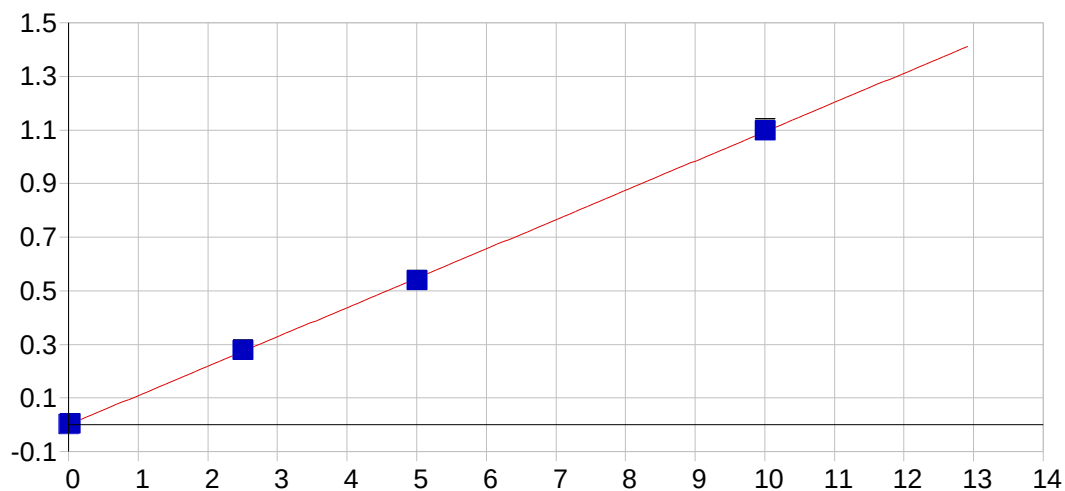


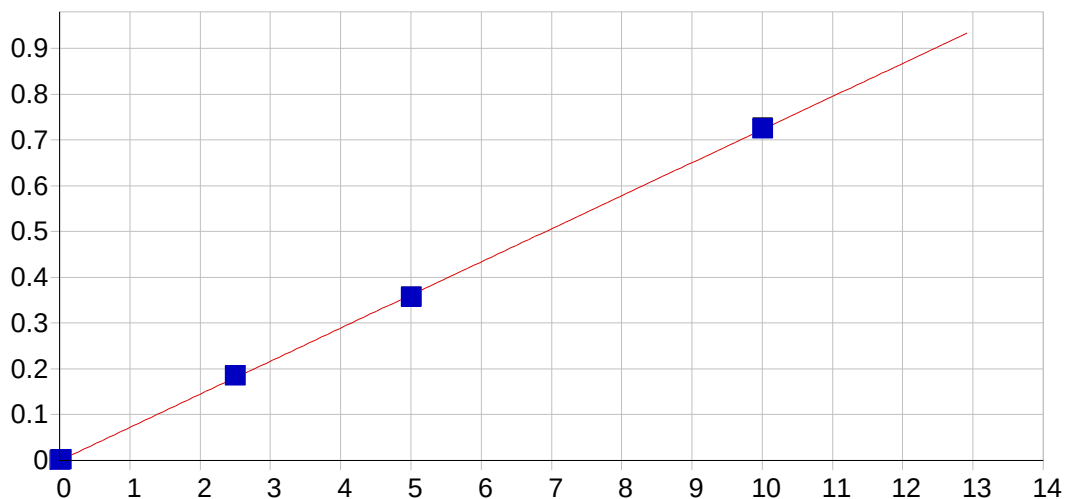


As 189.042 {478}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.109344 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002750
 Predicted MQL: 0.009168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.01830	-.002	-8.52	.00180	.000	1
S3	2.5000	2.5451	.045	1.80	.27807	.001	1
S4	5.0000	4.9169	-.083	-1.66	.53739	.001	1
S5	10.000	10.040	.040	.397	1.0975	.005	1



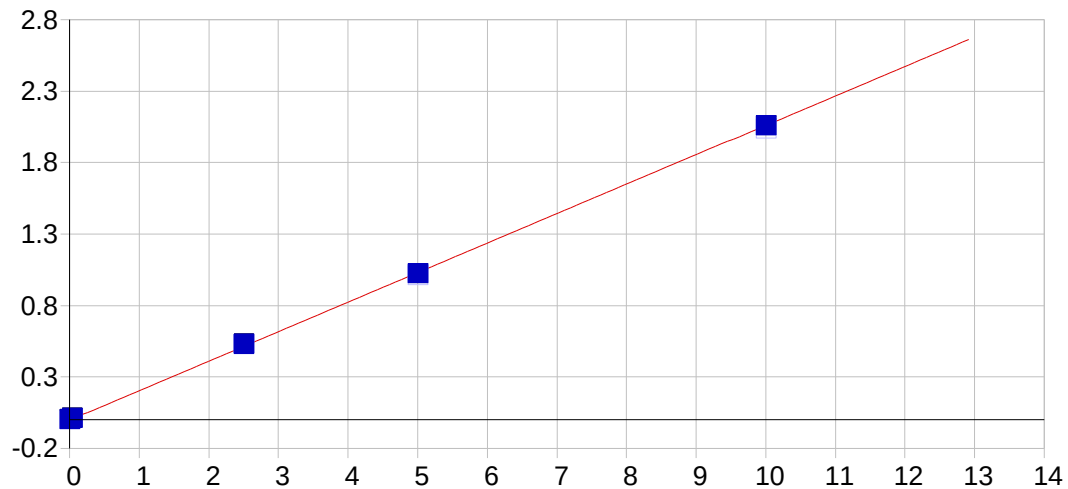
As 189.042 {479}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000

A1 (Gain): 0.072291 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002656
 Predicted MQL: 0.008854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01953	-.000	-2.34	.00149	.000	1
S3	2.5000	2.5497	.050	1.99	.18441	.000	1
S4	5.0000	4.9270	-.073	-1.46	.35627	.000	1
S5	10.000	10.024	.024	.237	.72472	.001	1

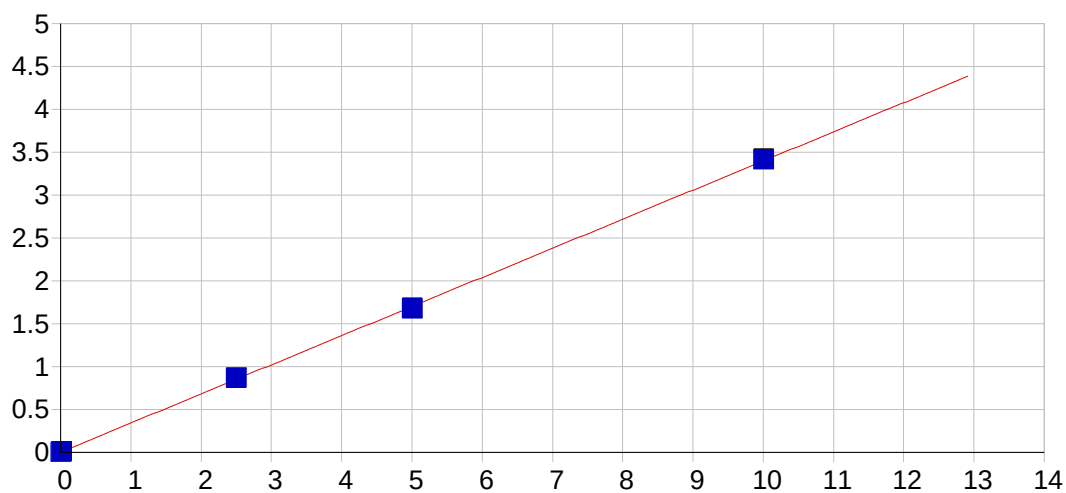


TI 190.856 {477}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000621 Re-Slope: 1.000000
 A1 (Gain): 0.206172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001219
 Predicted MQL: 0.004063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00062	.000	1
S1	.04000	.04566	.006	14.1	.00858	.000	1
S3	2.5000	2.5685	.068	2.74	.52364	.001	1
S4	5.0000	4.9537	-.046	-.926	1.0101	.003	1
S5	10.000	9.9723	-.028	-.277	2.0342	.003	1

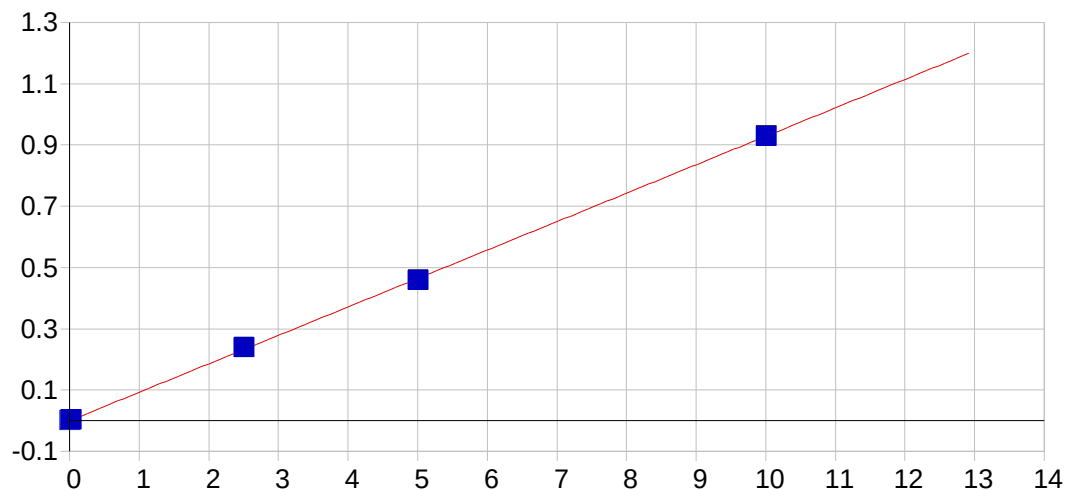


Pb 220.353 {453}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002939 Re-Slope: 1.000000
 A1 (Gain): 0.339519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001126
 Predicted MQL: 0.003754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00294	.000	1
S1	.01200	.01297	.001	8.10	.00727	.000	1
S3	2.5000	2.5365	.037	1.46	.86303	.003	1
S4	5.0000	4.9163	-.084	-1.67	1.6699	.006	1
S5	10.000	10.046	.046	.462	3.4094	.005	1



Se 196.090 {472}

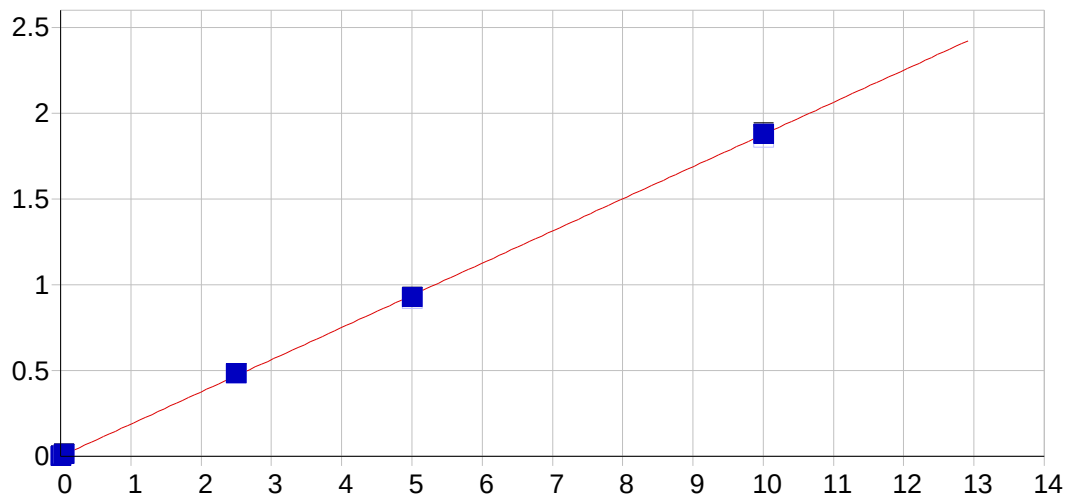
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000156 Re-Slope: 1.000000
 A1 (Gain): 0.092873 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000026
 Predicted MDL: 0.002974
 Predicted MQL: 0.009912

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02079	.001	3.94	.00178	.000	1
S3	2.5000	2.5644	.064	2.58	.23798	.001	1
S4	5.0000	4.9390	-.061	-1.22	.45849	.000	1
S5	10.000	9.9958	-.004	-.042	.92807	.002	1



Sb 206.833 {463}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

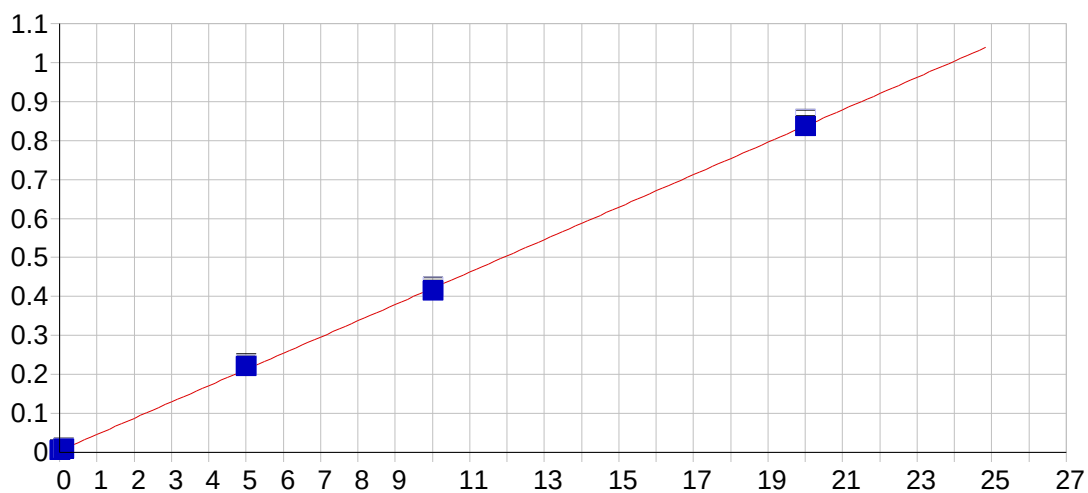
Weighting: 1/Conc

A0 (Offset): 0.000374
 A1 (Gain): 0.187549
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000102
 Predicted MDL: 0.001781
 Predicted MQL: 0.005936

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	.00037	.000	1
S1	.05000	.05671	.007	13.4	.01078	.000	1
S3	2.5000	2.5640	.064	2.56	.47599	.001	1
S4	5.0000	4.9280	-.072	-1.44	.91408	.000	1
S5	10.000	10.001	.001	.013	1.8550	.008	1

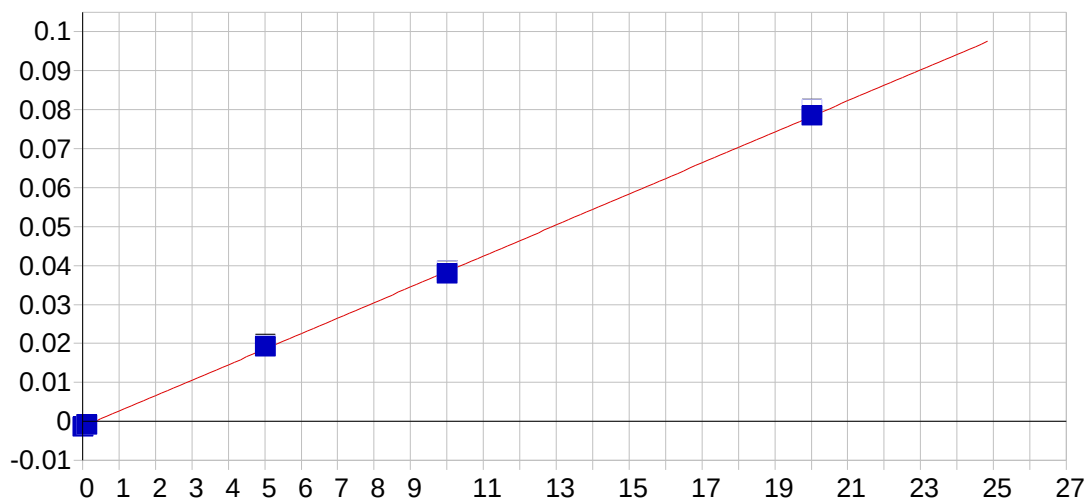


AI 308.215 {109}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004365 Re-Slope: 1.000000
 A1 (Gain): 0.041645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.003359
 Predicted MQL: 0.011198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00436	.000	1
S1	.10000	.10984	.010	9.84	.00923	.000	1
S3	5.0000	5.1627	.163	3.25	.22351	.003	1
S4	10.000	9.8481	-.152	-1.52	.42278	.001	1
S5	20.000	19.979	-.021	-.106	.85297	.001	1



AI 309.271 {109}

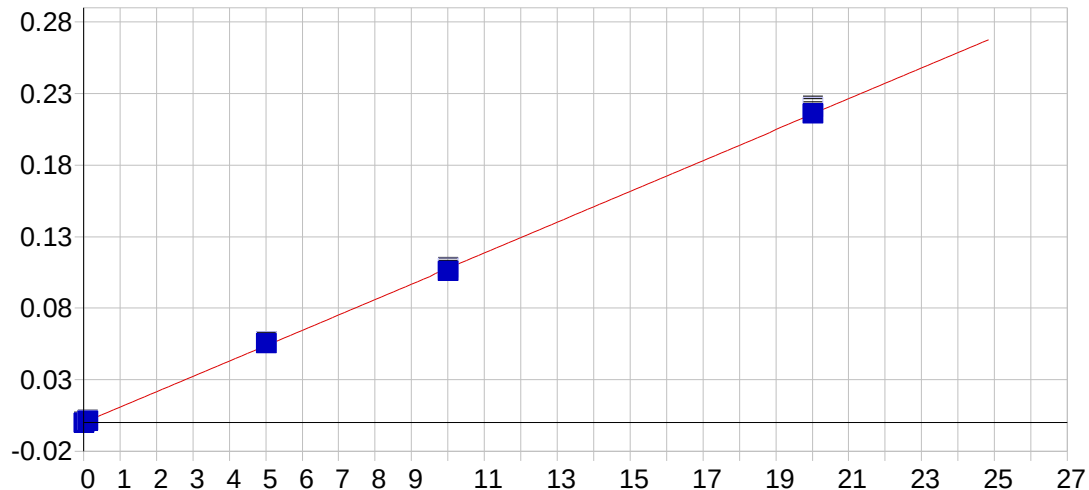
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001392 Re-Slope: 1.000000
 A1 (Gain): 0.003983 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914
 Std Error of Est: 0.000004
 Predicted MDL: 0.028632
 Predicted MQL: 0.095439

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00139	.000	1
S1	.10000	.10105	.001	1.05	-.00096	.000	1
S3	5.0000	5.1359	.136	2.72	.01946	.000	1
S4	10.000	9.8402	-.160	-1.60	.03860	.000	1
S5	20.000	20.023	.023	.114	.07995	.000	1

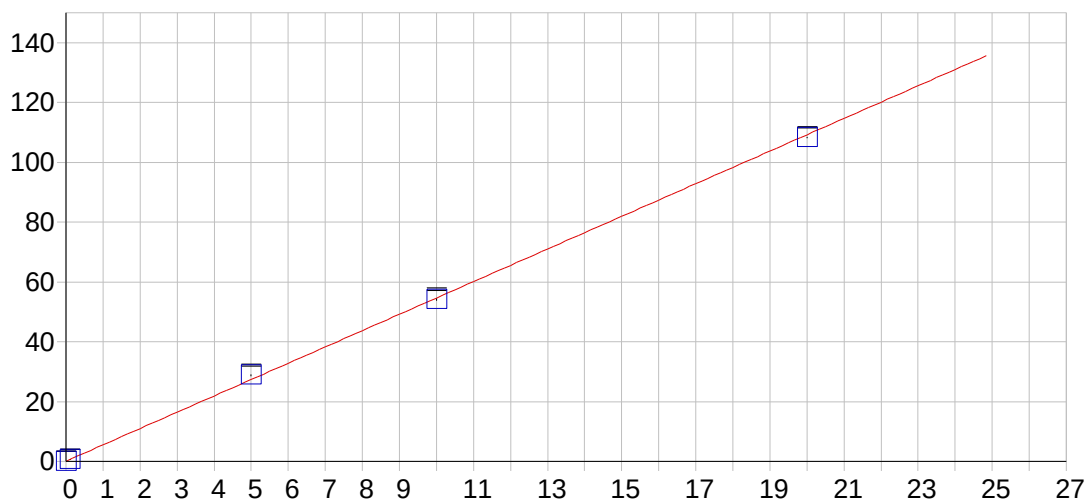


AI 396.152 { 85}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000106 Re-Slope: 1.000000
 A1 (Gain): 0.010784 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.014461
 Predicted MQL: 0.048203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00011	.000	1
S1	.10000	.12336	.023	23.4	.00130	.000	1
S3	5.0000	5.1346	.135	2.69	.05634	.000	1
S4	10.000	9.8127	-.187	-1.87	.10786	.000	1
S5	20.000	20.028	.028	.141	.22017	.001	1

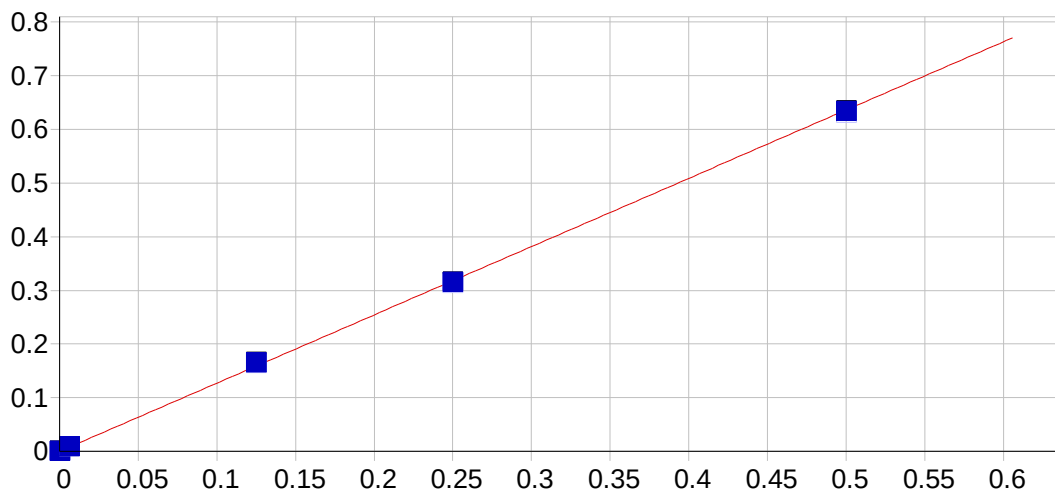


Ba 493.409 { 68}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.077062 Re-Slope: 1.000000
 A1 (Gain): 5.457137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.009255
 Predicted MDL: 0.000683
 Predicted MQL: 0.002275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07699	.001	1
S1	.10000	.11042	.010	10.4	.67962	.001	1
S3	5.0000	5.2619	.262	5.24	28.792	.243	1
S5	20.000	19.822	-.178	-.891	108.25	.178	1
S4	10.000	9.9060	-.094	-.940	54.135	.371	1



Be 234.861 {144}

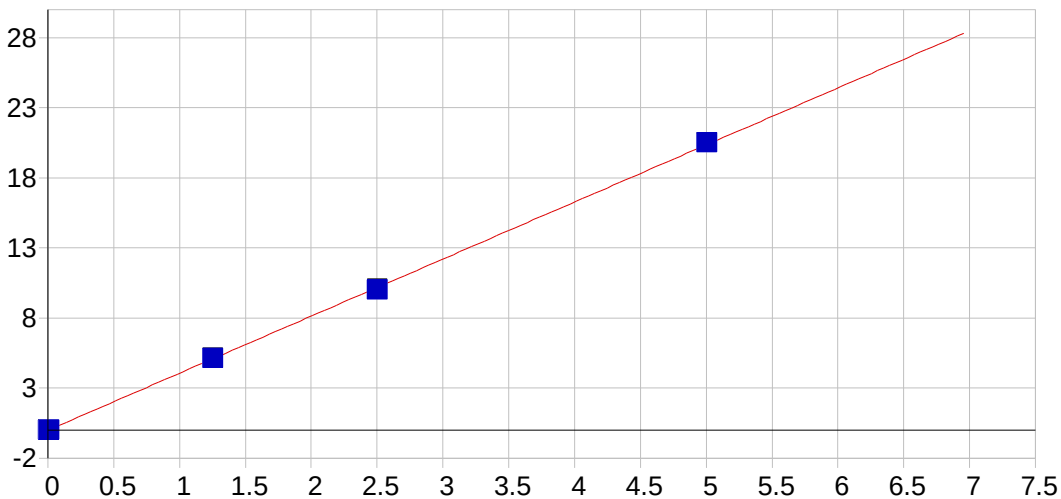
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000114 Re-Slope: 1.000000
 A1 (Gain): 1.271566 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000058
 Predicted MDL: 0.000070
 Predicted MQL: 0.000233

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00635	.000	5.84	.00811	.000	1
S3	.12500	.12931	.004	3.45	.16354	.001	1
S4	.25000	.24728	-.003	-1.09	.31255	.000	1
S5	.50000	.49806	-.002	-.388	.62943	.001	1

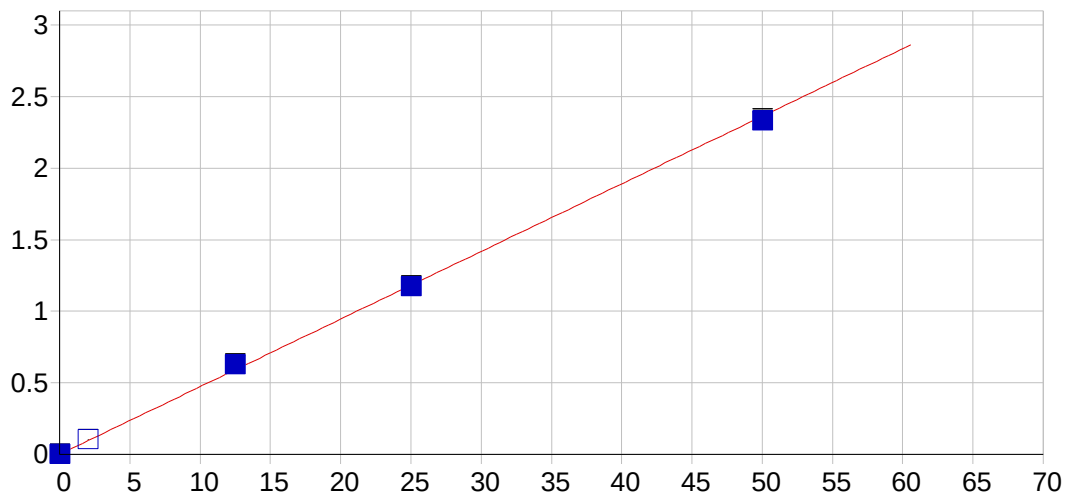


Cd 226.502 {449}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000795 Re-Slope: 1.000000
 A1 (Gain): 4.070460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000418
 Predicted MDL: 0.000099
 Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.00600	.00589	-.000	-1.80	.02323	.000	1
S3	1.2500	1.2583	.008	.663	5.1222	.018	1
S4	2.5000	2.4567	-.043	-1.73	10.001	.038	1
S5	5.0000	5.0351	.035	.703	20.499	.021	1

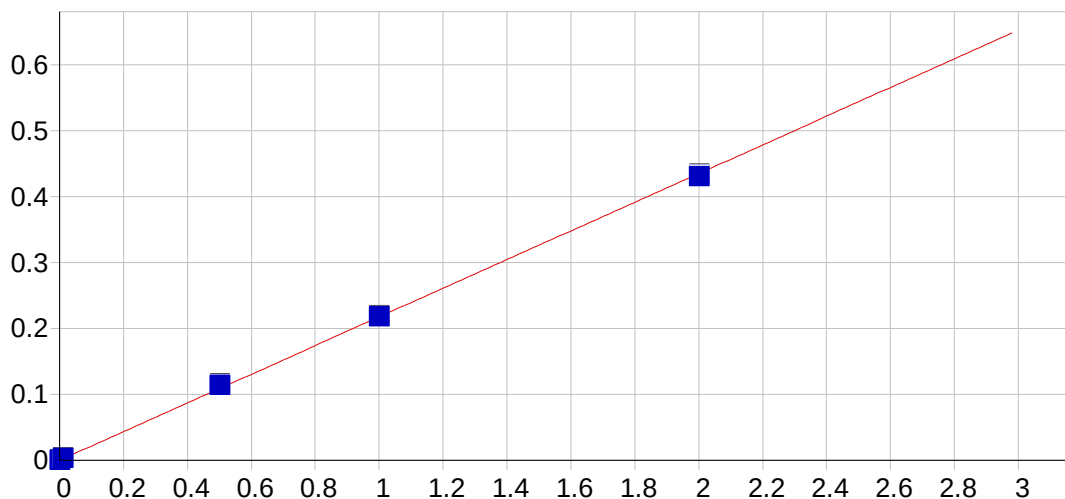


Ca 373.690 { 90}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000577 Re-Slope: 1.000000
 A1 (Gain): 0.047257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999630 Status: OK.
 Std Error of Est: 0.000702
 Predicted MDL: 0.020329
 Predicted MQL: 0.067763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1839	.184	9.19	.10378	.000	1
S0	.00000	-.00025	-.000	.000	.00057	.000	1
S3	12.500	13.193	.693	5.54	.62436	.007	1
S4	25.000	24.809	-.191	-.763	1.1736	.003	1
S5	50.000	49.314	-.686	-1.37	2.3323	.014	1



