131.35

#1	-.00478	-.00013	285.25	-.00062	.02077	12.923	.02130	.00973
#2	-.00464	.00008	283.32	-.00041	.02060	12.833	.02148	.00036

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81308	.13818	.00010	-.00383	.01014	-.0062	1.0997	.96273
Stddev	.00808	.00253	.00059	.00148	.00007	.0013	.0057	.31536
%RSD	.99325	1.8326	610.84	38.689	.67440	21.01	.52036	32.757

#1	.80737	.13997	.00051	-.00278	.01019	-.0071	1.1037	1.1857
#2	.81879	.13639	-.00032	-.00488	.01009	-.0053	1.0957	.73973

Sample Name: J5892-03 Acquired: 11/12/2018 23:15:23 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PN-CONCRETE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5071
Stddev	.1708
%RSD	4.8690

#1	3.3863
#2	3.6278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.2	65222.	5145.4	148.92	3859.3
Stddev	17.2	289.	52.5	1.31	8.8
%RSD	.44457	.44252	1.0209	.88134	.22827

#1	3851.1	65018.	5108.2	147.99	3853.1
#2	3875.4	65426.	5182.5	149.85	3865.5

Sample Name: J5894-05 Acquired: 11/12/2018 23:19:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2456 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00310	.00711	.00041	.00151	.11064	.13107	-.00002
Stddev	.00086	.00143	.00019	.00053	.00051	.01038	.00014	.00005
%RSD	3674.4	46.059	2.7382	128.94	33.400	9.3850	.10734	264.66

#1	.00058	-.00209	.00697	.00004	.00187	.11798	.13117	.00002
#2	-.00063	-.00411	.00725	.00078	.00116	.10330	.13097	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	9.2883	.00070	.00308	.00110	5.1762	.07079	4.0401
Stddev	.00011	.0108	.00024	.00001	.00025	.0246	.00015	.0019
%RSD	58.701	.11656	34.888	.19198	22.909	.47471	.21434	.04838

#1	-.00026	9.2806	.00053	.00308	.00127	5.1935	.07069	4.0387
#2	-.00011	9.2959	.00087	.00307	.00092	5.1588	.07090	4.0415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00910	-.00017	249.89	.00131	.55817	.40924	.00117	.01011
Stddev	.00036	.00054	.44	.00034	.00899	.01885	.00007	.01690
%RSD	3.9460	314.41	.17765	26.263	1.6110	4.6050	6.1020	167.26

#1	.00936	.00021	250.21	.00156	.56453	.39591	.00112	-.00185
#2	.00885	-.00055	249.58	.00107	.55182	.42256	.00122	.02206

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07087	.26860	-.00040	.00152	-.00042	.0153	.01234	<.00000
Stddev	.00122	.00294	.00006	.00022	.00138	.0007	.00000	.39725
%RSD	1.7164	1.0943	15.726	14.293	330.69	4.799	.00041	145.88

#1	.07173	.26652	-.00036	.00167	.00056	.0158	.01234	.00859
#2	.07001	.27068	-.00045	.00136	-.00140	.0148	.01234	-.55321

Sample Name: J5894-05 Acquired: 11/12/2018 23:19:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2456 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1725
Stddev .6551
%RSD 20.648

#1 3.6357
#2 2.7093

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.4	67408.	5211.4	153.82	4094.0
Stddev	17.3	467.	9.0	2.82	9.6
%RSD	.42601	.69323	.17349	1.8312	.23380

#1	4039.2	67077.	5205.0	151.83	4087.2
#2	4063.6	67738.	5217.7	155.81	4100.7

Sample Name: J5894-10 Acquired: 11/12/2018 23:23:41 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-891011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00344	.00901	-.00022	-.00034	.18617	.14260	.00013
Stddev	.00252	.00126	.00005	.00264	.00119	.00386	.00074	.00004
%RSD	909.11	36.538	.55941	1177.9	345.16	2.0753	.51879	27.042

#1	-.00150	-.00255	.00897	.00164	-.00119	.18344	.14208	.00016
#2	.00206	-.00433	.00904	-.00209	.00050	.18890	.14312	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	10.834	.00168	.00442	.01168	.11233	.08687	3.9617
Stddev	.00006	.011	.00011	.00021	.00026	.00193	.00034	.1409
%RSD	2.7313	.09806	6.3017	4.8028	2.2146	1.7199	.38845	3.5567

#1	.00237	10.826	.00176	.00457	.01186	.11369	.08711	3.8620
#2	.00228	10.841	.00161	.00427	.01150	.11096	.08663	4.0613

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01020	.00001	306.86	-.00031	.54417	.57276	-.00003	.00823
Stddev	.00032	.00028	2.81	.00066	.00797	.01241	.00038	.00460
%RSD	3.1679	3275.9	.91676	210.56	1.4640	2.1671	1191.5	55.895

#1	.01043	-.00019	304.87	.00015	.54980	.58153	.00024	.01148
#2	.00998	.00020	308.85	-.00078	.53853	.56398	-.00030	.00498

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08056	.42215	.00037	.00118	.00119	.0005	.02065	<.00000
Stddev	.00193	.00185	.00000	.00120	.00020	.0010	.00019	.24394
%RSD	2.3990	.43901	1.2887	101.71	16.640	223.6	.91079	34.263

#1	.07919	.42084	.00037	.00203	.00105	-.0003	.02079	-.88444
#2	.08193	.42346	.00038	.00033	.00133	.0012	.02052	-.53946

Sample Name: J5894-10 Acquired: 11/12/2018 23:23:41 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-891011 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7207
 Stddev .2385
 %RSD 13.863

#1 1.8894
 #2 1.5520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4028.6	67435.	5216.9	153.93	4032.8
Stddev	9.7	49.	44.2	2.68	7.0
%RSD	.24123	.07330	.84651	1.7379	.17294

#1	4021.7	67400.	5248.2	152.04	4027.8
#2	4035.5	67470.	5185.7	155.83	4037.7

Sample Name: J5902-02 Acquired: 11/12/2018 23:27:50 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	-.00287	.00351	-.00084	-.00425	.12032	.08828	-.00006
Stddev	.00169	.00059	.00070	.00010	.00091	.01645	.00141	.00006
%RSD	94.600	20.680	19.884	11.477	21.304	13.671	1.5916	108.57

#1	-.00299	-.00245	.00301	-.00077	-.00361	.13195	.08927	-.00010
#2	-.00059	-.00329	.00400	-.00090	-.00489	.10869	.08729	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	161.59	.01527	-.00008	.00078	-.01225	.00008	.00186
Stddev	.00002	.08	.00046	.00020	.00039	.00100	.00001	.02617
%RSD	8.3496	.04999	3.0086	240.64	49.404	8.1852	19.033	1403.5

#1	-.00026	161.65	.01494	-.00022	.00106	-.01295	.00009	.02037
#2	-.00029	161.53	.01559	.00006	.00051	-.01154	.00007	-.01664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	.00013	251.41	-.00002	.00888	3.5645	.00167	.00281
Stddev	.00016	.00066	1.55	.00026	.00001	.0152	.00004	.00254
%RSD	4.5320	498.95	.61666	1304.1	.14839	.42501	2.6134	90.550

#1	-.00339	.00060	252.51	.00016	.00889	3.5752	.00170	.00461
#2	-.00361	-.00033	250.32	-.00020	.00887	3.5538	.00164	.00101

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6385	.66089	-.00019	-.00259	.00600	.0078	1.2320	.24920
Stddev	.0106	.00761	.00005	.00006	.00061	.0008	.0061	.16023
%RSD	.40141	1.1510	26.809	2.2067	10.140	9.847	.49162	64.297

#1	2.6459	.66627	-.00023	-.00263	.00557	.0083	1.2363	.36250
#2	2.6310	.65552	-.00016	-.00255	.00643	.0072	1.2277	.13590

Sample Name: J5902-02 Acquired: 11/12/2018 23:27:50 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2008
Stddev .1377
%RSD 4.3007

#1 3.2981
#2 3.1035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3931.5	66122.	5195.5	149.70	3954.6
Stddev	10.4	63.	45.0	.42	13.4
%RSD	.26370	.09583	.86608	.28319	.33982

#1	3924.2	66077.	5163.7	149.40	3945.1
#2	3938.9	66167.	5227.3	150.00	3964.1

Sample Name: J5901-08 Acquired: 11/12/2018 23:31:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-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	-.00098	-.00445	49.391	.00166	-.00056	.13321	.74223	.00009
Stddev	.00121	.00227	.068	.00043	.00126	.00743	.00136	.00002
%RSD	123.49	51.044	.13703	25.653	225.97	5.5752	.18333	24.224

#1	-.00183	-.00605	49.343	.00196	.00033	.12796	.74127	.00007
#2	-.00012	-.00284	49.439	.00136	-.00145	.13846	.74319	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	48.370	-.02298	.01039	-.02221	4.6335	1.9864	14.326
Stddev	.00004	.445	.00011	.00021	.00079	.0495	.0023	.073
%RSD	8.3038	.91992	.48273	1.9746	3.5663	1.0691	.11418	.50751

#1	.00049	48.055	-.02305	.01054	-.02277	4.5984	1.9848	14.274
#2	.00043	48.685	-.02290	.01025	-.02165	4.6685	1.9880	14.377

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	.00036	278.79	-.00014	.12423	6.7979	-.00038	.03480
Stddev	.00001	.00056	1.37	.00005	.00035	.0053	.00005	.00599
%RSD	.18922	152.17	.49187	35.705	.27889	.07832	13.796	17.225

#1	.00626	.00076	277.82	-.00010	.12448	6.8017	-.00042	.03904
#2	.00628	-.00003	279.76	-.00018	.12399	6.7941	-.00034	.03056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0905	1.5907	.00035	.00038	-.00026	-.0005	.20094	.04602
Stddev	.0106	.0048	.00151	.00071	.00109	.0010	.00075	.11079
%RSD	.50447	.30037	432.06	188.49	414.39	200.4	.37170	240.75

#1	2.0980	1.5873	.00142	.00088	.00051	.0002	.20041	.12436
#2	2.0831	1.5941	-.00072	-.00013	-.00103	-.0012	.20147	-.03232

Sample Name: J5901-08 Acquired: 11/12/2018 23:31:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1789
Stddev .1719
%RSD 5.4067

#1 3.0574
#2 3.3005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.0	67532.	5274.1	151.06	3999.7
Stddev	6.2	19.	25.4	.26	4.0
%RSD	.15579	.02859	.48074	.17019	.09889

#1	4003.6	67546.	5292.0	150.88	3996.9
#2	4012.4	67518.	5256.2	151.24	4002.5

Sample Name: J5905-01 Acquired: 11/12/2018 23:36:03 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 06-TANK-SOIL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	-.00565	.01217	.00115	-.00224	-.01923	.18739	-.00005
Stddev	.00234	.00028	.00155	.00290	.00004	.00623	.00155	.00001
%RSD	593.61	5.0452	12.704	252.76	1.7426	32.385	.82698	24.981

#1	-.00205	-.00545	.01326	.00320	-.00222	-.01483	.18629	-.00006
#2	.00126	-.00585	.01107	-.00090	-.00227	-.02364	.18848	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	178.16	.00016	.00108	.00168	-.02446	.34612	2.1307
Stddev	.00003	.94	.00054	.00009	.00043	.00086	.00048	.0101
%RSD	25.650	.52728	339.20	8.2417	25.765	3.4983	.13765	.47522

#1	.00011	177.50	.00054	.00114	.00199	-.02385	.34578	2.1379
#2	.00015	178.83	-.00022	.00102	.00138	-.02507	.34645	2.1235

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00019	334.58	.00167	.03302	.72286	.00049	.00431
Stddev	.00001	.00039	1.48	.00045	.00005	.04821	.00026	.00736
%RSD	14.338	211.38	.44233	27.178	.14887	6.6690	53.298	170.69

#1	-.00007	-.00009	333.54	.00199	.03305	.75694	.00067	.00951
#2	-.00006	.00046	335.63	.00135	.03298	.68877	.00030	-.00089

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92091	.33651	.00049	-.00288	.00392	.0299	.38541	.53711
Stddev	.00047	.00269	.00041	.00019	.00294	.0000	.00198	.06054
%RSD	.05125	.80062	83.453	6.7595	74.862	.0228	.51496	11.272

#1	.92058	.33841	.00020	-.00275	.00185	.0299	.38401	.49430
#2	.92124	.33460	.00079	-.00302	.00600	.0299	.38681	.57992

Sample Name: J5905-01 Acquired: 11/12/2018 23:36:03 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 06-TANK-SOIL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.0381
Stddev .2891
%RSD 9.5145

#1 3.2425
#2 2.8337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.1	65546.	5138.0	148.03	3886.3
Stddev	6.9	43.	17.9	.24	10.9
%RSD	.17711	.06614	.34906	.16385	.28071

#1	3897.0	65516.	5150.7	147.86	3894.0
#2	3887.3	65577.	5125.3	148.21	3878.6

Sample Name: CCV11 Acquired: 11/12/2018 23:40:13 Type: Unk
Method: P4-ICP2(v2564) 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	4.5571	5.3357	5.0785	4.7186	4.6095	9.4795	9.7554
Stddev	.0072	.0157	.0140	.0135	.0182	.0534	.0357
%RSD	.15777	.29453	.27538	.28559	.39526	.56290	.36579

#1	4.5622	5.3468	5.0884	4.7282	4.6224	9.5173	9.7301
#2	4.5520	5.3246	5.0686	4.7091	4.5967	9.4418	9.7806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24502	2.6017	24.634	1.0188	2.5591	1.1524	5.1708
Stddev	.00021	.0048	.055	.0005	.0058	.0033	.0112
%RSD	.08590	.18444	.22428	.04798	.22732	.29022	.21642

#1	.24517	2.6051	24.595	1.0191	2.5632	1.1548	5.1629
#2	.24487	2.5983	24.673	1.0184	2.5550	1.1501	5.1787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5006	24.568	2.5485	1.2159	24.806	2.4829	2.5506
Stddev	.0009	.042	.0076	.0008	.094	.0002	.0026
%RSD	.03726	.17007	.29902	.06408	.37788	.00973	.10004

#1	2.4999	24.597	2.5539	1.2165	24.739	2.4831	2.5488
#2	2.5012	24.538	2.5431	1.2154	24.872	2.4827	2.5524

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.806	4.6501	5.1043	4.9374	4.9568	5.1429	4.8281
Stddev	.130	.0140	.0261	.0123	.0280	.0048	.0008
%RSD	.52372	.30094	.51059	.24994	.56424	.09400	.01726

#1	24.714	4.6600	5.1228	4.9461	4.9371	5.1463	4.8287
#2	24.898	4.6402	5.0859	4.9287	4.9766	5.1395	4.8275

Sample Name: CCV11 Acquired: 11/12/2018 23:40:13 Type: Unk
 Method: P4-ICP2(v2564) 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	4.9214	5.180	4.8612	F<.00000	F 2.6635
Stddev	.0200	.017	.0091	.04324	.1786
%RSD	.40599	.3270	.18788	10.372	6.7070

#1	4.9073	5.192	4.8548	-.38634	2.5372
#2	4.9355	5.168	4.8677	-.44749	2.7898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.4	69194.	5224.5	150.53	4141.6
Stddev	9.5	131.	17.1	.19	7.8
%RSD	.22995	.18948	.32687	.12690	.18787

#1	4128.7	69101.	5236.6	150.67	4136.1
#2	4142.2	69287.	5212.4	150.40	4147.1

Sample Name: CCB11 Acquired: 11/12/2018 23:43:58 Type: Unk
Method: P4-ICP2(v2564) 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	-.00142	-.00042	F .00322	-.00101	-.00224	.00440	.00029
Stddev	.00132	.00082	.00111	.00267	.00011	.01221	.00042
%RSD	92.662	196.30	34.352	263.93	4.8656	277.82	144.06

#1	-.00235	.00016	.00401	-.00290	-.00232	.01303	.00059
#2	-.00049	-.00100	.00244	.00088	-.00216	-.00424	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00013	-.02368	-.00024	-.00022	-.00064	.01293
Stddev	.00000	.00000	.00165	.00014	.00006	.00037	.00267
%RSD	262.49	3.0187	6.9803	58.656	28.776	57.145	20.633

#1	.00001	-.00013	-.02485	-.00014	-.00027	-.00090	.01481
#2	-.00000	-.00012	-.02251	-.00033	-.00018	-.00038	.01104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00246	-.00156	-.00020	F .65633	-.00021	.00049
Stddev	.00003	.02736	.00003	.00025	.01790	.00037	.00002
%RSD	64.781	1114.0	1.6124	126.11	2.7272	174.07	4.2045

#1	.00007	-.02180	-.00154	-.00037	.64367	-.00048	.00050
#2	.00002	.01689	-.00158	-.00002	.66899	.00005	.00047

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09986	.00001	.00000	-.00926	-.00432	-.00090	.00076
Stddev	.02290	.00027	.00876	.00267	.00059	.00016	.00033
%RSD	22.934	4441.1	577030.	28.815	13.726	17.842	44.178

#1	.08366	.00020	-.00619	-.00737	-.00390	-.00101	.00099
#2	.11605	-.00019	.00620	-.01115	-.00474	-.00079	.00052

Sample Name: CCB11 Acquired: 11/12/2018 23:43:58 Type: Unk
 Method: P4-ICP2(v2564) 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 -.01063	-.0031	-.00003	F<.00000	F .30424
Stddev	.00181	.0008	.00009	.07741	.25188
%RSD	17.018	26.82	310.91	2.1203	82.791

#1	-.00935	-.0025	-.00009	-3.7056	.48235
#2	-.01191	-.0036	.00004	-3.5961	.12613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4358.4	73175.	5329.4	160.58	4830.5
Stddev	6.2	97.	34.1	1.00	8.8
%RSD	.14263	.13299	.63940	.62381	.18275

#1	4354.0	73244.	5353.5	161.29	4824.3
#2	4362.8	73106.	5305.3	159.88	4836.7

Sample Name: J5907-04 Acquired: 11/12/2018 23:48:04 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00393	.11020	.00020	-.00268	.11426	.08811	-.00002
Stddev	.00101	.00087	.00023	.00127	.00045	.00194	.00092	.00004
%RSD	63.641	22.178	.20462	649.38	16.959	1.6987	1.0439	253.87
#1	-.00230	-.00332	.11004	-.00070	-.00236	.11563	.08746	.00001
#2	-.00087	-.00455	.11036	.00110	-.00300	.11288	.08876	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00103	59.323	.00072	.00755	.01712	.19973	.58385	4.2208
Stddev	.00004	.527	.00021	.00017	.00027	.00582	.00233	.0463
%RSD	4.1708	.88883	28.624	2.1925	1.6060	2.9148	.39825	1.0962
#1	.00100	58.950	.00058	.00767	.01732	.19562	.58549	4.1881
#2	.00106	59.696	.00087	.00744	.01693	.20385	.58220	4.2535
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	.00034	264.49	-.00016	.24743	4.0892	.00023	.01485
Stddev	.00002	.00018	2.61	.00068	.00004	.0316	.00016	.00418
%RSD	.21603	51.312	.98522	423.05	.01653	.77169	67.362	28.115
#1	.00856	.00047	262.64	-.00064	.24746	4.0668	.00012	.01781
#2	.00853	.00022	266.33	.00032	.24740	4.1115	.00034	.01190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.044	1.4233	-.00311	.00107	.00914	.0069	.19673	<.00000
Stddev	.017	.0204	.00069	.00290	.00065	.0003	.00048	.39649
%RSD	.16785	1.4368	22.344	271.99	7.1441	3.612	.24429	1968.4
#1	10.033	1.4088	-.00360	-.00098	.00960	.0071	.19639	.26022
#2	10.056	1.4377	-.00262	.00312	.00868	.0068	.19707	-.30050