Cr 267.716 {126}

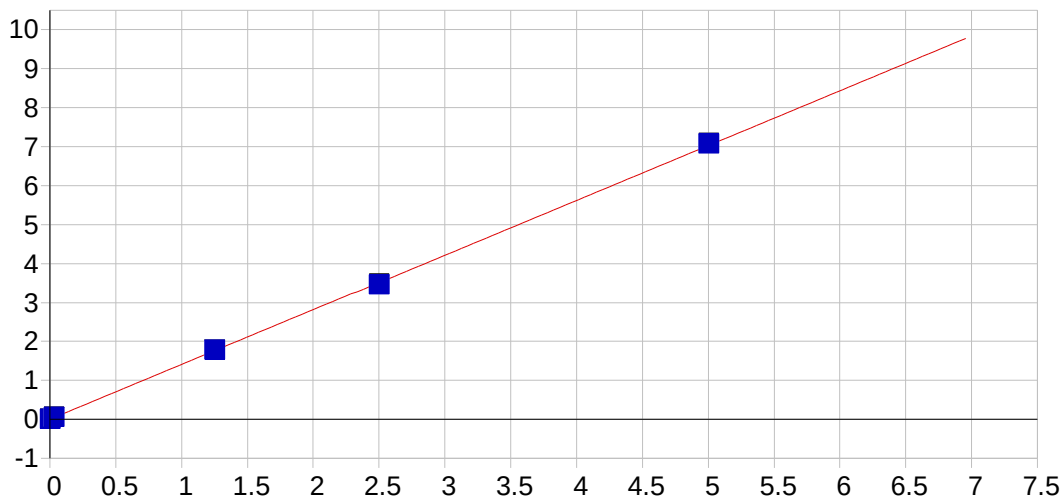
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.217418 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000033
 Predicted MDL: 0.000510
 Predicted MQL: 0.001701

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01093	.001	9.25	.00246	.000	1
S3	.50000	.52273	.023	4.55	.11453	.001	1
S4	1.0000	.99857	-.001	-.143	.21880	.000	1
S5	2.0000	1.9778	-.022	-1.11	.43332	.000	1



Co 228.616 {447}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

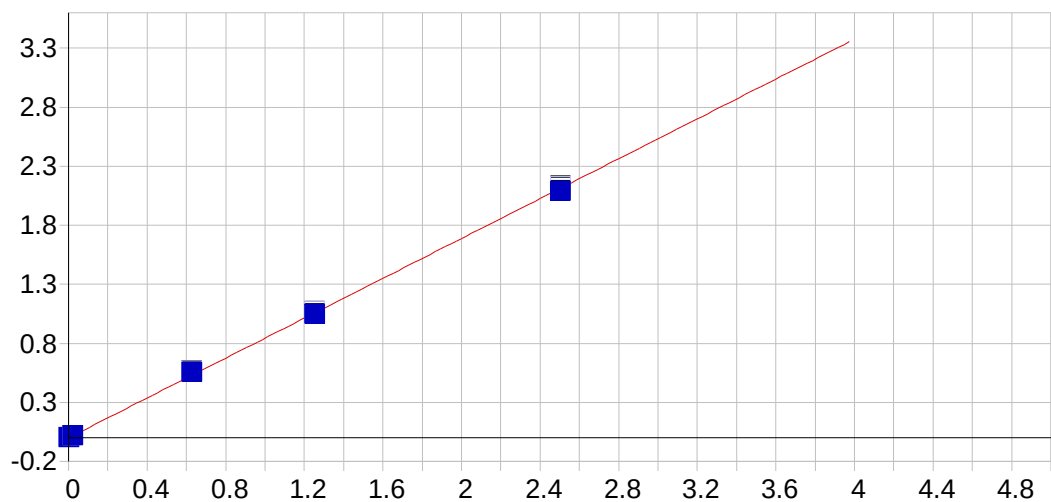
Weighting: 1/Conc

A0 (Offset): 0.000131
 A1 (Gain): 1.405496
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000395
 Predicted MDL: 0.000262
 Predicted MQL: 0.000874

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	.00013	.000	1
S1	.03000	.03346	.003	11.5	.04687	.001	1
S3	1.2500	1.2623	.012	.983	1.7757	.007	1
S4	2.5000	2.4534	-.047	-1.86	3.4512	.016	1
S5	5.0000	5.0308	.031	.617	7.0765	.011	1

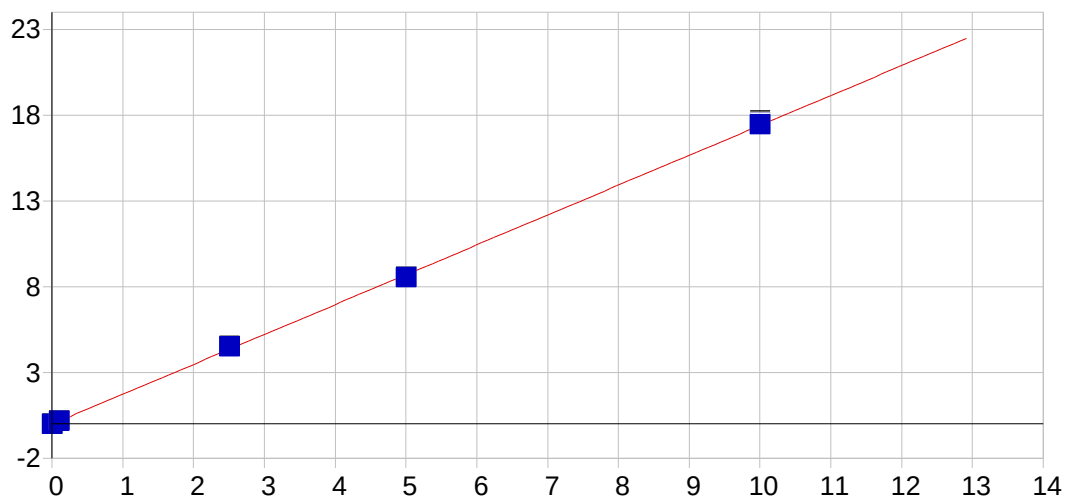


Cu 224.700 {450}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000450 Re-Slope: 1.000000
 A1 (Gain): 0.844167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.000526
 Predicted MQL: 0.001753

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.02000	.02223	.002	11.2	.01863	.000	1
S3	.62500	.65699	.032	5.12	.56395	.000	1
S4	1.2500	1.2430	-.007	-.561	1.0684	.000	1
S5	2.5000	2.4728	-.027	-1.09	2.1262	.006	1



Fe 240.488 {140}

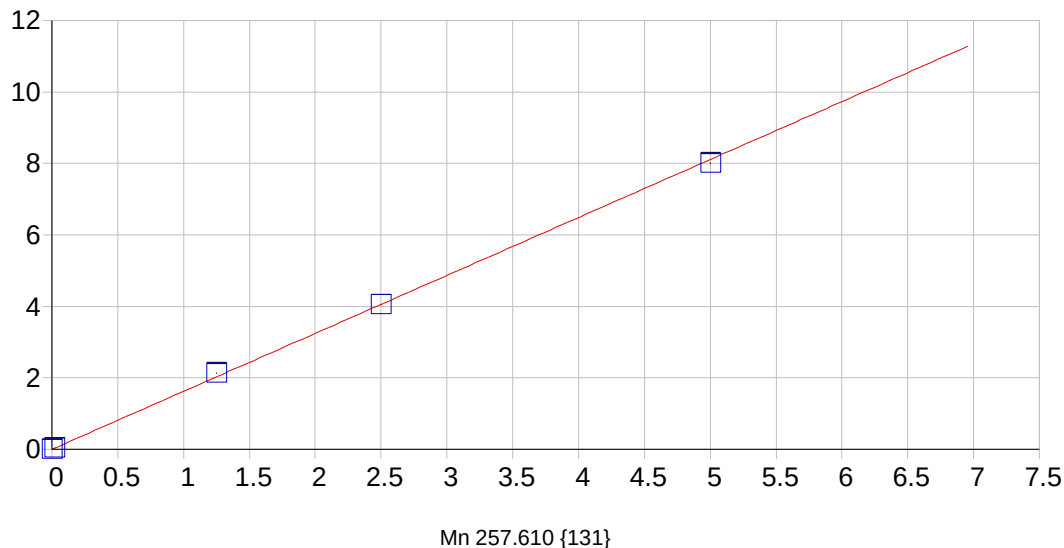
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009640 Re-Slope: 1.000000
 A1 (Gain): 1.741393 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874
 Std Error of Est: 0.001505
 Predicted MDL: 0.006878
 Predicted MQL: 0.022927

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00964	.002	1
S1	.10000	.10047	.000	.471	.16617	.011	1
S3	2.5000	2.5766	.077	3.07	4.4992	.015	1
S4	5.0000	4.8982	-.102	-2.04	8.5639	.000	1
S5	10.000	10.025	.025	.247	17.535	.123	1



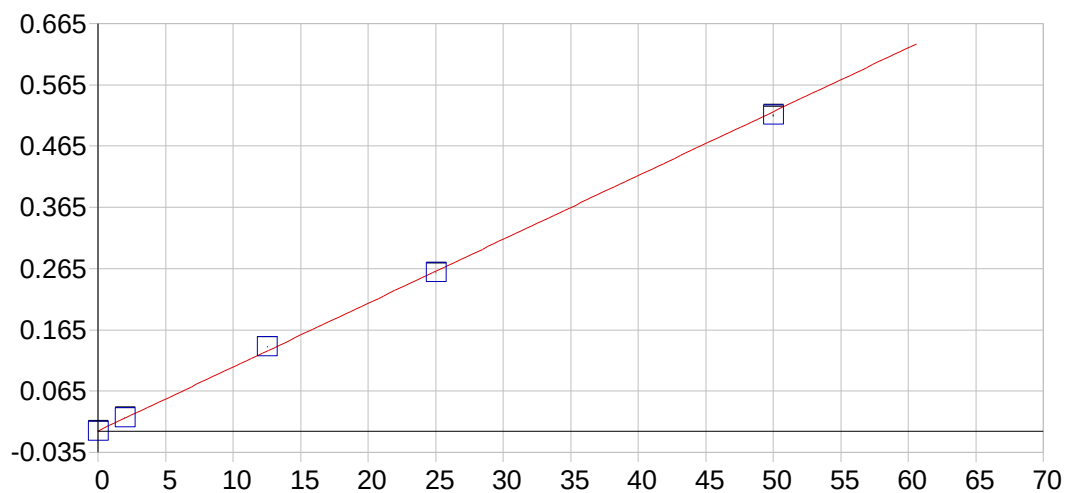
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000404
 A1 (Gain): 1.621755
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716
 Std Error of Est: 0.000660
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

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	.00040	.000	1
S1	.02000	.02335	.003	16.7	.03827	.000	1
S3	1.2500	1.3171	.067	5.37	2.1364	.019	1
S4	2.5000	2.4924	-.008	-.303	4.0425	.001	1
S5	5.0000	4.9371	-.063	-1.26	8.0072	.015	1

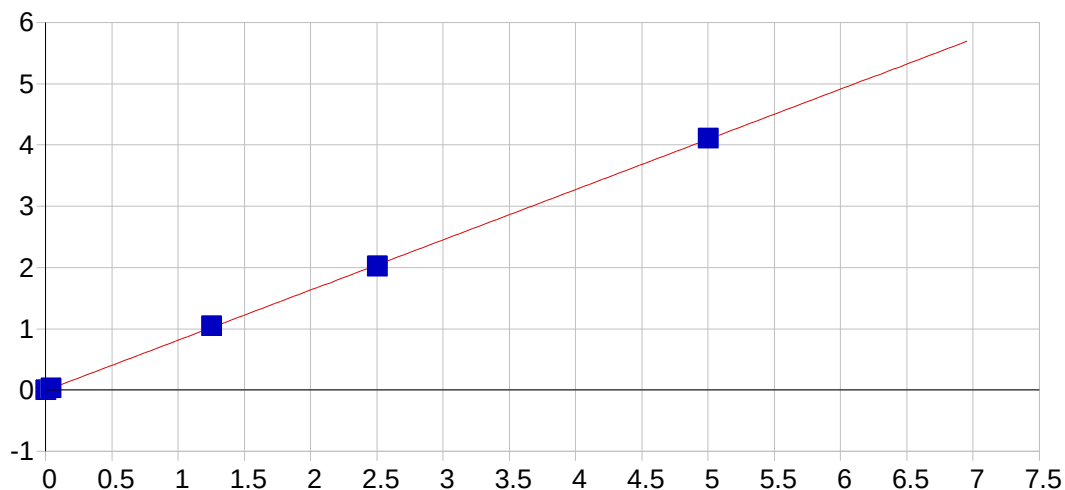


Mg 279.079 {121}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.010423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.043186
 Predicted MQL: 0.143954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1028	.103	5.14	.02189	.001	1
S0	.00000	-.00017	-.000	.000	-.00003	.000	1
S3	12.500	13.161	.661	5.29	.13715	.000	1
S4	25.000	24.799	-.201	-.804	.25846	.000	1
S5	50.000	49.437	-.563	-1.13	.51527	.002	1



Ni 231.604 {445}

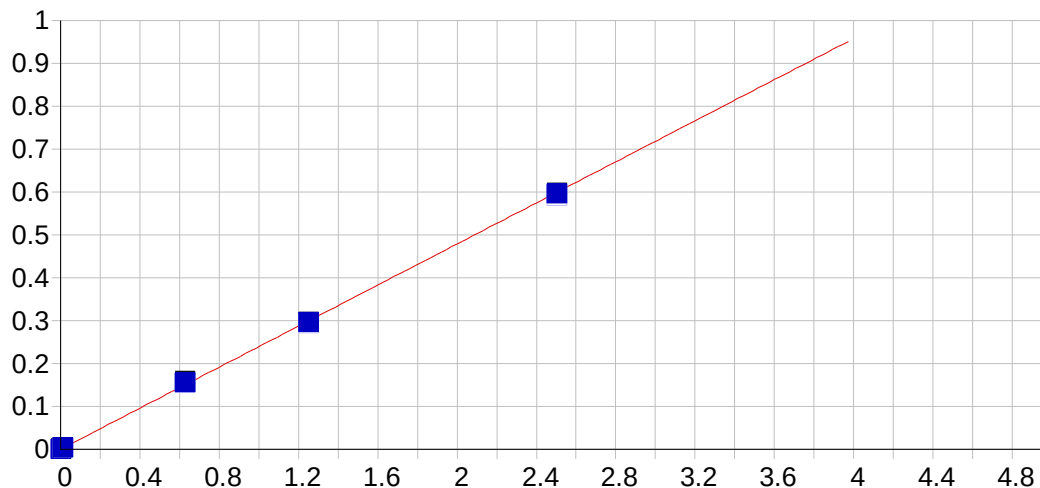
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007419 Re-Slope: 1.000000
 A1 (Gain): 0.820047 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000257
 Predicted MDL: 0.000474
 Predicted MQL: 0.001580

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00742	.000	1
S1	.04000	.04392	.004	9.80	.02861	.000	1
S3	1.2500	1.2752	.025	2.01	1.0394	.000	1
S4	2.5000	2.4624	-.038	-1.50	2.0141	.006	1
S5	5.0000	5.0085	.008	.169	4.1042	.003	1



Ag 328.068 {103}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

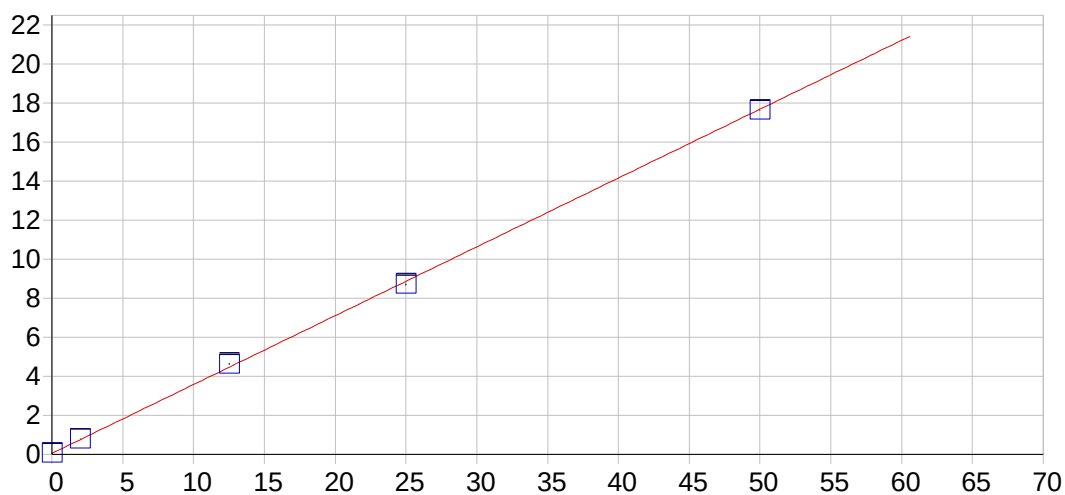
Weighting: 1/Conc

A0 (Offset): 0.000106
 A1 (Gain): 0.239400
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846
 Std Error of Est: 0.000035
 Predicted MDL: 0.000697
 Predicted MQL: 0.002322

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	.00011	.000	1
S1	.01000	.01032	.000	3.21	.00253	.000	1
S3	.62500	.65105	.026	4.17	.15427	.002	1
S4	1.2500	1.2357	-.014	-1.15	.29253	.000	1
S5	2.5000	2.4880	-.012	-.482	.58894	.001	1

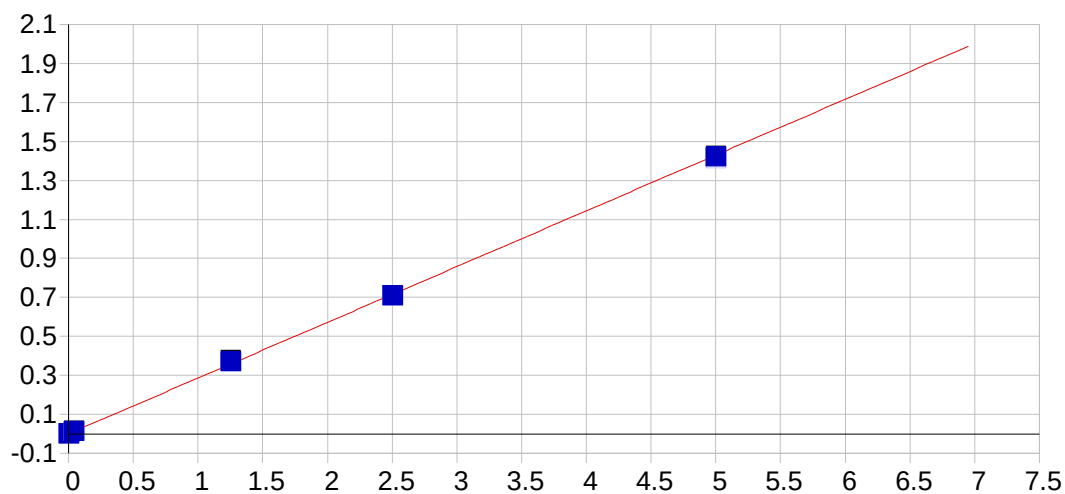


Na 589.592 { 57}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.053335 Re-Slope: 1.000000
 A1 (Gain): 0.352869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.003739
 Predicted MDL: 0.009557
 Predicted MQL: 0.031855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1139	.114	5.70	.79927	.001	1
S0	.00000	-.00015	-.000	.000	.05328	.005	1
S3	12.500	12.982	.482	3.85	4.6342	.044	1
S4	25.000	24.546	-.454	-1.82	8.7148	.056	1
S5	50.000	49.858	-.142	-.283	17.647	.016	1



V 292.402 {115}

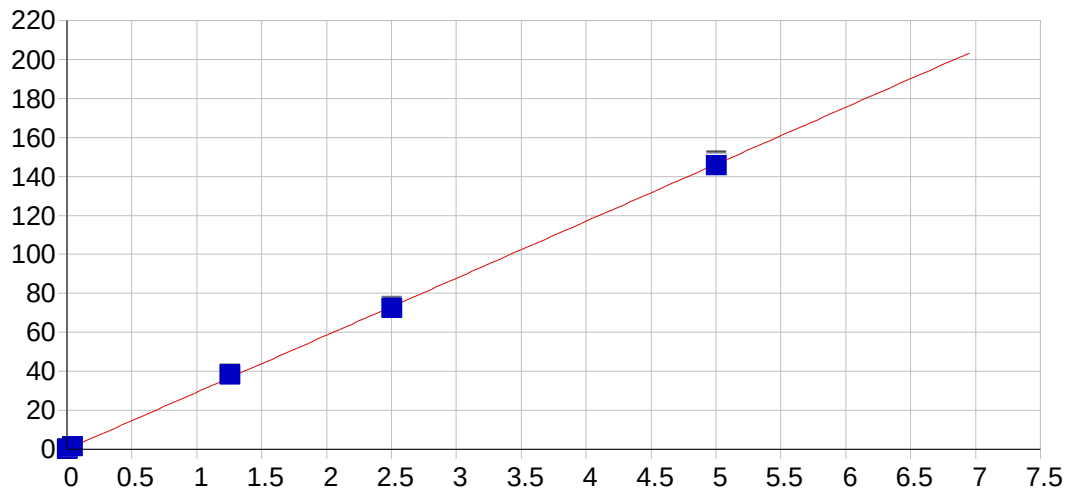
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.285986 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819
 Std Error of Est: 0.000131
 Predicted MDL: 0.000512
 Predicted MQL: 0.001705

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00002	.000	1
S1	.04000	.04611	.006	15.3	.01299	.000	1
S3	1.2500	1.2976	.048	3.81	.36875	.004	1
S4	2.5000	2.4768	-.023	-.927	.70364	.000	1
S5	5.0000	4.9695	-.031	-.610	1.4118	.002	1



Zn 206.200 {163}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

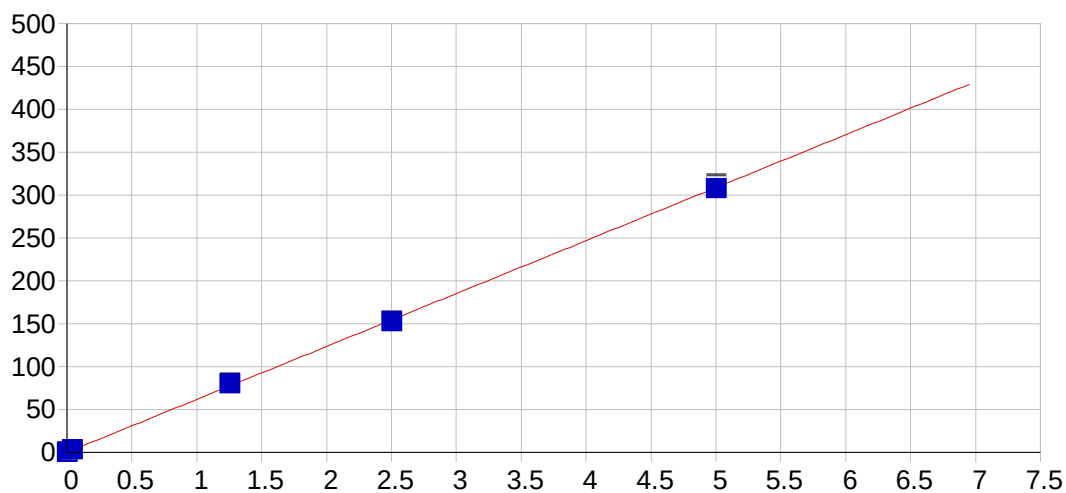
Weighting: 1/Conc

A0 (Offset): 0.039743
 A1 (Gain): 29.243809
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841
 Std Error of Est: 0.012686
 Predicted MDL: 0.000484
 Predicted MQL: 0.001615

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	.03956	.002	1
S1	.04000	.04530	.005	13.3	1.3722	.004	1
S3	1.2500	1.2964	.046	3.71	38.172	.227	1
S4	2.5000	2.4740	-.026	-1.04	72.832	.256	1
S5	5.0000	4.9743	-.026	-.514	146.39	1.40	1

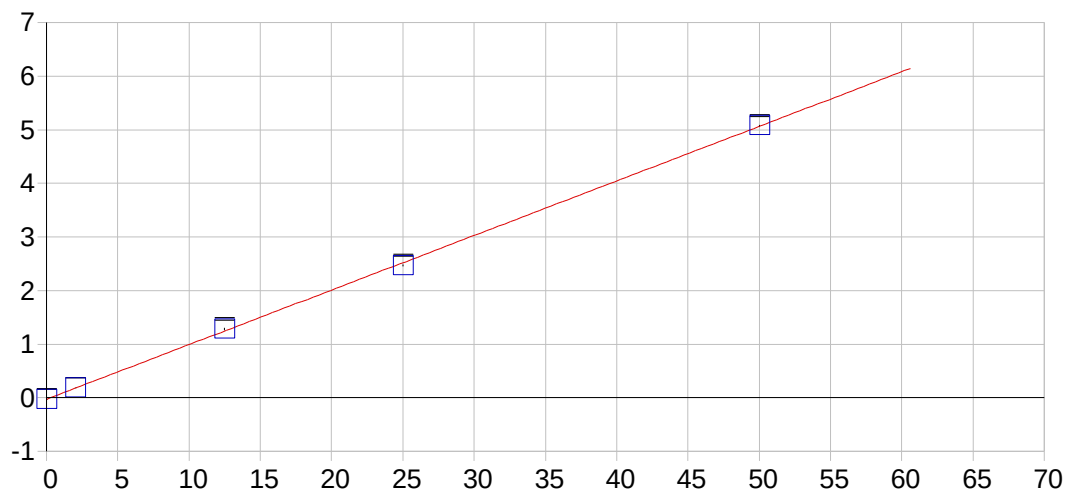


Zn 213.856 {458}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.044603 Re-Slope: 1.000000
 A1 (Gain): 61.735673 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.026248
 Predicted MDL: 0.000101
 Predicted MQL: 0.000338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.04425	.001	1
S1	.04000	.04502	.005	12.6	2.8402	.003	1
S3	1.2500	1.2944	.044	3.55	80.420	.522	1
S4	2.5000	2.4661	-.034	-1.36	153.22	.055	1
S5	5.0000	4.9846	-.015	-.309	309.64	2.73	1



K 766.490 {44}

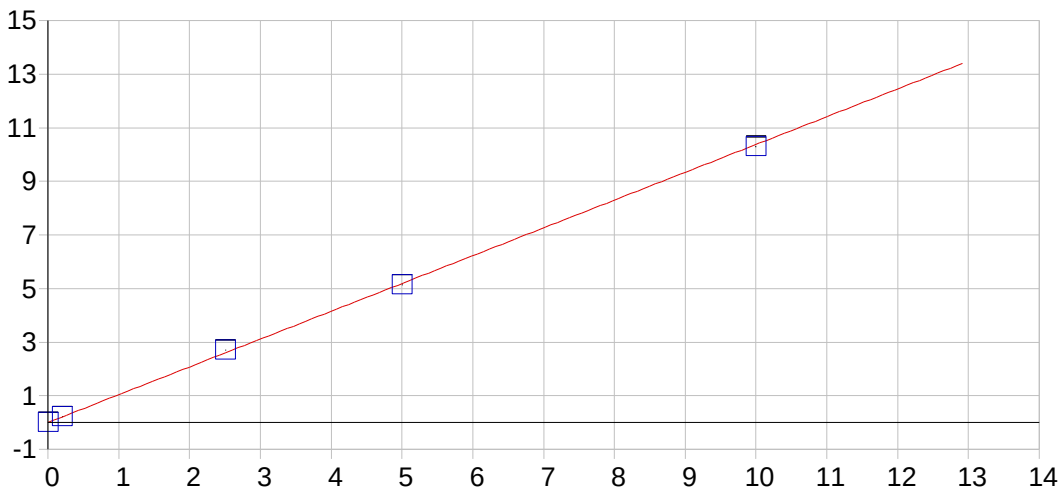
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.027238 Re-Slope: 1.000000
 A1 (Gain): 0.101788 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000837
 Predicted MDL: 0.035603
 Predicted MQL: 0.118676