Sample Name: J5907-04 Acquired: 11/12/2018 23:48:04 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7730
Stddev	.1916
%RSD	6.9112

#1	2.9085
#2	2.6375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3990.2	66650.	5204.5	152.75	4066.1
Stddev	3.6	560.	72.5	.22	2.7
%RSD	.08919	.83998	1.3937	.14130	.06576

#1	3987.7	66254.	5255.8	152.59	4068.0
#2	3992.8	67045.	5153.3	152.90	4064.2

Sample Name: J5907-08 Acquired: 11/12/2018 23:52:12 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	-.00374	.17362	.00318	-.00184	.05792	.20704	-.00001
Stddev	.00162	.00014	.00170	.00303	.00240	.00478	.00009	.00003
%RSD	84.829	3.8666	.97635	95.022	130.60	8.2498	.04522	419.05

#1	-.00077	-.00385	.17242	.00532	-.00014	.06130	.20697	-.00003
#2	-.00306	-.00364	.17482	.00104	-.00354	.05454	.20710	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	55.942	-.00008	.00201	.00413	.01167	.36305	.82904
Stddev	.00002	.187	.00010	.00016	.00017	.01076	.00017	.04406
%RSD	2.7803	.33506	120.63	8.0571	4.1970	92.235	.04805	5.3143

#1	.00056	56.075	-.00001	.00212	.00426	.00406	.36318	.86019
#2	.00054	55.810	-.00015	.00189	.00401	.01928	.36293	.79789

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	.00025	289.06	-.00003	.90379	2.3860	-.00019	.00710
Stddev	.00013	.00055	2.35	.00026	.00580	.0136	.00010	.00751
%RSD	2.2936	219.79	.81199	874.06	.64228	.56806	56.003	105.72

#1	.00537	-.00014	290.72	.00015	.89969	2.3956	-.00011	.00179
#2	.00555	.00063	287.40	-.00021	.90790	2.3765	-.00026	.01241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69192	.66005	.00080	.00158	.00318	.0152	.10234	<.00000
Stddev	.00697	.00337	.00048	.00132	.00014	.0003	.00050	.11939
%RSD	1.0074	.51024	59.902	83.790	4.5458	1.651	.48522	61.048

#1	.68699	.65767	.00046	.00251	.00307	.0154	.10199	-.11115
#2	.69684	.66243	.00113	.00064	.00328	.0151	.10269	-.27999

Sample Name: J5907-08 Acquired: 11/12/2018 23:52:12 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3559
 Stddev .5117
 %RSD 21.721

#1 2.7177
 #2 1.9940

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4009.8	66893.	5230.4	153.60	4018.8
Stddev	6.8	175.	38.1	1.08	3.7
%RSD	.17067	.26193	.72872	.70615	.09261

#1	4014.6	66769.	5203.5	154.37	4021.5
#2	4004.9	67017.	5257.4	152.83	4016.2

Sample Name: J5907-12 Acquired: 11/12/2018 23:56:20 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3-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	-.00085	-.00484	.01559	.00241	-.00266	.09940	.27563	.00015
Stddev	.00156	.00204	.00025	.00152	.00009	.00191	.00019	.00006
%RSD	184.01	42.236	1.6199	63.300	3.2027	1.9199	.07052	37.270

#1	.00026	-.00339	.01541	.00348	-.00272	.10075	.27550	.00019
#2	-.00196	-.00628	.01577	.00133	-.00260	.09805	.27577	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	37.039	-.00140	.00895	.00514	.07412	2.1284	2.8366
Stddev	.00005	.003	.00006	.00022	.00039	.00156	.0042	.0033
%RSD	16.982	.00751	4.2107	2.4152	7.5364	2.1090	.19482	.11742

#1	.00032	37.041	-.00144	.00911	.00542	.07522	2.1254	2.8342
#2	.00025	37.037	-.00135	.00880	.00487	.07301	2.1313	2.8389

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	.00008	276.67	-.00048	.05085	1.4091	-.00019	.01112
Stddev	.00013	.00014	.69	.00039	.00076	.0222	.00009	.00361
%RSD	3.0428	169.97	.24920	79.964	1.4860	1.5789	48.525	32.505

#1	.00424	.00019	277.16	-.00021	.05138	1.4248	-.00012	.00856
#2	.00406	-.00002	276.19	-.00076	.05031	1.3933	-.00025	.01367

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10546	.51523	.00150	.00253	.01306	.0008	.09779	.11333
Stddev	.00061	.00101	.00090	.00055	.00046	.0000	.00013	.15685
%RSD	.57832	.19571	60.060	21.903	3.5151	4.162	.13111	138.40

#1	.10503	.51595	.00214	.00293	.01273	.0007	.09770	.00242
#2	.10589	.51452	.00086	.00214	.01338	.0008	.09788	.22424

Sample Name: J5907-12 Acquired: 11/12/2018 23:56:20 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6905
 Stddev .0977
 %RSD 3.6295

#1 2.6215
 #2 2.7596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4022.8	66890.	5231.3	150.91	4007.7
Stddev	16.1	172.	28.3	1.50	11.0
%RSD	.39913	.25658	.54123	.99568	.27408

#1	4011.4	67011.	5211.2	149.85	4000.0
#2	4034.1	66768.	5251.3	151.98	4015.5

Sample Name: J5907-16 Acquired: 11/13/2018 0:00:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00396	.05103	.00199	-.00145	.07509	.18698	-.00000
Stddev	.00100	.00109	.00062	.00056	.00032	.00417	.00086	.00003
%RSD	132.30	27.491	1.2138	28.266	21.746	5.5528	.46112	1260.0

#1	.00146	-.00473	.05059	.00239	-.00167	.07214	.18637	.00002
#2	.00005	-.00319	.05147	.00159	-.00123	.07804	.18759	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	32.305	.00051	.00167	.03102	.03632	.21223	.92763
Stddev	.00004	.039	.00044	.00012	.00017	.01404	.00055	.00150
%RSD	1.4808	.12194	84.919	7.0171	.53521	38.657	.25787	.16185

#1	.00271	32.333	.00082	.00176	.03113	.04625	.21261	.92656
#2	.00266	32.277	.00021	.00159	.03090	.02639	.21184	.92869

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00382	.00010	272.82	-.00010	.41362	.98680	-.00034	.00814
Stddev	.00076	.00031	.66	.00015	.00868	.01161	.00019	.00015
%RSD	19.908	309.77	.24084	147.15	2.0988	1.1764	57.015	1.7885

#1	.00329	-.00012	273.29	.00000	.41975	.97860	-.00048	.00804
#2	.00436	.00032	272.36	-.00021	.40748	.99501	-.00020	.00824

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34044	1.0285	.00090	.00178	-.00196	.0371	.16685	<.00000
Stddev	.00201	.0003	.00026	.00063	.00170	.0010	.00034	.25700
%RSD	.59037	.02615	28.995	35.348	86.469	2.624	.20445	56.558

#1	.33902	1.0286	.00071	.00222	-.00076	.0378	.16709	-.27267
#2	.34186	1.0283	.00108	.00133	-.00316	.0365	.16661	-.63612

Sample Name: J5907-16 Acquired: 11/13/2018 0:00:28 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6069
 Stddev .3896
 %RSD 14.944

#1 2.8823
 #2 2.3314

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.9	67242.	5296.2	154.28	4071.2
Stddev	5.1	156.	5.5	3.25	.8
%RSD	.12511	.23199	.10329	2.1084	.01853

#1	4056.4	67132.	5300.1	151.98	4070.7
#2	4063.5	67352.	5292.3	156.58	4071.7

Sample Name: J5907-16DUP Acquired: 11/13/2018 0:04:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	-.00395	.05027	.00051	-.00106	.07460	.18707	-.00004
Stddev	.00030	.00040	.00048	.00172	.00008	.01072	.00018	.00003
%RSD	30.237	10.030	.95876	335.64	7.8791	14.369	.09362	95.121

#1	.00079	-.00423	.04993	.00173	-.00100	.08218	.18695	-.00006
#2	.00122	-.00367	.05062	-.00070	-.00112	.06702	.18720	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	32.370	-.00016	.00167	.03123	.03087	.21142	.90117
Stddev	.00009	.009	.00012	.00006	.00007	.01329	.00012	.02690
%RSD	3.2949	.02804	76.886	3.3126	.23654	43.054	.05849	2.9848

#1	.00282	32.377	-.00024	.00163	.03128	.02147	.21133	.92019
#2	.00295	32.364	-.00007	.00171	.03118	.04027	.21150	.88215

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00032	272.10	-.00016	.41821	1.0079	-.00017	.00798
Stddev	.00015	.00008	1.07	.00002	.00289	.0106	.00005	.00491
%RSD	3.7692	25.695	.39187	14.031	.69000	1.0525	30.631	61.554

#1	.00376	-.00038	272.85	-.00014	.41617	1.0004	-.00021	.01145
#2	.00397	-.00026	271.35	-.00018	.42025	1.0154	-.00014	.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34041	1.0187	.00033	.00145	-.00205	.0380	.16668	<.00000
Stddev	.00650	.0111	.00023	.00033	.00115	.0015	.00036	.04629
%RSD	1.9081	1.0913	69.977	22.849	56.009	3.876	.21343	9.0877

#1	.34501	1.0266	.00049	.00121	-.00287	.0390	.16693	-.47667
#2	.33582	1.0108	.00017	.00168	-.00124	.0370	.16643	-.54213

Sample Name: J5907-16DUP Acquired: 11/13/2018 0:04:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SDUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0616
Stddev .1020
%RSD 4.9493

#1 2.1338
#2 1.9895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.3	67431.	5273.9	152.67	4068.1
Stddev	7.0	88.	15.2	.67	4.9
%RSD	.17287	.13009	.28790	.43614	.12147

#1	4055.2	67493.	5263.1	153.14	4064.6
#2	4045.3	67369.	5284.6	152.20	4071.6

Sample Name: J5907-16LX5 Acquired: 11/13/2018 0:08:44 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7686 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	-.00069	.01252	.00010	-.00097	.02310	.03817	-.00003
Stddev	.00055	.00029	.00009	.00095	.00002	.00521	.00026	.00002
%RSD	89.485	41.685	.70151	959.75	2.2026	22.542	.67405	89.341

#1	.00023	-.00049	.01246	-.00057	-.00096	.02678	.03836	-.00005
#2	.00101	-.00089	.01258	.00077	-.00099	.01942	.03799	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	6.7669	-.00011	.00020	.00606	.01314	.04519	.22214
Stddev	.00001	.0438	.00001	.00002	.00006	.01041	.00000	.01099
%RSD	3.1239	.64670	6.6974	9.3744	1.0300	79.237	.00267	4.9468

#1	.00049	6.7359	-.00012	.00021	.00602	.00578	.04519	.21437
#2	.00047	6.7978	-.00011	.00018	.00611	.02049	.04519	.22991

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00006	58.178	-.00036	.08904	.31567	-.00041	.00087
Stddev	.00023	.00019	.164	.00045	.00017	.00555	.00002	.00764
%RSD	27.626	302.05	.28132	127.20	.19541	1.7590	4.1961	880.17

#1	-.00098	.00007	58.293	-.00004	.08916	.31174	-.00040	.00627
#2	-.00066	-.00020	58.062	-.00068	.08892	.31959	-.00042	-.00453

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06094	.22137	-.00062	.00018	-.00304	.0055	.03481	<.00000
Stddev	.00375	.00042	.00005	.00029	.00079	.0016	.00005	.02899
%RSD	6.1522	.18844	8.4718	165.83	25.919	29.24	.13865	1.4673

#1	.06360	.22166	-.00059	-.00003	-.00360	.0066	.03484	-1.9963
#2	.05829	.22107	-.00066	.00038	-.00249	.0043	.03477	-1.9553

Sample Name: J5907-16LX5 Acquired: 11/13/2018 0:08:44 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7686 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .95892
 Stddev .27963
 %RSD 29.161

#1 1.1566
 #2 .76119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4213.9	69699.	5293.9	156.62	4382.2
Stddev	.8	185.	15.6	.44	1.9
%RSD	.01957	.26595	.29473	.27833	.04308

#1	4213.3	69568.	5282.9	156.93	4380.9
#2	4214.5	69830.	5304.9	156.31	4383.6

Sample Name: J5907-16MS Acquired: 11/13/2018 0:12:47 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73091	2.0297	1.0311	1.9065	.72353	2.0347	.38008	.19475
Stddev	.00247	.0047	.0025	.0024	.00228	.0266	.00420	.00001
%RSD	.33736	.23062	.24411	.12425	.31557	1.3061	1.1037	.00742

#1	.73265	2.0330	1.0329	1.9049	.72192	2.0159	.38305	.19476
#2	.72916	2.0264	1.0294	1.9082	.72515	2.0534	.37711	.19474

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20903	32.696	.41674	.20721	.30440	3.1342	.40558	2.8664
Stddev	.00043	.052	.00063	.00007	.00059	.0012	.00045	.0035
%RSD	.20795	.15757	.15070	.03392	.19354	.03707	.11138	.12227

#1	.20934	32.660	.41629	.20726	.30482	3.1350	.40590	2.8689
#2	.20872	32.733	.41718	.20716	.30398	3.1334	.40526	2.8639

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51268	.06837	267.72	.30927	.58996	11.087	.39181	.31826
Stddev	.00108	.00015	1.65	.00080	.00283	.006	.00012	.01293
%RSD	.21049	.21564	.61446	.25749	.48035	.05048	.02944	4.0637

#1	.51345	.06848	268.88	.30983	.59196	11.091	.39173	.32740
#2	.51192	.06827	266.55	.30871	.58795	11.084	.39189	.30911

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31549	1.8925	.71882	.20170	.20429	6.347	.35722	<.00000
Stddev	.00356	.0093	.00293	.00116	.00215	.025	.00238	.09400
%RSD	1.1292	.49042	.40804	.57694	1.0523	.3971	.66674	67.045

#1	.31297	1.8991	.72089	.20252	.20581	6.365	.35890	-.20667
#2	.31800	1.8859	.71674	.20087	.20277	6.329	.35553	-.07373

Sample Name: J5907-16MS Acquired: 11/13/2018 0:12:47 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0225
Stddev	.3600
%RSD	35.210

#1	1.2771
#2	.76794

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4021.0	67040.	5178.9	153.07	4035.3
Stddev	.3	151.	29.4	.92	5.7
%RSD	.00762	.22462	.56745	.60199	.14147

#1	4020.8	67146.	5158.2	152.42	4031.3
#2	4021.2	66933.	5199.7	153.72	4039.4

Sample Name: J5907-16MSD Acquired: 11/13/2018 0:16:44 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73462	2.0384	1.0330	1.9067	.72638	2.0035	.37463	.19391
Stddev	.00385	.0023	.0010	.0032	.00295	.0256	.00002	.00023
%RSD	.52398	.11150	.10181	.16859	.40647	1.2804	.00586	.12042

#1	.73734	2.0368	1.0338	1.9089	.72847	1.9853	.37462	.19375
#2	.73190	2.0400	1.0323	1.9044	.72429	2.0216	.37465	.19408

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20952	32.404	.41525	.20773	.30493	3.1479	.40401	2.8211
Stddev	.00062	.141	.00098	.00072	.00125	.0199	.00056	.0481
%RSD	.29617	.43420	.23617	.34639	.40957	.63114	.13759	1.7059

#1	.20996	32.304	.41456	.20722	.30582	3.1338	.40362	2.7871
#2	.20909	32.503	.41594	.20824	.30405	3.1619	.40441	2.8551

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51441	.06865	265.15	.30660	.59207	10.993	.39354	.31013
Stddev	.00006	.00082	2.32	.00149	.00093	.068	.00174	.00162
%RSD	.01194	1.1908	.87577	.48568	.15705	.61905	.44288	.52214

#1	.51437	.06922	266.79	.30555	.59142	10.945	.39477	.30898
#2	.51446	.06807	263.51	.30766	.59273	11.041	.39231	.31127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31308	1.8740	.72367	.19787	.20229	6.340	.35444	<.00000
Stddev	.00504	.0031	.00286	.00051	.00130	.016	.00057	.00446
%RSD	1.6083	.16745	.39531	.25989	.64213	.2549	.16040	17.440

#1	.30952	1.8718	.72165	.19823	.20321	6.328	.35404	-.02874
#2	.31664	1.8762	.72569	.19751	.20137	6.351	.35485	-.02243

Sample Name: J5907-16MSD Acquired: 11/13/2018 0:16:44 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4-SMSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6133
Stddev	.3380
%RSD	20.950

#1	1.8523
#2	1.3743

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.3	67509.	5231.1	153.10	4052.5
Stddev	13.5	124.	9.4	.03	9.3
%RSD	.33495	.18396	.17951	.02017	.22959

#1	4025.8	67422.	5224.4	153.08	4046.0
#2	4044.9	67597.	5237.7	153.12	4059.1

Sample Name: J5907-16A Acquired: 11/13/2018 0:20:40 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14179 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72918	2.0277	1.0289	1.8962	.72189	1.9905	.37877	.19388
Stddev	.00238	.0012	.0046	.0013	.00066	.0120	.00189	.00047
%RSD	.32655	.05979	.44585	.06590	.09178	.60213	.49851	.24228

#1	.72750	2.0268	1.0256	1.8971	.72142	1.9989	.37743	.19355
#2	.73087	2.0286	1.0321	1.8953	.72236	1.9820	.38010	.19422

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20884	32.523	.41464	.20631	.30305	3.1088	.40368	2.7829
Stddev	.00022	.298	.00166	.00123	.00053	.0168	.00047	.0091
%RSD	.10430	.91548	.40109	.59665	.17330	.54150	.11765	.32702

#1	.20868	32.313	.41346	.20544	.30268	3.0969	.40335	2.7765
#2	.20899	32.734	.41582	.20718	.30342	3.1207	.40402	2.7894

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51231	.06870	265.32	.30744	.58597	11.062	.39181	.31573
Stddev	.00195	.00030	2.65	.00183	.00032	.075	.00142	.00843
%RSD	.37979	.43323	.99750	.59597	.05381	.68063	.36189	2.6689

#1	.51094	.06849	263.44	.30615	.58620	11.008	.39081	.30977
#2	.51369	.06891	267.19	.30874	.58575	11.115	.39282	.32169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31486	1.8883	.72167	.20007	.20335	6.313	.35609	<.00000
Stddev	.00450	.0056	.00254	.00244	.00346	.012	.00249	.00565
%RSD	1.4304	.29763	.35154	1.2213	1.7020	.1969	.69799	18.675

#1	.31167	1.8844	.71988	.19834	.20090	6.304	.35433	-.03424
#2	.31804	1.8923	.72347	.20180	.20580	6.322	.35784	-.02625

Sample Name: J5907-16A Acquired: 11/13/2018 0:20:40 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14179 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7584
Stddev .7018
%RSD 39.914

#1 1.2621
#2 2.2547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4040.3	67381.	5192.9	154.04	4057.9
Stddev	5.6	178.	12.7	.02	6.0
%RSD	.13773	.26365	.24382	.01514	.14815

#1	4044.2	67255.	5201.9	154.03	4062.2
#2	4036.3	67506.	5184.0	154.06	4053.7

Sample Name: J5881-02 Acquired: 11/13/2018 0:24:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00112	.00316	.00120	-.00386	.00138	.01263	.00002
Stddev	.00169	.00168	.00095	.00111	.00006	.01237	.00113	.00000
%RSD	99.420	150.06	29.909	92.530	1.4714	896.79	8.9571	31.354

#1	.00289	.00007	.00249	.00042	-.00390	.01012	.01343	.00002
#2	.00050	-.00230	.00383	.00199	-.00382	-.00737	.01183	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	28.105	-.00030	.00009	.00113	.04127	.00081	7.7807
Stddev	.00001	.064	.00042	.00005	.00028	.00291	.00001	.0106
%RSD	3.9722	.22757	139.19	52.023	24.692	7.0496	1.1038	.13676

#1	-.00013	28.150	-.00060	.00006	.00133	.04333	.00081	7.7882
#2	-.00014	28.060	-.00000	.00013	.00093	.03921	.00080	7.7732

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00017	40.091	.00014	.00056	2.6815	.00006	.02032
Stddev	.00072	.00027	.217	.00009	.00008	.0029	.00023	.00331
%RSD	36.626	157.93	.54168	62.565	14.005	.10960	397.45	16.269

#1	-.00247	.00037	40.245	.00020	.00062	2.6836	-.00010	.02265
#2	-.00146	-.00002	39.938	.00008	.00051	2.6794	.00022	.01798

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2746	2.5250	-.00288	.00083	-.00753	.0510	.14440	<.00000
Stddev	.0214	.0252	.00042	.00155	.00127	.0001	.00003	.25474
%RSD	.40621	.99883	14.570	187.62	16.853	.2028	.01846	22.874

#1	5.2595	2.5429	-.00258	-.00027	-.00843	.0509	.14441	-1.2938
#2	5.2898	2.5072	-.00317	.00192	-.00663	.0511	.14438	-.93355

Sample Name: J5881-02 Acquired: 11/13/2018 0:24:36 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6174
Stddev	.3881
%RSD	23.993

#1	1.3430
#2	1.8918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4141.2	68868.	5191.6	154.21	4406.1
Stddev	9.9	209.	7.0	1.01	3.7
%RSD	.23942	.30285	.13544	.65812	.08422

#1	4134.2	69015.	5186.6	153.49	4403.5
#2	4148.2	68720.	5196.5	154.92	4408.7

Sample Name: CCV12 Acquired: 11/13/2018 0:28:39 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14179 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5362	5.3103	5.0235	4.7212	4.5880	9.4783	9.6919
Stddev	.0031	.0130	.0009	.0022	.0098	.0178	.1087
%RSD	.06771	.24421	.01782	.04750	.21257	.18754	1.1216

#1	4.5341	5.3195	5.0241	4.7196	4.5949	9.4908	9.7688
#2	4.5384	5.3011	5.0228	4.7228	4.5811	9.4657	9.6150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24302	2.5810	24.476	1.0103	2.5331	1.1445	5.2101
Stddev	.00028	.0047	.186	.0000	.0049	.0033	.0737
%RSD	.11414	.18111	.75934	.00357	.19219	.29093	1.4149

#1	.24283	2.5843	24.607	1.0103	2.5366	1.1469	5.2623
#2	.24322	2.5777	24.344	1.0103	2.5297	1.1422	5.1580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4844	24.098	2.5216	1.2074	24.536	2.4669	2.5473
Stddev	.0012	.060	.0062	.0008	.289	.0033	.0354
%RSD	.04882	.24849	.24534	.06642	1.1787	.13421	1.3902

#1	2.4836	24.056	2.5259	1.2069	24.740	2.4646	2.5724
#2	2.4853	24.141	2.5172	1.2080	24.331	2.4693	2.5223

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.735	4.6193	5.0964	4.9348	4.9055	5.1063	4.7972
Stddev	.328	.0071	.0132	.0237	.0261	.0102	.0053
%RSD	1.3247	.15361	.25840	.48041	.53242	.19927	.11162

#1	24.966	4.6244	5.1057	4.9516	4.9240	5.1135	4.8010
#2	24.503	4.6143	5.0870	4.9181	4.8870	5.0991	4.7934

Sample Name: CCV12 Acquired: 11/13/2018 0:28:39 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14179 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8931	5.159	4.8470	F<.00000	F 2.2595
Stddev	.0528	.005	.0396	.06642	.2799
%RSD	1.0783	.0989	.81800	6.3113	12.388

#1	4.9304	5.163	4.8750	-1.0994	2.0616
#2	4.8558	5.156	4.8189	-1.0055	2.4574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4139.5	69181.	5252.1	149.91	4154.6
Stddev	5.9	147.	55.7	2.16	11.8
%RSD	.14309	.21229	1.0599	1.4382	.28394

#1	4135.3	69077.	5212.8	148.39	4146.2
#2	4143.7	69285.	5291.5	151.44	4162.9

Sample Name: CCB12 Acquired: 11/13/2018 0:32:24 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14170 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00017	.00137	.00039	-.00191	.00909	-.00016
Stddev	.00148	.00006	.00070	.00128	.00032	.00160	.00065
%RSD	181.19	37.297	51.439	329.20	16.505	17.599	404.24

#1	-.00186	-.00022	.00187	-.00051	-.00169	.01023	-.00062
#2	.00023	-.00013	.00087	.00129	-.00214	.00796	.00030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00003	-.01120	-.00005	-.00002	-.00063	.00831
Stddev	.00006	.00002	.00683	.00010	.00010	.00023	.00255
%RSD	154.11	59.090	60.983	217.69	465.74	36.010	30.706

#1	-.00008	-.00002	-.00637	.00002	.00005	-.00047	.00651
#2	.00000	-.00004	-.01603	-.00012	-.00009	-.00080	.01012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01078	-.00099	-.00020	.39453	-.00059	.00002
Stddev	.00000	.00021	.00006	.00026	.00947	.00004	.00002
%RSD	3.4292	1.9732	6.0512	126.26	2.4012	6.1201	93.580

#1	.00001	.01063	-.00103	-.00039	.38783	-.00056	.00004
#2	.00001	.01093	-.00095	-.00002	.40123	-.00061	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04480	.00028	.00035	-.00920	-.00306	-.00051	.00113
Stddev	.01016	.00008	.00246	.00203	.00042	.00076	.00201
%RSD	22.690	27.408	696.39	22.012	13.891	147.49	177.80

#1	.03761	.00023	-.00139	-.00777	-.00336	-.00105	-.00029
#2	.05199	.00034	.00209	-.01064	-.00276	.00002	.00255

Sample Name: CCB12 Acquired: 11/13/2018 0:32:24 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14170 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01123	-.0019	-.00005	F<.00000	F<.00000
Stddev	.00131	.0009	.00010	.02198	.49187
%RSD	11.677	46.18	194.26	.53659	186.03

#1	-.01030	-.0013	-.00013	-4.1111	-.61220
#2	-.01215	-.0026	.00002	-4.0800	.08341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4406.8	73234.	5374.2	159.92	4879.0
Stddev	19.9	73.	38.1	1.34	12.7
%RSD	.45202	.09973	.70924	.83642	.26043

#1	4420.9	73182.	5401.2	160.87	4888.0
#2	4392.7	73286.	5347.3	158.98	4870.0

Sample Name: J5881-03 Acquired: 11/13/2018 0:36:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00135	.00368	-.00102	-.00333	-.00390	.01224	.00002
Stddev	.00029	.00016	.00124	.00254	.00104	.00379	.00098	.00005
%RSD	785.63	11.756	33.667	249.06	31.126	96.953	8.0428	211.35

#1	.00024	-.00147	.00456	-.00282	-.00407	-.00658	.01294	-.00001
#2	-.00017	-.00124	.00281	.00078	-.00260	-.00123	.01155	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	27.979	-.00030	-.00005	.00087	.04510	.00088	7.3685
Stddev	.00014	.148	.00020	.00003	.00022	.00429	.00005	.1454
%RSD	84.564	.52958	68.361	49.474	24.990	9.5051	6.0834	1.9737

#1	-.00006	28.084	-.00044	-.00003	.00072	.04813	.00092	7.2657
#2	-.00026	27.874	-.00015	-.00007	.00103	.04207	.00084	7.4713

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00178	-.00013	36.919	.00054	.00055	2.5541	.00038	.02449
Stddev	.00029	.00021	.257	.00011	.00002	.0352	.00011	.00215
%RSD	16.098	164.16	.69565	19.721	4.3621	1.3767	29.132	8.7601

#1	-.00158	-.00027	36.738	.00062	.00054	2.5292	.00046	.02601
#2	-.00199	.00002	37.101	.00047	.00057	2.5789	.00030	.02297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0667	2.5346	-.00200	.00187	-.00729	.0503	.14263	<.00000
Stddev	.0078	.0079	.00039	.00031	.00002	.0012	.00041	.35727
%RSD	.15349	.31180	19.285	16.505	.22719	2.309	.28843	22.389

#1	5.0722	2.5290	-.00173	.00209	-.00728	.0495	.14292	-1.3431
#2	5.0612	2.5401	-.00227	.00166	-.00730	.0511	.14234	-1.8483

Sample Name: J5881-03 Acquired: 11/13/2018 0:36:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .79388
Stddev .26746
%RSD 33.690

#1 .60475
#2 .98300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.9	68425.	5182.4	154.43	4398.5
Stddev	6.0	112.	15.4	2.41	2.6
%RSD	.14536	.16305	.29647	1.5634	.06019

#1	4123.7	68347.	5193.3	152.73	4400.4
#2	4132.2	68504.	5171.6	156.14	4396.7

Sample Name: J5881-04 Acquired: 11/13/2018 0:40:34 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00100	.00273	-.00018	-.00258	.00819	.01226	-.00001
Stddev	.00044	.00131	.00074	.00223	.00087	.00697	.00027	.00008
%RSD	19714.	130.52	26.929	1230.8	33.627	85.141	2.1966	647.96

#1	-.00031	-.00193	.00221	-.00175	-.00197	.00326	.01245	-.00007
#2	.00031	-.00008	.00325	.00139	-.00320	.01312	.01207	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	28.163	-.00023	-.00003	.00159	.03738	.00081	7.5274
Stddev	.00002	.017	.00003	.00030	.00043	.00023	.00000	.0479
%RSD	15.407	.05946	13.924	1157.7	27.188	.60321	.23833	.63662

#1	-.00012	28.151	-.00025	-.00024	.00128	.03722	.00080	7.5613
#2	-.00010	28.175	-.00021	.00019	.00189	.03754	.00081	7.4935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00003	38.192	.00005	.00105	2.6049	-.00003	.02098
Stddev	.00041	.00049	.212	.00061	.00004	.0217	.00003	.00187
%RSD	19.298	1695.3	.55382	1309.6	4.1427	.83253	97.505	8.9222

#1	-.00185	.00032	38.341	.00048	.00108	2.6202	-.00001	.02230
#2	-.00244	-.00038	38.042	-.00038	.00102	2.5895	-.00005	.01966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1734	2.5241	-.00252	.00157	-.00879	.0489	.14382	<.00000
Stddev	.0151	.0006	.00020	.00042	.00012	.0010	.00043	.17863
%RSD	.29272	.02286	7.8740	26.719	1.3820	2.069	.30099	12.389

#1	5.1841	2.5237	-.00266	.00127	-.00870	.0496	.14413	-1.3155
#2	5.1627	2.5245	-.00238	.00187	-.00888	.0482	.14351	-1.5681

Sample Name: J5881-04 Acquired: 11/13/2018 0:40:34 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2163
Stddev	.3108
%RSD	25.551

#1	.99651
#2	1.4360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4106.6	68018.	5129.6	152.80	4378.1
Stddev	1.3	140.	17.2	.85	9.0
%RSD	.03070	.20587	.33499	.55611	.20496

#1	4105.7	67919.	5117.5	152.19	4384.4
#2	4107.5	68117.	5141.8	153.40	4371.7

Sample Name: J5881-05 Acquired: 11/13/2018 0:44:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00081	-.00095	.00255	-.00166	-.00363	.01673	.01391	.00007
Stddev	.00118	.00143	.00079	.00099	.00096	.00638	.00114	.00006
%RSD	144.63	149.89	30.922	59.787	26.386	38.111	8.1629	86.754

#1	-.00002	-.00196	.00310	-.00096	-.00295	.01222	.01311	.00003
#2	.00165	.00006	.00199	-.00236	-.00431	.02124	.01472	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	28.218	-.00017	-.00010	.00117	.04900	.00147	7.0821
Stddev	.00009	.066	.00005	.00022	.00028	.00501	.00007	.0112
%RSD	54.189	.23438	28.654	220.05	23.655	10.222	4.6141	.15823

#1	-.00024	28.265	-.00013	.00006	.00136	.05254	.00142	7.0741
#2	-.00011	28.172	-.00020	-.00026	.00097	.04546	.00151	7.0900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	.00014	33.329	.00008	.00042	2.4091	.00021	.02416
Stddev	.00035	.00057	.201	.00011	.00003	.0144	.00028	.00350
%RSD	24.583	403.87	.60336	135.85	8.2426	.59761	137.17	14.494

#1	-.00169	-.00026	33.471	.00015	.00040	2.3989	.00001	.02664
#2	-.00119	.00054	33.186	.00000	.00045	2.4193	.00041	.02169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7743	2.5397	-.00268	.00067	-.00784	.0491	.14093	<.00000
Stddev	.0148	.0036	.00111	.00103	.00021	.0001	.00014	.47424
%RSD	.31042	.14117	41.259	152.27	2.7344	.2757	.09596	42.135

#1	4.7848	2.5423	-.00346	-.00005	-.00799	.0492	.14103	-.79019
#2	4.7638	2.5372	-.00190	.00140	-.00769	.0490	.14084	-1.4609

Sample Name: J5881-05 Acquired: 11/13/2018 0:44:38 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1928
Stddev .0809
%RSD 6.7828

#1 1.1356
#2 1.2500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.9	67993.	5211.7	156.77	4390.5
Stddev	.6	80.	28.1	3.79	.4
%RSD	.01464	.11728	.53918	2.4171	.00921

#1	4112.3	68050.	5191.9	154.09	4390.8
#2	4111.4	67937.	5231.6	159.45	4390.2

Sample Name: J5881-06 Acquired: 11/13/2018 0:48:41 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	-.00131	.00365	.00008	-.00312	.01339	.01343	.00003
Stddev	.00147	.00138	.00023	.00191	.00013	.01168	.00012	.00006
%RSD	49.365	105.56	6.3028	2395.7	4.0152	87.225	.85890	216.40

#1	.00402	-.00033	.00349	-.00127	-.00321	.00513	.01335	.00007
#2	.00194	-.00228	.00381	.00143	-.00303	.02164	.01351	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	28.240	-.00006	.00002	.00147	.04335	.00117	6.9445
Stddev	.00001	.033	.00038	.00008	.00031	.00102	.00002	.0164
%RSD	5.2598	.11625	594.39	442.21	20.716	2.3581	1.3911	.23625

#1	-.00015	28.217	-.00034	.00007	.00169	.04263	.00116	6.9561
#2	-.00014	28.263	.00021	-.00004	.00126	.04407	.00118	6.9329

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	.00014	32.669	.00048	.00032	2.4084	-.00000	.02271
Stddev	.00032	.00000	.104	.00016	.00011	.0098	.00013	.00426
%RSD	18.573	2.2029	.31919	34.097	33.405	.40820	4079.4	18.759

#1	-.00195	.00014	32.743	.00036	.00039	2.4015	.00009	.02572
#2	-.00150	.00013	32.596	.00059	.00024	2.4154	-.00009	.01970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7325	2.5581	-.00225	.00120	-.00894	.0485	.14100	<.00000
Stddev	.0100	.0066	.00010	.00121	.00049	.0008	.00042	.06617
%RSD	.21087	.25830	4.3135	100.94	5.5200	1.558	.29978	9.0896

#1	4.7396	2.5534	-.00232	.00205	-.00929	.0491	.14070	-.77478
#2	4.7255	2.5628	-.00218	.00034	-.00859	.0480	.14130	-.68120

Sample Name: J5881-06 Acquired: 11/13/2018 0:48:41 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2980
Stddev .0186
%RSD 1.4328

#1 1.3111
#2 1.2848

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4095.8	67589.	5149.4	153.13	4378.8
Stddev	6.0	50.	3.8	1.56	3.4
%RSD	.14613	.07354	.07475	1.0178	.07673

#1	4100.0	67624.	5146.7	152.03	4381.2
#2	4091.6	67554.	5152.1	154.24	4376.5

Sample Name: J5881-07 Acquired: 11/13/2018 0:52:45 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00273	-.00088	.00231	-.00128	-.00231	.01382	.01451	.00004
Stddev	.00263	.00146	.00007	.00072	.00057	.01305	.00015	.00007
%RSD	96.153	166.32	3.0848	55.967	24.703	94.432	1.0425	165.09

#1	.00459	-.00191	.00236	-.00077	-.00271	.02304	.01462	-.00001
#2	.00088	.00015	.00226	-.00179	-.00191	.00459	.01440	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.010	-.00050	.00013	.00104	.04171	.00119	6.8590
Stddev	.00004	.057	.00015	.00010	.00034	.00838	.00003	.0529
%RSD	33.417	.20331	30.092	77.590	33.233	20.094	2.1200	.77091

#1	-.00015	27.970	-.00061	.00006	.00128	.03578	.00120	6.8216
#2	-.00010	28.050	-.00039	.00020	.00079	.04764	.00117	6.8964

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00218	.00018	32.304	.00000	.00036	2.3324	.00017	.02249
Stddev	.00034	.00033	.023	.00022	.00005	.0169	.00017	.00060
%RSD	15.758	179.93	.07220	4604.0	14.679	.72616	97.817	2.6551

#1	-.00194	.00041	32.320	-.00015	.00033	2.3444	.00005	.02291
#2	-.00242	-.00005	32.287	.00016	.00040	2.3205	.00029	.02207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6854	2.5109	-.00272	.00040	-.00840	.0484	.13952	<.00000
Stddev	.0071	.0167	.00128	.00015	.00121	.0005	.00016	.21567
%RSD	.15100	.66310	47.243	38.631	14.419	1.084	.11774	22.968

#1	4.6904	2.5227	-.00363	.00029	-.00754	.0481	.13940	-1.0915
#2	4.6804	2.4992	-.00181	.00051	-.00925	.0488	.13963	-.78650

Sample Name: J5881-07 Acquired: 11/13/2018 0:52:45 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2649
 Stddev .0857
 %RSD 6.7728

#1 1.2043
 #2 1.3255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4101.1	67815.	5162.1	155.96	4388.2
Stddev	.2	156.	11.9	1.49	4.4
%RSD	.00473	.23018	.23009	.95389	.09945

#1	4101.0	67926.	5153.7	157.01	4391.3
#2	4101.3	67705.	5170.5	154.91	4385.2

Sample Name: J5881-08 Acquired: 11/13/2018 0:56:49 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00134	.00336	-.00101	-.00379	.01253	.01372	.00004
Stddev	.00079	.00033	.00042	.00345	.00175	.01160	.00026	.00001
%RSD	70.996	24.924	12.562	341.77	46.269	92.585	1.8615	14.691

#1	.00168	-.00110	.00366	.00143	-.00255	.00433	.01354	.00004
#2	.00056	-.00158	.00307	-.00345	-.00503	.02073	.01391	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	28.107	-.00040	-.00001	.00151	.04823	.00125	6.9989
Stddev	.00002	.173	.00008	.00030	.00045	.00144	.00010	.0437
%RSD	9.0045	.61552	19.200	4061.3	29.555	2.9814	7.6882	.62409

#1	-.00018	28.229	-.00035	.00021	.00119	.04925	.00132	7.0298
#2	-.00021	27.985	-.00046	-.00022	.00183	.04721	.00118	6.9680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	.00016	33.239	.00047	.00449	2.3917	-.00005	.01943
Stddev	.00003	.00058	.278	.00007	.00005	.0285	.00005	.00136
%RSD	1.7705	365.44	.83495	14.786	1.1890	1.1919	111.28	7.0047

#1	-.00186	.00057	33.435	.00052	.00453	2.3715	-.00008	.01847
#2	-.00191	-.00025	33.043	.00042	.00445	2.4119	-.00001	.02040