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0500	.050	2.50	.18143	.005	1
S0	.00000	-.00007	-.000	.000	-.02724	.001	1
S3	12.500	12.841	.341	2.73	1.2799	.022	1
S4	25.000	24.512	-.488	-1.95	2.4678	.014	1
S5	50.000	50.097	.097	.193	5.0720	.018	1



Mo 202.030 {467}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

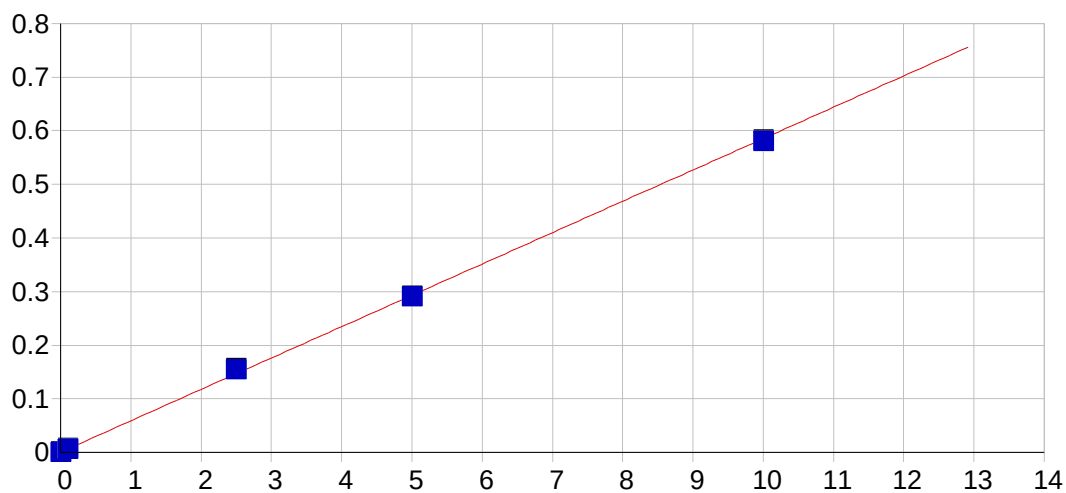
Weighting: 1/Conc

A0 (Offset): 0.000161
 A1 (Gain): 1.037399
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832
 Std Error of Est: 0.001459
 Predicted MDL: 0.000295
 Predicted MQL: 0.000982

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	.00014	.000	1
S1	.20000	.21320	.013	6.60	.22134	.002	1
S3	2.5000	2.6020	.102	4.08	2.6995	.003	1
S4	5.0000	4.9541	-.046	-.919	5.1395	.003	1
S5	10.000	9.9307	-.069	-.693	10.302	.025	1

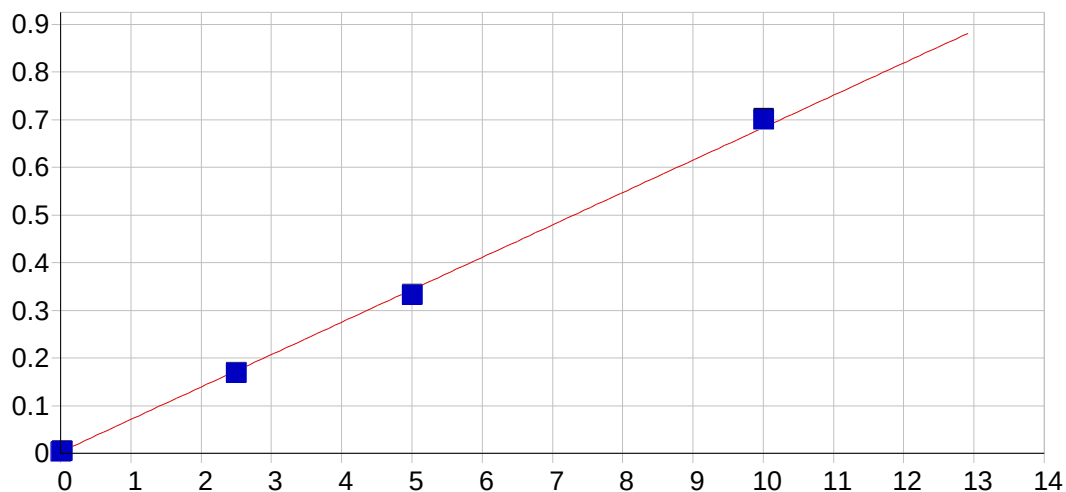


B 249.678 {135}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000562 Re-Slope: 1.000000
 A1 (Gain): 0.058487 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.007235
 Predicted MQL: 0.024115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.10000	.09644	-.004	-3.56	.00618	.000	1
S3	2.5000	2.6273	.127	5.09	.15388	.002	1
S4	5.0000	4.9554	-.045	-.892	.28970	.001	1
S5	10.000	9.9208	-.079	-.792	.57943	.001	1



S 182.034 {485}

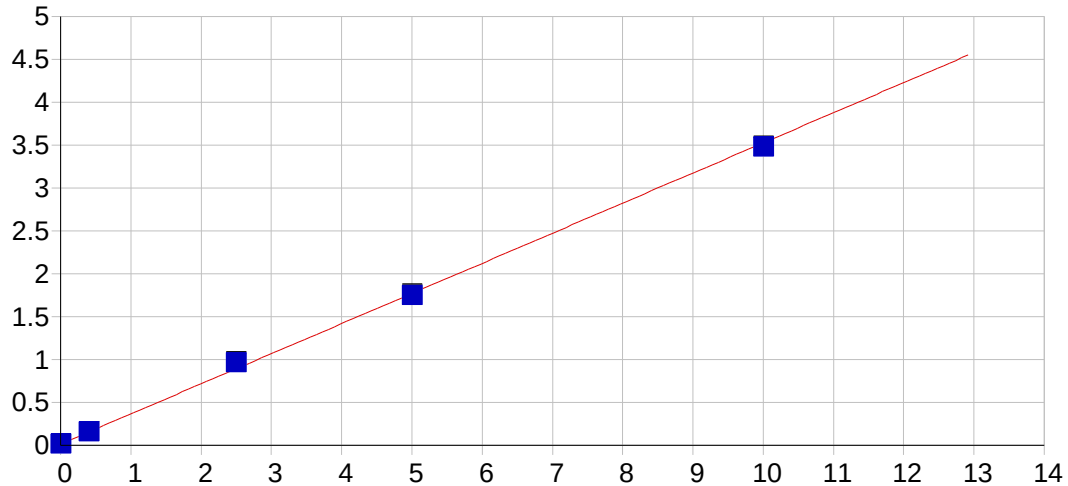
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003096 Re-Slope: 1.000000
 A1 (Gain): 0.067989 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999581
 Std Error of Est: 0.000047
 Predicted MDL: 0.003001
 Predicted MQL: 0.010004

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00310	.000	1
S1	.02000	.01489	-.005	-25.5	.00407	.000	1
S3	2.5000	2.4308	-.069	-2.77	.16817	.001	1
S4	5.0000	4.8327	-.167	-3.35	.33129	.001	1
S5	10.000	10.241	.241	2.41	.69864	.002	1



Si 288.158 {117}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

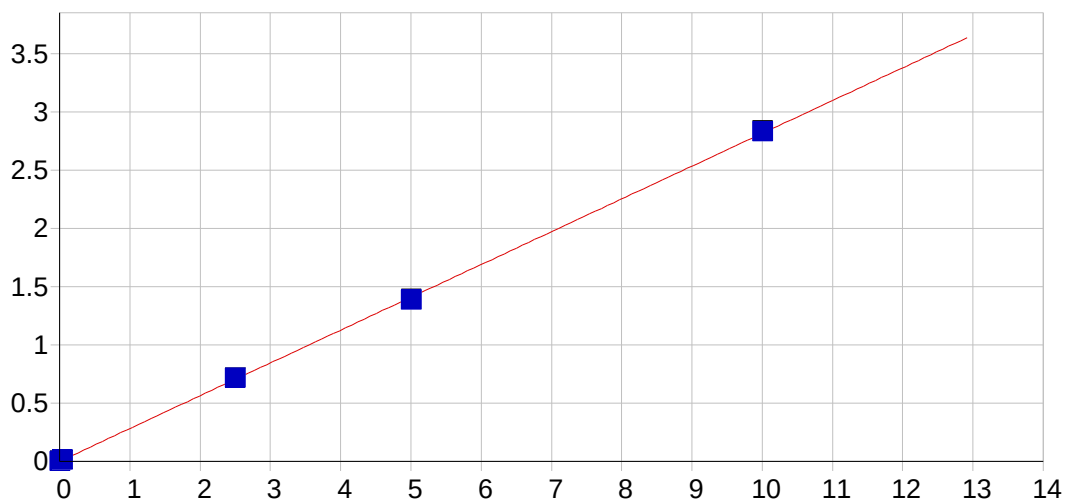
Weighting: 1/Conc

A0 (Offset): 0.014672
 A1 (Gain): 0.351172
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470
 Std Error of Est: 0.001247
 Predicted MDL: 0.002926
 Predicted MQL: 0.009752

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01466	.000	1
S1	.40000	.41216	.012	3.04	.15929	.000	1
S3	2.5000	2.6977	.198	7.91	.96155	.012	1
S4	5.0000	4.9230	-.077	-1.54	1.7425	.017	1
S5	10.000	9.8672	-.133	-1.33	3.4779	.007	1

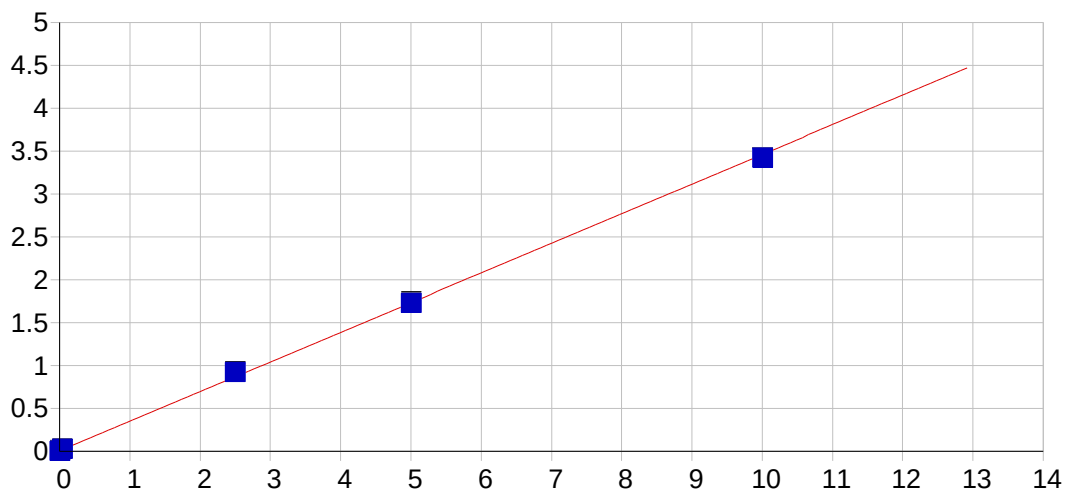


Sn 189.989 {477}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000836 Re-Slope: 1.000000
 A1 (Gain): 0.281423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.000737
 Predicted MQL: 0.002455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00084	.000	1
S1	.04000	.04207	.002	5.18	.01267	.000	1
S3	2.5000	2.5284	.028	1.14	.71251	.001	1
S4	5.0000	4.9189	-.081	-1.62	1.3854	.006	1
S5	10.000	10.051	.051	.506	2.8298	.002	1



Ti 336.121 {100}

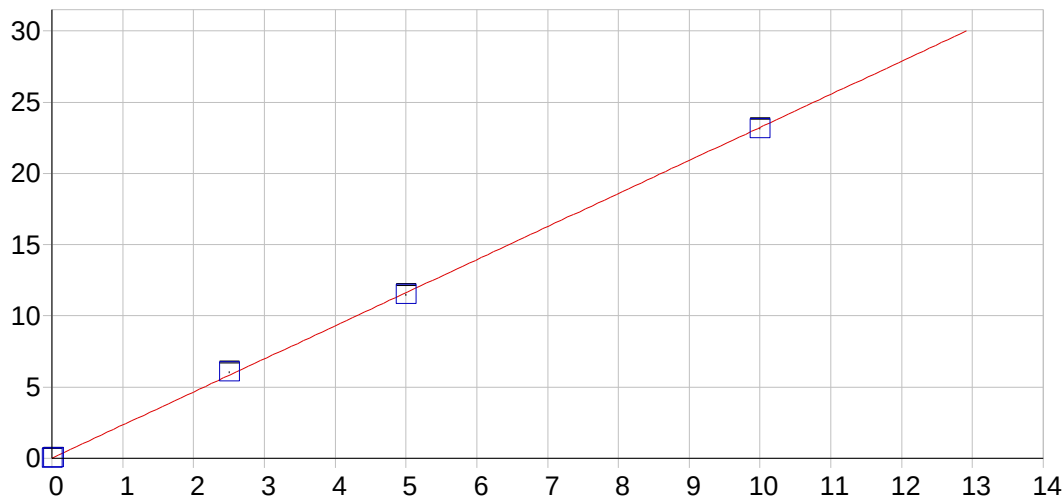
Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003672 Re-Slope: 1.000000
 A1 (Gain): 0.345838 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999688
 Std Error of Est: 0.000295
 Predicted MDL: 0.002097
 Predicted MQL: 0.006989

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00367	.000	1
S1	.04000	.04602	.006	15.0	.01958	.001	1
S3	2.5000	2.6437	.144	5.75	.91786	.007	1
S4	5.0000	4.9814	-.019	-.372	1.7262	.014	1
S5	10.000	9.8689	-.131	-1.31	3.4163	.001	1



Li 670.784 { 50}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

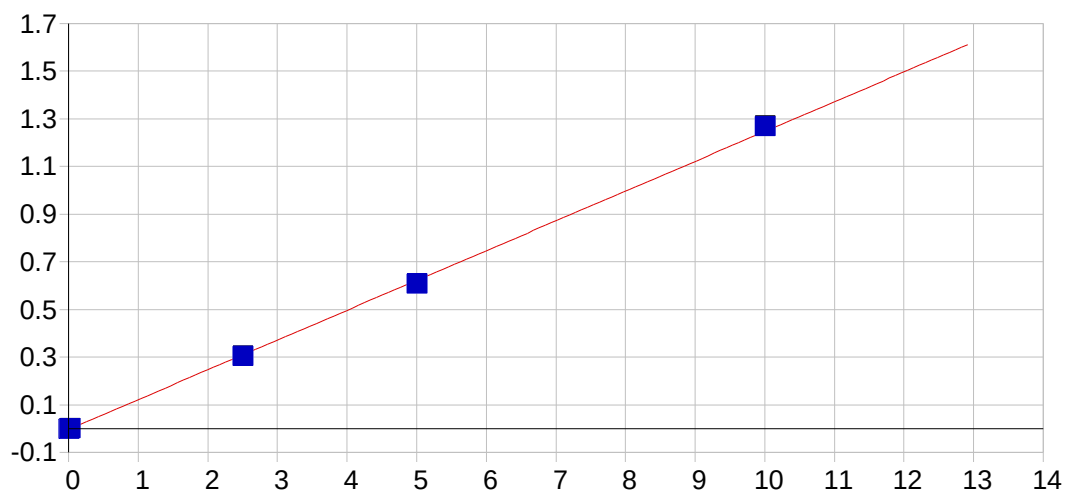
Weighting: 1/Conc

A0 (Offset): 0.013588
 A1 (Gain): 2.322431
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854
 Std Error of Est: 0.000960
 Predicted MDL: 0.001517
 Predicted MQL: 0.005056

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	.01359	.003	1
S1	.02000	.01974	-.000	-1.28	.05944	.001	1
S3	2.5000	2.6028	.103	4.11	6.0584	.062	1
S4	5.0000	4.9398	-.060	-1.20	11.486	.054	1
S5	10.000	9.9577	-.042	-.423	23.140	.054	1

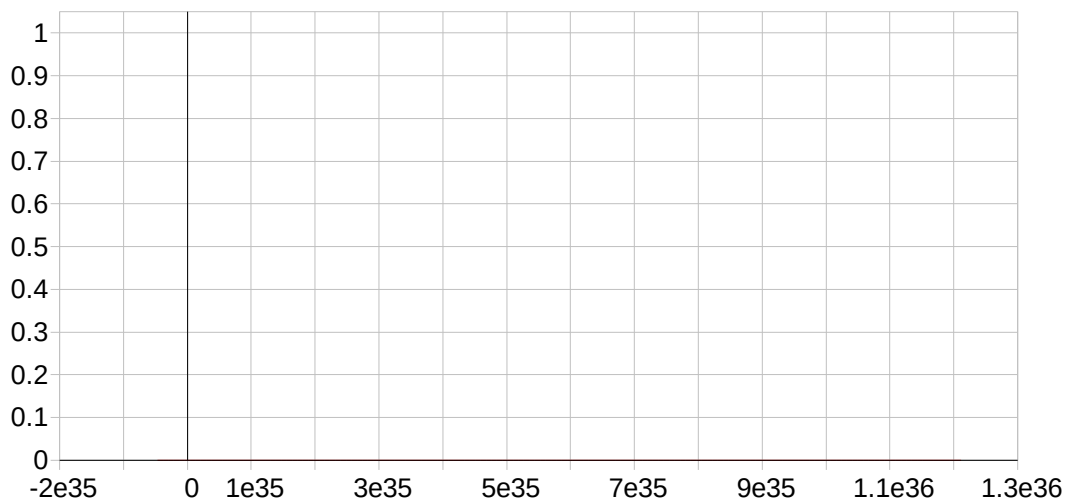


P 177.495 {490}

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003542 Re-Slope: 1.000000
 A1 (Gain): 0.125046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.001659
 Predicted MQL: 0.005529

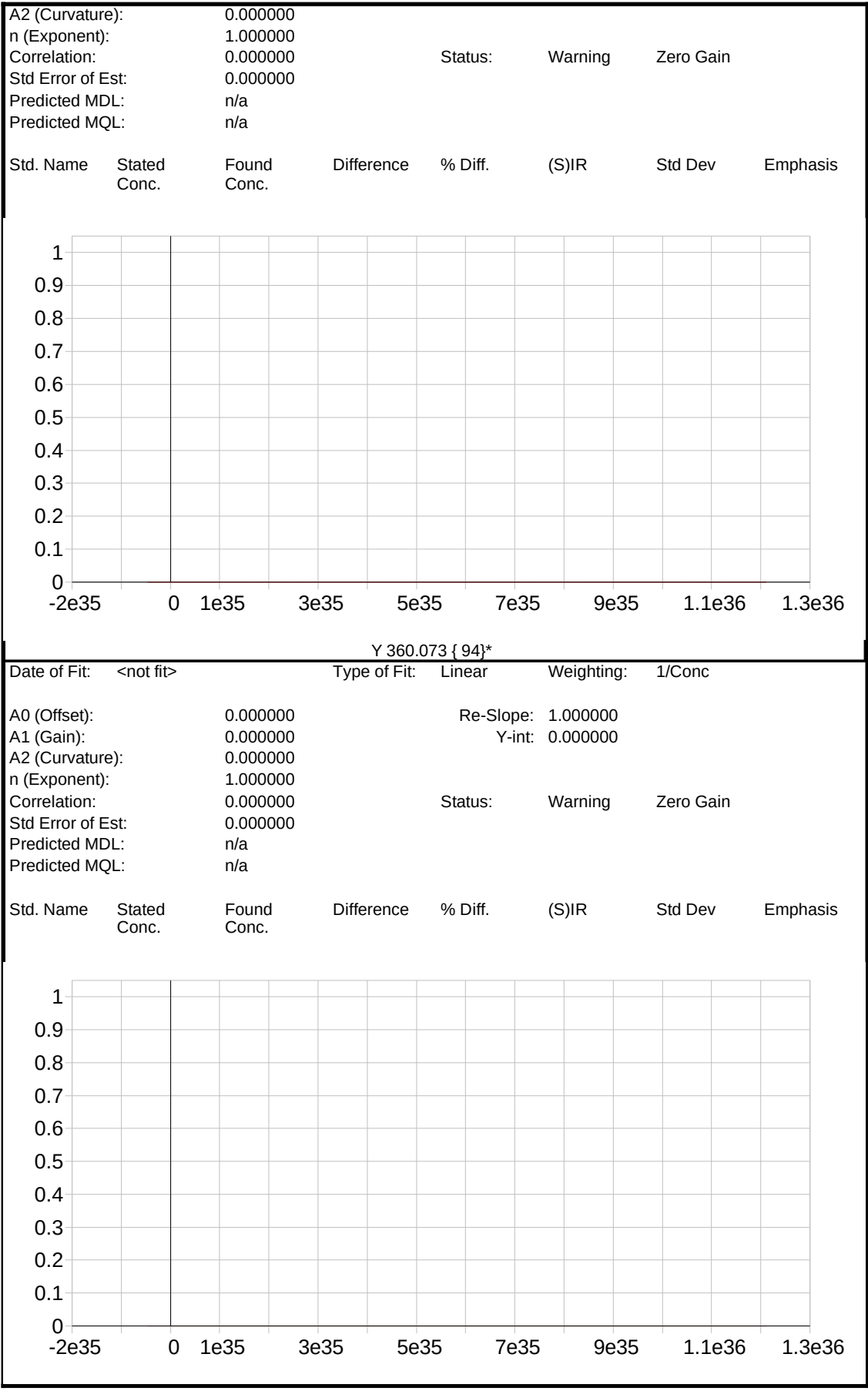
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00354	.000	1
S1	.02000	.01788	-.002	-10.6	-.00132	.000	1
S3	2.5000	2.4521	-.048	-1.92	.30263	.000	1
S4	5.0000	4.8773	-.123	-2.45	.60544	.000	1
S5	10.000	10.173	.173	1.73	1.2667	.001	1

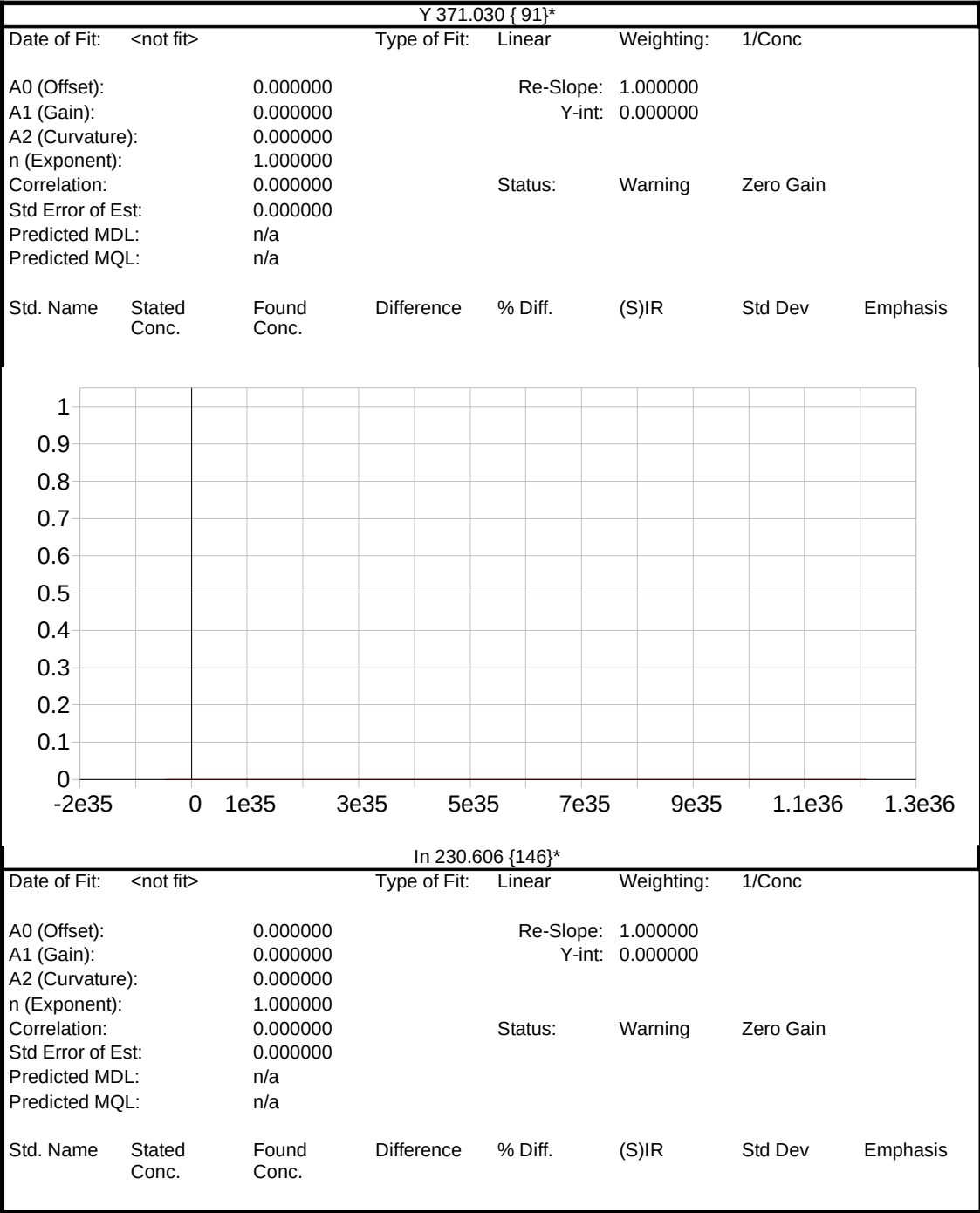


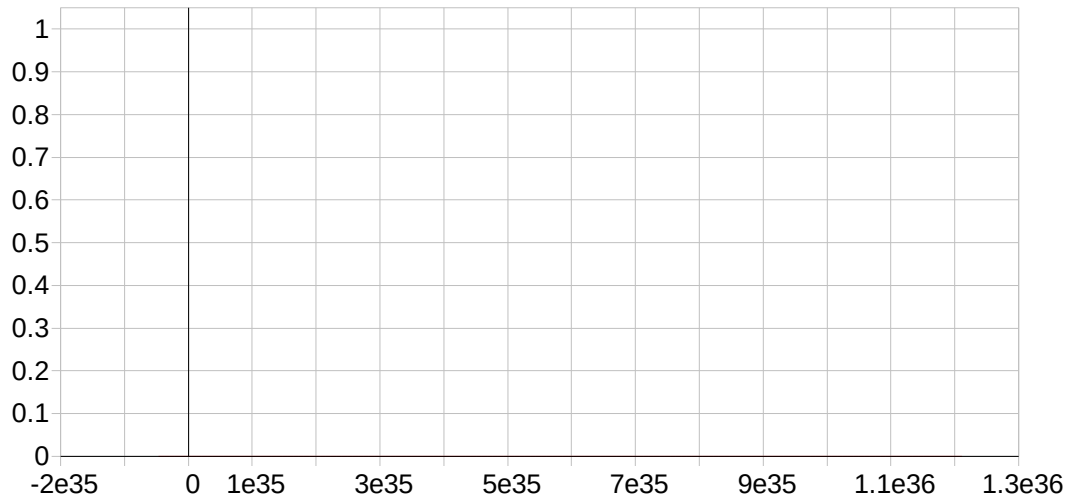
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

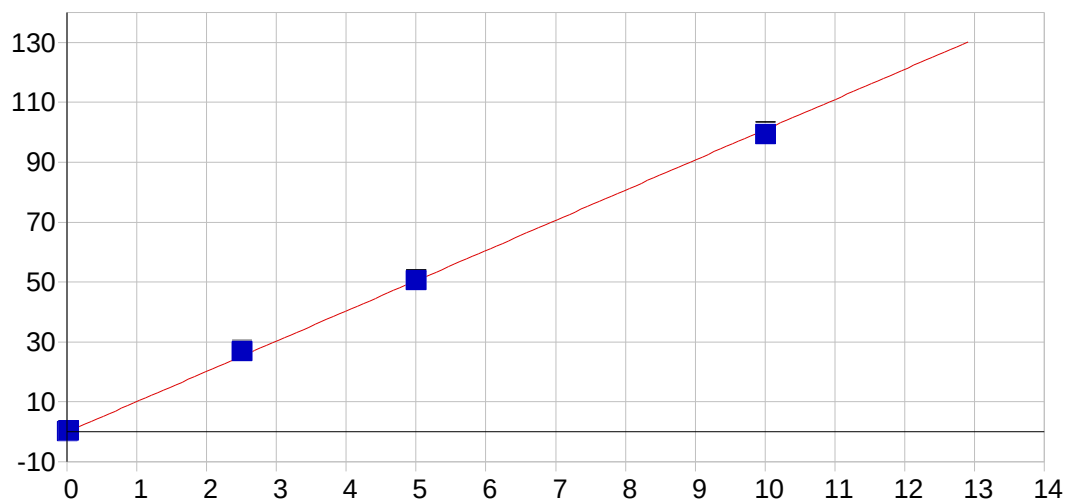
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006662

Re-Slope: 1.000000

A1 (Gain): 10.086377

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999621

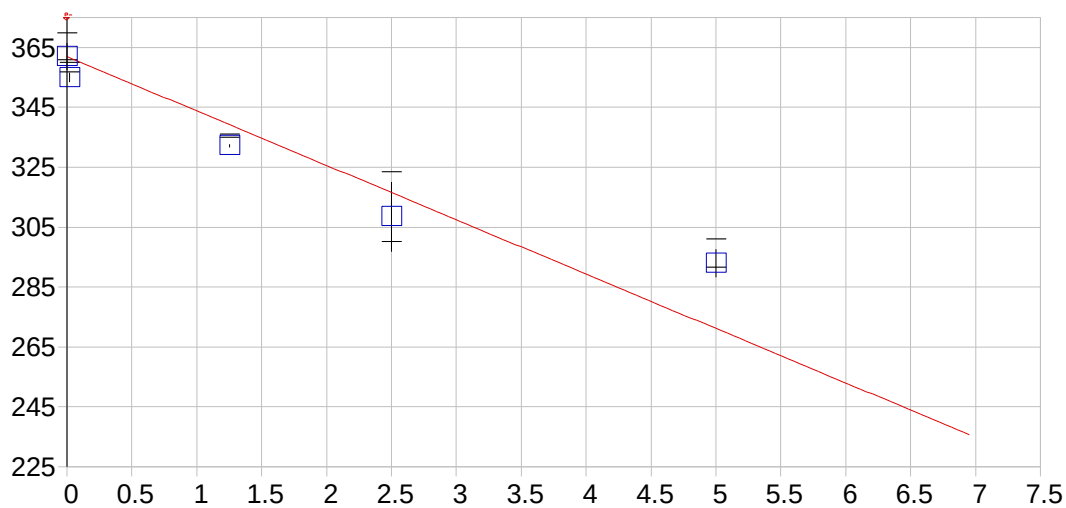
Status: OK.