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7816	2.5392	-.00274	-.00005	-.00918	.0490	.14048	<.00000
Stddev	.0088	.0277	.00012	.00126	.00058	.0009	.00048	.08078
%RSD	.18346	1.0902	4.5258	2441.0	6.2848	1.791	.34437	5.0310

#1	4.7754	2.5588	-.00283	.00084	-.00877	.0483	.14082	-1.6628
#2	4.7879	2.5196	-.00265	-.00095	-.00959	.0496	.14014	-1.5486

Sample Name: J5881-08 Acquired: 11/13/2018 0:56:49 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .85376
 Stddev .31770
 %RSD 37.211

#1 .62911
 #2 1.0784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.4	67736.	5137.0	156.25	4385.3
Stddev	.4	369.	69.6	2.72	1.2
%RSD	.01052	.54509	1.3547	1.7437	.02645

#1	4103.1	67997.	5087.8	154.33	4384.5
#2	4103.7	67475.	5186.2	158.18	4386.1

Sample Name: J5881-09 Acquired: 11/13/2018 1:00:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00397	-.00104	.00265	.00165	-.00341	.01035	.01412	-.00000
Stddev	.00070	.00107	.00067	.00065	.00063	.01240	.00064	.00003
%RSD	17.629	102.70	25.317	39.423	18.570	119.78	4.5201	718.24

#1	.00446	-.00028	.00313	.00119	-.00386	.01911	.01367	-.00002
#2	.00347	-.00179	.00218	.00211	-.00296	.00158	.01457	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	27.839	-.00047	-.00006	.00101	.03900	.00099	6.7287
Stddev	.00002	.051	.00009	.00036	.00069	.00004	.00007	.0138
%RSD	13.136	.18189	18.439	586.61	68.577	.10781	6.7487	.20472

#1	-.00016	27.874	-.00041	-.00031	.00052	.03897	.00095	6.7384
#2	-.00020	27.803	-.00053	.00019	.00149	.03903	.00104	6.7189

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	-.00035	31.201	.00031	.00007	2.3095	.00011	.01929
Stddev	.00022	.00031	.001	.00003	.00000	.0109	.00000	.00513
%RSD	16.282	87.420	.00310	9.8187	3.7605	.47306	3.1296	26.607

#1	-.00120	-.00057	31.200	.00033	.00007	2.3018	.00011	.01566
#2	-.00151	-.00013	31.201	.00028	.00007	2.3172	.00011	.02293

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5958	2.5165	-.00305	.00015	-.00644	.0464	.13875	<.00000
Stddev	.0206	.0509	.00016	.00027	.00135	.0011	.00026	.49096
%RSD	.44879	2.0240	5.1051	181.11	20.946	2.407	.18727	37.253

#1	4.6103	2.5526	-.00316	.00034	-.00740	.0456	.13894	-1.6651
#2	4.5812	2.4805	-.00294	-.00004	-.00549	.0472	.13857	-.97074

Sample Name: J5881-09 Acquired: 11/13/2018 1:00:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1512
Stddev .4582
%RSD 39.804

#1 1.4752
#2 .82720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.9	67683.	5165.4	155.62	4386.6
Stddev	.2	143.	29.6	2.53	.5
%RSD	.00479	.21177	.57270	1.6262	.01205

#1	4105.0	67784.	5144.5	153.83	4386.2
#2	4104.7	67582.	5186.3	157.41	4387.0

Sample Name: J5881-10 Acquired: 11/13/2018 1:04:56 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00132	.00257	.00088	-.00409	.00297	.01364	.00000
Stddev	.00085	.00027	.00093	.00067	.00075	.00122	.00006	.00004
%RSD	434.24	20.373	36.147	76.039	18.460	41.072	.41594	13330.

#1	.00080	-.00151	.00191	.00135	-.00462	.00211	.01368	-.00003
#2	-.00041	-.00113	.00323	.00041	-.00355	.00383	.01360	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	27.826	-.00025	-.00026	.00091	.04402	.00135	6.4026
Stddev	.00001	.074	.00019	.00001	.00007	.00598	.00007	.0851
%RSD	10.433	.26672	77.144	3.4709	7.6158	13.577	5.0044	1.3290

#1	-.00011	27.879	-.00038	-.00025	.00086	.04824	.00139	6.4627
#2	-.00012	27.774	-.00011	-.00026	.00096	.03979	.00130	6.3424

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.00014	28.560	.00003	.00043	2.2095	.00007	.02072
Stddev	.00017	.00028	.196	.00038	.00000	.0112	.00021	.00281
%RSD	10.095	193.30	.68764	1485.1	1.0707	.50556	304.15	13.572

#1	-.00157	-.00034	28.421	.00029	.00042	2.2016	-.00008	.01873
#2	-.00181	.00005	28.699	-.00024	.00043	2.2174	.00021	.02271

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3994	2.5218	-.00312	.00089	-.00773	.0466	.13715	<.00000
Stddev	.0085	.0137	.00086	.00054	.00117	.0002	.00018	.12857
%RSD	.19230	.54475	27.630	60.383	15.072	.3944	.12942	8.1822

#1	4.3934	2.5121	-.00251	.00051	-.00856	.0467	.13703	-1.6623
#2	4.4054	2.5316	-.00373	.00128	-.00691	.0465	.13728	-1.4805

Sample Name: J5881-10 Acquired: 11/13/2018 1:04:56 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0900
Stddev .5673
%RSD 52.047

#1 .68883
#2 1.4911

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4102.4	67946.	5151.8	155.46	4404.7
Stddev	6.4	83.	22.7	1.12	.7
%RSD	.15552	.12218	.44123	.71767	.01688

#1	4097.8	68005.	5167.9	154.67	4404.1
#2	4106.9	67887.	5135.7	156.25	4405.2

Sample Name: J5881-11 Acquired: 11/13/2018 1:09:00 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00182	.00258	-.00017	-.00279	.00373	.01423	.00004
Stddev	.00186	.00125	.00007	.00176	.00153	.00411	.00017	.00004
%RSD	92.089	68.703	2.7638	1058.1	54.569	110.32	1.1682	124.31

#1	.00334	-.00094	.00263	.00108	-.00387	.00663	.01411	.00000
#2	.00070	-.00270	.00253	-.00141	-.00172	.00082	.01434	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	28.050	-.00073	-.00002	.00116	.04365	.00133	6.4360
Stddev	.00001	.061	.00028	.00002	.00004	.00593	.00006	.0791
%RSD	5.4390	.21738	37.725	72.826	3.1600	13.593	4.2801	1.2294

#1	-.00016	28.093	-.00054	-.00004	.00119	.04785	.00137	6.4920
#2	-.00017	28.007	-.00093	-.00001	.00114	.03946	.00129	6.3801

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	.00047	28.260	.00021	.00019	2.2068	-.00004	.01284
Stddev	.00027	.00072	.359	.00013	.00003	.0004	.00006	.00267
%RSD	17.052	152.94	1.2714	63.277	17.712	.01613	154.45	20.836

#1	-.00180	-.00004	28.514	.00011	.00021	2.2065	.00000	.01095
#2	-.00141	.00098	28.006	.00030	.00016	2.2070	-.00008	.01473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4006	2.5370	-.00308	.00177	-.00844	.0490	.13811	<.00000
Stddev	.0153	.0497	.00030	.00308	.00142	.0023	.00002	.20945
%RSD	.34740	1.9603	9.6847	173.99	16.832	4.709	.01099	15.051

#1	4.3898	2.5722	-.00287	.00395	-.00744	.0507	.13810	-1.5397
#2	4.4114	2.5019	-.00329	-.00041	-.00945	.0474	.13812	-1.2435

Sample Name: J5881-11 Acquired: 11/13/2018 1:09:00 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0022
Stddev .4622
%RSD 46.112

#1 1.3290
#2 .67545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.1	67476.	5147.4	155.03	4383.9
Stddev	5.2	112.	68.5	2.73	7.8
%RSD	.12682	.16566	1.3315	1.7583	.17900

#1	4092.4	67555.	5098.9	153.10	4389.5
#2	4099.8	67397.	5195.9	156.96	4378.4

Sample Name: J5881-12 Acquired: 11/13/2018 1:13:03 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.00116	.00293	-.00052	-.00212	.02490	.01388	.00004
Stddev	.00073	.00024	.00072	.00278	.00040	.00327	.00017	.00007
%RSD	29.732	20.845	24.584	530.75	18.839	13.134	1.2423	191.50

#1	.00296	-.00133	.00242	-.00249	-.00240	.02259	.01400	.00009
#2	.00193	-.00099	.00344	.00144	-.00183	.02721	.01376	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	27.731	-.00061	-.00017	.00108	.04764	.00126	6.3362
Stddev	.00006	.048	.00038	.00018	.00009	.00446	.00000	.0302
%RSD	34.290	.17244	62.298	106.18	8.7768	9.3676	.35574	.47655

#1	-.00020	27.697	-.00088	-.00030	.00102	.05079	.00126	6.3576
#2	-.00012	27.765	-.00034	-.00004	.00115	.04448	.00127	6.3149

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00001	27.802	.00026	.00001	2.1164	.00006	.01887
Stddev	.00036	.00003	.104	.00024	.00006	.0050	.00029	.00260
%RSD	25.600	274.78	.37273	93.083	496.98	.23869	465.62	13.781

#1	-.00116	.00001	27.729	.00009	-.00003	2.1200	.00027	.02071
#2	-.00167	-.00004	27.875	.00043	.00006	2.1128	-.00014	.01703

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3788	2.5322	-.00318	.00082	-.00855	.0476	.13685	<.00000
Stddev	.0090	.0023	.00046	.00001	.00008	.0013	.00037	.10973
%RSD	.20589	.08926	14.521	1.0777	.88796	2.682	.27216	8.9896

#1	4.3851	2.5306	-.00351	.00083	-.00849	.0485	.13659	-1.1431
#2	4.3724	2.5338	-.00285	.00081	-.00860	.0467	.13711	-1.2982

Sample Name: J5881-12 Acquired: 11/13/2018 1:13:03 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .72599
Stddev .08332
%RSD 11.477

#1 .78491
#2 .66707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.9	67410.	5147.3	155.02	4389.0
Stddev	7.5	166.	14.7	1.75	5.2
%RSD	.18428	.24685	.28500	1.1296	.11868

#1	4102.2	67527.	5157.7	156.26	4392.7
#2	4091.5	67292.	5137.0	153.78	4385.3

Sample Name: CCV13 Acquired: 11/13/2018 1:17:07 Type: Unk
Method: P4-ICP2(v2564) 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	4.5238	5.3288	4.9778	4.7238	4.5722	9.6482	9.7836
Stddev	.0070	.0100	.0178	.0117	.0192	.0799	.1129
%RSD	.15408	.18718	.35685	.24665	.41969	.82870	1.1540

#1	4.5288	5.3217	4.9653	4.7320	4.5858	9.5917	9.8634
#2	4.5189	5.3358	4.9904	4.7156	4.5586	9.7047	9.7037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24598	2.5685	24.649	1.0284	2.5207	1.1370	5.0458
Stddev	.00069	.0055	.094	.0063	.0040	.0020	.0776
%RSD	.27970	.21308	.38334	.61327	.16052	.17333	1.5388

#1	.24647	2.5647	24.715	1.0239	2.5179	1.1384	4.9909
#2	.24549	2.5724	24.582	1.0329	2.5236	1.1356	5.1008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5071	24.277	2.5064	1.2298	24.848	2.4947	2.4491
Stddev	.0001	.314	.0070	.0084	.251	.0063	.0355
%RSD	.00297	1.2916	.27809	.67981	1.0082	.25140	1.4508

#1	2.5071	24.498	2.5015	1.2238	25.025	2.4992	2.4239
#2	2.5072	24.055	2.5114	1.2357	24.671	2.4903	2.4742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.219	4.6031	5.1705	4.9274	4.9110	5.0804	4.8116
Stddev	.326	.0068	.0039	.0031	.0346	.0047	.0021
%RSD	1.2920	.14678	.07538	.06325	.70373	.09172	.04296

#1	25.449	4.6079	5.1732	4.9252	4.9355	5.0771	4.8131
#2	24.988	4.5983	5.1677	4.9296	4.8866	5.0837	4.8101

Sample Name: CCV13 Acquired: 11/13/2018 1:17:07 Type: Unk
 Method: P4-ICP2(v2564) 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	4.9592	5.170	4.8779	F<.00000	F 2.0011
Stddev	.0475	.004	.0377	.29363	.1085
%RSD	.95804	.0719	.77239	67.043	5.4240

#1	4.9928	5.167	4.9046	-.64560	2.0778
#2	4.9256	5.172	4.8513	-.23035	1.9243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4124.9	67665.	5196.6	153.97	4140.5
Stddev	7.9	219.	52.0	2.11	3.1
%RSD	.19069	.32313	1.0016	1.3693	.07374

#1	4119.3	67820.	5159.8	155.47	4142.7
#2	4130.4	67511.	5233.4	152.48	4138.4

Sample Name: CCB13 Acquired: 11/13/2018 1:20:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14158 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00004	.00250	-.00006	-.00143	.00980	-.00043
Stddev	.00180	.00098	.00004	.00179	.00051	.01017	.00020
%RSD	766.81	2238.3	1.4703	3009.2	35.479	103.78	45.450

#1	.00151	.00065	.00247	-.00132	-.00107	.00261	-.00029
#2	-.00104	-.00074	.00252	.00120	-.00179	.01698	-.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00013	-.01793	-.00010	.00004	-.00058	.01523
Stddev	.00001	.00006	.00498	.00020	.00012	.00026	.00631
%RSD	94.767	45.402	27.763	198.42	340.02	45.246	41.461

#1	-.00000	-.00017	-.01441	.00004	.00012	-.00039	.01076
#2	-.00002	-.00009	-.02145	-.00024	-.00005	-.00076	.01969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00493	-.00098	.00012	.14719	-.00074	.00006
Stddev	.00000	.02598	.00014	.00081	.01163	.00055	.00000
%RSD	21.942	526.86	14.080	662.38	7.8997	74.165	3.3966

#1	.00002	-.02330	-.00088	.00070	.13897	-.00035	.00006
#2	.00002	.01344	-.00107	-.00045	.15541	-.00113	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02852	.00002	-.00201	-.00733	-.00456	-.00144	.00169
Stddev	.02765	.00019	.00187	.00008	.00081	.00019	.00017
%RSD	96.949	1087.8	92.746	1.0372	17.755	13.105	10.051

#1	.04808	.00015	-.00069	-.00738	-.00399	-.00158	.00157
#2	.00897	-.00012	-.00333	-.00727	-.00514	-.00131	.00181

Sample Name: CCB13 Acquired: 11/13/2018 1:20:52 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14158 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01137	-.0017	.00007	F<.00000	F<.00000
Stddev	.00100	.0015	.00003	.34615	.15917
%RSD	8.8225	92.24	35.777	8.6073	39.212

#1	-.01066	-.0028	.00009	-4.2663	-.29336
#2	-.01208	-.0006	.00006	-3.7768	-.51846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4364.3	72254.	5328.0	162.86	4848.5
Stddev	6.2	105.	39.9	2.23	4.0
%RSD	.14179	.14468	.74930	1.3713	.08285

#1	4360.0	72180.	5299.8	161.28	4845.7
#2	4368.7	72328.	5356.2	164.44	4851.4

Sample Name: J5881-13 Acquired: 11/13/2018 1:24:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00023	.00435	-.00006	-.00280	.00895	.01317	-.00001
Stddev	.00188	.00021	.00033	.00002	.00009	.00319	.00034	.00003
%RSD	112.39	90.135	7.4768	38.178	3.1888	35.665	2.6010	298.86

#1	.00300	-.00038	.00412	-.00005	-.00274	.01121	.01293	-.00003
#2	.00034	-.00008	.00458	-.00008	-.00287	.00670	.01341	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.866	-.00067	-.00013	.00130	.04176	.00131	6.3456
Stddev	.00007	.165	.00066	.00016	.00008	.00051	.00004	.0072
%RSD	86.379	.59139	98.303	119.89	6.4758	1.2137	2.7477	.11344

#1	-.00013	27.749	-.00021	-.00002	.00135	.04212	.00134	6.3405
#2	-.00003	27.983	-.00114	-.00024	.00124	.04140	.00129	6.3507

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	.00001	27.831	.00033	.00031	2.1331	-.00003	.01920
Stddev	.00001	.00096	.213	.00011	.00006	.0038	.00005	.00539
%RSD	.37831	17847.	.76610	32.371	19.828	.17829	198.70	28.043

#1	-.00196	-.00067	27.680	.00025	.00027	2.1358	.00001	.01540
#2	-.00195	.00068	27.982	.00040	.00035	2.1305	-.00007	.02301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3521	2.5225	-.00230	-.00115	-.00784	.0478	.13690	<.00000
Stddev	.0045	.0325	.00012	.00074	.00113	.0004	.00051	.01078
%RSD	.10284	1.2894	5.2863	64.015	14.437	.8678	.37080	.72889

#1	4.3553	2.4995	-.00222	-.00167	-.00864	.0481	.13654	-1.4718
#2	4.3490	2.5455	-.00239	-.00063	-.00704	.0475	.13726	-1.4870

Sample Name: J5881-13 Acquired: 11/13/2018 1:24:58 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .87932
Stddev .61452
%RSD 69.887

#1 .44478
#2 1.3138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4118.1	67673.	5156.2	157.50	4416.7
Stddev	12.1	72.	30.3	.64	17.6
%RSD	.29320	.10656	.58755	.40685	.39779

#1	4126.7	67724.	5177.6	157.05	4429.1
#2	4109.6	67622.	5134.8	157.95	4404.2

Sample Name: J5881-14 Acquired: 11/13/2018 1:29:02 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00210	-.00066	.00369	-.00134	-.00421	.00867	.01371	.00002
Stddev	.00125	.00149	.00019	.00259	.00088	.01065	.00029	.00001
%RSD	59.435	226.66	5.0367	193.29	20.982	122.80	2.0963	61.487

#1	.00299	.00040	.00382	-.00317	-.00484	.00114	.01350	.00003
#2	.00122	-.00171	.00356	.00049	-.00359	.01620	.01391	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	28.132	-.00078	-.00021	.00112	.04578	.00158	6.3310
Stddev	.00004	.007	.00026	.00012	.00001	.00156	.00002	.0383
%RSD	29.859	.02448	33.902	55.770	1.1893	3.4037	.97410	.60508

#1	-.00009	28.127	-.00096	-.00013	.00113	.04468	.00159	6.3581
#2	-.00014	28.137	-.00059	-.00030	.00112	.04688	.00157	6.3040

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00131	.00009	27.982	.00002	.00081	2.1670	.00009	.02543
Stddev	.00009	.00028	.069	.00012	.00003	.0257	.00014	.00020
%RSD	7.0072	305.03	.24633	736.37	4.0556	1.1874	150.32	.79530

#1	-.00137	.00029	27.933	.00010	.00083	2.1851	.00019	.02529
#2	-.00124	-.00011	28.030	-.00007	.00079	2.1488	-.00001	.02558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3846	2.5587	-.00321	.00060	-.00760	.0500	.13782	<.00000
Stddev	.0070	.0236	.00033	.00007	.00102	.0003	.00018	.19960
%RSD	.15871	.92289	10.156	11.264	13.467	.6382	.13094	11.963

#1	4.3797	2.5420	-.00344	.00065	-.00833	.0503	.13794	-1.5274
#2	4.3895	2.5754	-.00298	.00055	-.00688	.0498	.13769	-1.8097

Sample Name: J5881-14 Acquired: 11/13/2018 1:29:02 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0117
Stddev	.2164
%RSD	21.391

#1	.85868
#2	1.1647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4117.9	67457.	5096.2	154.33	4406.0
Stddev	11.3	32.	41.2	1.97	19.1
%RSD	.27373	.04754	.80912	1.2738	.43403