Std Error of Est: 0.006717

Predicted MDL: 0.000128

Predicted MQL: 0.000426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00669	.000	1
S1	.02000	.02179	.002	8.97	.21427	.002	1
S3	2.5000	2.6623	.162	6.49	26.874	.204	1
S4	5.0000	4.9976	-.002	-.049	50.456	.328	1
S5	10.000	9.8383	-.162	-1.62	99.337	.786	1

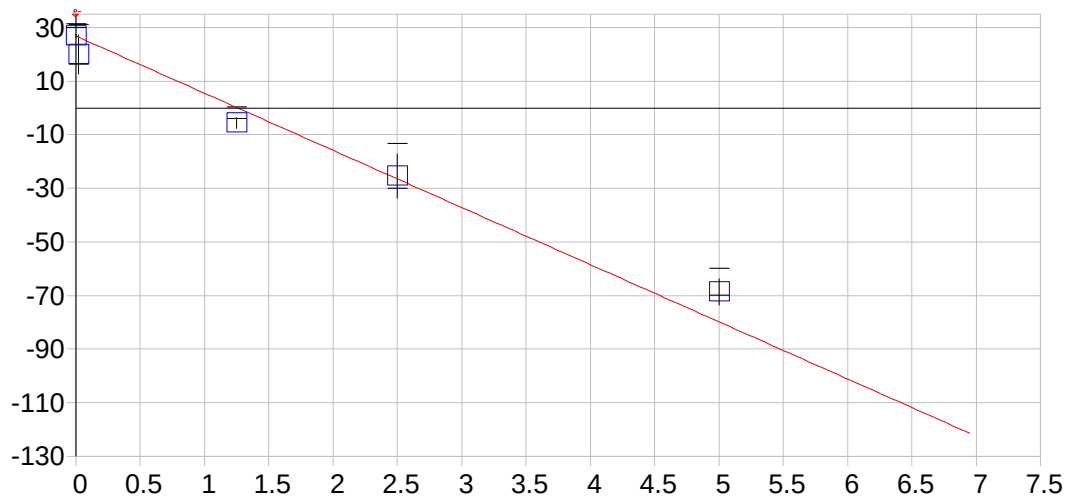


U 367.007 { 92 }

Date of Fit: 11/13/2018 11:44:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 361.952685 Re-Slope: 1.000000
 A1 (Gain): -18.157950 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.744676 Status: Warning Negative Gain
 Std Error of Est: 0.278107
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	361.96	4.54	1
S1	.02000	.38194	.362	1810.	355.02	1.67	1
S3	1.2500	1.6399	.390	31.2	332.17	.617	1
S4	2.5000	2.9457	.446	17.8	308.47	11.7	1
S5	5.0000	3.8025	-1.20	-24.0	292.91	4.76	1



U 385.958 { 87}

Date of Fit: 11/13/2018 11:44:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 26.847818

Re-Slope: 1.000000

A1 (Gain): -21.326735

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.807505

Status: Warning Negative Gain

Std Error of Est: 0.266218

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00030	-.000	.000	26.854	.702	1
S1	.02000	.32203	.302	1510.	19.980	7.39	1
S3	1.2500	1.5194	.269	21.6	-5.5560	2.08	1
S4	2.5000	2.4517	-.048	-1.93	-25.439	8.44	1
S5	5.0000	4.4769	-.523	-10.5	-68.629	5.05	1

Sample Name: S0 Acquired: 11/13/2018 11:21:00 Type: Cal
Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00008	-.00062	.00294	-.00016	.00037	-.00011	.07699	.00011
Stddev	.00004	.00030	.00034	.00018	.00018	.00003	.00136	.00003
%RSD	52.580	48.444	11.561	115.98	48.201	25.805	1.7726	30.000
#1	.00005	-.00084	.00318	-.00003	.00025	-.00013	.07602	.00009
#2	.00011	-.00041	.00270	-.00028	.00050	-.00009	.07795	.00014
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	-.00079	.00057	.00007	.00013	-.00045	-.00964	.00040	-.00003
Stddev	.00026	.00008	.00002	.00023	.00021	.00242	.00002	.00015
%RSD	32.550	13.300	29.180	179.12	46.346	25.102	5.0414	558.12
#1	-.00098	.00051	.00006	-.00003	-.00060	-.00793	.00038	-.00013
#2	-.00061	.00062	.00009	.00029	-.00030	-.01135	.00041	.00008
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	-.00742	.00011	.05328	-.00002	.04425	-.02724	.00014	.00056
Stddev	.00010	.00002	.00532	.00005	.00054	.00112	.00020	.00043
%RSD	1.3600	18.094	9.9857	219.88	1.2145	4.1000	139.73	76.299
#1	-.00749	.00012	.04952	-.00006	.04387	-.02803	.00000	.00026
#2	-.00735	.00009	.05704	.00001	.04463	-.02645	.00028	.00087
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	.00310	.01466	.00084	.00367	.01359	-.0035	-.00669	361.96
Stddev	.00009	.00000	.00026	.00033	.00294	.0002	.00020	4.54
%RSD	2.9047	.01725	31.152	9.0073	21.612	5.060	2.9198	1.2535
#1	.00316	.01466	.00065	.00344	.01566	-.0037	-.00655	358.75
#2	.00303	.01466	.00102	.00390	.01151	-.0034	-.00683	365.17

Sample Name: S0 Acquired: 11/13/2018 11:21:00 Type: Cal
Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	26.854
Stddev	.702
%RSD	2.6145

#1	26.358
#2	27.351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.6	39779.	4578.0	116.29	3097.8
Stddev	26.2	191.	5.9	.47	25.5
%RSD	.91493	.48035	.12834	.40536	.82327

#1	2848.1	39644.	4582.1	116.63	3079.8
#2	2885.2	39914.	4573.8	115.96	3115.9

Sample Name: S1 Acquired: 11/13/2018 11:25:03 Type: Cal
Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00149	.00858	.00727	.00178	.01078	.00130	.67962	.00811
Stddev	.00022	.00019	.00013	.00010	.00045	.00003	.00095	.00001
%RSD	15.052	2.1964	1.8231	5.4242	4.2102	2.2010	.13946	.08996

#1	.00134	.00871	.00736	.00171	.01045	.00128	.68029	.00811
#2	.00165	.00844	.00717	.00184	.01110	.00132	.67895	.00810

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	.02323	.00246	.04687	.01863	.16617	.03827	.02861	.00253
Stddev	.00029	.00000	.00088	.00011	.01105	.00037	.00031	.00003
%RSD	1.2616	.18012	1.8747	.57474	6.6478	.96932	1.0808	1.0805

#1	.02303	.00246	.04625	.01870	.15836	.03801	.02840	.00251
#2	.02344	.00245	.04749	.01855	.17398	.03853	.02883	.00255

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	.01299	2.8402	.22134	.00618	.00407	.15929	.01267	.01958
Stddev	.00003	.0034	.00233	.00045	.00004	.00031	.00006	.00056
%RSD	.23724	.11975	1.0531	7.3343	.91744	.19528	.45097	2.8815

#1	.01301	2.8426	.21969	.00586	.00404	.15951	.01263	.01998
#2	.01297	2.8378	.22298	.00650	.00409	.15907	.01272	.01918

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05944	-.0013	.21427	355.02	19.980
Stddev	.00070	.0000	.00166	1.67	7.388
%RSD	1.1805	1.395	.77458	.46965	36.978

#1	.05895	-.0013	.21545	353.84	14.756
#2	.05994	-.0013	.21310	356.20	25.204

Sample Name: S1 Acquired: 11/13/2018 11:25:03 Type: Cal
Method: P4-ICP2(v2577) 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	2857.4	39486.	4611.0	116.48	3079.9
Stddev	12.1	148.	4.2	.41	19.2
%RSD	.42345	.37473	.09013	.35411	.62330
#1	2865.9	39382.	4608.1	116.19	3093.5
#2	2848.8	39591.	4614.0	116.78	3066.3

Sample Name: S2 Acquired: 11/13/2018 11:29:07 Type: Cal
Method: P4-ICP2(v2577) 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	.10378	.02189	.79927	.18143
Stddev	.00037	.00063	.00135	.00493
%RSD	.36008	2.8816	.16927	2.7193

#1	.10405	.02145	.79832	.18492
#2	.10352	.02234	.80023	.17794

Int. Std.	Y_3710
Units	Cts/S
Avg	4654.1
Stddev	9.7
%RSD	.20907

#1	4647.2
#2	4660.9

Sample Name: S3 Acquired: 11/13/2018 11:33:04 Type: Cal
Method: P4-ICP2(v2577) 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	.18441	.52364	.86303	.23798	.47599	.05634	28.792	.16354
Stddev	.00045	.00137	.00347	.00072	.00120	.00031	.243	.00111
%RSD	.24451	.26097	.40214	.30219	.25255	.54874	.84549	.67968

#1	.18409	.52267	.86057	.23849	.47514	.05656	28.964	.16432
#2	.18473	.52460	.86548	.23747	.47684	.05612	28.620	.16275

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	5.1222	.62436	.11453	1.7757	.56395	4.4992	2.1364	.13715
Stddev	.0176	.00661	.00118	.0068	.00021	.0152	.0187	.00018
%RSD	.34350	1.0591	1.0319	.38314	.03714	.33718	.87597	.13392

#1	5.1098	.62904	.11537	1.7708	.56380	4.5099	2.1496	.13728
#2	5.1346	.61968	.11370	1.7805	.56410	4.4885	2.1232	.13702

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	1.0394	.15427	4.6342	.36875	80.420	1.2799	2.6995	.15388
Stddev	.0003	.00183	.0442	.00354	.522	.0216	.0028	.00169
%RSD	.02577	1.1876	.95379	.95893	.64924	1.6881	.10395	1.0969

#1	1.0392	.15557	4.6655	.37125	80.789	1.2951	2.6975	.15508
#2	1.0396	.15297	4.6030	.36625	80.051	1.2646	2.7015	.15269

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	.16817	.96155	.71251	.91786	6.0584	.3026	26.874	332.17
Stddev	.00056	.01168	.00122	.00651	.0624	.0002	.204	.62
%RSD	.33342	1.2147	.17131	.70882	1.0309	.0527	.76012	.18576

#1	.16857	.96981	.71165	.92246	6.1025	.3025	27.019	332.61
#2	.16778	.95329	.71337	.91326	6.0142	.3027	26.730	331.74

Sample Name: S3 Acquired: 11/13/2018 11:33:04 Type: Cal
Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-5.5560
Stddev	2.0810
%RSD	37.456

#1	-4.0845
#2	-7.0275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.4	39277.	4635.3	114.39	2957.8
Stddev	4.1	405.	66.3	.99	4.2
%RSD	.14385	1.0308	1.4303	.86946	.14075

#1	2852.5	38990.	4588.4	113.69	2960.8
#2	2858.3	39563.	4682.2	115.09	2954.9

Sample Name: S4 Acquired: 11/13/2018 11:36:50 Type: Cal
Method: P4-ICP2(v2577) 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	.35627	1.0101	1.6699	.45849	.91408	.10786	54.135	.31255
Stddev	.00044	.0029	.0064	.00014	.00027	.00047	.371	.00011
%RSD	.12269	.28831	.38521	.02989	.02985	.43491	.68619	.03364
#1	.35658	1.0122	1.6744	.45839	.91427	.10753	54.398	.31262
#2	.35596	1.0081	1.6653	.45858	.91388	.10819	53.873	.31247
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	10.001	1.1736	.21880	3.4512	1.0684	8.5639	4.0425	.25846
Stddev	.038	.0030	.00020	.0159	.0004	.0003	.0013	.00046
%RSD	.38303	.25779	.08942	.45938	.03967	.00374	.03326	.17944
#1	10.028	1.1715	.21866	3.4624	1.0681	8.5641	4.0434	.25879
#2	9.9742	1.1758	.21894	3.4400	1.0687	8.5636	4.0415	.25813
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	2.0141	.29253	8.7148	.70364	153.22	2.4678	5.1395	.28970
Stddev	.0061	.00005	.0562	.00025	.06	.0137	.0027	.00073
%RSD	.30470	.01876	.64490	.03550	.03598	.55328	.05309	.25323
#1	2.0185	.29257	8.7545	.70347	153.18	2.4774	5.1414	.28918
#2	2.0098	.29249	8.6751	.70382	153.26	2.4581	5.1376	.29022
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	.33129	1.7425	1.3854	1.7262	11.486	.6054	50.456	308.47
Stddev	.00129	.0167	.0062	.0137	.054	.0004	.328	11.73
%RSD	.38927	.95702	.44655	.79142	.46744	.0724	.65023	3.8012
#1	.33038	1.7543	1.3898	1.7359	11.524	.6051	50.688	300.17
#2	.33220	1.7307	1.3810	1.7166	11.448	.6057	50.224	316.76

Sample Name: S4 Acquired: 11/13/2018 11:36:50 Type: Cal
 Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-25.439
Stddev	8.438
%RSD	33.169

#1	-31.406
#2	-19.473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2837.7	38950.	4685.6	113.41	2861.7
Stddev	.2	60.	43.2	.07	10.2
%RSD	.00692	.15436	.92177	.05877	.35482

#1	2837.6	38907.	4655.1	113.36	2854.5
#2	2837.8	38992.	4716.1	113.46	2868.9

Sample Name: S5 Acquired: 11/13/2018 11:40:35 Type: Cal
Method: P4-ICP2(v2577) 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	.72472	2.0342	3.4094	.92807	1.8550	.22017	108.25	.62943
Stddev	.00139	.0032	.0052	.00226	.0076	.00101	.18	.00119
%RSD	.19230	.15956	.15104	.24382	.41231	.45884	.16452	.18959

#1	.72373	2.0319	3.4057	.92647	1.8496	.22089	108.37	.63028
#2	.72570	2.0365	3.4130	.92967	1.8604	.21946	108.12	.62859

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	20.499	2.3323	.43332	7.0765	2.1262	17.535	8.0072	.51527
Stddev	.021	.0137	.00036	.0107	.0060	.123	.0145	.00187
%RSD	.10031	.58827	.08211	.15169	.28413	.70015	.18115	.36275

#1	20.485	2.3420	.43357	7.0689	2.1219	17.622	8.0175	.51395
#2	20.514	2.3226	.43307	7.0840	2.1304	17.448	7.9970	.51659

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	4.1042	.58894	17.647	1.4118	309.64	5.0720	10.302	.57943
Stddev	.0032	.00088	.016	.0021	2.73	.0181	.025	.00138
%RSD	.07863	.14950	.08919	.15163	.88221	.35594	.24039	.23788

#1	4.1019	.58956	17.636	1.4134	311.57	5.0847	10.285	.58040
#2	4.1065	.58831	17.658	1.4103	307.70	5.0592	10.320	.57846

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	.69864	3.4779	2.8298	3.4163	23.140	1.267	99.337	292.91
Stddev	.00208	.0065	.0024	.0010	.054	.001	.786	4.76
%RSD	.29794	.18691	.08640	.02943	.23410	.0658	.79148	1.6238

#1	.69717	3.4825	2.8281	3.4155	23.178	1.267	99.893	296.27
#2	.70011	3.4733	2.8315	3.4170	23.101	1.266	98.781	289.54

Sample Name: S5 Acquired: 11/13/2018 11:40:35 Type: Cal
Method: P4-ICP2(v2577) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-68.629
Stddev	5.049
%RSD	7.3566

#1	-65.059
#2	-72.199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.7	37969.	4643.1	108.83	2698.0
Stddev	.0	69.	6.1	1.28	5.5
%RSD	.00177	.18250	.13057	1.1731	.20234

#1	2748.8	37920.	4638.8	107.92	2694.1
#2	2748.7	38018.	4647.4	109.73	2701.8

Sample Name: ICV01 Acquired: 11/13/2018 11:44:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99614	1.0289	.99093	.99896	.98312	2.5081	.50895
Stddev	.00502	.0038	.00450	.00197	.00006	.0032	.00325
%RSD	.50408	.36635	.45384	.19716	.00573	.12551	.63868

#1	.99969	1.0316	.99411	1.0004	.98316	2.5059	.50665
#2	.99259	1.0262	.98775	.99757	.98308	2.5104	.51125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48848	.48363	10.271	.50239	.49082	F .51741	4.9022
Stddev	.00394	.00153	.020	.00257	.00251	.00168	.0364
%RSD	.80718	.31554	.19518	.51086	.51157	.32430	.74337

#1	.49127	.48471	10.285	.50420	.49259	.51860	4.8764
#2	.48570	.48255	10.256	.50057	.48904	.51623	4.9279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51560	6.0258	.49492	.50361	9.8297	.49500	1.0027
Stddev	.00173	.0010	.00202	.00306	.0475	.00436	.0110
%RSD	.33518	.01747	.40847	.60838	.48280	.88078	1.1000

#1	.51683	6.0266	.49635	.50578	9.7962	.49809	.99486
#2	.51438	6.0251	.49349	.50145	9.8633	.49192	1.0105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8678	F 2.6272	F 2.6734	F -.00682	2.5411	2.5645	F 2.6931
Stddev	.0273	.0042	.0304	.00421	.0141	.0100	.0135
%RSD	.27676	.16056	1.1382	61.631	.55485	.39136	.49977

#1	9.8485	2.6302	2.6518	-.00385	2.5311	2.5716	2.6836
#2	9.8871	2.6243	2.6949	-.00980	2.5510	2.5574	2.7026

Sample Name: ICV01 Acquired: 11/13/2018 11:44:31 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00100	F -.0032	F .00659	F .36972	F 1.7185
Stddev	.00032	.0006	.00019	.02601	1.0210
%RSD	32.169	18.66	2.8094	7.0353	59.408

#1	-.00077	-.0028	.00646	.35133	.99661
#2	-.00123	-.0036	.00673	.38811	2.4405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2948.9	40705.	4777.9	118.68	3103.9
Stddev	7.7	19.	29.8	1.20	12.2
%RSD	.25986	.04772	.62466	1.0098	.39260

#1	2943.5	40691.	4799.0	119.53	3095.3
#2	2954.4	40718.	4756.8	117.83	3112.5

Sample Name: LLICV01 Acquired: 11/13/2018 11:48:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01980	.03914	.01290	.01775	.05013	.11261	.09740
Stddev	.00246	.00067	.00045	.00062	.00015	.00547	.00105
%RSD	12.447	1.7045	3.4591	3.4725	.29333	4.8586	1.0754

#1	.02154	.03961	.01259	.01732	.05023	.11648	.09815
#2	.01806	.03867	.01322	.01819	.05003	.10874	.09666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	.00590	1.8468	.00968	.02898	.01936	.08552
Stddev	.00015	.00006	.0154	.00034	.00009	.00006	.00087
%RSD	2.8011	.99518	.83168	3.5560	.31256	.28639	1.0146

#1	.00542	.00594	1.8576	.00944	.02891	.01932	.08490
#2	.00564	.00585	1.8359	.00993	.02904	.01940	.08613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02116	1.9137	.03907	.00943	1.7263	.03941	.03985
Stddev	.00016	.0009	.00012	.00056	.0306	.00017	.00021
%RSD	.74524	.04485	.30208	5.9866	1.7697	.41926	.53929

#1	.02105	1.9143	.03899	.00983	1.7479	.03929	.04000
#2	.02127	1.9131	.03915	.00903	1.7047	.03953	.03970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7255	.18262	.09339	F -.00497	.35116	.03787	.04055
Stddev	.0134	.00080	.00017	.00421	.00362	.00102	.00091
%RSD	.77647	.43873	.17785	84.722	1.0319	2.7065	2.2499

#1	1.7160	.18319	.09327	-.00795	.35372	.03714	.04119
#2	1.7350	.18206	.09351	-.00199	.34860	.03859	.03990

Sample Name: LLICV01 Acquired: 11/13/2018 11:48:21 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01759	.0182	.02005	F<.00000	F .73097
Stddev	.00050	.0010	.00016	.22312	.22470
%RSD	2.8663	5.527	.77812	44.223	30.741

#1	.01795	.0175	.02016	-.34677	.57208
#2	.01724	.0189	.01994	-.66231	.88986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3034.4	41616.	4934.3	125.11	3310.0
Stddev	.9	355.	38.6	.93	3.1
%RSD	.03022	.85369	.78225	.74417	.09270

#1	3035.1	41868.	4907.0	124.45	3312.2
#2	3033.8	41365.	4961.6	125.77	3307.9

Sample Name: ICB01 Acquired: 11/13/2018 11:53:04 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00044	-.00022	-.00263	.00079	.00991	.00021
Stddev	.00199	.00066	.00037	.00097	.00180	.00358	.00061
%RSD	8247.5	149.42	173.35	36.843	229.66	36.115	292.22

#1	.00143	.00003	-.00048	-.00331	-.00049	.00738	.00064
#2	-.00138	-.00091	.00005	-.00194	.00206	.01244	-.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00003	.00510	-.00015	-.00007	.00061	.00356
Stddev	.00004	.00004	.00165	.00068	.00009	.00033	.00701
%RSD	242.45	121.69	32.440	462.00	124.86	54.778	196.64

#1	.00001	-.00006	.00393	.00033	-.00001	.00037	.00852
#2	-.00004	-.00000	.00627	-.00063	-.00014	.00085	-.00139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00418	.00084	-.00000	-.06079	-.00019	-.00017
Stddev	.00009	.00180	.00044	.00071	.00955	.00003	.00004
%RSD	28.581	42.978	52.635	44470.	15.706	15.568	20.354

#1	.00036	.00546	.00053	.00050	-.05404	-.00017	-.00015
#2	.00024	.00291	.00116	-.00051	-.06754	-.00021	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00335	-.00002	.00418	F -.02495	-.00069	-.00055	-.00111
Stddev	.02073	.00011	.00317	.00157	.00166	.00009	.00007
%RSD	617.89	677.47	75.997	6.2913	241.27	16.768	6.4409

#1	.01130	.00006	.00642	-.02384	.00048	-.00048	-.00106
#2	-.01801	-.00009	.00193	-.02606	-.00186	-.00061	-.00116

Sample Name: ICB01 Acquired: 11/13/2018 11:53:04 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.0004	.00000	F .24480	F .74382
Stddev	.00119	.0002	.00007	.69365	.25806
%RSD	215.68	45.70	4044.0	283.35	34.694

#1	.00029	-.0005	.00005	.73529	.92630
#2	-.00140	-.0002	-.00005	-.24568	.56134

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.8	41229.	4927.2	124.79	3285.9
Stddev	28.4	1109.	217.9	6.27	22.1
%RSD	.94555	2.6897	4.4215	5.0241	.67143

#1	2984.7	40445.	4773.1	120.36	3270.3
#2	3024.9	42013.	5081.2	129.23	3301.5

Sample Name: CRI01 Acquired: 11/13/2018 11:57:09 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02039	.04598	.01378	.02240	.05871	.12564	.10873
Stddev	.00166	.00083	.00063	.00104	.00102	.00950	.01199
%RSD	8.1335	1.7987	4.6009	4.6592	1.7339	7.5580	11.026

#1	.01922	.04657	.01333	.02167	.05799	.11893	.10025
#2	.02157	.04540	.01423	.02314	.05943	.13236	.11720

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00634	.00677	2.0579	.01102	.03378	.02232	.09557
Stddev	.00007	.00007	.2534	.00018	.00024	.00016	.00544
%RSD	1.0455	1.0503	12.312	1.6472	.70344	.73297	5.6900

#1	.00629	.00682	1.8787	.01089	.03394	.02243	.09173
#2	.00638	.00672	2.2370	.01115	.03361	.02220	.09942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02389	2.1521	.04494	.01082	1.9448	.04560	.04401
Stddev	.00006	.2356	.00018	.00022	.1951	.00006	.00434
%RSD	.24322	10.949	.41022	2.0400	10.033	.12310	9.8580

#1	.02385	1.9855	.04481	.01098	1.8069	.04556	.04094
#2	.02393	2.3187	.04507	.01067	2.0828	.04564	.04708

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9686	.21108	.09998	F -.00423	.39065	.04357	.04492
Stddev	.1734	.00056	.00828	.00395	.04452	.00092	.00282
%RSD	8.8094	.26351	8.2838	93.192	11.397	2.1197	6.2723

#1	1.8460	.21069	.09412	-.00144	.35917	.04422	.04293
#2	2.0913	.21148	.10583	-.00702	.42214	.04291	.04692

Sample Name: CRI01 Acquired: 11/13/2018 11:57:09 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02038	.0205	.02237	F<.00000	F 1.0061
Stddev	.00204	.0004	.00225	.08461	.2845
%RSD	10.008	2.035	10.038	12.209	28.278

#1	.01894	.0208	.02078	-.75290	.80496
#2	.02183	.0202	.02395	-.63323	1.2073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.6	41934.	5070.8	131.09	3305.5
Stddev	.6	143.	459.3	12.54	1.1
%RSD	.01980	.34040	9.0576	9.5653	.03415

#1	3022.0	41833.	5395.6	139.96	3304.7
#2	3021.2	42035.	4746.1	122.23	3306.3

Sample Name: ICSA01 Acquired: 11/13/2018 12:01:11 Type: Unk
Method: P4-ICP2(v2577) 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	.00842	-.00142	.00549	-.00090	.01274	274.55	.01011	.00046
Stddev	.00440	.00085	.00549	.00024	.00095	3.30	.00023	.00003
%RSD	52.235	59.404	99.999	27.206	7.4837	1.2030	2.2653	5.8812
#1	.00531	-.00202	.00161	-.00107	.01206	276.88	.00995	.00044
#2	.01153	-.00083	.00937	-.00073	.01341	272.21	.01027	.00048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00260	251.75	.05468	.00338	.00189	94.158	.01505	258.61
Stddev	.00227	1.39	.00118	.00236	.00166	.844	.00033	.87
%RSD	87.223	.55041	2.1599	69.662	88.050	.89602	2.1689	.33494
#1	.00100	250.77	.05552	.00172	.00071	94.754	.01528	258.00
#2	.00420	252.73	.05385	.00505	.00307	93.561	.01482	259.22
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.00722	.00030	.00184	.00442	.02666	.00724	-.02810
Stddev	.00276	.00003	.00201	.00015	.00228	.01056	.00491	.00494
%RSD	109.08	.44521	663.54	8.1366	51.533	39.621	67.733	17.587
#1	-.00447	-.00724	.00172	.00174	.00281	.03413	.00377	-.03160
#2	-.00058	-.00720	-.00112	.00195	.00603	.01919	.01071	-.02461
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00942	-.00729	.01350	-.00166	.00483	.0106	.00248	F 4.5386
Stddev	.00336	.00297	.00517	.00072	.00073	.0055	.00026	.0802
%RSD	35.667	40.760	38.319	43.173	15.142	51.89	10.385	1.7668
#1	-.00705	-.00519	.00984	-.00217	.00535	.0067	.00266	4.4819
#2	-.01180	-.00939	.01715	-.00115	.00431	.0145	.00230	4.5953

Sample Name: ICSA01 Acquired: 11/13/2018 12:01:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 19.843
Stddev .223
%RSD 1.1261

#1 19.685
#2 20.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.7	36134.	4629.9	112.42	2628.6
Stddev	27.8	413.	9.1	.78	22.8
%RSD	1.0472	1.1426	.19616	.69630	.86648

#1	2638.1	35842.	4636.3	111.87	2612.5
#2	2677.4	36426.	4623.5	112.97	2644.7

Sample Name: ICSAB01 Acquired: 11/13/2018 12:05:18 Type: Unk
Method: P4-ICP2(v2577) 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	.10642	.09339	.04780	.04792	.64186	275.33	.52729
Stddev	.00414	.00131	.00100	.00326	.00465	.27	.00133
%RSD	3.8941	1.4011	2.1010	6.7967	.72487	.09850	.25184

#1	.10349	.09431	.04851	.04562	.63857	275.14	.52822
#2	.10935	.09246	.04709	.05022	.64514	275.52	.52635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54972	1.0165	253.04	.56018	.50690	.51145	97.004
Stddev	.00080	.0055	1.19	.00136	.00273	.00332	1.715
%RSD	.14543	.53570	.46933	.24354	.53921	.64883	1.7682

#1	.54915	1.0126	253.88	.56114	.50497	.50910	95.791
#2	.55028	1.0203	252.20	.55921	.50884	.51380	98.217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53653	259.46	.99363	.20983	-.01263	.51072	1.0169
Stddev	.00035	.10	.00794	.00058	.00544	.00090	.0102
%RSD	.06611	.03823	.79861	.27454	43.100	.17645	1.0055

#1	.53628	259.53	.98802	.20942	-.00878	.51135	1.0097
#2	.53678	259.39	.99924	.21024	-.01648	.51008	1.0242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00936	F 1.1052	F 1.0709	-.01467	F .99050	F 1.1124	F 1.1041
Stddev	.01511	.0090	.0071	.00513	.00888	.0058	.0050
%RSD	161.48	.81576	.66184	34.931	.89657	.52173	.44938

#1	-.02004	1.0988	1.0759	-.01830	.99678	1.1083	1.1076
#2	.00133	1.1115	1.0659	-.01105	.98422	1.1165	1.1006

Sample Name: ICSAB01 Acquired: 11/13/2018 12:05:18 Type: Unk
 Method: P4-ICP2(v2577) 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	.00362	F -.0040	F -.00157	F 4.2920	F 19.086
Stddev	.00158	.0008	.00194	.1588	.470
%RSD	43.722	21.20	123.56	3.6997	2.4622

#1	.00473	-.0046	-.00020	4.4043	19.418
#2	.00250	-.0034	-.00294	4.1797	18.754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.2	36690.	4689.4	110.59	2617.3
Stddev	11.4	104.	32.9	1.14	11.8
%RSD	.43123	.28320	.70114	1.0328	.44958

#1	2658.3	36617.	4666.1	111.40	2625.7
#2	2642.2	36764.	4712.6	109.79	2609.0

Sample Name: CCV01 Acquired: 11/13/2018 12:09:14 Type: Unk
Method: P4-ICP2(v2577) 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	4.9227	4.8569	4.8773	4.9346	4.9325	9.8817	9.8196	.24688
Stddev	.0145	.0226	.0221	.0167	.0158	.0053	.0446	.00143
%RSD	.29466	.46522	.45232	.33854	.31924	.05365	.45455	.58012
#1	4.9124	4.8409	4.8617	4.9228	4.9213	9.8780	9.8511	.24789
#2	4.9330	4.8729	4.8929	4.9464	4.9436	9.8855	9.7880	.24586
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4175	25.094	.97244	2.4190	1.2366	F 4.6575	2.4851	24.422
Stddev	.0101	.171	.00475	.0125	.0031	.0257	.0067	.246
%RSD	.41645	.68264	.48832	.51644	.24976	.55135	.27125	1.0064
#1	2.4104	24.973	.97580	2.4101	1.2344	4.6393	2.4899	24.249
#2	2.4246	25.215	.96908	2.4278	1.2388	4.6756	2.4804	24.596
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4060	1.2127	24.209	2.4295	2.3855	24.494	4.8694	4.9210
Stddev	.0141	.0079	.096	.0067	.0043	.098	.0179	.0539
%RSD	.58796	.64849	.39637	.27766	.18057	.40152	.36702	1.0957
#1	2.3960	1.2183	24.141	2.4343	2.3825	24.424	4.8568	4.8829
#2	2.4160	1.2072	24.277	2.4248	2.3885	24.563	4.8820	4.9591
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7665	4.9513	4.7603	4.9124	4.9408	4.786	4.9436	F 3.4272
Stddev	.0219	.0153	.0362	.0413	.0235	.027	.0225	.1560
%RSD	.45970	.30949	.75953	.84125	.47511	.5666	.45451	4.5508
#1	4.7510	4.9404	4.7347	4.8832	4.9242	4.767	4.9277	3.3169
#2	4.7820	4.9621	4.7859	4.9416	4.9574	4.805	4.9594	3.5374

Sample Name: CCV01 Acquired: 11/13/2018 12:09:14 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6313
Stddev	.0783
%RSD	2.9760

#1	2.6867
#2	2.5759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2876.8	39500.	4764.6	117.87	2931.1
Stddev	5.6	170.	3.2	.07	10.5
%RSD	.19348	.42986	.06669	.06228	.35884

#1	2880.7	39380.	4766.8	117.92	2938.5
#2	2872.9	39620.	4762.3	117.82	2923.7

Sample Name: LLCCV01 Acquired: 11/13/2018 12:20:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02044	.04199	.01393	.02110	.05407	.10764	.10386
Stddev	.00083	.00047	.00052	.00365	.00021	.00623	.00076
%RSD	4.0672	1.1288	3.7084	17.299	.39030	5.7882	.73153

#1	.02103	.04233	.01357	.01852	.05422	.10324	.10333
#2	.01985	.04166	.01430	.02369	.05392	.11205	.10440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	.00628	1.9891	.00994	.03066	.02059	.09476
Stddev	.00002	.00005	.0085	.00032	.00030	.00004	.00243
%RSD	.28170	.73499	.42806	3.2249	.99080	.18945	2.5630

#1	.00584	.00625	1.9831	.00971	.03088	.02062	.09648
#2	.00582	.00631	1.9951	.01016	.03045	.02056	.09304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02184	2.0127	.04098	.00958	1.8114	.04057	.04250
Stddev	.00018	.0086	.00041	.00007	.0031	.00054	.00034
%RSD	.80944	.42556	1.0080	.71650	.17268	1.3361	.80761

#1	.02171	2.0187	.04127	.00962	1.8136	.04019	.04274
#2	.02196	2.0066	.04069	.00953	1.8092	.04096	.04226

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8476	.19181	.09275	F -.01153	.37478	.03929	.04208
Stddev	.0416	.00074	.00055	.00124	.00227	.00060	.00085
%RSD	2.2507	.38553	.59288	10.729	.60616	1.5204	2.0206

#1	1.8182	.19233	.09236	-.01065	.37317	.03971	.04268
#2	1.8771	.19128	.09314	-.01240	.37639	.03887	.04148

Sample Name: LLCCV01 Acquired: 11/13/2018 12:20:03 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01917	.0196	.02126	F<.00000	F .81783
Stddev	.00104	.0006	.00005	.02818	.04467
%RSD	5.4101	2.818	.23267	7.7841	5.4622

#1	.01844	.0200	.02122	-.38190	.78624
#2	.01991	.0193	.02129	-.34205	.84942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3034.8	42212.	4905.4	124.25	3324.7
Stddev	7.6	215.	8.3	.41	11.1
%RSD	.25164	.50924	.17016	.32722	.33245

#1	3029.4	42364.	4911.3	123.97	3316.8
#2	3040.2	42060.	4899.5	124.54	3332.5

Sample Name: CCB01 Acquired: 11/13/2018 12:24:04 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00117	-.00086	-.00219	-.00004	.00449	.00017
Stddev	.00056	.00068	.00066	.00131	.00042	.01020	.00088
%RSD	484.80	57.821	76.673	59.812	1047.9	226.95	525.66

#1	.00028	-.00165	-.00039	-.00312	.00026	-.00272	-.00045
#2	-.00051	-.00069	-.00133	-.00127	-.00034	.01170	.00079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00004	.00145	.00025	-.00008	-.00001	-.00597
Stddev	.00005	.00004	.00596	.00023	.00011	.00046	.00204
%RSD	2372.4	126.24	412.26	90.349	139.26	8670.7	34.223

#1	.00004	-.00000	.00566	.00041	-.00015	-.00033	-.00453
#2	-.00003	-.00007	-.00277	.00009	-.00000	.00032	-.00742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02144	.00052	.00003	-.08804	-.00044	-.00030
Stddev	.00004	.00815	.00001	.00072	.00783	.00023	.00002
%RSD	57.458	38.005	2.6364	2388.6	8.8970	53.168	7.7282

#1	-.00004	-.02721	.00053	-.00048	-.08250	-.00060	-.00028
#2	-.00011	-.01568	.00051	.00054	-.09358	-.00027	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03022	.00016	.00487	F -.02943	-.00061	-.00022	.00097
Stddev	.00058	.00016	.00176	.00046	.00053	.00051	.00164
%RSD	1.9094	101.24	36.243	1.5584	87.023	234.43	168.63

#1	-.02981	.00004	.00362	-.02911	-.00098	.00014	.00213
#2	-.03063	.00027	.00612	-.02976	-.00023	-.00058	-.00019

Sample Name: CCB01 Acquired: 11/13/2018 12:24:04 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00184	-0.0006	-0.00002	F<.00000	F .87904
Stddev	.00152	.0003	.00002	.19773	.17973
%RSD	82.490	55.38	92.415	87.960	20.446

#1	-0.00077	-0.0008	-0.00001	-.36460	.75195
#2	-0.00291	-0.0004	-0.00004	-.08498	1.0061

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.6	41717.	4831.5	120.88	3292.6
Stddev	5.8	260.	31.9	3.23	10.5
%RSD	.19490	.62391	.66046	2.6713	.32023

#1	2992.5	41533.	4854.0	123.17	3285.1
#2	3000.7	41901.	4808.9	118.60	3300.0

Sample Name: LR CHECK2 Acquired: 11/13/2018 12:32:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.01223	F 261.24	.01681	-.02999	-.26914	93.976	-.00134
Stddev	.00012	.00041	1.28	.00175	.00126	.01183	.642	.00001
%RSD	5.6133	3.3522	.49151	10.432	4.2120	4.3952	.68292	.86067
#1	.00216	-.01252	262.15	.01805	-.03089	-.27750	93.522	-.00135
#2	.00199	-.01194	260.33	.01557	-.02910	-.26077	94.430	-.00133
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00733	.22172	-.13786	-.00268	F 254.24	-.83069	41.856	-.08673
Stddev	.00008	.00608	.00101	.00026	.89	.00950	.164	.01186
%RSD	1.0262	2.7441	.73591	9.8476	.34818	1.1432	.39257	13.676
#1	-.00728	.21742	-.13858	-.00249	254.87	-.83740	41.972	-.07834
#2	-.00738	.22602	-.13715	-.00286	253.61	-.82397	41.739	-.09512
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.537	.00886	1.5915	-.00532	F 35.298	1.1991	-.00298	-.00999
Stddev	.226	.00033	.1717	.00025	.594	.1503	.00054	.00271
%RSD	.46546	3.7671	10.788	4.7046	1.6836	12.531	18.137	27.082
#1	48.377	.00863	1.7129	-.00515	34.878	1.3054	-.00260	-.01190
#2	48.697	.00910	1.4701	-.00550	35.718	1.0929	-.00337	-.00808
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04479	-.00513	.00138	.02027	.00215	F -3.553	.00315	.57593
Stddev	.00242	.00140	.00087	.00073	.00102	.007	.00002	.41876
%RSD	5.3928	27.245	62.795	3.6061	47.564	.1946	.51512	72.711
#1	.04650	-.00612	.00200	.01975	.00143	-3.548	.00316	.27982
#2	.04308	-.00414	.00077	.02079	.00288	-3.557	.00314	.87204

Sample Name: LR CHECK2 Acquired: 11/13/2018 12:32:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2097
Stddev	.2584
%RSD	21.357

#1	1.0270
#2	1.3924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.2	40614.	4835.8	114.35	2985.2
Stddev	1.5	91.	47.3	1.77	2.8
%RSD	.05532	.22353	.97764	1.5510	.09504

#1	2736.2	40550.	4869.2	115.61	2987.2
#2	2738.3	40678.	4802.3	113.10	2983.2

Sample Name: LR CHECK1 Acquired: 11/13/2018 12:37:07 Type: Unk
Method: P4-ICP2(v2577) 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	-.01814	-.09022	-.09222	-.13020	.06221	F 2067.7	.00950
Stddev	.00332	.00185	.00391	.01448	.00857	1.3	.00045
%RSD	18.329	2.0548	4.2440	11.120	13.768	.06080	4.7785

#1	-.02049	-.09153	-.08946	-.11997	.06827	2066.8	.00982
#2	-.01579	-.08890	-.09499	-.14044	.05616	2068.5	.00918

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	.02038	F 1908.6	.12867	.04636	-.59609	F 953.42
Stddev	.00014	.00007	3.9	.00036	.00006	.00030	.51
%RSD	2.6155	.32961	.20576	.27723	.13684	.04955	.05306

#1	.00562	.02042	1905.8	.12842	.04641	-.59588	953.06
#2	.00542	.02033	1911.4	.12892	.04632	-.59630	953.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02577	F 1895.1	.12352	-.08379	1708.8	.00693	.11515
Stddev	.00014	5.2	.00042	.00042	39.6	.00025	.00174
%RSD	.56147	.27347	.33840	.49544	2.3188	3.6603	1.5124

#1	.02566	1898.8	.12381	-.08349	1736.8	.00675	.11638
#2	.02587	1891.4	.12322	-.08408	1680.8	.00711	.11392

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1063.0	.01515	-.27274	.46381	-.00789	.05024	-.05847
Stddev	11.1	.00111	.00421	.01363	.00015	.00420	.00045
%RSD	1.0462	7.3386	1.5426	2.9393	1.8966	8.3605	.76998

#1	1070.8	.01437	-.27571	.47345	-.00800	.05321	-.05879
#2	1055.1	.01594	-.26976	.45417	-.00779	.04727	-.05815

Sample Name: LR CHECK1 Acquired: 11/13/2018 12:37:07 Type: Unk
 Method: P4-ICP2(v2577) 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	.05091	.0637	F -1.0283	15.767	^ *****
Stddev	.00062	.0086	.0006	.034	-----
%RSD	1.2146	13.43	.06211	.21273	-----

#1	.05047	.0577	-1.0278	15.790	^ -----
#2	.05134	.0698	-1.0287	15.743	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.4	27006.	4045.7	83.063	1617.2
Stddev	6.8	34.	1.0	.442	8.4
%RSD	.35208	.12422	.02548	.53188	.52014

#1	1939.6	26983.	4046.4	82.750	1611.3
#2	1949.3	27030.	4045.0	83.375	1623.2

Sample Name: J5901-06DLX10 Acquired: 11/13/2018 12:41:37 Type: Unk
Method: P4-ICP2(v2577) 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	.00121	-.00923	.02681	-.00255	.00164	58.116	1.0851	.00155
Stddev	.00434	.00164	.00088	.00198	.00076	.059	.0006	.00009
%RSD	357.66	17.763	3.2658	77.643	46.390	.10071	.05732	5.9270

#1	-.00186	-.01039	.02743	-.00395	.00218	58.074	1.0856	.00161
#2	.00428	-.00807	.02619	-.00115	.00110	58.157	1.0847	.00148

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00232	12.049	.26070	.04874	.06783	99.011	1.0996	50.996
Stddev	.00013	.065	.00027	.00006	.00154	.971	.0027	.005
%RSD	5.5053	.54078	.10240	.11671	2.2691	.98039	.24130	.01060

#1	-.00223	12.003	.26089	.04870	.06892	98.324	1.0978	50.992
#2	-.00241	12.095	.26051	.04878	.06674	99.697	1.1015	50.999

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07638	-.00480	5.0200	.21228	.14209	25.947	.00051	-.02604
Stddev	.00007	.00035	.8114	.00025	.00273	.990	.00035	.00624
%RSD	.08821	7.3910	16.163	.11944	1.9247	3.8169	68.088	23.963

#1	.07633	-.00505	5.5938	.21210	.14015	26.647	.00076	-.02163
#2	.07642	-.00455	4.4463	.21246	.14402	25.246	.00027	-.03045

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95012	.32027	.00613	6.8581	.04110	2.898	-.06357	<.00000
Stddev	.00195	.00449	.00021	.0143	.00144	.004	.00115	.02020
%RSD	.20486	1.4023	3.4829	.20872	3.4926	.1466	1.8133	.44124

#1	.94874	.32345	.00597	6.8682	.04212	2.901	-.06276	-4.5918
#2	.95149	.31710	.00628	6.8480	.04009	2.895	-.06439	-4.5633

Sample Name: J5901-06DLX10 Acquired: 11/13/2018 12:41:37 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SS-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.485
Stddev	.928
%RSD	5.0176

#1	19.141
#2	17.830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2958.2	41112.	4973.0	115.58	2901.0
Stddev	9.6	23.	7.9	1.37	12.0
%RSD	.32562	.05544	.15974	1.1879	.41215

#1	2951.4	41096.	4978.7	116.55	2892.5
#2	2965.0	41128.	4967.4	114.61	2909.4

Sample Name: J5890-01DLX10 Acquired: 11/13/2018 12:45:34 Type: Unk
Method: P4-ICP2(v2577) 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	-.00196	-.00109	.00521	-.00165	.00142	.03862	.27643	-.00002
Stddev	.00042	.00137	.00022	.00081	.00012	.00566	.00013	.00006
%RSD	21.615	124.91	4.3120	49.131	8.2574	14.669	.04599	269.65

#1	-.00166	-.00013	.00505	-.00222	.00150	.04262	.27634	-.00007
#2	-.00226	-.00206	.00537	-.00108	.00134	.03461	.27652	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.15971	.00069	-.00002	.00036	.03947	.00725	.02771
Stddev	.00009	.00317	.00012	.00011	.00005	.00012	.00009	.00394
%RSD	49.902	1.9854	16.641	728.93	12.732	.30230	1.1886	14.212

#1	.00011	.15747	.00061	-.00010	.00033	.03955	.00731	.03050
#2	.00023	.16195	.00077	.00006	.00039	.03938	.00719	.02493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00004	27.214	-.00043	6.7679	.59618	-.00112	.01409
Stddev	.00020	.00020	.015	.00008	.0888	.05080	.00005	.00898
%RSD	17.188	469.27	.05481	19.197	1.3127	8.5207	4.3873	63.752

#1	.00100	-.00010	27.225	-.00048	6.8307	.63210	-.00108	.02045
#2	.00127	.00019	27.204	-.00037	6.7050	.56026	-.00115	.00774

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02968	.02753	-.00099	.00050	.00250	.0040	.00110	.35125
Stddev	.00112	.01039	.00049	.00065	.00022	.0007	.00007	.00649
%RSD	3.7829	37.754	49.683	128.38	8.6143	18.19	6.7794	1.8481

#1	.02889	.03488	-.00064	.00005	.00235	.0035	.00104	.35584
#2	.03047	.02018	-.00134	.00096	.00266	.0045	.00115	.34666

Sample Name: J5890-01DLX10 Acquired: 11/13/2018 12:45:34 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.64777
Stddev	.08080
%RSD	12.474

#1	.59063
#2	.70490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2909.2	41091.	4820.0	120.29	3134.5
Stddev	4.6	366.	19.3	1.70	1.6
%RSD	.15777	.89128	.39999	1.4096	.05058

#1	2912.5	40832.	4806.4	119.09	3133.3
#2	2906.0	41350.	4833.7	121.48	3135.6

Sample Name: J5890-02DLX10 Acquired: 11/13/2018 12:49:35 Type: Unk
Method: P4-ICP2(v2577) 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	-.00246	-.00055	.06663	.00014	.00042	.03680	.41476	.00002
Stddev	.00169	.00011	.00035	.00248	.00181	.01249	.00190	.00003
%RSD	68.788	19.374	.52157	1830.5	430.61	33.941	.45930	162.18

#1	-.00366	-.00062	.06688	-.00162	-.00086	.04563	.41341	-.00000
#2	-.00126	-.00047	.06639	.00189	.00170	.02797	.41610	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	.14010	.00101	-.00011	.00175	.02162	.00439	.02631
Stddev	.00006	.01189	.00017	.00024	.00002	.00622	.00002	.02878
%RSD	4.9925	8.4840	16.633	216.77	1.1622	28.780	.46375	109.42

#1	.00131	.14851	.00089	-.00029	.00174	.01722	.00441	.00595
#2	.00122	.13170	.00113	.00006	.00177	.02602	.00438	.04666

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00031	37.032	-.00023	6.8231	.31223	-.00088	.03122
Stddev	.00035	.00046	.039	.00022	.0399	.01966	.00014	.00321
%RSD	41.129	147.55	.10465	94.945	.58455	6.2971	15.271	10.275

#1	.00061	.00001	37.005	-.00039	6.8513	.29833	-.00079	.02895
#2	.00110	-.00064	37.060	-.00008	6.7949	.32614	-.00098	.03349

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08760	.02324	-.00087	.00320	.00084	.0084	.00114	<.00000
Stddev	.00143	.00454	.00004	.00125	.00086	.0005	.00001	.06966
%RSD	1.6299	19.533	4.9307	38.961	101.44	5.739	1.2545	98.477

#1	.08861	.02645	-.00084	.00408	.00145	.0081	.00113	-.02148
#2	.08659	.02003	-.00090	.00232	.00024	.0087	.00115	-.11999

Sample Name: J5890-02DLX10 Acquired: 11/13/2018 12:49:35 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TOWER-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .74594
 Stddev .03672
 %RSD 4.9233

#1 .77191
 #2 .71997

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.2	40757.	4793.3	121.48	3122.7
Stddev	2.0	95.	29.3	.84	4.5
%RSD	.06762	.23417	.61190	.69410	.14550

#1	2914.6	40825.	4772.6	120.88	3119.5
#2	2911.8	40690.	4814.0	122.07	3126.0

Sample Name: J5890-03DLX10 Acquired: 11/13/2018 12:53:37 Type: Unk
Method: P4-ICP2(v2577) 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	-.00269	-.00110	.03962	-.00011	.00178	.01810	.13278	-.00001
Stddev	.00064	.00061	.00049	.00240	.00020	.00128	.00013	.00002
%RSD	23.646	55.804	1.2410	2278.0	11.363	7.0596	.09894	223.63

#1	-.00224	-.00066	.03927	-.00180	.00164	.01720	.13288	.00001
#2	-.00314	-.00153	.03997	.00159	.00192	.01900	.13269	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.59826	.00101	-.00002	.00070	.01311	.00412	.01136
Stddev	.00003	.00488	.00025	.00004	.00018	.00721	.00009	.01122
%RSD	2.9951	.81546	24.615	176.08	25.191	54.972	2.2871	98.747

#1	.00096	.59481	.00119	-.00005	.00058	.01821	.00418	.00343
#2	.00100	.60171	.00083	.00001	.00083	.00801	.00405	.01930

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00062	27.848	-.00002	5.5549	.22335	-.00084	.00874
Stddev	.00032	.00022	.041	.00014	.0058	.01134	.00016	.00661
%RSD	32.209	34.651	.14749	660.70	.10384	5.0777	19.371	75.610

#1	.00120	-.00047	27.877	.00008	5.5509	.23137	-.00073	.01341
#2	.00076	-.00078	27.819	-.00012	5.5590	.21533	-.00096	.00407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03069	.01117	-.00097	.00044	-.00048	.0115	.00093	.55726
Stddev	.00055	.00033	.00003	.00155	.00083	.0002	.00003	.32501
%RSD	1.8071	2.9917	3.1825	353.45	174.31	1.323	3.0057	58.323

#1	.03108	.01094	-.00095	-.00066	-.00106	.0114	.00091	.32744
#2	.03030	.01141	-.00099	.00153	.00011	.0116	.00095	.78708

Sample Name: J5890-03DLX10 Acquired: 11/13/2018 12:53:37 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TOWER-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.71941
Stddev	.01721
%RSD	2.3929

#1	.70724
#2	.73158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2907.9	40866.	4852.6	122.52	3132.5
Stddev	7.2	288.	28.2	.03	11.4
%RSD	.24618	.70583	.58185	.02090	.36495

#1	2913.0	40662.	4832.7	122.53	3140.6
#2	2902.8	41070.	4872.6	122.50	3124.4

Sample Name: PB114755BS Acquired: 11/13/2018 12:57:40 Type: Unk
Method: P4-ICP2(v2577) 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	.78283	1.9893	1.0073	1.9350	.79578	2.0192	.22778
Stddev	.00254	.0046	.0040	.0052	.00141	.0087	.00119
%RSD	.32502	.23116	.39309	.27005	.17685	.42938	.52082

#1	.78463	1.9926	1.0045	1.9387	.79478	2.0253	.22862
#2	.78103	1.9861	1.0101	1.9313	.79677	2.0131	.22694

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19566	.19635	1.1394	.41559	.20560	.32049	3.0406
Stddev	.00019	.00005	.0495	.00111	.00072	.00057	.0073
%RSD	.09792	.02679	4.3447	.26684	.35159	.17653	.24167

#1	.19580	.19631	1.1744	.41480	.20611	.32089	3.0354
#2	.19553	.19639	1.1044	.41637	.20508	.32009	3.0458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22153	2.1262	.50181	F .06332	3.3987	.30963	.20395
Stddev	.00005	.0134	.00024	.00055	.0245	.00084	.00036
%RSD	.02135	.62966	.04748	.86774	.72236	.27001	.17738

#1	.22156	2.1167	.50164	.06371	3.4161	.31022	.20421
#2	.22149	2.1356	.50198	.06293	3.3813	.30903	.20370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.426	.41270	.31451	F .54740	.92499	.65390	.21370
Stddev	.040	.00024	.00770	.00517	.00005	.00144	.00117
%RSD	.38183	.05865	2.4473	.94499	.00546	.22009	.54980

#1	10.454	.41287	.30907	.55106	.92503	.65492	.21453
#2	10.397	.41253	.31996	.54374	.92496	.65289	.21286

Sample Name: PB114755BS Acquired: 11/13/2018 12:57:40 Type: Unk
 Method: P4-ICP2(v2577) 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	.21820	F 5.372	.21643	F<.00000	F<.00000
Stddev	.00244	.016	.00024	.16551	.19706
%RSD	1.1164	.3027	.10975	38.732	1808.9
#1	.21992	5.384	.21660	-.31029	-.15024
#2	.21647	5.361	.21627	-.54435	.12845
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.4	41919.	4770.4	121.33	3208.1
Stddev	1.2	142.	10.3	.01	.8
%RSD	.03933	.33974	.21590	.00884	.02351
#1	2941.2	41818.	4763.1	121.34	3208.6
#2	2939.5	42020.	4777.7	121.32	3207.5

Sample Name: PB114781BS Acquired: 11/13/2018 13:01:30 Type: Unk
Method: P4-ICP2(v2577) 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	.78665	1.9856	1.0116	1.9312	.82177	2.1368	.22355
Stddev	.00204	.0007	.0000	.0001	.00172	.0024	.00009
%RSD	.25938	.03542	.00441	.00744	.20947	.10983	.04072

#1	.78809	1.9851	1.0115	1.9313	.82299	2.1384	.22349
#2	.78520	1.9861	1.0116	1.9311	.82055	2.1351	.22362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19486	.19519	F 1.2294	.42061	.20613	.32072	3.2195
Stddev	.00024	.00044	.0183	.00075	.00030	.00012	.0090
%RSD	.12068	.22411	1.4891	.17927	.14636	.03783	.27861

#1	.19503	.19550	1.2424	.42114	.20635	.32063	3.2258
#2	.19470	.19488	1.2165	.42008	.20592	.32080	3.2131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22633	2.2115	.50322	.06913	3.3072	.31283	.20274
Stddev	.00026	.0235	.00036	.00049	.0172	.00109	.00003
%RSD	.11545	1.0637	.07149	.71177	.52060	.34755	.01627

#1	.22614	2.1949	.50297	.06948	3.2950	.31206	.20272
#2	.22651	2.2282	.50348	.06878	3.3194	.31360	.20276

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.552	.43610	.30211	F -.03223	.95765	.67471	.22411
Stddev	.014	.00027	.00520	.00118	.00915	.00148	.00015
%RSD	.12899	.06299	1.7216	3.6560	.95583	.21878	.06881