#1	4125.8	67480.	5125.3	155.72	4419.5
#2	4109.9	67434.	5067.0	152.94	4392.5

Sample Name: J5881-15 Acquired: 11/13/2018 1:33:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00025	.00451	.00036	-.00386	.00900	.01413	.00002
Stddev	.00016	.00094	.00052	.00154	.00180	.00128	.00000	.00000
%RSD	32.276	373.20	11.573	424.79	46.587	14.224	.00192	24.522

#1	.00061	.00041	.00414	.00145	-.00513	.00990	.01413	.00002
#2	.00038	-.00092	.00488	-.00073	-.00259	.00809	.01413	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	28.019	-.00070	.00005	.00115	.04900	.00134	6.2351
Stddev	.00004	.086	.00024	.00009	.00015	.00634	.00004	.0154
%RSD	23.172	.30853	34.053	178.47	13.010	12.945	2.7454	.24694

#1	-.00020	28.080	-.00087	.00012	.00104	.04452	.00136	6.2460
#2	-.00014	27.958	-.00053	-.00001	.00125	.05349	.00131	6.2242

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	.00032	27.688	.00034	.00020	2.1338	.00000	.02036
Stddev	.00002	.00021	.007	.00081	.00000	.0169	.00000	.00912
%RSD	1.4661	66.579	.02632	235.86	1.6269	.78945	10.244	44.809

#1	-.00154	.00047	27.693	.00091	.00020	2.1219	.00000	.02680
#2	-.00151	.00017	27.683	-.00023	.00020	2.1457	.00000	.01391

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3672	2.5204	-.00287	-.00083	-.00918	.0491	.13822	<.00000
Stddev	.0074	.0080	.00059	.00071	.00148	.0017	.00057	.07816
%RSD	.16842	.31715	20.718	86.159	16.080	3.444	.41043	7.8677

#1	4.3620	2.5148	-.00245	-.00133	-.01022	.0479	.13862	-.93818
#2	4.3724	2.5261	-.00329	-.00032	-.00813	.0503	.13782	-1.0487

Sample Name: J5881-15 Acquired: 11/13/2018 1:33:06 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .90835
Stddev .04212
%RSD 4.6368

#1 .93813
#2 .87857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.8	67337.	5131.9	155.98	4396.8
Stddev	1.1	93.	2.9	1.19	6.2
%RSD	.02794	.13834	.05650	.76372	.13992

#1	4104.6	67403.	5133.9	156.82	4401.1
#2	4103.0	67271.	5129.8	155.14	4392.4

Sample Name: J5881-16 Acquired: 11/13/2018 1:37:10 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	-.00086	.00287	-.00066	-.00366	.00231	.01426	.00004
Stddev	.00134	.00225	.00072	.00361	.00187	.00875	.00034	.00000
%RSD	68.622	259.83	25.014	549.62	51.111	379.19	2.3898	9.0122

#1	.00291	.00072	.00338	-.00321	-.00234	.00849	.01450	.00004
#2	.00101	-.00245	.00236	.00190	-.00499	-.00388	.01402	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	27.980	-.00056	.00009	.00113	.04654	.00138	6.2730
Stddev	.00002	.164	.00016	.00001	.00007	.00550	.00004	.0571
%RSD	13.585	.58694	29.211	10.328	5.9927	11.820	3.0276	.91034

#1	-.00019	28.096	-.00068	.00009	.00109	.04265	.00141	6.3134
#2	-.00016	27.864	-.00045	.00008	.00118	.05043	.00135	6.2326

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00172	-.00014	27.840	-.00033	.00028	2.1325	.00023	.02038
Stddev	.00008	.00064	.259	.00014	.00005	.0532	.00002	.01061
%RSD	4.8541	473.00	.92903	41.616	17.001	2.4953	9.9736	52.057

#1	-.00166	-.00059	28.023	-.00023	.00031	2.1702	.00025	.01288
#2	-.00178	.00032	27.657	-.00042	.00024	2.0949	.00021	.02788

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3636	2.5221	-.00263	.00061	-.00636	.0490	.13796	<.00000
Stddev	.0061	.0110	.00060	.00028	.00059	.0002	.00065	.60199
%RSD	.14034	.43762	22.842	45.714	9.2508	.4834	.46980	38.660

#1	4.3679	2.5299	-.00305	.00041	-.00678	.0492	.13841	-1.1315
#2	4.3592	2.5143	-.00221	.00081	-.00595	.0488	.13750	-1.9828

Sample Name: J5881-16 Acquired: 11/13/2018 1:37:10 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1118
Stddev .4688
%RSD 42.166

#1 .78029
#2 1.4433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4125.5	67237.	5119.6	156.51	4410.5
Stddev	1.2	280.	74.7	4.41	2.9
%RSD	.02985	.41608	1.4591	2.8166	.06510

#1	4126.3	67039.	5066.8	153.39	4412.5
#2	4124.6	67435.	5172.4	159.62	4408.4

Sample Name: J5881-17 Acquired: 11/13/2018 1:41:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00087	.00391	-.00119	-.00234	.01673	.01313	.00005
Stddev	.00402	.00040	.00096	.00075	.00071	.01319	.00037	.00001
%RSD	202.40	46.209	24.612	63.132	30.557	78.844	2.7941	26.348

#1	.00483	-.00059	.00323	-.00066	-.00284	.02606	.01287	.00004
#2	-.00086	-.00116	.00459	-.00172	-.00183	.00740	.01339	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	28.276	-.00011	-.00005	.00127	.04988	.00150	6.7604
Stddev	.00005	.209	.00032	.00027	.00013	.00461	.00002	.0944
%RSD	40.843	.73848	287.10	519.23	10.132	9.2339	1.5954	1.3956

#1	-.00009	28.424	.00011	-.00024	.00118	.05314	.00152	6.8271
#2	-.00017	28.128	-.00034	.00014	.00136	.04662	.00148	6.6937

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	-.00006	32.052	.00010	.00037	2.3225	.00015	.02393
Stddev	.00017	.00038	.312	.00033	.00013	.0175	.00002	.00541
%RSD	10.192	651.91	.97434	339.31	34.585	.75485	16.475	22.626

#1	-.00155	-.00033	32.273	-.00014	.00046	2.3349	.00013	.02776
#2	-.00179	.00021	31.831	.00033	.00028	2.3101	.00016	.02010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7256	2.5043	-.00299	.00121	-.00841	.0512	.14104	<.00000
Stddev	.0068	.0111	.00049	.00189	.00172	.0003	.00049	.13825
%RSD	.14356	.44436	16.572	156.65	20.451	.6271	.34853	8.8767

#1	4.7304	2.5122	-.00334	-.00013	-.00963	.0510	.14138	-1.6553
#2	4.7208	2.4964	-.00264	.00255	-.00720	.0515	.14069	-1.4597

Sample Name: J5881-17 Acquired: 11/13/2018 1:41:13 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3792
Stddev .1943
%RSD 14.089

#1 1.5166
#2 1.2418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.7	67152.	5165.3	155.77	4369.1
Stddev	1.9	144.	43.6	4.58	2.9
%RSD	.04613	.21468	.84406	2.9391	.06525

#1	4098.0	67254.	5134.5	152.54	4367.1
#2	4095.4	67050.	5196.1	159.01	4371.1

Sample Name: J5881-18 Acquired: 11/13/2018 1:45:18 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00176	.00310	.00134	-.00287	.01051	.01319	.00005
Stddev	.00060	.00205	.00149	.00199	.00169	.00331	.00005	.00006
%RSD	42.842	116.62	48.149	148.73	58.678	31.521	.36708	130.95

#1	.00182	-.00321	.00204	.00275	-.00168	.00817	.01316	.00000
#2	.00097	-.00031	.00415	-.00007	-.00407	.01285	.01322	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	27.960	-.00032	-.00005	.00109	.04405	.00121	6.7546
Stddev	.00006	.037	.00034	.00026	.00001	.00837	.00001	.0084
%RSD	41.921	.13063	106.20	565.12	.93361	18.992	.43549	.12458

#1	-.00018	27.934	-.00008	-.00023	.00109	.03813	.00121	6.7486
#2	-.00010	27.986	-.00056	.00014	.00108	.04996	.00122	6.7605

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.00029	32.140	-.00028	.00006	2.3403	.00014	.01385
Stddev	.00018	.00009	.177	.00019	.00009	.0169	.00005	.00181
%RSD	10.780	30.582	.54962	67.062	164.61	.72128	39.551	13.079

#1	-.00175	.00022	32.015	-.00015	-.00001	2.3283	.00010	.01513
#2	-.00150	.00035	32.265	-.00042	.00012	2.3522	.00018	.01257

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6621	2.5031	-.00220	.00122	-.00808	.0496	.14025	<.00000
Stddev	.0001	.0297	.00051	.00147	.00035	.0004	.00017	.06572
%RSD	.00277	1.1865	23.033	120.61	4.3439	.8015	.11905	4.3620

#1	4.6620	2.4821	-.00184	.00226	-.00833	.0493	.14013	-1.4601
#2	4.6622	2.5241	-.00256	.00018	-.00784	.0499	.14037	-1.5531

Sample Name: J5881-18 Acquired: 11/13/2018 1:45:18 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .87233
 Stddev .09061
 %RSD 10.388

#1 .80825
 #2 .93640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.6	67205.	5146.1	156.81	4380.7
Stddev	6.1	183.	35.7	2.35	2.7
%RSD	.14981	.27195	.69307	1.4991	.06215

#1	4107.9	67076.	5171.3	158.48	4382.6
#2	4099.3	67334.	5120.9	155.15	4378.7

Sample Name: J5881-19 Acquired: 11/13/2018 1:49:22 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00479	-.00015	.00280	.00054	-.00262	-.00539	.01291	.00007
Stddev	.00004	.00025	.00086	.00010	.00044	.01209	.00002	.00007
%RSD	.92801	163.28	30.621	18.338	16.732	224.51	.18230	99.329

#1	.00476	-.00033	.00340	.00047	-.00293	.00316	.01293	.00002
#2	.00483	.00002	.00219	.00061	-.00231	-.01394	.01289	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	27.965	-.00068	-.00006	.00096	.04289	.00123	6.7657
Stddev	.00002	.021	.00005	.00010	.00021	.00051	.00000	.0024
%RSD	15.654	.07485	7.0925	164.67	22.215	1.1992	.14843	.03625

#1	-.00013	27.950	-.00065	-.00013	.00111	.04253	.00124	6.7675
#2	-.00017	27.979	-.00072	.00001	.00081	.04326	.00123	6.7640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.00012	32.392	.00002	.00017	2.3065	.00001	.02495
Stddev	.00030	.00026	.114	.00009	.00005	.0164	.00010	.01200
%RSD	28.498	213.43	.35242	576.92	28.625	.70895	750.52	48.097

#1	-.00128	.00030	32.473	-.00005	.00020	2.2949	-.00006	.03343
#2	-.00085	-.00006	32.311	.00008	.00013	2.3181	.00008	.01646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7094	2.4909	-.00300	.00209	-.00893	.0523	.14140	<.00000
Stddev	.0009	.0125	.00013	.00066	.00099	.0007	.00037	.08336
%RSD	.01984	.50142	4.4377	31.722	11.120	1.288	.26459	5.5497

#1	4.7101	2.4821	-.00291	.00162	-.00823	.0518	.14113	-1.5611
#2	4.7088	2.4997	-.00310	.00256	-.00964	.0528	.14166	-1.4432

Sample Name: J5881-19 Acquired: 11/13/2018 1:49:22 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1678
 Stddev .3746
 %RSD 32.080

#1 .90288
 #2 1.4327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.7	67606.	5183.5	156.60	4407.2
Stddev	.6	197.	.2	1.82	3.0
%RSD	.01457	.29167	.00292	1.1595	.06702

#1	4127.2	67746.	5183.6	157.88	4405.1
#2	4126.3	67467.	5183.4	155.32	4409.2

Sample Name: J5881-20 Acquired: 11/13/2018 1:53:26 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00180	.00252	-.00152	-.00260	.00200	.01368	.00001
Stddev	.00029	.00092	.00090	.00046	.00146	.00803	.00092	.00003
%RSD	23.905	50.925	35.842	30.536	56.170	401.96	6.6997	276.86

#1	.00144	-.00115	.00188	-.00185	-.00157	-.00368	.01433	-.00001
#2	.00102	-.00245	.00316	-.00119	-.00363	.00768	.01303	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	28.623	-.00065	-.00001	.00122	.04647	.00137	6.9472
Stddev	.00001	.071	.00025	.00004	.00035	.00044	.00006	.0208
%RSD	5.2154	.24730	39.056	299.94	28.765	.95069	4.6375	.29913

#1	-.00010	28.673	-.00047	.00001	.00147	.04678	.00141	6.9619
#2	-.00009	28.573	-.00083	-.00004	.00097	.04615	.00132	6.9325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00005	33.164	.00046	.00095	2.3623	.00009	.01820
Stddev	.00001	.00028	.241	.00014	.00000	.0473	.00003	.00106
%RSD	.36882	537.81	.72784	31.162	.24615	2.0037	29.901	5.8202

#1	-.00183	.00015	33.334	.00056	.00095	2.3957	.00011	.01895
#2	-.00182	-.00025	32.993	.00036	.00095	2.3288	.00007	.01745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7995	2.5591	-.00318	-.00010	-.00821	.0524	.14377	<.00000
Stddev	.0053	.0092	.00040	.00061	.00230	.0011	.00026	.11690
%RSD	.11149	.36109	12.541	620.56	28.015	2.079	.18137	8.0701

#1	4.7957	2.5656	-.00290	.00033	-.00984	.0532	.14395	-1.3660
#2	4.8033	2.5525	-.00346	-.00053	-.00659	.0517	.14358	-1.5313

Sample Name: J5881-20 Acquired: 11/13/2018 1:53:26 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0129
Stddev .0492
%RSD 4.8567

#1 1.0477
#2 .97810

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.7	67089.	5124.1	153.53	4378.1
Stddev	4.7	4.	12.1	.16	9.0
%RSD	.11451	.00584	.23597	.10254	.20597

#1	4103.0	67086.	5115.5	153.65	4371.7
#2	4096.4	67092.	5132.6	153.42	4384.5

Sample Name: J5904-02 Acquired: 11/13/2018 1:57:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00106	.00328	-.00070	-.00235	.00414	.01163	.00003
Stddev	.00242	.00110	.00049	.00086	.00107	.00390	.00072	.00002
%RSD	186.94	103.97	14.925	122.53	45.434	94.211	6.2155	68.913
#1	.00301	-.00184	.00362	-.00009	-.00310	.00138	.01112	.00004
#2	-.00042	-.00028	.00293	-.00130	-.00159	.00690	.01214	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	27.501	-.00027	-.00002	.00152	.03726	.00163	7.6011
Stddev	.00002	.123	.00009	.00028	.00013	.00432	.00002	.0454
%RSD	19.630	.44742	32.322	1500.6	8.3199	11.596	1.0459	.59785
#1	-.00008	27.414	-.00034	.00018	.00161	.04032	.00162	7.6333
#2	-.00010	27.588	-.00021	-.00021	.00143	.03421	.00164	7.5690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00205	-.00003	40.972	.00020	.00043	2.6712	-.00005	.01901
Stddev	.00040	.00024	.006	.00102	.00010	.0173	.00025	.00663
%RSD	19.576	784.89	.01554	509.49	22.366	.64710	487.23	34.893
#1	-.00233	-.00020	40.967	-.00052	.00050	2.6834	-.00023	.01432
#2	-.00176	.00014	40.976	.00092	.00037	2.6589	.00013	.02370
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3544	2.4102	-.00283	-.00070	-.00739	.0591	.14306	<.00000
Stddev	.0007	.0037	.00077	.00016	.00003	.0008	.00047	.05267
%RSD	.01345	.15224	27.257	22.942	.35332	1.396	.33059	5.6086
#1	5.3549	2.4076	-.00337	-.00081	-.00737	.0597	.14273	-.97624
#2	5.3539	2.4128	-.00228	-.00058	-.00741	.0585	.14340	-.90176

Sample Name: J5904-02 Acquired: 11/13/2018 1:57:30 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .62810
Stddev .21189
%RSD 33.736

#1 .77793
#2 .47827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4096.8	66785.	5146.3	156.02	4354.6
Stddev	4.4	4.	.5	.85	3.1
%RSD	.10714	.00611	.00970	.54781	.07139

#1	4093.7	66783.	5146.6	155.42	4356.8
#2	4099.9	66788.	5145.9	156.63	4352.4

Sample Name: J5904-03 Acquired: 11/13/2018 2:01:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	-.00112	.00306	-.00133	-.00252	.00633	.01152	.00006
Stddev	.00101	.00094	.00113	.00038	.00167	.00373	.00010	.00005
%RSD	40.013	83.852	36.913	28.449	66.566	58.940	.83289	88.179

#1	.00181	-.00045	.00226	-.00160	-.00133	.00369	.01159	.00002
#2	.00325	-.00178	.00385	-.00106	-.00370	.00897	.01145	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	27.117	-.00043	.00005	.00097	.04498	.00119	7.2560
Stddev	.00003	.137	.00013	.00004	.00001	.00749	.00001	.0933
%RSD	20.568	.50578	29.297	66.871	.53222	16.647	.79260	1.2858

#1	-.00014	27.214	-.00052	.00008	.00097	.05027	.00118	7.3220
#2	-.00019	27.020	-.00034	.00003	.00097	.03968	.00119	7.1900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	-.00017	37.383	.00008	.00006	2.5056	.00031	.02288
Stddev	.00021	.00014	.391	.00025	.00004	.0241	.00031	.00258
%RSD	11.983	79.212	1.0449	326.24	76.702	.96263	100.95	11.262

#1	-.00162	-.00027	37.659	.00026	.00009	2.5226	.00009	.02470
#2	-.00191	-.00008	37.106	-.00010	.00003	2.4885	.00053	.02106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0763	2.4182	-.00292	-.00080	-.00944	.0502	.14044	<.00000
Stddev	.0025	.0121	.00012	.00132	.00153	.0012	.00098	.05385
%RSD	.04995	.50162	4.0159	166.35	16.249	2.399	.69889	3.5429

#1	5.0745	2.4267	-.00300	-.00173	-.01053	.0510	.14113	-1.4817
#2	5.0781	2.4096	-.00284	.00014	-.00836	.0493	.13975	-1.5579

Sample Name: J5904-03 Acquired: 11/13/2018 2:01:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93619
Stddev .35887
%RSD 38.333

#1 .68244
#2 1.1900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4091.2	67326.	5144.3	154.12	4364.3
Stddev	10.7	21.	35.7	4.05	2.1
%RSD	.26116	.03119	.69478	2.6273	.04835

#1	4083.7	67311.	5119.0	151.26	4365.8
#2	4098.8	67341.	5169.6	156.99	4362.8

Sample Name: CCV14 Acquired: 11/13/2018 2:05:36 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14158 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5197	5.3176	4.9450	4.7496	4.5669	9.7998	9.7782
Stddev	.0106	.0183	.0268	.0044	.0083	.0662	.0197
%RSD	.23431	.34453	.54302	.09204	.18057	.67538	.20166

#1	4.5122	5.3047	4.9260	4.7465	4.5611	9.8466	9.7921
#2	4.5272	5.3306	4.9640	4.7527	4.5727	9.7530	9.7642

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24731	2.5588	24.757	1.0369	2.5061	1.1388	5.1078
Stddev	.00113	.0068	.113	.0034	.0082	.0016	.0018
%RSD	.45575	.26476	.45582	.32679	.32879	.14337	.03544

#1	.24811	2.5540	24.677	1.0393	2.5003	1.1400	5.1090
#2	.24651	2.5636	24.836	1.0345	2.5119	1.1377	5.1065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5234	24.188	2.4942	1.2430	24.988	2.5109	2.4494
Stddev	.0089	.121	.0074	.0062	.004	.0109	.0126
%RSD	.35255	.49947	.29812	.49612	.01450	.43568	.51457