#1	10.543	.43590	.30579	-.03140	.95118	.67576	.22400
#2	10.562	.43629	.29843	-.03306	.96413	.67367	.22422

Sample Name: PB114781BS Acquired: 11/13/2018 13:01:30 Type: Unk
 Method: P4-ICP2(v2577) 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	.21741	5.360	.21513	F .33859	F .10483
Stddev	.00174	.003	.00087	.89408	.20145
%RSD	.80132	.0567	.40620	264.06	192.16

#1	.21618	5.362	.21451	-.29362	.24728
#2	.21864	5.358	.21574	.97080	-.03761

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.5	41307.	4722.2	120.35	3151.1
Stddev	6.7	131.	28.3	.40	9.1
%RSD	.23172	.31675	.59848	.32826	.28784

#1	2879.8	41214.	4742.1	120.07	3144.7
#2	2889.2	41399.	4702.2	120.63	3157.5

Sample Name: J5904-11 Acquired: 11/13/2018 13:05:19 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.00080	-.00024	.00171	-.00080	.00126	.01376	.00001
Stddev	.00062	.00082	.00058	.00245	.00028	.00236	.00018	.00003
%RSD	49.986	102.42	244.15	143.19	34.831	187.17	1.2857	180.34

#1	.00168	.00138	-.00065	.00344	-.00061	-.00041	.01364	.00003
#2	.00080	.00022	.00017	-.00002	-.00100	.00292	.01389	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	26.253	.00006	-.00011	.00170	.02843	.00173	5.2282
Stddev	.00003	.080	.00029	.00002	.00024	.00157	.00002	.0169
%RSD	26.294	.30424	527.13	21.548	14.321	5.5140	1.0627	.32363

#1	-.00014	26.310	.00026	-.00010	.00187	.02732	.00174	5.2162
#2	-.00010	26.197	-.00015	-.00013	.00153	.02953	.00171	5.2401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00064	19.668	.00031	.00026	1.8009	.00022	.00261
Stddev	.00004	.00024	.103	.00021	.00004	.0021	.00016	.00767
%RSD	3.3369	37.832	.52238	68.206	15.180	.11839	72.727	293.62

#1	.00124	-.00081	19.741	.00046	.00023	1.8024	.00034	-.00281
#2	.00118	-.00047	19.595	.00016	.00029	1.7994	.00011	.00804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4829	2.3013	-.00179	-.00069	.00104	.0388	.12510	1.6155
Stddev	.0794	.0092	.00003	.00091	.00094	.0009	.00054	.6513
%RSD	2.2786	.40113	1.9027	131.41	90.475	2.353	.43140	40.318

#1	3.4268	2.3078	-.00182	-.00134	.00170	.0381	.12549	1.1549
#2	3.5390	2.2948	-.00177	-.00005	.00037	.0394	.12472	2.0760

Sample Name: J5904-11 Acquired: 11/13/2018 13:05:19 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .29253
Stddev .26100
%RSD 89.221

#1 .10797
#2 .47708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3011.7	42239.	5078.8	130.09	3314.2
Stddev	50.1	215.	3.4	.81	55.3
%RSD	1.6650	.51006	.06772	.62053	1.6677

#1	3047.1	42391.	5076.4	129.52	3353.3
#2	2976.2	42087.	5081.3	130.66	3275.1

Sample Name: J5904-14 Acquired: 11/13/2018 13:09:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00002	-.00029	-.00040	-.00253	.00888	.01332	.00004
Stddev	.00115	.00023	.00018	.00126	.00082	.02022	.00083	.00004
%RSD	66.909	956.09	60.964	311.65	32.441	227.66	6.1984	96.025

#1	.00091	-.00018	-.00016	.00049	-.00311	.02318	.01274	.00006
#2	.00253	.00014	-.00041	-.00129	-.00195	-.00542	.01390	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	26.242	-.00038	-.00004	.00118	.02929	.00129	5.3598
Stddev	.00003	.009	.00025	.00014	.00056	.00338	.00004	.0012
%RSD	25.036	.03297	65.278	378.98	47.567	11.556	3.0727	.02293

#1	-.00014	26.236	-.00055	-.00013	.00079	.03168	.00132	5.3589
#2	-.00010	26.248	-.00020	.00006	.00158	.02689	.00127	5.3607

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00025	20.442	.00044	.00009	1.8144	.00198	.01435
Stddev	.00002	.00055	.063	.00017	.00002	.0195	.00020	.00157
%RSD	1.5384	222.37	.30883	39.108	18.795	1.0743	10.185	10.931

#1	.00127	.00014	20.487	.00056	.00008	1.8006	.00212	.01546
#2	.00125	-.00064	20.397	.00032	.00011	1.8281	.00184	.01324

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5969	2.2948	-.00058	.00593	-.00008	.0377	.12525	1.8681
Stddev	.0124	.0079	.00048	.00074	.00125	.0014	.00000	.4304
%RSD	.34337	.34281	82.433	12.446	1533.9	3.841	.00287	23.041

#1	3.5882	2.3003	-.00024	.00541	-.00097	.0367	.12525	1.5637
#2	3.6057	2.2892	-.00092	.00645	.00080	.0388	.12525	2.1725

Sample Name: J5904-14 Acquired: 11/13/2018 13:09:21 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .32207
 Stddev .08068
 %RSD 25.050

#1 .26502
 #2 .37912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.9	41876.	5052.3	128.71	3252.1
Stddev	10.5	151.	2.5	1.05	10.1
%RSD	.35705	.36092	.04871	.81539	.31175

#1	2961.3	41983.	5050.5	127.97	3259.3
#2	2946.4	41769.	5054.0	129.46	3244.9

Sample Name: CCV02 Acquired: 11/13/2018 13:15:26 Type: Unk
 Method: P4-ICP2(v2577) 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	4.8700	4.7785	4.9382	4.8526	4.9847	9.9482	9.8687	.24558
Stddev	.0169	.0070	.0052	.0192	.0016	.0301	.0329	.00001
%RSD	.34643	.14743	.10534	.39610	.03247	.30250	.33319	.00459
#1	4.8820	4.7735	4.9346	4.8662	4.9835	9.9269	9.8920	.24559
#2	4.8581	4.7834	4.9419	4.8390	4.9858	9.9695	9.8455	.24557
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4149	24.974	.94492	2.4385	1.2236	4.5792	2.4938	23.810
Stddev	.0013	.006	.00165	.0001	.0007	.0091	.0023	.088
%RSD	.05384	.02594	.17410	.00304	.05507	.19917	.09228	.37061
#1	2.4140	24.969	.94608	2.4384	1.2241	4.5856	2.4922	23.747
#2	2.4159	24.978	.94375	2.4385	1.2231	4.5727	2.4955	23.872
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3831	1.1816	23.673	2.3533	2.3469	24.518	4.7831	4.7604
Stddev	.0004	.0024	.037	.0023	.0107	.000	.0041	.0252
%RSD	.01755	.19994	.15499	.09583	.45652	.00167	.08615	.52910
#1	2.3834	1.1832	23.699	2.3518	2.3544	24.518	4.7860	4.7426
#2	2.3828	1.1799	23.647	2.3549	2.3393	24.518	4.7802	4.7782
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5682	4.8877	4.6254	4.8532	4.8664	4.712	4.8885	F 3.0011
Stddev	.0067	.0214	.0091	.0086	.0006	.005	.0104	.0180
%RSD	.14593	.43771	.19583	.17704	.01144	.1004	.21228	.59959
#1	4.5729	4.9028	4.6190	4.8593	4.8660	4.708	4.8958	3.0138
#2	4.5635	4.8726	4.6318	4.8471	4.8668	4.715	4.8812	2.9883

Sample Name: CCV02 Acquired: 11/13/2018 13:15:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14167 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4006
Stddev	.0445
%RSD	1.8521

#1	2.3692
#2	2.4321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.4	39831.	4875.0	119.06	2938.6
Stddev	9.2	7.	19.4	.71	5.7
%RSD	.32174	.01799	.39760	.59810	.19391

#1	2851.9	39836.	4861.3	118.55	2934.6
#2	2864.9	39826.	4888.8	119.56	2942.6

Sample Name: CCB02 Acquired: 11/13/2018 13:19:10 Type: Unk
Method: P4-ICP2(v2577) 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	-.00106	.00030	.00350	-.00123	.00111	.00805	.00026
Stddev	.00092	.00019	.00074	.00147	.00069	.00719	.00044
%RSD	86.903	64.545	21.257	119.65	62.256	89.236	171.36

#1	-.00041	.00043	.00402	-.00019	.00062	.00297	.00056
#2	-.00171	.00016	.00297	-.00227	.00161	.01314	-.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00008	-.00204	.00007	-.00015	.00052	-.00924
Stddev	.00004	.00000	.03201	.00032	.00010	.00028	.00632
%RSD	129.78	1.5879	1572.4	443.37	68.844	53.574	68.420

#1	-.00000	-.00008	-.02467	-.00016	-.00022	.00033	-.00477
#2	-.00006	-.00008	.02060	.00030	-.00008	.00072	-.01371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00509	.00099	-.00050	.08420	-.00036	.00111
Stddev	.00002	.00374	.00045	.00016	.00043	.00023	.00008
%RSD	27.662	73.596	46.102	32.787	.51406	63.491	7.3654

#1	-.00005	.00774	.00131	-.00038	.08451	-.00020	.00105
#2	-.00007	.00244	.00066	-.00061	.08390	-.00052	.00117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10282	.00018	.00062	-.03390	-.00295	-.00070	.00123
Stddev	.01662	.00001	.00129	.00017	.00114	.00015	.00141
%RSD	16.167	3.1592	209.33	.51046	38.734	21.722	114.88

#1	.09106	.00019	.00153	-.03378	-.00214	-.00059	.00223
#2	.11457	.00018	-.00030	-.03402	-.00376	-.00081	.00023

Sample Name: CCB02 Acquired: 11/13/2018 13:19:10 Type: Unk
 Method: P4-ICP2(v2577) 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	.00023	.0004	.00007	F<.00000	F .66599
Stddev	.00052	.0008	.00005	.34222	.21089
%RSD	228.21	217.4	71.254	88.383	31.666

#1	-.00014	-.0002	.00011	-.62920	.51687
#2	.00060	.0010	.00004	-.14522	.81512

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.7	42138.	4971.3	127.63	3318.5
Stddev	2.6	185.	15.0	4.62	8.6
%RSD	.08651	.43870	.30109	3.6196	.25884

#1	2986.9	42008.	4981.9	130.90	3312.4
#2	2990.6	42269.	4960.7	124.37	3324.5

Sample Name: J5904-15 Acquired: 11/13/2018 13:23:14 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	-.00039	-.00012	-.00067	-.00054	.01545	.01289	.00003
Stddev	.00070	.00007	.00081	.00021	.00009	.00854	.00034	.00004
%RSD	22.278	18.716	657.89	31.305	16.222	55.292	2.6460	148.65

#1	.00265	-.00034	.00045	-.00082	-.00048	.02149	.01313	-.00000
#2	.00364	-.00044	-.00069	-.00052	-.00060	.00941	.01265	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	25.993	-.00015	-.00001	.00171	.02293	.00117	5.3203
Stddev	.00004	.244	.00010	.00012	.00024	.00068	.00004	.0327
%RSD	121.55	.93791	67.065	1625.7	13.735	2.9825	3.5962	.61474

#1	-.00006	26.166	-.00022	-.00009	.00155	.02342	.00114	5.3434
#2	-.00000	25.821	-.00008	.00008	.00188	.02245	.00120	5.2972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00021	20.724	.00063	-.00008	1.8071	.00017	.00868
Stddev	.00019	.00068	.141	.00021	.00008	.0130	.00000	.00351
%RSD	16.381	315.42	.67869	33.284	100.94	.72116	2.5015	40.361

#1	.00102	-.00069	20.823	.00048	-.00013	1.7979	.00017	.01116
#2	.00129	.00026	20.624	.00078	-.00002	1.8163	.00017	.00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6266	2.2610	-.00178	-.00004	.00104	.0390	.12330	.89824
Stddev	.0004	.0239	.00070	.00191	.00008	.0025	.00099	.34050
%RSD	.01154	1.0573	39.662	4487.8	7.8081	6.306	.80249	37.908

#1	3.6269	2.2779	-.00128	.00131	.00098	.0407	.12400	.65747
#2	3.6263	2.2441	-.00227	-.00139	.00110	.0372	.12260	1.1390

Sample Name: J5904-15 Acquired: 11/13/2018 13:23:14 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91321
Stddev .16087
%RSD 17.616

#1 1.0270
#2 .79946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3008.3	42427.	5208.7	132.49	3309.9
Stddev	2.5	90.	48.3	3.09	4.9
%RSD	.08308	.21283	.92680	2.3291	.14917

#1	3010.0	42363.	5174.6	130.31	3313.4
#2	3006.5	42491.	5242.9	134.67	3306.4

Sample Name: J5904-16 Acquired: 11/13/2018 13:27:16 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00022	.00099	-.00244	-.00104	.01644	.01201	-.00000
Stddev	.00047	.00007	.00064	.00087	.00048	.00604	.00017	.00003
%RSD	26.647	32.646	64.375	35.499	46.122	36.745	1.4186	834.38

#1	.00144	.00026	.00054	-.00183	-.00138	.02071	.01213	.00002
#2	.00211	.00017	.00144	-.00305	-.00070	.01216	.01189	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	25.891	-.00025	-.00012	.00131	.03058	.00126	5.4220
Stddev	.00009	.065	.00008	.00006	.00004	.00677	.00002	.0323
%RSD	128.91	.25239	32.805	48.353	2.9891	22.145	1.6784	.59550

#1	-.00014	25.938	-.00031	-.00008	.00129	.03537	.00127	5.3991
#2	-.00001	25.845	-.00019	-.00016	.00134	.02579	.00124	5.4448

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	-.00047	21.479	.00017	.00001	1.8138	.00007	.01240
Stddev	.00002	.00005	.015	.00043	.00009	.0184	.00011	.00008
%RSD	1.8785	10.499	.07203	253.34	646.56	1.0158	154.44	.61890

#1	.00131	-.00043	21.468	-.00013	-.00005	1.8008	.00015	.01234
#2	.00134	-.00050	21.490	.00047	.00008	1.8269	-.00001	.01245

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6726	2.2825	-.00240	.00007	.00024	.0413	.12508	2.2618
Stddev	.0156	.0186	.00022	.00155	.00084	.0013	.00018	.8786
%RSD	.42430	.81427	9.2831	2273.8	350.20	3.155	.14084	38.842

#1	3.6836	2.2956	-.00224	-.00103	.00083	.0422	.12520	2.8831
#2	3.6616	2.2693	-.00255	.00116	-.00035	.0403	.12495	1.6406

Sample Name: J5904-16 Acquired: 11/13/2018 13:27:16 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62061
 Stddev .28644
 %RSD 46.155

#1 .82316
 #2 .41806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.0	41661.	5170.8	132.65	3279.3
Stddev	17.8	615.	19.6	.02	16.1
%RSD	.59917	1.4756	.37899	.01582	.49151

#1	2954.5	41226.	5156.9	132.63	3267.9
#2	2979.6	42095.	5184.6	132.66	3290.7

Sample Name: J5904-17 Acquired: 11/13/2018 13:31:20 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00048	.00054	-.00134	-.00015	.01063	.01275	.00001
Stddev	.00004	.00066	.00075	.00175	.00205	.01461	.00025	.00002
%RSD	1.7652	136.57	139.22	130.93	1397.9	137.42	1.9325	146.88

#1	.00211	-.00095	.00107	-.00257	.00130	.02097	.01292	-.00000
#2	.00206	-.00002	.00001	-.00010	-.00159	.00030	.01257	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	26.013	-.00015	-.00013	.00154	.03097	.00159	5.4395
Stddev	.00006	.123	.00009	.00008	.00041	.00213	.00000	.0199
%RSD	354.92	.47458	60.399	61.393	26.667	6.8860	.24408	.36524

#1	.00002	25.926	-.00009	-.00007	.00125	.02947	.00159	5.4255
#2	-.00006	26.100	-.00021	-.00018	.00183	.03248	.00159	5.4536

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00144	-.00031	21.295	.00030	.00011	1.8601	.00013	.00951
Stddev	.00067	.00006	.055	.00031	.00008	.0171	.00009	.00216
%RSD	46.955	18.271	.25604	104.31	67.490	.91981	66.522	22.733

#1	.00191	-.00027	21.257	.00008	.00017	1.8480	.00007	.01104
#2	.00096	-.00035	21.334	.00052	.00006	1.8722	.00019	.00799

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6081	2.2767	-.00183	.00043	.00035	.0391	.12473	1.8265
Stddev	.0088	.0104	.00025	.00043	.00030	.0018	.00017	.2179
%RSD	.24405	.45622	13.556	99.188	86.642	4.642	.13433	11.928

#1	3.6019	2.2840	-.00200	.00073	.00056	.0378	.12461	1.6724
#2	3.6144	2.2693	-.00165	.00013	.00013	.0404	.12485	1.9805

Sample Name: J5904-17 Acquired: 11/13/2018 13:31:20 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .69565
Stddev .46239
%RSD 66.469

#1 .36869
#2 1.0226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.5	42267.	5181.5	135.28	3285.6
Stddev	3.2	23.	20.9	5.04	4.7
%RSD	.10792	.05333	.40302	3.7285	.14188

#1	2977.7	42283.	5196.3	138.85	3288.9
#2	2973.2	42252.	5166.8	131.71	3282.3

Sample Name: J5904-18 Acquired: 11/13/2018 13:35:22 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00058	.00052	.00034	-.00063	-.00574	.01395	-.00001
Stddev	.00192	.00056	.00102	.00151	.00136	.01786	.00125	.00002
%RSD	83.608	95.396	195.19	450.13	216.95	311.02	8.9468	408.87

#1	.00366	.00019	-.00020	-.00073	.00034	.00689	.01483	-.00002
#2	.00094	.00098	.00124	.00140	-.00159	-.01837	.01307	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	26.275	-.00027	.00011	.00129	.02639	.00119	5.5399
Stddev	.00004	.068	.00010	.00007	.00011	.00265	.00000	.0531
%RSD	41.927	.25745	38.695	63.150	8.9163	10.023	.15070	.95800

#1	-.00012	26.323	-.00020	.00016	.00137	.02452	.00119	5.5774
#2	-.00006	26.227	-.00034	.00006	.00121	.02826	.00119	5.5024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00051	21.505	.00068	.00002	1.8395	.00024	.00444
Stddev	.00039	.00013	.034	.00051	.00000	.0165	.00004	.00310
%RSD	28.075	25.936	.15680	74.349	22.403	.89480	16.125	69.864

#1	.00168	-.00042	21.529	.00104	.00002	1.8278	.00027	.00663
#2	.00113	-.00060	21.481	.00032	.00002	1.8511	.00021	.00224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5841	2.2792	-.00217	-.00000	.00145	.0380	.12599	1.6481
Stddev	.0015	.0029	.00036	.00072	.00072	.0015	.00042	.1635
%RSD	.04176	.12721	16.786	55439.	49.688	4.008	.33282	9.9192

#1	3.5830	2.2772	-.00191	-.00051	.00196	.0369	.12570	1.5325
#2	3.5851	2.2813	-.00242	.00051	.00094	.0390	.12629	1.7637

Sample Name: J5904-18 Acquired: 11/13/2018 13:35:22 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .54841
 Stddev .44818
 %RSD 81.722

#1 .86532
 #2 .23151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.3	42125.	5126.1	132.86	3282.4
Stddev	5.3	39.	35.4	1.11	5.2
%RSD	.17655	.09251	.69116	.83905	.15798

#1	2971.6	42097.	5101.1	132.08	3286.1
#2	2979.1	42153.	5151.2	133.65	3278.7

Sample Name: J5904-19 Acquired: 11/13/2018 13:39:23 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00018	.00012	.00054	.00034	.00733	.01239	-.00004
Stddev	.00131	.00147	.00111	.00009	.00035	.00145	.00023	.00000
%RSD	36.384	825.08	957.11	16.640	102.18	19.725	1.8441	3.8832

#1	.00452	-.00121	-.00067	.00048	.00010	.00631	.01255	-.00004
#2	.00267	.00086	.00090	.00061	.00059	.00835	.01223	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	25.659	-.00020	.00003	.00101	.02962	.00122	5.3298
Stddev	.00008	.601	.00019	.00012	.00033	.00907	.00003	.0975
%RSD	104.39	2.3423	98.398	461.08	32.867	30.616	2.5634	1.8301

#1	-.00014	26.084	-.00033	.00011	.00124	.02320	.00124	5.3988
#2	-.00002	25.234	-.00006	-.00006	.00077	.03603	.00119	5.2608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	-.00001	21.035	.00055	-.00019	1.8197	-.00006	.00554
Stddev	.00028	.00011	.520	.00004	.00002	.0329	.00014	.00352
%RSD	26.668	876.28	2.4707	7.4369	12.560	1.8092	223.59	63.606

#1	.00124	-.00009	21.403	.00058	-.00021	1.8430	.00004	.00305
#2	.00085	.00006	20.668	.00052	-.00017	1.7964	-.00017	.00803

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5741	2.2138	-.00179	-.00069	-.00049	.0378	.12262	1.7934
Stddev	.0460	.0433	.00050	.00044	.00104	.0008	.00296	1.0035
%RSD	1.2866	1.9579	28.105	62.948	209.45	2.113	2.4130	55.953

#1	3.5416	2.2445	-.00144	-.00100	.00024	.0384	.12471	1.0839
#2	3.6067	2.1832	-.00215	-.00038	-.00123	.0373	.12052	2.5030

Sample Name: J5904-19 Acquired: 11/13/2018 13:39:23 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54656
Stddev .04466
%RSD 8.1716

#1 .57814
#2 .51497

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2988.0	42464.	5257.3	135.64	3306.8
Stddev	48.9	917.	121.5	1.05	54.8
%RSD	1.6356	2.1598	2.3101	.77763	1.6567

#1	3022.6	43112.	5171.4	134.89	3345.5
#2	2953.4	41815.	5343.2	136.38	3268.0

Sample Name: J5904-20 Acquired: 11/13/2018 13:43:25 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00022	-.00043	.00073	-.00104	.00546	.01251	.00002
Stddev	.00102	.00042	.00016	.00196	.00014	.00879	.00021	.00005
%RSD	60.366	191.81	37.584	268.56	13.592	160.88	1.7113	209.60

#1	.00240	-.00052	-.00055	.00211	-.00114	.01168	.01236	.00006
#2	.00096	.00008	-.00032	-.00066	-.00094	-.00075	.01266	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	25.892	.00028	-.00009	.00132	.02692	.00208	5.3387
Stddev	.00005	.148	.00021	.00006	.00022	.00289	.00005	.0349
%RSD	98.595	.57280	76.498	66.185	16.796	10.743	2.2380	.65320

#1	-.00001	25.787	.00013	-.00012	.00116	.02488	.00205	5.3140
#2	-.00008	25.997	.00043	-.00005	.00147	.02897	.00211	5.3633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00168	-.00047	21.054	.00017	.00030	1.8094	.00031	.00964
Stddev	.00032	.00018	.061	.00042	.00014	.0302	.00003	.00694
%RSD	18.776	39.025	.28821	248.89	46.710	1.6715	10.773	72.009

#1	.00146	-.00059	21.011	-.00013	.00020	1.8308	.00034	.00473
#2	.00191	-.00034	21.097	.00047	.00040	1.7880	.00029	.01455

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5643	2.2449	-.00280	-.00200	.00102	.0395	.12441	1.9048
Stddev	.0431	.0251	.00020	.00019	.00170	.0002	.00071	.0511
%RSD	1.2102	1.1164	7.2837	9.6015	166.52	.4537	.57066	2.6810

#1	3.5338	2.2271	-.00266	-.00213	.00222	.0397	.12391	1.8687
#2	3.5949	2.2626	-.00295	-.00186	-.00018	.0394	.12492	1.9409

Sample Name: J5904-20 Acquired: 11/13/2018 13:43:25 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .40302
 Stddev .34691
 %RSD 86.078

#1 .15772
 #2 .64832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.6	40751.	5178.3	132.51	3282.8
Stddev	34.5	768.	4.3	.13	28.4
%RSD	1.1664	1.8851	.08276	.09800	.86490

#1	2986.0	41294.	5181.3	132.60	3302.8
#2	2937.2	40207.	5175.3	132.41	3262.7

Sample Name: J5904-21 Acquired: 11/13/2018 13:47:25 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00041	.00065	-.00241	-.00044	.01172	.01281	.00004
Stddev	.00173	.00076	.00036	.00181	.00037	.00183	.00107	.00001
%RSD	154.64	183.90	56.120	75.185	84.838	15.583	8.3532	35.000

#1	.00235	.00012	.00091	-.00368	-.00070	.01043	.01205	.00003
#2	-.00010	-.00095	.00039	-.00113	-.00017	.01301	.01357	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	25.590	.00000	-.00010	.00102	.02633	.00127	5.3223
Stddev	.00002	.837	.00027	.00001	.00006	.00254	.00000	.2263
%RSD	139.27	3.2692	8923.2	13.915	6.2877	9.6497	.26519	4.2511

#1	-.00000	24.998	.00020	-.00009	.00098	.02454	.00127	5.1623
#2	-.00002	26.182	-.00019	-.00011	.00107	.02813	.00127	5.4823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00170	-.00008	20.956	.00010	.00006	1.7817	.00010	.00653
Stddev	.00014	.00004	.648	.00041	.00005	.0590	.00004	.00131
%RSD	8.5099	49.596	3.0907	433.55	77.067	3.3088	45.311	20.034

#1	.00180	-.00011	20.498	-.00020	.00003	1.7400	.00013	.00560
#2	.00160	-.00005	21.414	.00039	.00009	1.8234	.00007	.00745

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6080	2.2248	-.00172	.00039	.00107	.0405	.12325	1.7137
Stddev	.1035	.0559	.00019	.00020	.00003	.0000	.00372	1.0287
%RSD	2.8699	2.5116	10.801	50.998	2.8677	.0841	3.0187	60.025

#1	3.5348	2.1853	-.00159	.00052	.00105	.0405	.12062	2.4411
#2	3.6812	2.2643	-.00185	.00025	.00110	.0405	.12588	.98635

Sample Name: J5904-21 Acquired: 11/13/2018 13:47:25 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36627
Stddev	.10182
%RSD	27.798

#1	.43827
#2	.29428

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.8	41346.	5218.1	135.10	3248.0
Stddev	55.2	851.	150.7	4.18	66.0
%RSD	1.8885	2.0590	2.8886	3.0975	2.0329

#1	2961.8	40744.	5324.7	138.06	3294.7
#2	2883.8	41948.	5111.5	132.14	3201.4

Sample Name: J5904-22 Acquired: 11/13/2018 13:51:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	-.00044	-.00049	-.00052	.00011	.00915	.01240	.00001
Stddev	.00239	.00045	.00025	.00046	.00060	.00268	.00090	.00005
%RSD	110.32	101.59	52.137	88.830	532.38	29.229	7.2587	854.33

#1	.00048	-.00012	-.00067	-.00019	-.00031	.01104	.01303	.00004
#2	.00385	-.00076	-.00031	-.00085	.00054	.00726	.01176	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	25.594	.00012	.00000	.00149	.02629	.00132	5.2970
Stddev	.00005	.117	.00026	.00011	.00055	.00296	.00008	.0791
%RSD	49.661	.45538	223.35	2369.4	36.743	11.280	5.7026	1.4942

#1	-.00006	25.677	.00030	.00008	.00187	.02838	.00127	5.3530
#2	-.00012	25.512	-.00007	-.00007	.00110	.02419	.00138	5.2410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00044	20.805	.00052	.00000	1.8114	.00010	.00364
Stddev	.00052	.00021	.199	.00037	.00001	.0329	.00017	.00201
%RSD	30.758	48.530	.95419	69.796	5620.6	1.8146	166.40	55.176

#1	.00206	-.00029	20.945	.00078	.00001	1.8346	.00023	.00506
#2	.00132	-.00059	20.664	.00027	-.00001	1.7881	-.00002	.00222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4169	2.2225	-.00225	-.00023	.00026	.0378	.12357	1.2373
Stddev	.2450	.0259	.00014	.00119	.00036	.0030	.00135	.7587
%RSD	7.1716	1.1663	6.3773	526.61	135.71	8.005	1.0934	61.314

#1	3.2436	2.2408	-.00235	.00062	.00001	.0357	.12453	.70088
#2	3.5901	2.2041	-.00215	-.00107	.00051	.0400	.12262	1.7738

Sample Name: J5904-22 Acquired: 11/13/2018 13:51:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .97925
Stddev .00177
%RSD .18106

#1 .98050
#2 .97799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.4	42173.	5225.3	135.32	3392.4
Stddev	184.8	1037.	67.0	4.19	212.2
%RSD	6.0597	2.4588	1.2820	3.0982	6.2538

#1	3180.0	42906.	5177.9	132.36	3542.4
#2	2918.7	41440.	5272.6	138.29	3242.3

Sample Name: J5904-01 Acquired: 11/13/2018 13:55:28 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	.00078	-.00006	-.00046	-.00157	.01083	.01527	.00002
Stddev	.00089	.00105	.00011	.00044	.00071	.00214	.00483	.00001
%RSD	108.82	135.00	179.14	96.009	45.452	19.765	31.650	35.632

#1	.00145	.00152	.00002	-.00015	-.00107	.01234	.01868	.00001
#2	.00019	.00004	-.00014	-.00077	-.00208	.00931	.01185	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	30.510	-.00005	-.00001	.00158	.02618	.00230	8.6356
Stddev	.00002	4.854	.00006	.00008	.00061	.00561	.00010	1.3963
%RSD	24.566	15.911	113.63	886.88	38.626	21.441	4.4577	16.169

#1	-.00007	33.942	-.00001	.00005	.00201	.03015	.00223	9.6229
#2	-.00011	27.077	-.00009	-.00007	.00115	.02221	.00237	7.6482

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	-.00026	46.550	.00055	.00118	3.0872	.00030	.02128
Stddev	.00009	.00032	7.562	.00014	.00026	.4123	.00003	.00130
%RSD	6.9536	124.16	16.245	26.432	22.322	13.356	10.062	6.1235

#1	.00132	-.00048	51.897	.00065	.00137	3.3787	.00032	.02036
#2	.00120	-.00003	41.203	.00044	.00099	2.7956	.00027	.02220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0356	2.5664	-.00222	-.00001	.00142	.0660	.15823	2.7899
Stddev	.0867	.3942	.00024	.00278	.00005	.0014	.02640	.4765
%RSD	1.7218	15.360	10.937	32870.	3.2303	2.140	16.682	17.079

#1	4.9743	2.8451	-.00239	-.00197	.00145	.0650	.17689	2.4530
#2	5.0970	2.2876	-.00205	.00196	.00139	.0670	.13956	3.1268

Sample Name: J5904-01 Acquired: 11/13/2018 13:55:28 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .43787
 Stddev .03250
 %RSD 7.4224

#1 .41489
 #2 .46085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.7	39787.	4535.9	117.29	3178.4
Stddev	38.9	1394.	678.5	20.12	44.4
%RSD	1.3426	3.5034	14.959	17.155	1.3957

#1	2925.2	40773.	4056.1	103.06	3209.8
#2	2870.2	38802.	5015.7	131.52	3147.0

Sample Name: J5904-01DUP Acquired: 11/13/2018 13:59:29 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00007	.00126	-.00084	-.00185	.00958	.01134	.00001
Stddev	.00095	.00055	.00086	.00053	.00004	.00074	.00033	.00007
%RSD	68.344	818.11	68.099	62.820	2.1859	7.6978	2.9522	494.34

#1	.00072	-.00032	.00187	-.00122	-.00183	.01011	.01158	-.00004
#2	.00207	.00045	.00066	-.00047	-.00188	.00906	.01110	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	26.205	-.00042	-.00018	.00183	.03131	.00207	7.3954
Stddev	.00013	.046	.00002	.00010	.00024	.00394	.00008	.0147
%RSD	101.72	.17439	4.6107	57.794	13.091	12.584	3.8042	.19923

#1	-.00003	26.172	-.00040	-.00025	.00166	.02853	.00201	7.3850
#2	-.00021	26.237	-.00043	-.00011	.00200	.03410	.00212	7.4058

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00064	39.641	.00030	.00093	2.7093	.00007	.01897
Stddev	.00016	.00013	.020	.00038	.00012	.0040	.00016	.00127
%RSD	13.226	20.629	.05147	126.39	12.634	.14568	245.69	6.6996

#1	.00133	-.00055	39.655	.00003	.00085	2.7121	-.00005	.01807
#2	.00110	-.00073	39.626	.00057	.00101	2.7066	.00018	.01987

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1360	2.2125	-.00269	-.00040	.00121	.0662	.13566	.75021
Stddev	.2373	.0062	.00005	.00053	.00095	.0035	.00023	.39134
%RSD	4.6211	.28097	1.8874	135.34	79.147	5.307	.16941	52.164

#1	4.9682	2.2169	-.00273	-.00002	.00053	.0638	.13583	.47349
#2	5.3038	2.2081	-.00266	-.00077	.00188	.0687	.13550	1.0269

Sample Name: J5904-01DUP Acquired: 11/13/2018 13:59:29 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .86130
Stddev .08947
%RSD 10.387

#1 .92456
#2 .79803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.4	42062.	5190.5	133.26	3120.2
Stddev	111.5	1138.	10.3	.17	118.7
%RSD	3.9256	2.7049	.19873	.12897	3.8053

#1	2918.3	42866.	5197.8	133.38	3204.2
#2	2760.6	41257.	5183.2	133.14	3036.3

Sample Name: CCV03 Acquired: 11/13/2018 14:12:39 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8431	4.6204	4.8781	4.7785	4.9720	10.049	9.8049	.24786
Stddev	.0428	.0488	.0491	.0504	.0459	.145	.0463	.00412
%RSD	.88292	1.0562	1.0059	1.0550	.92270	1.4452	.47255	1.6625
#1	4.8733	4.6549	4.9128	4.8142	5.0045	9.9467	9.7721	.24494
#2	4.8128	4.5859	4.8434	4.7429	4.9396	10.152	9.8377	.25077
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3540	24.616	.92926	2.3984	1.2038	F 4.4181	2.5105	23.169
Stddev	.0247	.109	.01475	.0247	.0118	.0240	.0335	.166
%RSD	1.0507	.44113	1.5877	1.0298	.97954	.54400	1.3328	.71539
#1	2.3715	24.539	.91883	2.4158	1.2122	4.4351	2.4868	23.052
#2	2.3365	24.693	.93969	2.3809	1.1955	4.4011	2.5341	23.287
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3030	1.1742	23.098	2.3110	2.2577	24.174	4.6305	4.6267
Stddev	.0233	.0149	.104	.0305	.0271	.050	.0479	.0276
%RSD	1.0096	1.2712	.44984	1.3176	1.1981	.20769	1.0346	.59565
#1	2.3195	1.1636	23.024	2.2895	2.2768	24.138	4.6644	4.6073
#2	2.2866	1.1847	23.171	2.3325	2.2386	24.209	4.5966	4.6462
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3810	4.7883	F 4.3935	4.7935	4.8054	4.590	4.7903	F 3.0541
Stddev	.0450	.0164	.0451	.0436	.0187	.059	.0201	.7059
%RSD	1.0272	.34173	1.0260	.91037	.38957	1.286	.41993	23.115
#1	4.4129	4.7767	4.4254	4.7626	4.7922	4.632	4.7760	2.5549
#2	4.3492	4.7999	4.3616	4.8243	4.8186	4.549	4.8045	3.5533

Sample Name: CCV03 Acquired: 11/13/2018 14:12:39 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6616
Stddev .3137
%RSD 11.786

#1 2.4398
#2 2.8834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.6	40007.	5018.5	123.65	3006.0
Stddev	33.3	365.	4.8	1.57	39.4
%RSD	1.1536	.91282	.09577	1.2668	1.3099

#1	2859.1	40265.	5015.1	122.54	2978.2
#2	2906.1	39749.	5021.9	124.76	3033.9

Sample Name: CCB03 Acquired: 11/13/2018 14:16:21 Type: Unk
Method: P4-ICP2(v2577) 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	.00022	-.00011	.00170	-.00338	.00154	.00836	.00017
Stddev	.00008	.00128	.00058	.00048	.00011	.00022	.00007
%RSD	36.891	1204.7	33.820	14.211	7.4698	2.6158	41.486

#1	.00027	.00080	.00129	-.00304	.00146	.00852	.00022
#2	.00016	-.00101	.00211	-.00372	.00162	.00821	.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	.00841	.00001	-.00015	.00015	.00198
Stddev	.00001	.00008	.00291	.00012	.00020	.00012	.00435
%RSD	67.734	130.11	34.588	968.55	131.07	78.920	219.37

#1	-.00001	-.00012	.01046	.00010	-.00030	.00007	-.00109
#2	-.00000	-.00000	.00635	-.00007	-.00001	.00023	.00506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00936	.00127	-.00009	-.00572	-.00009	.00081
Stddev	.00004	.00383	.00040	.00024	.00362	.00041	.00001
%RSD	127.03	40.923	31.907	274.40	63.289	442.50	.91797

#1	-.00000	-.01206	.00098	.00008	-.00316	-.00039	.00080
#2	-.00005	-.00665	.00155	-.00026	-.00828	.00020	.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04267	.00027	-.00162	F -.03612	-.00338	-.00030	-.00017
Stddev	.00107	.00003	.00030	.00041	.00188	.00096	.00093
%RSD	2.5098	12.019	18.439	1.1247	55.592	323.74	543.06

#1	.04343	.00025	-.00141	-.03583	-.00470	.00038	-.00083
#2	.04191	.00030	-.00184	-.03641	-.00205	-.00098	.00049

Sample Name: CCB03 Acquired: 11/13/2018 14:16:21 Type: Unk
 Method: P4-ICP2(v2577) 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	.00138	.0002	.00001	F<.00000	F .95375
Stddev	.00137	.0001	.00001	.13084	.10049
%RSD	99.815	80.47	119.50	25.626	10.536

#1	.00040	.0001	.00002	-.60308	1.0248
#2	.00235	.0002	.00000	-.41805	.88270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.5	43174.	5114.0	128.57	3357.8
Stddev	7.1	144.	17.4	2.10	13.8
%RSD	.23576	.33410	.34027	1.6362	.40949

#1	2985.5	43276.	5126.3	127.08	3348.1
#2	2995.5	43072.	5101.7	130.06	3367.5

Sample Name: J5904-01LX5 Acquired: 11/13/2018 14:20:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00077	.00133	-.00048	.00120	.00468	.00178	-.00001
Stddev	.00129	.00003	.00009	.00044	.00082	.00414	.00024	.00000
%RSD	90.675	3.5426	6.8016	92.381	68.647	88.430	13.556	33.282

#1	.00051	-.00075	.00126	-.00079	.00062	.00761	.00195	-.00001
#2	.00234	-.00079	.00139	-.00017	.00178	.00175	.00161	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	5.2375	-.00016	-.00005	.00072	.00398	.00033	1.5029
Stddev	.00000	.0356	.00013	.00023	.00032	.00744	.00002	.0286
%RSD	38.257	.67936	80.179	416.92	45.079	186.87	5.6612	1.9052

#1	-.00001	5.2627	-.00007	-.00022	.00095	-.00128	.00035	1.5231
#2	-.00001	5.2124	-.00026	.00011	.00049	.00924	.00032	1.4827

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	-.00013	7.6926	.00004	.00074	.50498	.00013	.00175
Stddev	.00012	.00007	.0253	.00029	.00005	.00276	.00010	.00498
%RSD	10.008	51.886	.32888	637.25	6.2728	.54671	75.565	284.15

#1	.00133	-.00008	7.7105	-.00016	.00077	.50303	.00020	.00527
#2	.00115	-.00018	7.6747	.00025	.00071	.50694	.00006	-.00177

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87605	.44065	-.00075	-.00053	.00140	.0118	.02695	<.00000
Stddev	.00190	.00482	.00075	.00215	.00044	.0009	.00014	.31827
%RSD	.21677	1.0946	99.670	407.19	31.311	7.614	.51693	85.375

#1	.87739	.44406	-.00128	.00099	.00109	.0111	.02704	-.14774
#2	.87470	.43724	-.00022	-.00205	.00171	.0124	.02685	-.59785

Sample Name: J5904-01LX5 Acquired: 11/13/2018 14:20:26 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .83347
 Stddev .26377
 %RSD 31.647

#1 1.0200
 #2 .64695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3015.1	43216.	5148.6	131.68	3379.1
Stddev	9.9	216.	33.7	.98	4.1
%RSD	.32774	.50067	.65538	.74668	.12249

#1	3008.1	43063.	5124.8	130.98	3376.2
#2	3022.1	43369.	5172.5	132.37	3382.0

Sample Name: J5904-01MS Acquired: 11/13/2018 14:24:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72280	1.6706	.87275	1.8508	.77074	1.8032	.19147	.18519
Stddev	.00210	.0035	.00026	.0083	.00043	.0169	.00110	.00074
%RSD	.29096	.20839	.02980	.44764	.05538	.93601	.57325	.39721
#1	.72429	1.6730	.87294	1.8566	.77104	1.8151	.19224	.18571
#2	.72131	1.6681	.87257	1.8449	.77044	1.7913	.19069	.18467
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16881	26.610	.33517	.17223	.27638	2.3826	.18538	8.9293
Stddev	.00008	.288	.00188	.00017	.00064	.0645	.00060	.0337
%RSD	.04564	1.0809	.56134	.10018	.23211	2.7067	.32101	.37711
#1	.16886	26.813	.33650	.17210	.27593	2.4282	.18580	8.9531
#2	.16875	26.407	.33384	.17235	.27684	2.3370	.18496	8.9054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41445	.05925	41.212	.25156	.17011	11.645	.36515	.27458
Stddev	.00166	.00025	.246	.00095	.00371	.105	.00067	.00671
%RSD	.39989	.42694	.59748	.37826	2.1816	.90357	.18346	2.4438
#1	.41562	.05907	41.386	.25223	.17273	11.720	.36562	.26984
#2	.41328	.05943	41.038	.25089	.16748	11.571	.36468	.27933
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7422	2.9975	.57635	.18274	.17573	5.016	.30212	.96974
Stddev	.0052	.0144	.00026	.00080	.00152	.011	.00127	.67951
%RSD	.10998	.47869	.04585	.43849	.86715	.2131	.42024	70.072
#1	4.7458	2.9874	.57617	.18331	.17681	5.023	.30302	.48925
#2	4.7385	3.0076	.57654	.18217	.17465	5.008	.30122	1.4502

Sample Name: J5904-01MS Acquired: 11/13/2018 14:24:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.20061
%RSD	58.187

#1	-.48661
#2	-.20291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.0	42662.	5210.2	133.78	3258.6
Stddev	7.7	251.	7.7	2.75	4.1
%RSD	.25861	.58914	.14789	2.0548	.12620

#1	2967.6	42484.	5204.7	131.83	3255.7
#2	2978.5	42839.	5215.6	135.72	3261.5

Sample Name: J5904-01MSD Acquired: 11/13/2018 14:28:20 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72936	1.6786	.87485	1.8641	.77737	1.8148	.19190	.18766
Stddev	.01358	.0186	.01298	.0264	.01097	.0399	.00037	.00164
%RSD	1.8614	1.1050	1.4833	1.4149	1.4112	2.2008	.19506	.87413

#1	.73896	1.6917	.88402	1.8828	.78513	1.8430	.19164	.18882
#2	.71976	1.6655	.86567	1.8455	.76961	1.7865	.19217	.18650

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16944	26.573	.34006	.17301	.27703	2.3924	.18681	8.9648
Stddev	.00294	.108	.00372	.00258	.00558	.0108	.00149	.0317
%RSD	1.7334	.40735	1.0938	1.4911	2.0151	.45016	.79745	.35371

#1	.17152	26.650	.34269	.17484	.28098	2.4000	.18787	8.9424
#2	.16737	26.497	.33743	.17119	.27308	2.3848	.18576	8.9873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41652	.06045	41.296	.25409	.17065	11.686	.36632	.27304
Stddev	.00560	.00055	.057	.00281	.00190	.044	.00561	.00044
%RSD	1.3439	.91551	.13684	1.1042	1.1154	.37548	1.5307	.16156

#1	.42048	.06084	41.256	.25607	.17199	11.717	.37028	.27273
#2	.41257	.06006	41.336	.25210	.16930	11.655	.36235	.27335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7607	2.9911	.57569	.18355	.17632	5.029	.30252	1.7836
Stddev	.0676	.0073	.00919	.00183	.00218	.074	.00072	1.0693
%RSD	1.4204	.24418	1.5958	.99700	1.2367	1.482	.23838	59.950

#1	4.8085	2.9963	.58219	.18484	.17786	5.081	.30201	2.5397
#2	4.7129	2.9859	.56919	.18225	.17478	4.976	.30303	1.0275

Sample Name: J5904-01MSD Acquired: 11/13/2018 14:28:20 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.11414
%RSD	29.782

#1	-.46396
#2	-.30254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.9	42009.	5174.4	133.35	3237.2
Stddev	35.6	416.	21.9	1.19	43.1
%RSD	1.2056	.99049	.42342	.89354	1.3316

#1	2927.7	41714.	5158.9	132.51	3206.7
#2	2978.1	42303.	5189.9	134.19	3267.7

Sample Name: J5904-01A Acquired: 11/13/2018 14:32:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73352	1.6808	.87803	1.8688	.78056	1.7915	.19078	.18522
Stddev	.00144	.0009	.00085	.0018	.00413	.1208	.00339	.00993
%RSD	.19630	.05189	.09635	.09351	.52895	6.7443	1.7771	5.3587

#1	.73454	1.6802	.87863	1.8700	.77765	1.8769	.19318	.19224
#2	.73250	1.6814	.87743	1.8675	.78348	1.7061	.18838	.17820

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16985	26.341	.33572	.17375	.27900	2.3467	.18470	8.8393
Stddev	.00034	.500	.01872	.00028	.00131	.0315	.00944	.1842
%RSD	.19895	1.8997	5.5773	.15873	.46848	1.3430	5.1094	2.0839

#1	.17009	26.695	.34896	.17355	.27993	2.3244	.19138	8.9696
#2	.16961	25.987	.32248	.17394	.27808	2.3690	.17803	8.7091

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41713	.06032	40.840	.25138	.16841	11.604	.36814	.26870
Stddev	.00094	.00342	.714	.01567	.00215	.146	.00001	.01013
%RSD	.22510	5.6640	1.7473	6.2320	1.2751	1.2612	.00171	3.7704

#1	.41779	.06274	41.345	.26246	.16689	11.708	.36815	.27587
#2	.41646	.05791	40.335	.24031	.16992	11.501	.36814	.26154

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7796	2.9510	.57709	.18323	.17424	5.054	.29932	.90093
Stddev	.0056	.0556	.00237	.00106	.00380	.012	.00566	1.1947
%RSD	.11664	1.8834	.40996	.58056	2.1781	.2274	1.8894	132.61

#1	4.7835	2.9903	.57876	.18398	.17692	5.062	.30332	1.7457
#2	4.7756	2.9117	.57541	.18248	.17155	5.046	.29532	.05611

Sample Name: J5904-01A Acquired: 11/13/2018 14:32:11 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .75829
 %RSD 316.30

#1 .29646
 #2 -.77593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.3	42378.	5232.1	134.79	3218.1
Stddev	6.9	2085.	68.2	1.78	4.1
%RSD	.23716	4.9209	1.3028	1.3196	.12696

#1	2924.4	40903.	5183.9	136.05	3215.3
#2	2934.2	43852.	5280.3	133.53	3221.0

Sample Name: J5916-01 Acquired: 11/13/2018 14:36:01 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00023	.00008	-.00030	-.00146	.00231	.01239	.00001
Stddev	.00275	.00048	.00069	.00097	.00046	.00536	.00063	.00003
%RSD	172.10	207.94	862.09	321.00	31.326	232.42	5.0544	247.90

#1	.00355	.00011	.00057	-.00099	-.00113	.00610	.01284	-.00001
#2	-.00035	-.00057	-.00041	.00039	-.00178	-.00148	.01195	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	25.169	-.00025	-.00009	.00139	.02944	.00136	4.9659
Stddev	.00007	.277	.00054	.00023	.00001	.00275	.00003	.0021
%RSD	121.13	1.1014	215.21	261.85	.53554	9.3482	2.1488	.04280

#1	-.00011	25.365	-.00064	-.00025	.00140	.03138	.00138	4.9644
#2	-.00001	24.973	.00013	.00008	.00139	.02749	.00134	4.9674

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	.00011	18.305	.00037	.00002	1.6675	.00020	.00658
Stddev	.00002	.00038	.161	.00003	.00007	.0384	.00017	.00429
%RSD	1.0277	347.14	.87785	8.5562	285.67	2.3010	85.248	65.147

#1	.00162	-.00016	18.418	.00035	.00007	1.6946	.00031	.00355
#2	.00160	.00038	18.191	.00039	-.00002	1.6404	.00008	.00961

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2577	2.2022	-.00224	-.00131	.00041	.0351	.11990	1.4574
Stddev	.0110	.0294	.00027	.00044	.00031	.0012	.00039	.0247
%RSD	.33749	1.3367	12.069	33.513	76.852	3.404	.32668	1.6932

#1	3.2655	2.2230	-.00243	-.00163	.00063	.0359	.12018	1.4749
#2	3.2499	2.1814	-.00205	-.00100	.00018	.0342	.11962	1.4400

Sample Name: J5916-01 Acquired: 11/13/2018 14:36:01 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .62125
Stddev .02661
%RSD 4.2837

#1 .64006
#2 .60243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.6	42091.	5315.6	136.34	3356.4
Stddev	28.3	1142.	59.7	4.02	34.5
%RSD	.94691	2.7139	1.1235	2.9476	1.0269

#1	2970.6	41283.	5273.3	133.50	3332.0
#2	3010.6	42898.	5357.8	139.18	3380.8

Sample Name: J5916-01LX5 Acquired: 11/13/2018 14:44:08 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00047	-.00017	-.00276	.00091	.00951	.00228	-.00004
Stddev	.00129	.00028	.00106	.00070	.00152	.00635	.00105	.00004
%RSD	81.960	58.734	629.10	25.539	166.76	66.703	45.984	96.735

#1	.00066	-.00028	.00058	-.00226	.00198	.01400	.00302	-.00007
#2	.00248	-.00067	-.00092	-.00326	-.00016	.00503	.00154	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	5.0785	-.00012	-.00016	.00023	.00450	.00024	.99876
Stddev	.00004	.0206	.00023	.00005	.00013	.00293	.00001	.00054
%RSD	107.92	.40481	192.72	33.700	57.715	65.049	6.1475	.05454

#1	-.00006	5.0930	-.00028	-.00020	.00032	.00243	.00025	.99838
#2	-.00001	5.0640	.00004	-.00012	.00014	.00657	.00023	.99915

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.00008	3.6113	-.00017	.00119	.35053	.00009	-.00033
Stddev	.00005	.00012	.0166	.00045	.00010	.00362	.00005	.00286
%RSD	3.7461	148.39	.45947	259.16	8.3441	1.0341	57.815	856.69

#1	.00133	.00017	3.5996	-.00049	.00126	.35310	.00013	-.00235
#2	.00141	-.00000	3.6231	.00014	.00112	.34797	.00005	.00169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59225	.44045	-.00122	-.00084	.00154	.0081	.02376	<.00000
Stddev	.01004	.00608	.00004	.00165	.00023	.0002	.00007	.64277
%RSD	1.6952	1.3795	3.4999	195.73	15.128	1.898	.30502	379.91

#1	.58516	.44475	-.00119	.00032	.00170	.0080	.02381	-.62370
#2	.59935	.43616	-.00125	-.00200	.00137	.0082	.02371	.28532

Sample Name: J5916-01LX5 Acquired: 11/13/2018 14:44:08 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .80826
Stddev .45513
%RSD 56.309

#1 .48644
#2 1.1301

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2987.6	43214.	5182.4	132.47	3371.3
Stddev	25.5	36.	60.5	4.09	27.9
%RSD	.85510	.08270	1.1668	3.0879	.82890

#1	3005.6	43239.	5139.6	129.58	3391.0
#2	2969.5	43188.	5225.1	135.37	3351.5

Sample Name: J5916-01MS Acquired: 11/13/2018 14:48:11 Type: Unk

Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71668	1.6399	.85245	1.8407	.74678	1.7624	.20664	.17771
Stddev	.00571	.0038	.00073	.0005	.00614	.2257	.01222	.02514
%RSD	.79650	.23407	.08601	.02746	.82156	12.809	5.9126	14.144

#1	.72072	1.6372	.85194	1.8410	.75112	1.6027	.19800	.15994
#2	.71264	1.6427	.85297	1.8403	.74244	1.9220	.21528	.19549

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16400	27.851	.32143	.16820	.27241	2.5161	.17840	7.0875
Stddev	.00021	1.733	.04592	.00043	.00035	.1627	.02425	.4351
%RSD	.13059	6.2226	14.288	.25401	.12787	6.4650	13.593	6.1391

#1	.16416	26.625	.28896	.16850	.27265	2.4010	.16125	6.7799
#2	.16385	29.076	.35390	.16789	.27216	2.6311	.19554	7.3952

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40167	.05869	21.975	.23895	.17957	11.098	.35154	.28522
Stddev	.00077	.00897	1.201	.03450	.01085	.544	.00009	.00965
%RSD	.19243	15.291	5.4667	14.436	6.0397	4.8982	.02625	3.3850

#1	.40222	.05235	21.125	.21456	.17190	10.714	.35161	.27840
#2	.40113	.06504	22.824	.26334	.18724	11.483	.35148	.29205

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2185	3.1765	.54295	.18876	.18446	4.803	.30559	.59648
Stddev	.0037	.1964	.00221	.01141	.01218	.014	.01632	3.3442
%RSD	.11637	6.1818	.40678	6.0446	6.6047	.2928	5.3404	560.66

#1	3.2158	3.0376	.54451	.18069	.17585	4.813	.29405	-1.7682
#2	3.2211	3.3153	.54139	.19683	.19307	4.794	.31713	2.9612

Sample Name: J5916-01MS Acquired: 11/13/2018 14:48:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .14409
%RSD 89.882

#1 -.26220
#2 -.05842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.0	43961.	4925.0	126.78	3321.2
Stddev	13.4	5785.	245.8	7.18	8.1
%RSD	.45040	13.160	4.9913	5.6660	.24396

#1	2962.6	48052.	5098.8	131.86	3315.5
#2	2981.5	39870.	4751.2	121.70	3327.0

Sample Name: J5916-01MSD Acquired: 11/13/2018 14:52:00 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70640	1.6156	.84053	1.8202	.74303	1.9053	.18461	.19363
Stddev	.00409	.0033	.00298	.0105	.00044	.0603	.00830	.00333
%RSD	.57893	.20485	.35436	.57803	.05975	3.1637	4.4982	1.7201

#1	.70351	1.6133	.83843	1.8127	.74271	1.9479	.19048	.19599
#2	.70929	1.6179	.84264	1.8276	.74334	1.8626	.17874	.19128

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16212	25.345	.34726	.16535	.27055	2.2368	.19426	6.3604
Stddev	.00080	1.230	.00604	.00093	.00202	.1003	.00385	.3004
%RSD	.49097	4.8516	1.7391	.56211	.74775	4.4822	1.9839	4.7227

#1	.16156	26.215	.35153	.16470	.26912	2.3077	.19699	6.5728
#2	.16268	24.476	.34299	.16601	.27198	2.1659	.19154	6.1480

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39780	.06224	19.588	.25934	.16202	10.089	.34887	.24353
Stddev	.00160	.00067	.909	.00557	.00742	.489	.00198	.01474
%RSD	.40226	1.0750	4.6399	2.1486	4.5815	4.8445	.56661	6.0532

#1	.39667	.06271	20.231	.26328	.16727	10.435	.34747	.25395
#2	.39894	.06176	18.945	.25540	.15677	9.7435	.35026	.23310

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1796	2.9155	.53582	.17182	.16375	4.736	.27441	2.9120
Stddev	.0217	.1264	.00069	.00788	.00864	.012	.01276	.6085
%RSD	.68418	4.3369	.12800	4.5858	5.2745	.2592	4.6500	20.895

#1	3.1642	3.0049	.53533	.17739	.16986	4.727	.28343	3.3422
#2	3.1949	2.8260	.53630	.16625	.15764	4.744	.26539	2.4817

Sample Name: J5916-01MSD Acquired: 11/13/2018 14:52:00 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .59571
%RSD 5473.9

#1 .41035
#2 -.43212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.3	40210.	5389.0	140.09	3354.8
Stddev	5.3	838.	232.8	6.44	5.4
%RSD	.17632	2.0850	4.3196	4.5965	.16007

#1	2996.0	39617.	5224.4	135.54	3358.6
#2	2988.6	40802.	5553.6	144.65	3351.0

Sample Name: J5916-01A Acquired: 11/13/2018 14:55:47 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73030	1.6637	.86987	1.8687	.76701	1.7776	.19075	.17964
Stddev	.01256	.0191	.01735	.0242	.01161	.0250	.00107	.00388
%RSD	1.7203	1.1472	1.9951	1.2929	1.5138	1.4041	.55933	2.1591

#1	.72142	1.6502	.85760	1.8517	.75880	1.7952	.19151	.18238
#2	.73918	1.6772	.88214	1.8858	.77522	1.7599	.19000	.17690