#1	2.5297	24.273	2.4890	1.2474	24.991	2.5186	2.4404
#2	2.5171	24.102	2.4995	1.2387	24.986	2.5031	2.4583

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.095	4.5983	5.1830	4.9178	4.8982	5.0507	4.8227
Stddev	.004	.0100	.0212	.0216	.0265	.0113	.0123
%RSD	.01440	.21648	.40840	.43889	.54056	.22434	.25540

#1	25.093	4.5912	5.1979	4.9025	4.8794	5.0426	4.8314
#2	25.098	4.6053	5.1680	4.9331	4.9169	5.0587	4.8140

Sample Name: CCV14 Acquired: 11/13/2018 2:05:36 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14158 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.9745	5.166	4.8830	F<.00000	F 2.3227
Stddev	.0011	.025	.0198	.39663	.1454
%RSD	.02301	.4786	.40594	141.64	6.2580

#1	4.9753	5.149	4.8690	.00042	2.4255
#2	4.9737	5.183	4.8970	-.56049	2.2200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4126.1	67182.	5227.6	153.60	4156.2
Stddev	9.3	451.	6.4	.15	2.8
%RSD	.22625	.67204	.12242	.09484	.06651

#1	4119.5	66863.	5232.1	153.71	4154.3
#2	4132.7	67501.	5223.1	153.50	4158.2

Sample Name: CCB14 Acquired: 11/13/2018 2:09:22 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7674 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00249	-.00090	.00275	-.00074	-.00213	.00562	.00019
Stddev	.00050	.00082	.00053	.00057	.00036	.00134	.00047
%RSD	20.135	91.160	19.255	76.469	16.681	23.820	250.29

#1	-.00213	-.00032	.00238	-.00114	-.00238	.00657	-.00014
#2	-.00284	-.00148	.00313	-.00034	-.00188	.00468	.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00013	.00013	-.00021	-.00016	-.00051	.00904
Stddev	.00003	.00005	.00418	.00037	.00005	.00015	.01320
%RSD	95.424	34.882	3288.5	179.39	29.981	29.361	146.03

#1	-.00001	-.00017	.00308	.00006	-.00013	-.00061	.01837
#2	-.00005	-.00010	-.00283	-.00047	-.00019	-.00040	-.00029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00415	-.00099	.00001	.09782	-.00041	-.00011
Stddev	.00002	.02181	.00024	.00018	.00782	.00004	.00005
%RSD	104.88	525.20	23.900	1512.3	7.9948	10.762	41.704

#1	-.00003	-.01957	-.00116	.00014	.09229	-.00044	-.00008
#2	-.00000	.01127	-.00082	-.00011	.10335	-.00038	-.00015

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00561	.00024	.00531	-.00886	-.00427	-.00081	-.00015
Stddev	.00965	.00016	.00500	.00047	.00051	.00013	.00077
%RSD	172.06	67.333	94.262	5.3524	11.989	16.087	507.63

#1	.01243	.00013	.00177	-.00853	-.00391	-.00072	.00039
#2	-.00122	.00036	.00884	-.00920	-.00464	-.00091	-.00069

Sample Name: CCB14 Acquired: 11/13/2018 2:09:22 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7674 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01060	-.0007	.00005	F<.00000	F .16335
Stddev	.00023	.0003	.00005	.60745	.13158
%RSD	2.2144	38.32	109.14	16.340	80.555

#1	-.01077	-.0009	.00001	-3.2880	.25639
#2	-.01044	-.0005	.00009	-4.1471	.07030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4372.7	71710.	5283.2	160.33	4851.9
Stddev	12.0	427.	6.8	1.20	11.9
%RSD	.27335	.59610	.12946	.74608	.24591

#1	4381.2	71408.	5288.0	159.48	4860.4
#2	4364.3	72012.	5278.4	161.18	4843.5

Sample Name: J5904-04 Acquired: 11/13/2018 2:13:29 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00137	.00349	-.00095	-.00268	.00295	.01164	.00003
Stddev	.00117	.00020	.00118	.00114	.00010	.01175	.00055	.00005
%RSD	64.767	14.652	33.880	120.98	3.7909	398.58	4.7369	137.80

#1	.00264	-.00123	.00265	-.00014	-.00275	-.00536	.01125	.00000
#2	.00098	-.00151	.00432	-.00176	-.00261	.01125	.01203	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	27.173	-.00045	-.00016	.00112	.04353	.00106	7.3033
Stddev	.00005	.031	.00024	.00005	.00007	.00651	.00005	.0036
%RSD	23.106	.11471	53.840	32.114	6.5480	14.951	4.7400	.04932

#1	-.00026	27.195	-.00063	-.00020	.00106	.04813	.00110	7.3007
#2	-.00019	27.151	-.00028	-.00013	.00117	.03893	.00103	7.3058

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.00021	37.474	.00013	.00012	2.5085	-.00006	.02050
Stddev	.00024	.00025	.220	.00024	.00009	.0377	.00002	.00446
%RSD	15.016	116.77	.58622	184.93	79.082	1.5040	41.812	21.768

#1	-.00174	.00039	37.319	.00030	.00005	2.4818	-.00004	.02366
#2	-.00141	.00004	37.630	-.00004	.00018	2.5352	-.00007	.01735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1242	2.4331	-.00239	.00052	-.00882	.0508	.14048	<.00000
Stddev	.0021	.0049	.00096	.00139	.00008	.0001	.00038	.61011
%RSD	.04163	.20036	40.344	267.29	.87766	.1329	.27168	56.856

#1	5.1227	2.4297	-.00307	.00151	-.00877	.0508	.14022	-1.5045
#2	5.1257	2.4366	-.00170	-.00046	-.00888	.0509	.14075	-.64167

Sample Name: J5904-04 Acquired: 11/13/2018 2:13:29 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4976
 Stddev .1099
 %RSD 7.3364

#1 1.5753
 #2 1.4199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.9	66985.	5134.9	155.46	4384.2
Stddev	1.0	276.	32.3	2.21	1.0
%RSD	.02534	.41128	.62911	1.4241	.02353

#1	4115.2	67180.	5157.8	157.03	4383.5
#2	4116.7	66790.	5112.1	153.90	4384.9

Sample Name: J5904-05 Acquired: 11/13/2018 2:17:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00103	.00352	-.00127	-.00250	.01129	.01440	.00008
Stddev	.00075	.00051	.00035	.00212	.00066	.00224	.00015	.00006
%RSD	66.568	49.431	10.055	165.96	26.287	19.831	1.0302	76.033

#1	-.00167	-.00139	.00327	.00022	-.00297	.00971	.01451	.00012
#2	-.00060	-.00067	.00377	-.00277	-.00204	.01287	.01430	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	27.180	-.00012	-.00000	.00096	.04708	.00145	5.5259
Stddev	.00004	.090	.00012	.00014	.00006	.00291	.00002	.0114
%RSD	34.056	.33293	96.447	6905.4	6.0704	6.1861	1.4433	.20602

#1	-.00015	27.244	-.00021	.00010	.00100	.04914	.00143	5.5340
#2	-.00009	27.116	-.00004	-.00010	.00092	.04502	.00146	5.5179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00020	21.451	.00058	.00002	1.7724	-.00003	.01579
Stddev	.00037	.00020	.259	.00067	.00000	.0029	.00001	.00620
%RSD	18.737	100.29	1.2054	115.56	14.927	.16304	36.600	39.256

#1	-.00225	.00006	21.634	.00105	.00002	1.7744	-.00002	.02017
#2	-.00172	.00034	21.268	.00011	.00003	1.7703	-.00003	.01141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8741	2.4555	-.00218	.00106	-.00831	.0395	.13115	<.00000
Stddev	.0147	.0208	.00023	.00193	.00118	.0003	.00046	.08505
%RSD	.37908	.84621	10.418	182.02	14.218	.8307	.35438	6.3686

#1	3.8638	2.4702	-.00234	.00242	-.00915	.0392	.13148	-1.3956
#2	3.8845	2.4408	-.00202	-.00030	-.00748	.0397	.13082	-1.2754

Sample Name: J5904-05 Acquired: 11/13/2018 2:17:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .67063
Stddev .59332
%RSD 88.471

#1 1.0902
#2 .25110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.4	67284.	5125.9	155.06	4430.4
Stddev	5.5	188.	34.8	.24	5.2
%RSD	.13247	.27985	.67980	.15197	.11649

#1	4119.2	67151.	5101.3	154.89	4426.8
#2	4111.5	67417.	5150.5	155.23	4434.1

Sample Name: J5904-06 Acquired: 11/13/2018 2:21:37 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00032	.00228	-.00014	-.00282	.00869	.01387	.00005
Stddev	.00153	.00130	.00062	.00228	.00242	.01341	.00013	.00007
%RSD	83.785	411.07	27.281	1607.1	85.972	154.35	.95044	137.10

#1	.00292	-.00123	.00184	-.00175	-.00110	-.00079	.01378	.00010
#2	.00075	.00060	.00272	.00147	-.00453	.01817	.01396	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	27.419	-.00012	.00013	.00116	.05002	.00146	5.4917
Stddev	.00002	.065	.00020	.00006	.00039	.00777	.00001	.0272
%RSD	8.9720	.23790	175.85	48.777	33.532	15.528	.52170	.49463

#1	-.00021	27.465	.00003	.00009	.00143	.04453	.00146	5.5109
#2	-.00023	27.372	-.00026	.00018	.00088	.05551	.00147	5.4725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.00018	21.442	-.00010	.00012	1.7521	-.00011	.00914
Stddev	.00025	.00001	.085	.00051	.00020	.0530	.00016	.01730
%RSD	15.625	3.0290	.39462	518.66	160.52	3.0254	148.90	189.29

#1	-.00145	.00019	21.502	.00026	.00026	1.7896	.00001	-.00309
#2	-.00181	.00018	21.382	-.00046	-.00002	1.7146	-.00022	.02137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8861	2.4655	-.00245	.00019	-.00914	.0392	.13183	<.00000
Stddev	.0120	.0087	.00024	.00080	.00090	.0022	.00014	.28291
%RSD	.30963	.35416	9.9708	407.95	9.8223	5.491	.10854	16.008

#1	3.8776	2.4717	-.00227	.00076	-.00850	.0407	.13193	-1.5673
#2	3.8946	2.4593	-.00262	-.00037	-.00977	.0377	.13173	-1.9674

Sample Name: J5904-06 Acquired: 11/13/2018 2:21:37 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .69227
 Stddev .03893
 %RSD 5.6230

#1 .71980
 #2 .66475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4114.6	67373.	5136.9	158.54	4435.4
Stddev	2.0	28.	26.5	.17	5.3
%RSD	.04746	.04116	.51613	.10983	.12028

#1	4113.3	67353.	5118.2	158.67	4439.1
#2	4116.0	67393.	5155.7	158.42	4431.6

Sample Name: J5904-07 Acquired: 11/13/2018 2:25:41 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00103	.00387	.00048	-.00306	.00389	.01415	.00000
Stddev	.00062	.00024	.00046	.00254	.00021	.00212	.00043	.00005
%RSD	9577.9	23.586	11.932	526.12	6.7546	54.587	3.0033	1190.8

#1	.00044	-.00086	.00354	-.00131	-.00321	.00239	.01446	.00004
#2	-.00043	-.00120	.00420	.00228	-.00291	.00539	.01385	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	27.167	-.00067	.00007	.00049	.05001	.00144	5.5441
Stddev	.00009	.053	.00003	.00023	.00036	.00682	.00003	.0617
%RSD	40.615	.19498	3.9969	322.04	73.613	13.634	2.0734	1.1138

#1	-.00015	27.205	-.00065	.00024	.00023	.04519	.00142	5.5005
#2	-.00027	27.130	-.00069	-.00009	.00074	.05483	.00147	5.5878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.00027	21.511	-.00005	.00005	1.7696	-.00005	.01635
Stddev	.00011	.00048	.033	.00008	.00010	.0361	.00003	.00258
%RSD	5.2778	174.44	.15455	153.79	205.50	2.0381	47.168	15.808

#1	-.00219	-.00061	21.534	.00000	.00012	1.7441	-.00004	.01818
#2	-.00204	.00006	21.487	-.00011	-.00002	1.7951	-.00007	.01452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9812	2.4541	-.00220	-.00076	-.00809	.0408	.13103	<.00000
Stddev	.0453	.0238	.00081	.00144	.00069	.0006	.00027	.46615
%RSD	1.1377	.96904	36.647	190.16	8.4683	1.476	.20642	28.687

#1	3.9492	2.4710	-.00163	.00026	-.00761	.0403	.13123	-1.9546
#2	4.0132	2.4373	-.00277	-.00178	-.00858	.0412	.13084	-1.2954

Sample Name: J5904-07 Acquired: 11/13/2018 2:25:41 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .99344
 Stddev .12691
 %RSD 12.775

#1 1.0832
 #2 .90370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4035.2	67249.	5138.5	157.68	4355.2
Stddev	30.3	264.	20.7	1.31	33.5
%RSD	.75136	.39247	.40292	.82883	.76883

#1	4056.6	67436.	5123.8	156.75	4378.9
#2	4013.7	67062.	5153.1	158.60	4331.5

Sample Name: J5904-08 Acquired: 11/13/2018 2:29:45 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00084	.00312	.00014	-.00332	.01139	.01396	-.00001
Stddev	.00005	.00044	.00054	.00083	.00025	.00382	.00030	.00006
%RSD	2.2635	53.173	17.431	581.39	7.6534	33.492	2.1537	966.53

#1	.00202	-.00052	.00351	-.00044	-.00350	.00870	.01417	-.00005
#2	.00196	-.00115	.00274	.00073	-.00314	.01409	.01375	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	27.296	-.00054	.00003	.00068	.04792	.00163	5.6023
Stddev	.00003	.001	.00004	.00027	.00022	.00294	.00000	.0232
%RSD	22.253	.00341	7.8657	979.17	32.807	6.1294	.14547	.41328

#1	-.00011	27.295	-.00057	-.00016	.00053	.05000	.00162	5.6187
#2	-.00015	27.297	-.00051	.00022	.00084	.04585	.00163	5.5860

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	-.00017	22.333	.00056	-.00000	1.8321	-.00024	.02032
Stddev	.00032	.00023	.256	.00048	.00017	.0394	.00016	.00448
%RSD	23.155	138.63	1.1483	86.489	5509.1	2.1500	67.743	22.072

#1	-.00160	-.00000	22.514	.00022	.00012	1.8600	-.00036	.01715
#2	-.00115	-.00033	22.152	.00090	-.00012	1.8043	-.00013	.02349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9850	2.4982	-.00300	.00017	-.00858	.0392	.13218	<.00000
Stddev	.0252	.0043	.00018	.00111	.00041	.0009	.00038	.26123
%RSD	.63247	.17269	5.9231	651.94	4.7377	2.276	.28817	14.256

#1	3.9672	2.5012	-.00313	-.00061	-.00829	.0385	.13191	-1.6477
#2	4.0028	2.4951	-.00288	.00095	-.00886	.0398	.13245	-2.0171

Sample Name: J5904-08 Acquired: 11/13/2018 2:29:45 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0393
 Stddev .3114
 %RSD 29.963

#1 .81912
 #2 1.2595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4114.8	67180.	5103.5	154.73	4432.2
Stddev	9.2	40.	20.7	.34	4.0
%RSD	.22463	.05892	.40603	.22086	.09107

#1	4121.3	67152.	5088.9	154.98	4435.0
#2	4108.3	67208.	5118.2	154.49	4429.3

Sample Name: J5904-09 Acquired: 11/13/2018 2:33:49 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00090	-.00092	.00323	-.00111	-.00415	-.00204	.01422	-.00004
Stddev	.00233	.00124	.00053	.00149	.00169	.00572	.00040	.00001
%RSD	260.07	135.48	16.293	134.43	40.785	279.92	2.8081	35.433

#1	-.00075	-.00004	.00361	-.00005	-.00534	.00200	.01394	-.00003
#2	.00254	-.00179	.00286	-.00216	-.00295	-.00609	.01450	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	27.297	-.00020	.00016	.00081	.04568	.00154	5.5659
Stddev	.00003	.023	.00022	.00002	.00010	.00106	.00004	.0138
%RSD	15.288	.08503	110.83	12.689	12.841	2.3242	2.5248	.24848

#1	-.00015	27.281	-.00036	.00018	.00088	.04493	.00152	5.5757
#2	-.00019	27.314	-.00004	.00015	.00074	.04643	.00157	5.5561

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00183	-.00036	22.343	-.00032	-.00005	1.8537	-.00003	.01126
Stddev	.00007	.00026	.030	.00042	.00003	.0121	.00006	.00547
%RSD	4.0212	71.513	.13245	130.88	75.229	.65545	227.88	48.555

#1	-.00188	-.00018	22.322	-.00002	-.00002	1.8623	-.00007	.01513
#2	-.00178	-.00055	22.364	-.00061	-.00007	1.8451	.00002	.00740

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0219	2.4619	-.00284	.00117	-.00948	.0405	.13248	<.00000
Stddev	.0724	.0109	.00052	.00001	.00187	.0001	.00037	.22794
%RSD	1.7992	.44131	18.443	1.2096	19.678	.1440	.27654	18.187

#1	3.9708	2.4695	-.00322	.00116	-.01080	.0405	.13274	-1.0921
#2	4.0731	2.4542	-.00247	.00118	-.00816	.0406	.13222	-1.4145

Sample Name: J5904-09 Acquired: 11/13/2018 2:33:49 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .85821
 Stddev .22847
 %RSD 26.621

#1 1.0198
 #2 .69666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.1	66759.	5100.8	155.21	4369.7
Stddev	59.6	5.	6.3	.90	71.7
%RSD	1.4656	.00724	.12358	.58061	1.6411

#1	4105.3	66755.	5105.2	155.85	4420.4
#2	4021.0	66762.	5096.3	154.58	4319.0

Sample Name: J5904-10 Acquired: 11/13/2018 2:37:53 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	-.00110	.00330	-.00095	-.00260	.01525	.01594	.00004
Stddev	.00148	.00059	.00125	.00174	.00129	.01343	.00244	.00001
%RSD	123.85	53.378	37.884	183.07	49.781	88.045	15.286	21.750

#1	.00015	-.00152	.00419	-.00219	-.00168	.00576	.01766	.00004
#2	.00224	-.00069	.00242	.00028	-.00351	.02474	.01422	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	28.582	-.00067	-.00003	.00058	.04744	.00162	5.8918
Stddev	.00010	2.040	.00027	.00023	.00018	.00538	.00004	.4833
%RSD	62.554	7.1364	40.704	768.85	30.909	11.344	2.2913	8.2031

#1	-.00009	30.024	-.00047	.00013	.00045	.05124	.00159	6.2335
#2	-.00023	27.139	-.00086	-.00019	.00070	.04363	.00164	5.5500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00016	23.420	.00031	.00003	1.9197	.00003	.02393
Stddev	.00001	.00061	1.899	.00006	.00013	.1297	.00001	.00677
%RSD	.67355	383.07	8.1085	18.798	382.24	6.7554	42.316	28.297

#1	-.00190	-.00027	24.763	.00027	.00013	2.0114	.00002	.01914
#2	-.00192	.00059	22.077	.00036	-.00006	1.8280	.00004	.02871

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9749	2.5432	-.00266	.00026	-.00666	.0399	.13886	<.00000
Stddev	.0103	.2048	.00013	.00016	.00133	.0015	.01018	.45081
%RSD	.25930	8.0529	4.9403	60.935	20.044	3.831	7.3342	28.037

#1	3.9822	2.6880	-.00257	.00037	-.00760	.0410	.14607	-1.2891
#2	3.9676	2.3984	-.00275	.00015	-.00571	.0388	.13166	-1.9267

Sample Name: J5904-10 Acquired: 11/13/2018 2:37:53 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .65302
Stddev .01881
%RSD 2.8798

#1 .63972
#2 .66632

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4120.9	67241.	4954.4	150.15	4430.9
Stddev	.4	165.	372.4	8.89	2.5
%RSD	.00924	.24566	7.5166	5.9196	.05613

#1	4120.6	67124.	4691.1	143.87	4432.7
#2	4121.2	67358.	5217.7	156.44	4429.1

Sample Name: J5904-11 Acquired: 11/13/2018 2:41:57 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00133	k -.00128	k .00366	k .00098	k -.00335	s .00897	.01410	s .00001
Stddev	.00190	.00118	.00085	.00092	.00042	.00154	.00054	.00002
%RSD	142.52	92.292	23.164	93.278	12.417	17.165	3.8151	158.19

#1	k .00267	k -.00211	k .00426	k .00163	k -.00364	s .00788	.01448	s -.00000
#2	-.00001	-.00044	.00306	.00033	-.00305	.01006	.01372	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00017	27.182	s -.00061	k -.00001	k .00142	k .05191	s .00200	5.5768
Stddev	.00004	.013	.00018	.00007	.00009	.00463	.00016	.0066
%RSD	23.485	.04652	29.815	583.48	6.5142	8.9145	8.0322	.11778

#1	k -.00019	27.191	s -.00048	k -.00006	k .00149	k .04864	s .00188	5.5814
#2	-.00014	27.173	-.00073	.00004	.00135	.05518	.00211	5.5721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00185	s .00032	22.163	s -.00017	k .00017	1.8483	-.00002	k .01414
Stddev	.00032	.00004	.016	.00008	.00002	.0131	.00001	.00596
%RSD	17.375	13.669	.07281	47.535	10.185	.70621	51.268	42.154

#1	k -.00208	s .00035	22.152	s -.00011	k .00015	1.8391	-.00003	k .01835
#2	-.00162	.00028	22.175	-.00022	.00018	1.8575	-.00001	.00992

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.9072	k 2.4223	k -.00179	k .00207	-.00773	k .0404	k .13084	<.00000
Stddev	.0012	.0676	.00129	.00013	.00095	.0006	.00008	6.9164
%RSD	.03100	2.7913	72.190	6.4393	12.258	1.387	.06135	151.02

#1	k 3.9063	k 2.3745	k -.00088	k .00216	-.00706	k .0400	k .13089	-9.4703
#2	3.9080	2.4701	-.00271	.00198	-.00840	.0408	.13078	.31094

Sample Name: J5904-11 Acquired: 11/13/2018 2:41:57 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .77518
 Stddev .39851
 %RSD 51.409

#1 .49339
 #2 1.0570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4105.6	^ *****	5119.9	154.84	4416.9
Stddev	.2	-----	1.4	.03	2.2
%RSD	.00544	-----	.02643	.01638	.04953

#1	4105.8	^ -----	5120.9	154.86	4415.3
#2	4105.4	63614.	5119.0	154.82	4418.4

Sample Name: J5904-12 Acquired: 11/13/2018 2:46:01 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00057	.00230	-.00005	-.00351	.00317	.01379	.00003
Stddev	.00029	.00045	.00028	.00113	.00010	.00916	.00057	.00001
%RSD	17.771	78.660	12.218	2334.2	2.9110	289.23	4.1261	21.545

#1	.00142	-.00025	.00210	-.00085	-.00358	.00964	.01339	.00004
#2	.00183	-.00088	.00250	.00075	-.00343	-.00331	.01419	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.253	-.00032	-.00007	.00123	.05101	.00280	5.4556
Stddev	.00000	.052	.00001	.00008	.00042	.00705	.00005	.0050
%RSD	.47229	.19122	3.6942	122.95	33.970	13.829	1.7655	.09250

#1	-.00008	27.217	-.00033	-.00012	.00093	.04603	.00283	5.4521
#2	-.00008	27.290	-.00031	-.00001	.00152	.05600	.00276	5.4592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	-.00022	22.152	.00015	.00037	1.8213	-.00025	.01699
Stddev	.00020	.00024	.149	.00010	.00006	.0422	.00003	.00313
%RSD	12.234	108.50	.67401	63.406	17.227	2.3187	10.081	18.444

#1	-.00148	-.00039	22.257	.00008	.00033	1.8512	-.00027	.01478
#2	-.00176	-.00005	22.046	.00022	.00042	1.7915	-.00023	.01921

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9081	2.4291	-.00280	.00029	-.00803	.0412	.13178	<.00000
Stddev	.0071	.0110	.00029	.00194	.00025	.0013	.00027	.03308
%RSD	.18186	.45379	10.244	660.06	3.0904	3.190	.20553	2.2822

#1	3.9131	2.4369	-.00260	-.00108	-.00785	.0422	.13159	-1.4730
#2	3.9031	2.4213	-.00300	.00167	-.00820	.0403	.13197	-1.4262

Sample Name: J5904-12 Acquired: 11/13/2018 2:46:01 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .75810
 Stddev .83372
 %RSD 109.97

#1 1.3476
 #2 .16857

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4099.8	67050.	5147.1	154.61	4416.4
Stddev	6.7	39.	8.2	.34	10.8
%RSD	.16415	.05815	.15925	.21672	.24517

#1	4104.5	67078.	5141.3	154.37	4424.0
#2	4095.0	67023.	5152.9	154.84	4408.7

Sample Name: J5904-13 Acquired: 11/13/2018 2:50:05 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00196	.00306	-.00038	-.00353	.01542	.01336	.00005
Stddev	.00054	.00028	.00107	.00131	.00179	.00486	.00031	.00001
%RSD	36.104	14.531	34.986	347.41	50.812	31.491	2.3307	26.201

#1	.00112	-.00216	.00382	-.00130	-.00226	.01199	.01314	.00004
#2	.00189	-.00176	.00230	.00055	-.00480	.01886	.01358	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	27.111	-.00025	.00018	.00087	.04061	.00215	5.5814
Stddev	.00000	.091	.00045	.00004	.00007	.00193	.00004	.0354
%RSD	2.8526	.33485	182.99	23.627	7.7227	4.7443	1.8033	.63373

#1	-.00015	27.047	-.00057	.00021	.00082	.03925	.00212	5.6064
#2	-.00015	27.175	.00007	.00015	.00091	.04198	.00217	5.5564

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	.00013	22.179	.00046	.00022	1.8240	.00013	.01446
Stddev	.00023	.00011	.002	.00001	.00003	.0060	.00003	.00185
%RSD	11.712	87.234	.00839	1.3395	11.672	.32962	22.947	12.798

#1	-.00179	.00005	22.181	.00046	.00020	1.8283	.00011	.01315
#2	-.00211	.00021	22.178	.00045	.00024	1.8198	.00015	.01577

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0117	2.4081	-.00243	.00137	-.00902	.0425	.13155	<.00000
Stddev	.1412	.0101	.00024	.00040	.00194	.0001	.00018	.06450
%RSD	3.5205	.42105	9.7223	28.950	21.489	.1347	.13560	4.0724

#1	4.1116	2.4009	-.00260	.00109	-.00765	.0425	.13167	-1.6295
#2	3.9119	2.4152	-.00227	.00166	-.01039	.0426	.13142	-1.5383

Sample Name: J5904-13 Acquired: 11/13/2018 2:50:05 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0907
Stddev .2520
%RSD 23.103

#1 .91249
#2 1.2688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4010.2	66779.	5158.9	157.84	4307.3
Stddev	124.5	80.	17.7	1.69	132.0
%RSD	3.1039	.11943	.34255	1.0685	3.0653

#1	3922.2	66835.	5171.4	159.03	4214.0
#2	4098.2	66722.	5146.4	156.65	4400.7

Sample Name: CCV15 Acquired: 11/13/2018 2:54:10 Type: Unk
Method: P4-ICP2(v2564) 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	4.5074	5.3309	4.9120	4.7587	4.5585	9.8434	9.8646
Stddev	.0002	.0105	.0146	.0118	.0050	.0072	.0438
%RSD	.00405	.19710	.29771	.24698	.10929	.07316	.44417

#1	4.5076	5.3234	4.9017	4.7670	4.5620	9.8383	9.8336
#2	4.5073	5.3383	4.9224	4.7504	4.5550	9.8484	9.8956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24832	2.5538	24.804	1.0422	2.4976	1.1356	5.1993
Stddev	.00023	.0065	.043	.0033	.0047	.0005	.1074
%RSD	.09305	.25601	.17177	.31794	.18828	.04509	2.0652

#1	.24849	2.5491	24.774	1.0446	2.4942	1.1352	5.1234
#2	.24816	2.5584	24.835	1.0399	2.5009	1.1360	5.2752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5306	24.189	2.4874	1.2466	25.329	2.5239	2.4790
Stddev	.0009	.260	.0039	.0006	.216	.0036	.0599
%RSD	.03691	1.0766	.15523	.04917	.85117	.14281	2.4173

#1	2.5313	24.005	2.4847	1.2471	25.177	2.5214	2.4366
#2	2.5300	24.373	2.4902	1.2462	25.481	2.5265	2.5214

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.303	4.5946	5.2463	4.9216	4.9383	5.0426	4.8267
Stddev	.153	.0062	.0037	.0099	.0230	.0107	.0022
%RSD	.60406	.13415	.07084	.20046	.46566	.21189	.04573

#1	25.195	4.5903	5.2436	4.9146	4.9220	5.0351	4.8251
#2	25.411	4.5990	5.2489	4.9285	4.9545	5.0502	4.8282

Sample Name: CCV15 Acquired: 11/13/2018 2:54:10 Type: Unk
 Method: P4-ICP2(v2564) 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	5.0254	5.178	4.9179	F<.00000	F 2.3528
Stddev	.0232	.010	.0180	.14000	.2640
%RSD	.46058	.1979	.36634	23.429	11.222

#1	5.0090	5.171	4.9051	-.49857	2.1661
#2	5.0418	5.185	4.9306	-.69656	2.5395

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4118.7	66751.	5172.8	150.96	4152.8
Stddev	1.6	19.	16.5	3.59	5.1
%RSD	.03869	.02917	.31894	2.3773	.12303

#1	4117.6	66765.	5184.5	153.50	4156.4
#2	4119.9	66737.	5161.2	148.43	4149.2

Sample Name: CCB15 Acquired: 11/13/2018 2:57:55 Type: Unk
Method: P4-ICP2(v2564) 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	-.00098	-.00011	.00259	-.00013	-.00140	.00391	.00033
Stddev	.00070	.00017	.00035	.00102	.00006	.00064	.00049
%RSD	71.170	153.31	13.401	758.22	3.9349	16.314	146.67

#1	-.00148	-.00023	.00284	.00059	-.00144	.00346	-.00001
#2	-.00049	.00001	.00234	-.00086	-.00136	.00436	.00068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00006	-.02856	-.00042	-.00008	-.00042	.00747
Stddev	.00002	.00003	.00252	.00003	.00011	.00026	.00865
%RSD	30.607	46.672	8.8377	7.5840	140.84	61.819	115.78

#1	-.00007	-.00008	-.03035	-.00039	-.00000	-.00061	.00135
#2	-.00005	-.00004	-.02678	-.00044	-.00016	-.00024	.01359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00109	-.00152	.00018	.07655	-.00019	-.00006
Stddev	.00001	.02826	.00020	.00002	.01183	.00026	.00009
%RSD	430.32	2593.8	13.445	10.706	15.452	136.54	149.70

#1	-.00001	.01890	-.00138	.00019	.08492	-.00037	-.00013
#2	.00001	-.02108	-.00166	.00016	.06819	-.00001	.00000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01086	.00022	-.00564	-.00964	-.00630	-.00057	.00110
Stddev	.00146	.00007	.00273	.00104	.00147	.00007	.00112
%RSD	13.417	29.666	48.366	10.806	23.264	11.851	101.62

#1	.01189	.00027	-.00371	-.00890	-.00526	-.00052	.00031
#2	.00983	.00018	-.00757	-.01038	-.00734	-.00062	.00190

Sample Name: CCB15 Acquired: 11/13/2018 2:57:55 Type: Unk
 Method: P4-ICP2(v2564) 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 -.01089	-.0010	.00006	F<.00000	F .23493
Stddev	.00035	.0012	.00012	.44329	.56660
%RSD	3.2492	121.5	210.98	10.698	241.18
#1	-.01064	-.0018	.00014	-4.4573	-.16572
#2	-.01114	-.0001	-.00003	-3.8304	.63557
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4381.6	71502.	5272.5	161.51	4842.4
Stddev	8.1	1049.	12.1	3.50	12.1
%RSD	.18489	1.4673	.22891	2.1672	.25026
#1	4375.9	72244.	5281.0	163.98	4833.8
#2	4387.4	70760.	5264.0	159.03	4851.0

Sample Name: J5904-14 Acquired: 11/13/2018 3:02:02 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00089	.00369	-.00052	-.00247	.00860	.01332	.00002
Stddev	.00044	.00033	.00028	.00095	.00119	.00083	.00067	.00003
%RSD	29.078	37.177	7.4660	181.68	48.212	9.6508	5.0519	155.42

#1	.00121	-.00112	.00350	.00015	-.00331	.00801	.01380	-.00000
#2	.00184	-.00065	.00389	-.00119	-.00163	.00918	.01285	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	27.090	-.00059	-.00006	.00041	.04710	.00156	5.5567
Stddev	.00002	.105	.00002	.00010	.00033	.00157	.00003	.0075
%RSD	24.651	.38684	2.7570	149.06	80.613	3.3326	2.1643	.13569

#1	-.00007	27.016	-.00060	.00000	.00018	.04821	.00154	5.5621
#2	-.00010	27.164	-.00058	-.00013	.00064	.04599	.00158	5.5514

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00023	23.288	-.00015	.00019	1.8343	-.00003	.01745
Stddev	.00054	.00034	.045	.00006	.00003	.0111	.00033	.00036
%RSD	31.225	148.70	.19228	37.575	18.232	.60686	1002.7	2.0574

#1	-.00212	.00001	23.257	-.00011	.00021	1.8265	.00020	.01770
#2	-.00135	-.00047	23.320	-.00019	.00016	1.8422	-.00027	.01720

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9914	2.4570	-.00299	-.00006	-.00798	.0416	.13138	<.00000
Stddev	.0124	.0210	.00076	.00116	.00187	.0006	.00018	.14601
%RSD	.31060	.85423	25.297	1947.1	23.471	1.460	.14044	9.0444

#1	3.9826	2.4421	-.00246	-.00088	-.00930	.0411	.13151	-1.5111
#2	4.0001	2.4718	-.00353	.00076	-.00665	.0420	.13125	-1.7176

Sample Name: J5904-14 Acquired: 11/13/2018 3:02:02 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .74603
Stddev .28434
%RSD 38.114

#1 .94709
#2 .54497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4123.7	66611.	5106.6	154.93	4424.0
Stddev	3.5	31.	28.9	.41	2.3
%RSD	.08558	.04725	.56688	.26494	.05212

#1	4126.2	66634.	5127.0	154.64	4422.4
#2	4121.2	66589.	5086.1	155.22	4425.7

Sample Name: J5904-15 Acquired: 11/13/2018 3:06:07 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00205	k -.00107	k .00300	k -.00093	k -.00416	s .00079	.01429	s .00003
Stddev	.00148	.00067	.00064	.00024	.00019	.01067	.00027	.00006
%RSD	72.400	62.340	21.362	25.845	4.6599	1353.6	1.8689	182.62

#1	.00100	-.00060	.00255	-.00110	-.00402	.00833	.01410	-.00001
#2	k .00310	k -.00154	k .00345	k -.00076	k -.00430	s -.00676	.01448	s .00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00014	27.191	s -.00073	k .00013	k .00074	k .04221	s .00139	5.7191
Stddev	.00002	.042	.00002	.00038	.00022	.00003	.00002	.0970
%RSD	14.140	.15451	2.6166	289.10	30.258	.06708	1.4078	1.6970

#1	-.00015	27.221	-.00075	.00040	.00090	.04223	.00140	5.7877
#2	k -.00013	27.162	s -.00072	k -.00014	k .00058	k .04219	s .00137	5.6504

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00166	s .00002	24.302	s -.00035	k .00011	1.9077	-.00013	k .02366
Stddev	.00004	.00046	.204	.00010	.00006	.0054	.00000	.00424
%RSD	2.1268	2368.9	.83947	27.804	51.193	.28529	.82568	17.921

#1	-.00169	.00034	24.446	-.00028	.00016	1.9038	-.00013	.02666
#2	k -.00164	s -.00030	24.158	s -.00042	k .00007	1.9115	-.00013	k .02066

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.1006	k 2.4406	k -.00180	k .00097	-.00836	k .0440	k .13267	<.00000
Stddev	.0013	.0069	.00130	.00024	.00065	.0001	.00013	2.7929
%RSD	.03129	.28220	72.694	24.522	7.8282	.3148	.09660	85.019

#1	4.1015	2.4455	-.00272	.00113	-.00790	.0439	.13258	-1.3102
#2	k 4.0997	k 2.4357	k -.00087	k .00080	-.00882	k .0441	k .13276	-5.2600

Sample Name: J5904-15 Acquired: 11/13/2018 3:06:07 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .90580
 Stddev .02351
 %RSD 2.5951

#1 .88918
 #2 .92242

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4093.6	^ *****	5100.7	156.29	4401.0
Stddev	9.0	-----	6.2	1.44	8.0
%RSD	.22055	-----	.12219	.92139	.18083

#1	4087.2	66559.	5105.1	157.30	4395.4
#2	4100.0	^ -----	5096.3	155.27	4406.6

Sample Name: J5904-16 Acquired: 11/13/2018 3:10:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00088	.00382	.00096	-.00331	.00505	.01437	.00005
Stddev	.00085	.00029	.00098	.00059	.00060	.01285	.00069	.00006
%RSD	35.150	33.456	25.562	61.589	18.133	254.33	4.7854	116.72

#1	.00182	-.00067	.00313	.00138	-.00373	.01414	.01485	.00010
#2	.00302	-.00109	.00451	.00054	-.00288	-.00403	.01388	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	27.299	-.00053	.00006	.00075	.04643	.00145	5.8071
Stddev	.00001	.149	.00015	.00022	.00027	.00635	.00003	.0366
%RSD	11.149	.54737	27.676	376.03	36.108	13.673	2.3236	.63094

#1	-.00014	27.405	-.00064	.00022	.00094	.04194	.00142	5.8330
#2	-.00012	27.193	-.00043	-.00010	.00056	.05091	.00147	5.7812

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	.00021	24.655	.00044	.00003	1.9109	.00005	.01535
Stddev	.00025	.00006	.228	.00029	.00003	.0472	.00024	.00245
%RSD	10.905	30.060	.92448	64.551	96.061	2.4714	489.42	15.980

#1	-.00208	.00016	24.816	.00065	.00001	1.8775	.00022	.01708
#2	-.00242	.00025	24.494	.00024	.00006	1.9443	-.00012	.01362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1213	2.4839	-.00220	.00082	-.00768	.0449	.13265	<.00000
Stddev	.0195	.0079	.00058	.00047	.00054	.0009	.00051	.39372
%RSD	.47219	.31746	26.248	57.294	7.0380	1.967	.38250	40.594

#1	4.1075	2.4894	-.00260	.00115	-.00730	.0455	.13301	-.69151
#2	4.1351	2.4783	-.00179	.00049	-.00806	.0443	.13229	-1.2483

Sample Name: J5904-16 Acquired: 11/13/2018 3:10:11 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .57327
Stddev .21699
%RSD 37.851

#1 .41984
#2 .72670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.6	65938.	5060.4	153.80	4393.3
Stddev	17.8	61.	24.4	.38	11.1
%RSD	.43431	.09312	.48311	.24545	.25260

#1	4078.0	65982.	5043.1	154.07	4385.4
#2	4103.2	65895.	5077.7	153.54	4401.1

Sample Name: J5904-17 Acquired: 11/13/2018 3:14:15 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00083	.00321	-.00017	-.00321	.00511	.01508	.00004
Stddev	.00178	.00058	.00079	.00287	.00003	.00864	.00031	.00004
%RSD	82.601	69.773	24.491	1674.6	.81152	169.06	2.0370	82.345

#1	.00340	-.00042	.00265	-.00220	-.00319	.01122	.01530	.00007
#2	.00089	-.00124	.00377	.00186	-.00323	-.00100	.01487	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	27.699	-.00035	-.00021	.00095	.05537	.00196	5.9238
Stddev	.00004	.292	.00060	.00011	.00004	.01085	.00003	.1184
%RSD	23.547	1.0542	171.98	54.192	4.0728	19.597	1.4371	1.9986

#1	-.00019	27.905	.00007	-.00013	.00097	.04770	.00198	6.0075
#2	-.00013	27.492	-.00077	-.00029	.00092	.06305	.00194	5.8401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	-.00048	24.964	-.00017	.00006	1.9258	-.00012	.01494
Stddev	.00020	.00001	.518	.00005	.00002	.0036	.00005	.00728
%RSD	19.758	2.6223	2.0753	30.843	24.634	.18714	40.708	48.731

#1	-.00085	-.00049	25.330	-.00020	.00007	1.9283	-.00016	.02008
#2	-.00113	-.00047	24.597	-.00013	.00005	1.9232	-.00009	.00979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0721	2.5136	-.00244	.00179	-.00792	.0446	.13415	<.00000
Stddev	.0202	.0282	.00003	.00002	.00142	.0002	.00189	.10300
%RSD	.49558	1.1199	1.0422	1.3073	17.916	.5160	1.4083	8.8169

#1	4.0578	2.5335	-.00246	.00177	-.00692	.0444	.13548	-1.2410
#2	4.0863	2.4937	-.00242	.00181	-.00893	.0448	.13281	-1.0953

Sample Name: J5904-17 Acquired: 11/13/2018 3:14:15 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.91005
Stddev	.66661
%RSD	73.250

#1	1.3814
#2	.43869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4097.9	66012.	5005.4	155.61	4390.1
Stddev	19.5	165.	51.2	.97	10.0
%RSD	.47663	.24994	1.0221	.62101	.22837

#1	4111.7	66128.	4969.2	156.29	4397.2
#2	4084.1	65895.	5041.6	154.93	4383.0

Sample Name: J5904-18 Acquired: 11/13/2018 3:18:19 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00102	.00266	-.00246	-.00280	.01191	.01394	.00003
Stddev	.00039	.00016	.00050	.00093	.00172	.00225	.00000	.00002
%RSD	23.083	15.879	18.652	37.861	61.439	18.853	.03141	67.103

#1	.00142	-.00113	.00301	-.00312	-.00402	.01032	.01393	.00001
#2	.00197	-.00090	.00231	-.00180	-.00158	.01350	.01394	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	27.384	-.00038	-.00004	.00120	.04689	.00151	5.8735
Stddev	.00006	.052	.00030	.00001	.00061	.00724	.00005	.0173
%RSD	41.220	.18861	77.353	24.931	50.639	15.443	3.0461	.29366

#1	-.00018	27.421	-.00059	-.00005	.00163	.04177	.00155	5.8857
#2	-.00010	27.348	-.00017	-.00003	.00077	.05201	.00148	5.8613

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	-.00008	24.872	.00002	.00014	1.9233	.00001	.01043
Stddev	.00029	.00004	.122	.00028	.00012	.0225	.00014	.00311
%RSD	19.416	42.847	.49166	1213.3	84.586	1.1676	2340.3	29.859

#1	-.00170	-.00011	24.786	.00022	.00022	1.9392	-.00010	.01263
#2	-.00129	-.00006	24.959	-.00018	.00006	1.9074	.00011	.00823

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0744	2.4999	-.00265	.00136	-.00683	.0442	.13247	<.00000
Stddev	.0079	.0027	.00004	.00197	.00031	.0009	.00058	.25890
%RSD	.19481	.10702	1.5631	144.52	4.5437	2.035	.44082	17.717

#1	4.0687	2.5018	-.00268	-.00003	-.00705	.0436	.13288	-1.2782
#2	4.0800	2.4980	-.00262	.00275	-.00661	.0448	.13206	-1.6444

Sample Name: J5904-18 Acquired: 11/13/2018 3:18:19 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .84527
 Stddev .44407
 %RSD 52.536

#1 1.1593
 #2 .53127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4090.8	65800.	5050.4	152.84	4385.7
Stddev	5.1	284.	9.5	4.24	5.4
%RSD	.12372	.43224	.18730	2.7730	.12236

#1	4094.4	65599.	5057.0	155.83	4389.5
#2	4087.3	66001.	5043.7	149.84	4381.9

Sample Name: J5904-19 Acquired: 11/13/2018 3:22:23 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	-.00040	.00262	-.00071	-.00211	.00860	.01207	.00005
Stddev	.00002	.00085	.00050	.00046	.00009	.00575	.00347	.00006
%RSD	.89387	211.02	19.179	65.590	4.4817	66.896	28.768	117.11

#1	.00251	.00020	.00298	-.00038	-.00204	.01266	.00961	.00010
#2	.00254	-.00100	.00227	-.00104	-.00218	.00453	.01452	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	25.928	-.00027	-.00011	.00111	.04037	.00152	5.5298
Stddev	.00001	3.495	.00007	.00001	.00002	.00866	.00005	.8111
%RSD	12.663	13.481	24.204	8.0716	1.4730	21.458	3.5607	14.667

#1	-.00008	23.457	-.00032	-.00010	.00110	.03424	.00155	4.9563
#2	-.00010	28.400	-.00022	-.00011	.00112	.04649	.00148	6.1033

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00187	-.00064	23.729	.00040	-.00004	1.8476	.00002	.02244
Stddev	.00002	.00036	3.103	.00042	.00007	.1679	.00034	.00797
%RSD	.83970	55.590	13.076	103.93	162.10	9.0851	1367.6	35.515

#1	-.00186	-.00090	21.535	.00011	-.00009	1.7289	.00026	.01681
#2	-.00188	-.00039	25.923	.00070	.00001	1.9663	-.00021	.02808

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1461	2.3749	-.00233	.00047	-.00884	.0451	.12553	<.00000
Stddev	.0963	.2812	.00014	.00056	.00036	.0020	.01693	.14361
%RSD	2.3221	11.842	6.0222	119.08	4.1035	4.507	13.491	10.956

#1	4.0780	2.1761	-.00243	.00007	-.00910	.0437	.11355	-1.4123
#2	4.2142	2.5738	-.00223	.00086	-.00858	.0466	.13750	-1.2092

Sample Name: J5904-19 Acquired: 11/13/2018 3:22:23 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .76155
Stddev .03213
%RSD 4.2189

#1 .78427
#2 .73883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4043.9	65729.	5352.1	162.42	4332.8
Stddev	94.9	286.	650.5	21.68	90.8
%RSD	2.3459	.43524	12.154	13.349	2.0945

#1	4111.0	65527.	5812.1	177.75	4397.0
#2	3976.8	65932.	4892.2	147.09	4268.6

Sample Name: J5904-20 Acquired: 11/13/2018 3:26:28 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00087	k -.00166	k .00169	k -.00040	k -.00254	s .00093	.01423	s .00002
Stddev	.00105	.00023	.00007	.00230	.00007	.00453	.00042	.00003
%RSD	120.66	13.555	4.3349	567.50	2.5683	488.55	2.9362	187.91

#1	k .00162	k -.00182	k .00164	k .00122	k -.00249	s -.00228	.01452	s -.00001
#2	.00013	-.00150	.00174	-.00203	-.00259	.00413	.01393	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00015	27.388	s -.00037	k -.00001	k .00110	k .04775	s .00161	5.7404
Stddev	.00003	.017	.00014	.00005	.00056	.00177	.00130	.0140
%RSD	16.627	.06373	36.705	618.07	51.246	3.7161	80.996	.24349

#1	k -.00017	27.400	s -.00047	k -.00005	k .00070	k .04901	s .00069	5.7503
#2	-.00013	27.376	-.00028	.00003	.00150	.04650	.00253	5.7305

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.00174	s -.00090	24.360	s .00011	k .00017	1.9249	.00009	k .01190
Stddev	.00020	.00062	.005	.00023	.00000	.0477	.00027	.00027
%RSD	11.458	69.126	.02181	220.65	2.0598	2.4767	286.65	2.2752

#1	k -.00159	s -.00046	24.364	s -.00006	k .00017	1.8911	-.00010	k .01170
#2	-.00188	-.00134	24.356	.00027	.00017	1.9586	.00029	.01209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.0497	k 2.4494	k -.00239	k .00015	-.00814	k .0445	k .13263	<.00000
Stddev	.0012	.0372	.00192	.00017	.00013	.0005	.00037	3.2336
%RSD	.02888	1.5203	80.324	114.52	1.6572	1.176	.28009	240.42

#1	k 4.0505	k 2.4231	k -.00103	k .00003	-.00824	k .0449	k .13289	-3.6315
#2	4.0488	2.4757	-.00375	.00027	-.00805	.0442	.13237	.94154

Sample Name: J5904-20 Acquired: 11/13/2018 3:26:28 Type: Unk
 Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .39073
 Stddev .00065
 %RSD .16691

#1 .39027
 #2 .39119

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.1	^ *****	5084.4	154.58	4389.6
Stddev	14.7	-----	8.6	3.12	6.9
%RSD	.35832	-----	.16989	2.0188	.15629

#1	4104.4	^ -----	5078.3	152.38	4394.5
#2	4083.7	62128.	5090.5	156.79	4384.8

Sample Name: J5904-21 Acquired: 11/13/2018 3:30:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00119	-.00151	.00228	.00027	-.00360	.00122	.01017	.00000
Stddev	.00030	.00074	.00088	.00475	.00071	.00566	.00556	.00005
%RSD	24.952	49.109	38.618	1789.8	19.613	462.60	54.737	2830.1

#1	.00140	-.00203	.00290	.00362	-.00310	.00523	.01410	.00004
#2	.00098	-.00098	.00166	-.00309	-.00410	-.00278	.00623	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	23.734	-.00018	-.00004	.00058	.04351	.00176	4.9771
Stddev	.00004	5.183	.00032	.00009	.00027	.01565	.00026	1.1122
%RSD	25.677	21.839	177.57	242.44	46.168	35.963	14.651	22.346

#1	-.00018	27.399	-.00041	-.00010	.00039	.05458	.00194	5.7635
#2	-.00013	20.069	.00005	.00003	.00077	.03245	.00158	4.1906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00024	21.502	.00000	.00007	1.7067	-.00001	.01234
Stddev	.00033	.00012	4.807	.00005	.00025	.2974	.00005	.00705
%RSD	26.641	49.843	22.358	2531.0	341.21	17.423	876.72	57.185

#1	-.00148	-.00015	24.901	.00004	.00025	1.9170	-.00004	.01732
#2	-.00101	-.00032	18.102	-.00004	-.00010	1.4965	.00003	.00735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0415	2.1909	-.00279	.00039	-.00879	.0429	.11498	1.9270
Stddev	.0092	.4868	.00033	.00033	.00204	.0008	.02533	4.4421
%RSD	.22730	22.221	11.792	84.891	23.174	1.789	22.027	230.52

#1	4.0350	2.5352	-.00256	.00063	-.00735	.0435	.13289	5.0680
#2	4.0480	1.8467	-.00302	.00016	-.01023	.0424	.09707	-1.2140

Sample Name: J5904-21 Acquired: 11/13/2018 3:30:33 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .76003
Stddev .33115
%RSD 43.570

#1 .52587
#2 .99418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4089.6	59571.	5848.7	178.12	4387.2
Stddev	.8	8215.	1196.6	39.47	.4
%RSD	.01880	13.791	20.460	22.157	.00940

#1	4089.1	53762.	5002.5	150.21	4387.5
#2	4090.2	65381.	6694.8	206.02	4386.9

Sample Name: J5904-22 Acquired: 11/13/2018 3:34:37 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00034	.00327	-.00056	-.00281	.01115	.01356	-.00000
Stddev	.00083	.00027	.00088	.00139	.00108	.00149	.00058	.00006
%RSD	37.287	80.366	27.012	249.92	38.343	13.402	4.2910	50054.

#1	.00163	-.00015	.00389	.00043	-.00357	.01009	.01398	-.00004
#2	.00281	-.00054	.00264	-.00154	-.00204	.01221	.01315	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	27.135	-.00057	.00001	.00053	.05555	.00158	5.7209
Stddev	.00015	.120	.00035	.00016	.00006	.00289	.00007	.0503
%RSD	238.59	.44237	61.139	1499.9	10.685	5.2017	4.1866	.87880

#1	.00004	27.050	-.00032	.00012	.00057	.05759	.00163	5.7565
#2	-.00016	27.219	-.00081	-.00010	.00049	.05350	.00154	5.6854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00143	-.00004	24.648	.00015	.00012	1.9256	.00011	.02126
Stddev	.00023	.00040	.027	.00035	.00007	.0401	.00004	.00150
%RSD	15.980	889.70	.10847	237.79	56.290	2.0804	34.080	7.0711

#1	-.00160	.00024	24.667	-.00010	.00007	1.9539	.00008	.02019
#2	-.00127	-.00033	24.629	.00039	.00017	1.8973	.00013	.02232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0599	2.4562	-.00304	.00014	-.00910	.0448	.13189	<.00000
Stddev	.0545	.0101	.00085	.00075	.00111	.0009	.00030	.15628
%RSD	1.3414	.41020	27.818	538.63	12.223	2.001	.22564	8.9552

#1	4.0213	2.4633	-.00244	.00067	-.00832	.0454	.13168	-1.8556
#2	4.0984	2.4490	-.00364	-.00039	-.00989	.0442	.13210	-1.6346

Sample Name: J5904-22 Acquired: 11/13/2018 3:34:37 Type: Unk
Method: P4-ICP2(v2564) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .62781
Stddev .36121
%RSD 57.534

#1 .37240
#2 .88323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4111.3	66182.	5087.9	155.86	4397.9
Stddev	43.5	82.	10.9	2.06	41.3
%RSD	1.0580	.12389	.21496	1.3208	.93811

#1	4142.1	66240.	5080.2	157.31	4427.1
#2	4080.6	66124.	5095.7	154.40	4368.7

Sample Name: CCV16 Acquired: 11/13/2018 3:38:42 Type: Unk
Method: P4-ICP2(v2564) 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	F 4.4697	5.3264	4.8475	4.7496	4.5218	9.8110	9.7936
Stddev	.0126	.0199	.0184	.0079	.0135	.0542	.1454
%RSD	.28153	.37418	.37859	.16592	.29826	.55232	1.4850

#1	4.4608	5.3123	4.8345	4.7440	4.5123	9.7726	9.6908
#2	4.4786	5.3405	4.8605	4.7551	4.5313	9.8493	9.8964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24576	2.5327	24.792	1.0348	2.4686	F 1.1218	5.1652
Stddev	.00109	.0093	.414	.0045	.0080	.0011	.2157
%RSD	.44493	.36785	1.6682	.43540	.32324	.09593	4.1757

#1	.24499	2.5262	24.500	1.0316	2.4629	1.1210	5.0127
#2	.24654	2.5393	25.085	1.0380	2.4742	1.1226	5.3177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5068	24.009	2.4604	1.2387	25.355	2.5068	2.4465
Stddev	.0133	.513	.0125	.0132	.414	.0121	.0751
%RSD	.53212	2.1380	.50881	1.0638	1.6330	.48268	3.0690

#1	2.4974	23.646	2.4515	1.2294	25.062	2.4982	2.3934
#2	2.5162	24.372	2.4692	1.2481	25.648	2.5153	2.4996

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.167	4.5450	5.2228	4.8817	4.8752	5.0102	4.7717
Stddev	.333	.0104	.0363	.0242	.0789	.0168	.0392
%RSD	1.3220	.22938	.69517	.49584	1.6177	.33524	.82069

#1	24.932	4.5376	5.1971	4.8646	4.8194	4.9983	4.7440
#2	25.403	4.5524	5.2485	4.8988	4.9310	5.0221	4.7994

Sample Name: CCV16 Acquired: 11/13/2018 3:38:42 Type: Unk
 Method: P4-ICP2(v2564) 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	5.0053	5.158	4.8777	F<.00000	F 1.9357
Stddev	.0722	.014	.0672	.07018	.4110
%RSD	1.4418	.2698	1.3786	7.2056	21.233

#1	4.9542	5.148	4.8302	-1.0237	1.6451
#2	5.0563	5.168	4.9253	-.92440	2.2264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4143.3	66671.	5188.4	151.62	4169.4
Stddev	9.8	390.	74.7	4.84	15.8
%RSD	.23536	.58506	1.4403	3.1901	.37976

#1	4150.2	66947.	5241.2	155.04	4180.6
#2	4136.4	66395.	5135.5	148.20	4158.2

Sample Name: CCB16 Acquired: 11/13/2018 3:42:27 Type: Unk
Method: P4-ICP2(v2564) 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	-.00068	.00025	.00234	.00004	-.00184	-.00067	-.00067
Stddev	.00210	.00060	.00014	.00104	.00085	.00749	.00018
%RSD	309.17	241.16	5.9805	2546.4	45.893	1112.1	27.464

#1	-.00217	.00067	.00224	-.00069	-.00125	.00463	-.00054
#2	.00081	-.00018	.00244	.00078	-.00244	-.00597	-.00079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00006	-.01078	-.00002	-.00016	-.00031	.00998
Stddev	.00005	.00000	.00900	.00048	.00003	.00000	.00260
%RSD	86.609	1.9426	83.567	2144.8	15.274	.17523	26.059

#1	-.00010	-.00005	-.01714	-.00036	-.00015	-.00031	.01182
#2	-.00002	-.00006	-.00441	.00032	-.00018	-.00031	.00814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00331	-.00087	-.00021	.05747	-.00055	-.00010
Stddev	.00006	.01003	.00012	.00024	.00616	.00005	.00004
%RSD	268.40	303.02	14.243	114.45	10.718	9.7762	35.359

#1	.00002	.00378	-.00096	-.00038	.06182	-.00052	-.00008
#2	-.00006	-.01040	-.00078	-.00004	.05311	-.00059	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00201	.00014	.00346	-.00726	-.00380	-.00085	.00036
Stddev	.03205	.00004	.00522	.00290	.00003	.00018	.00017
%RSD	1591.7	25.680	150.87	39.978	.77124	20.605	47.885

#1	.02065	.00011	-.00023	-.00932	-.00378	-.00097	.00024
#2	-.02468	.00016	.00716	-.00521	-.00383	-.00073	.00048

Sample Name: CCB16 Acquired: 11/13/2018 3:42:27 Type: Unk
 Method: P4-ICP2(v2564) 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 -.01094	-.0000	-.00004	F<.00000	F<.00000
Stddev	.00081	.0004	.00009	.21771	.49929
%RSD	7.3900	2936.	217.85	4.8318	92.914

#1	-.01036	-.0003	.00002	-4.6597	-.18432
#2	-.01151	.0003	-.00010	-4.3519	-.89043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4382.9	70835.	5295.9	161.18	4845.3
Stddev	13.6	80.	49.8	1.81	10.6
%RSD	.30968	.11294	.94065	1.1260	.21900

#1	4373.3	70891.	5331.1	162.46	4837.8
#2	4392.5	70778.	5260.6	159.89	4852.8