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16695	26.076	.32427	.17036	.27878	2.2878	.18026	6.5308
Stddev	.00273	.177	.00855	.00361	.00400	.0257	.00399	.0727
%RSD	1.6375	.68043	2.6367	2.1172	1.4364	1.1247	2.2118	1.1127

#1	.16502	26.201	.33031	.16781	.27595	2.3060	.18308	6.5822
#2	.16889	25.950	.31822	.17292	.28161	2.2696	.17744	6.4795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40951	.05924	20.412	.24203	.16652	10.429	.35950	.25478
Stddev	.00568	.00016	.160	.00513	.00544	.075	.00613	.00141
%RSD	1.3871	.26188	.78559	2.1209	3.2648	.71703	1.7056	.55192

#1	.40549	.05935	20.525	.24566	.17036	10.482	.35516	.25578
#2	.41353	.05913	20.299	.23840	.16267	10.376	.36383	.25379

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2715	2.9999	.55084	.17577	.16982	4.884	.28505	.62888
Stddev	.0505	.0812	.00895	.00186	.00010	.076	.00130	.15340
%RSD	1.5430	2.7049	1.6250	1.0610	.05671	1.566	.45616	24.392

#1	3.2358	3.0573	.54451	.17709	.16988	4.830	.28597	.73735
#2	3.3072	2.9425	.55717	.17445	.16975	4.938	.28413	.52041

Sample Name: J5916-01A Acquired: 11/13/2018 14:55:47 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .66422
%RSD 143.93

#1 -.93117
#2 .00818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.0	42933.	5211.8	137.20	3276.4
Stddev	39.5	943.	81.6	4.58	45.6
%RSD	1.3525	2.1965	1.5663	3.3362	1.3924

#1	2948.9	42266.	5154.1	133.96	3308.6
#2	2893.0	43600.	5269.5	140.44	3244.1

Sample Name: J5916-01DUP Acquired: 11/13/2018 14:59:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00008	-.00035	-.00149	-.00140	.00755	.01257	.00005
Stddev	.00076	.00172	.00020	.00067	.00150	.00039	.00008	.00003
%RSD	29.009	2264.1	57.708	45.087	106.52	5.1044	.60933	68.352

#1	.00208	-.00129	-.00021	-.00102	-.00035	.00782	.01262	.00003
#2	.00316	.00114	-.00050	-.00197	-.00246	.00728	.01251	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	25.320	-.00018	.00004	.00127	.02916	.00118	4.9581
Stddev	.00003	.433	.00049	.00003	.00020	.00370	.00002	.1069
%RSD	226.65	1.7089	268.55	57.800	15.752	12.680	1.5168	2.1561

#1	.00003	25.014	.00016	.00003	.00141	.02654	.00119	4.8825
#2	-.00001	25.626	-.00052	.00006	.00113	.03177	.00116	5.0337

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00022	18.060	-.00011	-.00014	1.6572	.00059	.00623
Stddev	.00009	.00022	.212	.00000	.00006	.0132	.00014	.00078
%RSD	4.2017	101.84	1.1719	1.9040	43.188	.79714	24.511	12.579

#1	.00202	-.00038	17.910	-.00011	-.00010	1.6478	.00069	.00679
#2	.00214	-.00006	18.209	-.00011	-.00018	1.6665	.00049	.00568

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0884	2.2031	-.00244	-.00006	.00032	.0330	.11871	<.00000
Stddev	.0353	.0272	.00002	.00021	.00041	.0009	.00207	.06403
%RSD	1.1421	1.2359	.73910	363.38	126.47	2.834	1.7432	7.1463

#1	3.0635	2.1838	-.00242	.00009	.00061	.0323	.11725	-.85066
#2	3.1133	2.2224	-.00245	-.00021	.00003	.0336	.12017	-.94120

Sample Name: J5916-01DUP Acquired: 11/13/2018 14:59:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .64790
Stddev .22264
%RSD 34.363

#1 .80532
#2 .49047

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.0	45499.	5285.0	137.58	3502.8
Stddev	11.7	245.	51.6	3.26	11.7
%RSD	.37806	.53867	.97728	2.3713	.33295

#1	3110.3	45326.	5321.5	139.89	3511.0
#2	3093.7	45672.	5248.4	135.28	3494.5

Sample Name: CCV04 Acquired: 11/13/2018 15:10:55 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1071	4.8223	5.1454	4.9854	5.2498	10.437	10.210	.25555
Stddev	.0945	.0846	.0782	.1043	.0944	.031	.127	.00021
%RSD	1.8509	1.7535	1.5196	2.0918	1.7972	.29493	1.2415	.08064
#1	5.0403	4.7625	5.0901	4.9116	5.1831	10.458	10.299	.25541
#2	5.1739	4.8821	5.2007	5.0591	5.3165	10.415	10.120	.25570
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4692	26.051	.95073	2.5274	1.2587	4.5079	2.5934	24.147
Stddev	.0365	.256	.00279	.0408	.0234	.1488	.0072	.187
%RSD	1.4787	.98362	.29354	1.6130	1.8601	3.3006	.27613	.77477
#1	2.4434	26.233	.95270	2.4986	1.2422	4.6132	2.5984	24.280
#2	2.4950	25.870	.94875	2.5562	1.2753	4.4027	2.5883	24.015
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4029	1.2021	23.941	2.3522	2.3413	25.468	4.8365	4.8150
Stddev	.0410	.0063	.296	.0073	.0476	.283	.0933	.0300
%RSD	1.7078	.52031	1.2373	.31158	2.0347	1.1111	1.9291	.62315
#1	2.3739	1.2065	24.151	2.3574	2.3749	25.668	4.7705	4.8362
#2	2.4319	1.1977	23.732	2.3470	2.3076	25.268	4.9024	4.7938
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5420	5.0164	4.5618	4.9996	5.0217	4.790	4.9404	F 2.7735
Stddev	.0812	.0568	.0827	.0066	.0548	.092	.0383	.1913
%RSD	1.7880	1.1319	1.8138	.13275	1.0906	1.922	.77467	6.8965
#1	4.4846	5.0565	4.5032	5.0043	5.0605	4.725	4.9675	2.9087
#2	4.5994	4.9762	4.6203	4.9950	4.9830	4.855	4.9134	2.6382

Sample Name: CCV04 Acquired: 11/13/2018 15:10:55 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7979
Stddev .0547
%RSD 1.9536

#1 2.7592
#2 2.8365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2878.7	40764.	5032.7	125.68	3015.8
Stddev	44.4	110.	58.5	2.81	43.1
%RSD	1.5422	.27038	1.1624	2.2391	1.4286

#1	2910.1	40686.	4991.3	123.69	3046.2
#2	2847.3	40842.	5074.1	127.67	2985.3

Sample Name: CCB04 Acquired: 11/13/2018 15:14:44 Type: Unk
Method: P4-ICP2(v2577) 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	-.00055	.00011	.00012	-.00029	.00189	.00713	-.00009
Stddev	.00149	.00053	.00075	.00062	.00007	.00072	.00066
%RSD	271.18	486.35	638.10	210.62	3.6134	10.065	769.86

#1	-.00161	.00048	.00065	-.00073	.00184	.00764	-.00056
#2	.00051	-.00026	-.00041	.00014	.00194	.00662	.00038

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00000	-.00287	-.00019	.00004	.00014	.00462
Stddev	.00001	.00004	.00321	.00052	.00029	.00021	.00680
%RSD	35.677	5201.0	111.64	278.84	703.77	149.53	147.24

#1	-.00005	-.00003	-.00060	.00018	-.00016	-.00001	-.00019
#2	-.00003	.00003	-.00514	-.00055	.00024	.00030	.00943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01343	.00169	.00003	-.02937	-.00055	.00084
Stddev	.00003	.03345	.00027	.00004	.00846	.00010	.00003
%RSD	33.731	249.00	15.948	142.64	28.812	17.746	3.3173

#1	-.00013	.03708	.00150	-.00000	-.02339	-.00061	.00086
#2	-.00008	-.01022	.00188	.00006	-.03535	-.00048	.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05062	.00037	.00073	F -.03823	-.00323	-.00024	.00056
Stddev	.05789	.00005	.00419	.00224	.00105	.00028	.00180
%RSD	114.36	12.545	572.95	5.8468	32.547	114.37	317.87

#1	.00969	.00034	.00369	-.03665	-.00248	-.00005	.00183
#2	.09155	.00040	-.00223	-.03981	-.00397	-.00044	-.00070

Sample Name: CCB04 Acquired: 11/13/2018 15:14:44 Type: Unk
Method: P4-ICP2(v2577) 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	.00135	.0009	-.00005	F<.00000	F .98391
Stddev	.00023	.0003	.00013	.32215	.09046
%RSD	17.264	29.00	279.99	60.097	9.1939

#1	.00152	.0007	.00004	-.76384	.91995
#2	.00119	.0011	-.00014	-.30826	1.0479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3000.7	43315.	5151.0	132.38	3391.5
Stddev	14.0	232.	39.4	2.86	19.1
%RSD	.46694	.53550	.76425	2.1634	.56417

#1	2990.8	43479.	5123.2	130.35	3378.0
#2	3010.6	43151.	5178.8	134.40	3405.1

Sample Name: PB114782BL Acquired: 11/13/2018 15:18:48 Type: Unk
Method: P4-ICP2(v2577) 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	-.00000	.00029	.00021	-.00265	.00091	-.00049	.00010
Stddev	.00036	.00097	.00006	.00085	.00148	.00916	.00015
%RSD	7222.0	337.80	29.625	32.035	162.63	1869.4	145.68

#1	-.00026	.00097	.00026	-.00205	.00196	-.00697	-.00000
#2	.00025	-.00040	.00017	-.00325	-.00014	.00599	.00021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00003	.00763	-.00015	-.00009	.00016	-.00011
Stddev	.00001	.00008	.00498	.00000	.00002	.00028	.00640
%RSD	21.338	283.52	65.347	1.6665	17.337	182.35	5701.2

#1	-.00004	-.00003	.00410	-.00015	-.00010	.00036	.00441
#2	-.00006	.00008	.01115	-.00014	-.00008	-.00004	-.00464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00914	.00171	-.00009	-.05077	-.00015	.00082
Stddev	.00004	.00216	.00035	.00052	.00129	.00020	.00013
%RSD	29.462	23.638	20.553	587.99	2.5492	130.87	16.294

#1	-.00016	-.00761	.00196	.00028	-.05169	-.00029	.00072
#2	-.00011	-.01066	.00146	-.00046	-.04986	-.00001	.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02615	-.00003	-.00617	F -.03841	-.00302	-.00121	-.00041
Stddev	.02285	.00007	.00567	.00243	.00137	.00003	.00051
%RSD	87.396	258.49	91.892	6.3317	45.454	2.1570	124.54

#1	.04230	.00002	-.01017	-.03669	-.00399	-.00122	-.00005
#2	.00999	-.00008	-.00216	-.04013	-.00205	-.00119	-.00077

Sample Name: PB114782BL Acquired: 11/13/2018 15:18:48 Type: Unk
 Method: P4-ICP2(v2577) 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	.00168	-.0004	.00000	F<.00000	F 1.0964
Stddev	.00039	.0007	.00011	.16986	.4644
%RSD	22.931	201.4	51022.	26.386	42.359

#1	.00141	-.0009	-.00007	-.52362	.76801
#2	.00195	.0002	.00008	-.76384	1.4248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.5	43470.	5107.9	130.31	3435.3
Stddev	1.0	102.	23.7	1.31	1.0
%RSD	.03272	.23578	.46400	1.0084	.02772

#1	3035.8	43542.	5091.2	131.24	3436.0
#2	3037.2	43397.	5124.7	129.38	3434.6

Sample Name: PB114782BS Acquired: 11/13/2018 15:22:51 Type: Unk
Method: P4-ICP2(v2577) 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	.76124	1.8452	.97858	1.8364	.79122	2.0349	.21546
Stddev	.00192	.0075	.00293	.0105	.00646	.0127	.00012
%RSD	.25286	.40607	.29916	.57295	.81621	.62381	.05404

#1	.76260	1.8505	.98065	1.8439	.79579	2.0260	.21538
#2	.75987	1.8399	.97651	1.8290	.78665	2.0439	.21554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18866	.18527	1.1599	.38523	.19801	.30521	2.8698
Stddev	.00090	.00009	.0126	.00257	.00094	.00185	.0300
%RSD	.47767	.04889	1.0835	.66650	.47264	.60554	1.0454

#1	.18803	.18520	1.1688	.38342	.19867	.30652	2.8486
#2	.18930	.18533	1.1510	.38705	.19735	.30391	2.8911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21628	2.0844	.46914	.06265	2.8895	.28556	.19182
Stddev	.00022	.0411	.00223	.00015	.0023	.00070	.00173
%RSD	.10231	1.9711	.47628	.23177	.08100	.24355	.90176

#1	.21612	2.0553	.47072	.06275	2.8912	.28507	.19060
#2	.21643	2.1134	.46756	.06255	2.8878	.28605	.19305

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.046	.39405	.28935	F .23465	.90467	.60051	.20306
Stddev	.054	.00282	.00283	.00043	.00211	.00113	.00080
%RSD	.53795	.71627	.97888	.18235	.23366	.18898	.39183

#1	10.008	.39604	.29135	.23495	.90318	.60132	.20250
#2	10.085	.39205	.28734	.23435	.90617	.59971	.20362

Sample Name: PB114782BS Acquired: 11/13/2018 15:22:51 Type: Unk
Method: P4-ICP2(v2577) 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	.20529	5.023	.20301	F<.00000	F<.00000
Stddev	.00112	.012	.00040	.13584	.18393
%RSD	.54357	.2343	.19802	16.211	78.961

#1	.20450	5.031	.20273	-.93401	-.36299
#2	.20608	5.015	.20330	-.74190	-.10288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.0	43125.	4995.4	126.96	3324.7
Stddev	15.9	23.	12.3	1.07	10.2
%RSD	.53359	.05370	.24592	.84469	.30800

#1	2966.7	43141.	4986.7	127.72	3317.4
#2	2989.2	43109.	5004.1	126.20	3331.9

Sample Name: PB114782TB Acquired: 11/13/2018 15:26:41 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.00144	.00062	.00162	.00058	.00818	-.00038	-.00011
Stddev	.00024	.00031	.00052	.00189	.00023	.00334	.00044	.00005
%RSD	6.7761	21.592	83.655	116.77	40.330	40.835	113.79	45.932
#1	-.00338	-.00122	.00098	.00028	.00074	.01055	-.00069	-.00008
#2	-.00372	-.00166	.00025	.00296	.00041	.00582	-.00008	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00842	.00076	-.00037	.00027	.00126	-.00009	.01287
Stddev	.00004	.00469	.00061	.00020	.00014	.00214	.00000	.02805
%RSD	108.18	55.644	80.382	53.375	53.155	169.28	5.2687	217.93
#1	-.00001	.01174	.00119	-.00023	.00017	.00278	-.00010	-.00696
#2	-.00006	.00511	.00033	-.00052	.00037	-.00025	-.00009	.03271
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00258	.00095	F 247.46	-.00026	.00179	.13159	-.00004	-.00447
Stddev	.00021	.00028	3.42	.00020	.00001	.00323	.00029	.00160
%RSD	8.2235	29.079	1.3806	77.087	.48287	2.4510	739.15	35.866
#1	.00273	.00076	249.88	-.00041	.00180	.12930	.00017	-.00560
#2	.00243	.00115	245.05	-.00012	.00179	.13387	-.00024	-.00334
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03419	-.00047	-.00051	.00065	.00123	-.0003	.00006	F 1.0706
Stddev	.00122	.00087	.00026	.00130	.00140	.0011	.00001	.1720
%RSD	3.5760	184.63	51.523	199.45	114.01	354.7	12.986	16.069
#1	-.03505	-.00109	-.00033	-.00027	.00222	-.0010	.00007	1.1922
#2	-.03332	.00014	-.00070	.00157	.00024	.0004	.00006	.94894

Sample Name: PB114782TB Acquired: 11/13/2018 15:26:41 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1128
Stddev .1736
%RSD 15.596

#1 .99007
#2 1.2355

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2809.5	39786.	4948.3	122.89	2970.9
Stddev	5.5	141.	24.5	.52	.1
%RSD	.19415	.35419	.49612	.42676	.00381

#1	2813.3	39687.	4931.0	123.26	2970.8
#2	2805.6	39886.	4965.7	122.52	2970.9

Sample Name: PB114781BL Acquired: 11/13/2018 15:30:51 Type: Unk
Method: P4-ICP2(v2577) 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	-.00044	-.00127	-.00176	.00098	-.00168	-.00004
Stddev	.00151	.00037	.00011	.00098	.00027	.00043	.00011
%RSD	117.83	84.510	8.3578	55.691	27.353	25.660	260.16

#1	.00236	-.00070	-.00120	-.00107	.00116	-.00198	-.00012
#2	.00021	-.00018	-.00135	-.00245	.00079	-.00137	.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00002	.01668	-.00015	.00001	.00053	-.00205
Stddev	.00002	.00004	.02253	.00028	.00010	.00029	.00677
%RSD	728.89	239.43	135.09	183.33	1097.8	53.472	330.63

#1	.00001	-.00005	.03261	.00004	.00008	.00033	-.00683
#2	-.00002	.00001	.00075	-.00035	-.00006	.00074	.00274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.02047	.00149	-.00031	.02779	-.00042	.00080
Stddev	.00002	.00126	.00042	.00018	.00847	.00045	.00012
%RSD	22.918	6.1714	28.083	60.576	30.466	105.67	14.788

#1	-.00012	-.01958	.00119	-.00044	.03378	-.00011	.00088
#2	-.00009	-.02136	.00178	-.00017	.02181	-.00074	.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08058	-.00003	-.00543	F -.03829	-.00439	-.00123	-.00038
Stddev	.01955	.00020	.00584	.00404	.00129	.00041	.00050
%RSD	24.256	763.36	107.64	10.547	29.429	33.207	130.57

#1	.06676	.00012	-.00956	-.03543	-.00531	-.00151	-.00073
#2	.09440	-.00017	-.00130	-.04114	-.00348	-.00094	-.00003

Sample Name: PB114781BL Acquired: 11/13/2018 15:30:51 Type: Unk
Method: P4-ICP2(v2577) 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	.00130	.0004	.00000	F<.00000	F .82282
Stddev	.00185	.0012	.00001	.06616	.12335
%RSD	141.84	308.8	176.12	5.2325	14.991

#1	.00261	-.0005	.00001	-1.3112	.73560
#2	-.00000	.0012	-.00000	-1.2176	.91004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.3	43448.	5112.6	131.69	3430.0
Stddev	4.6	138.	10.5	.34	9.5
%RSD	.15239	.31705	.20501	.25506	.27621

#1	3039.5	43546.	5120.0	131.93	3436.7
#2	3033.0	43351.	5105.2	131.45	3423.3

Sample Name: PB114781TB Acquired: 11/13/2018 15:34:56 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00208	-.00191	.00095	.00004	.00246	.01355	.00050	-.00007
Stddev	.00271	.00001	.00075	.00219	.00004	.01197	.00058	.00003
%RSD	130.66	.36407	78.766	5767.7	1.7062	88.369	116.22	47.289
#1	-.00399	-.00192	.00148	-.00151	.00243	.02202	.00090	-.00004
#2	-.00016	-.00191	.00042	.00158	.00249	.00508	.00009	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.01688	.00114	-.00013	-.00023	.00239	.00006	.00227
Stddev	.00003	.01117	.00020	.00012	.00013	.00322	.00004	.02509
%RSD	20.208	66.142	17.561	94.173	55.981	134.67	64.182	1105.4
#1	-.00013	.02478	.00128	-.00004	-.00032	.00467	.00008	.02001
#2	-.00017	.00899	.00100	-.00022	-.00014	.00011	.00003	-.01547
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00332	.00092	F 276.70	-.00051	.00550	.16879	.00015	.00101
Stddev	.00008	.00005	2.68	.00003	.00003	.02936	.00016	.00507
%RSD	2.4448	5.0499	.96775	5.3740	.57210	17.392	105.27	499.66
#1	.00327	.00096	274.81	-.00053	.00548	.14803	.00004	-.00257
#2	.00338	.00089	278.59	-.00049	.00552	.18955	.00026	.00460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03374	.00012	.00026	.00147	.00393	-.0012	.00006	F 1.4623
Stddev	.00274	.00390	.00122	.00007	.00022	.0001	.00005	.7120
%RSD	8.1146	3255.6	467.89	4.4826	5.6782	11.96	82.662	48.688
#1	-.03180	.00288	.00112	.00143	.00408	-.0014	.00009	.95888
#2	-.03567	-.00264	-.00060	.00152	.00377	-.0011	.00002	1.9658

Sample Name: PB114781TB Acquired: 11/13/2018 15:34:56 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1596
Stddev .2100
%RSD 18.108

#1 1.0111
#2 1.3081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.9	39212.	4935.4	123.82	2921.3
Stddev	5.3	2.	35.4	.39	12.4
%RSD	.19186	.00423	.71689	.31410	.42556

#1	2766.1	39214.	4960.4	124.09	2912.5
#2	2773.6	39211.	4910.3	123.54	2930.1

Sample Name: PB114765BL Acquired: 11/13/2018 15:39:07 Type: Unk
Method: P4-ICP2(v2577) 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	-.00116	-.00044	-.00078	-.00094	.00160	-.00650	-.00005
Stddev	.00386	.00136	.00086	.00054	.00069	.00816	.00006
%RSD	331.28	307.68	109.72	57.533	43.150	125.56	136.32

#1	.00156	.00052	-.00139	-.00132	.00209	-.00073	-.00000
#2	-.00389	-.00141	-.00018	-.00056	.00111	-.01227	-.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00002	-.01246	-.00002	-.00021	.00013	.00216
Stddev	.00001	.00012	.00696	.00018	.00029	.00008	.00184
%RSD	46.521	572.11	55.900	1134.2	139.19	61.281	85.262

#1	-.00002	-.00011	-.01738	-.00014	-.00000	.00019	.00346
#2	-.00003	.00007	-.00753	.00011	-.00042	.00008	.00086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	.00210	.00137	-.00027	.08627	-.00034	.00069
Stddev	.00004	.02988	.00000	.00051	.00068	.00000	.00002
%RSD	20.373	1424.0	.30075	185.75	.78465	.97318	3.5268

#1	-.00021	-.01903	.00137	.00009	.08675	-.00034	.00068
#2	-.00016	.02322	.00136	-.00063	.08579	-.00035	.00071

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08710	.00003	-.00705	F -.03927	-.00106	-.00129	-.00061
Stddev	.00476	.00001	.00506	.00024	.00020	.00052	.00059
%RSD	5.4688	25.279	71.798	.60026	19.163	40.039	96.977

#1	.09047	.00004	-.00347	-.03944	-.00091	-.00093	-.00019
#2	.08373	.00003	-.01063	-.03911	-.00120	-.00166	-.00103

Sample Name: PB114765BL Acquired: 11/13/2018 15:39:07 Type: Unk
 Method: P4-ICP2(v2577) 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	.00128	-.0000	.00014	F .01033	F .73192
Stddev	.00092	.0004	.00006	.42973	.50349
%RSD	71.798	952.4	41.749	4160.0	68.791

#1	.00193	.0002	.00018	-.29354	.37590
#2	.00063	-.0003	.00010	.31420	1.0879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.0	43200.	5033.4	130.04	3411.4
Stddev	4.1	76.	8.3	2.49	.4
%RSD	.13675	.17634	.16468	1.9168	.01209

#1	3020.9	43146.	5027.5	128.28	3411.7
#2	3015.1	43254.	5039.3	131.80	3411.1

Sample Name: PB114755BL Acquired: 11/13/2018 15:47:04 Type: Unk
Method: P4-ICP2(v2577) 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	.00102	-.00035	-.00079	-.00181	.00080	.00998	.00037
Stddev	.00018	.00058	.00084	.00063	.00031	.00047	.00038
%RSD	17.568	165.35	105.94	34.743	39.343	4.7151	101.28

#1	.00090	-.00076	-.00139	-.00136	.00102	.01032	.00011
#2	.00115	.00006	-.00020	-.00225	.00058	.00965	.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00007	.01568	-.00012	-.00014	-.00019	-.00099
Stddev	.00003	.00004	.00448	.00007	.00005	.00017	.00498
%RSD	496.96	51.505	28.595	57.555	33.931	86.015	501.07

#1	.00003	-.00005	.01251	-.00017	-.00011	-.00031	-.00452
#2	-.00002	-.00010	.01885	-.00007	-.00017	-.00008	.00253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00497	.00126	-.00028	-.01862	-.00037	.00079
Stddev	.00005	.01003	.00003	.00070	.00357	.00007	.00004
%RSD	40.571	201.76	2.5638	252.57	19.188	18.329	4.7483

#1	-.00017	.00212	.00124	.00022	-.01609	-.00032	.00082
#2	-.00009	-.01206	.00129	-.00077	-.02114	-.00042	.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02805	-.00009	-.00770	F -.03876	-.00239	-.00094	.00019
Stddev	.02902	.00020	.00556	.00034	.00117	.00002	.00040
%RSD	103.46	213.07	72.204	.88675	48.906	2.3271	205.31

#1	.04857	.00005	-.01164	-.03901	-.00321	-.00093	.00048
#2	.00753	-.00024	-.00377	-.03852	-.00156	-.00096	-.00009

Sample Name: PB114755BL Acquired: 11/13/2018 15:47:04 Type: Unk
 Method: P4-ICP2(v2577) 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	.00154	.0008	.00006	F<.00000	F 1.3174
Stddev	.00051	.0007	.00006	.22541	.3144
%RSD	33.231	79.74	104.16	114.85	23.869

#1	.00118	.0004	.00002	-.35565	1.0950
#2	.00190	.0013	.00011	-.03688	1.5397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.8	43245.	5040.8	128.04	3407.3
Stddev	10.2	143.	43.1	1.42	7.8
%RSD	.33819	.33159	.85467	1.1091	.22853

#1	3012.6	43143.	5010.3	127.03	3401.8
#2	3027.1	43346.	5071.2	129.04	3412.8

Sample Name: PB114762BL Acquired: 11/13/2018 15:51:09 Type: Unk
Method: P4-ICP2(v2577) 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	-.00181	.00049	-.00010	-.00129	.00085	.01064	.00049
Stddev	.00054	.00110	.00029	.00138	.00080	.01511	.00121
%RSD	30.026	225.67	284.16	107.11	94.221	141.98	248.16

#1	-.00219	-.00029	-.00030	-.00226	.00029	.02133	-.00037
#2	-.00143	.00127	.00010	-.00031	.00142	-.00004	.00134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00007	.00232	-.00027	.00012	.00041	-.00167
Stddev	.00002	.00011	.00440	.00019	.00018	.00018	.00858
%RSD	88.672	151.18	189.98	69.512	143.98	44.247	513.46

#1	.00001	-.00014	-.00080	-.00014	.00025	.00053	-.00774
#2	.00003	.00000	.00543	-.00041	-.00000	.00028	.00439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.02080	.00118	-.00020	-.03191	-.00016	.00085
Stddev	.00004	.01582	.00018	.00007	.00935	.00017	.00006
%RSD	39.205	76.038	15.388	33.118	29.289	106.07	6.9148

#1	-.00014	-.00962	.00105	-.00015	-.03852	-.00004	.00081
#2	-.00008	-.03199	.00131	-.00025	-.02530	-.00028	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	.00004	-.00598	F -.04061	-.00538	-.00085	-.00079
Stddev	.01091	.00003	.00876	.00152	.00049	.00002	.00029
%RSD	128.96	73.540	146.62	3.7333	9.1702	1.9113	37.148

#1	.00075	.00002	.00022	-.04168	-.00503	-.00086	-.00100
#2	.01617	.00006	-.01218	-.03954	-.00572	-.00083	-.00058

Sample Name: PB114762BL Acquired: 11/13/2018 15:51:09 Type: Unk
 Method: P4-ICP2(v2577) 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	.00141	.0007	-.00004	F<.00000	F 1.0096
Stddev	.00093	.0001	.00009	.05449	.0844
%RSD	65.817	7.545	234.67	21.340	8.3635

#1	.00207	.0008	.00003	-.21681	.94990
#2	.00075	.0007	-.00010	-.29388	1.0693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.8	42899.	4936.5	126.65	3381.0
Stddev	9.2	157.	51.5	2.34	16.7
%RSD	.30844	.36538	1.0442	1.8470	.49359

#1	2984.3	42788.	4973.0	128.31	3369.2
#2	2997.4	43009.	4900.1	125.00	3392.8

Sample Name: PB114762BS Acquired: 11/13/2018 15:55:14 Type: Unk
Method: P4-ICP2(v2577) 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	.74754	1.7982	.95537	1.8024	.78441	1.8948	.20610
Stddev	.00427	.0034	.00093	.0043	.00185	.0014	.00068
%RSD	.57071	.18605	.09683	.23675	.23602	.07241	.33151

#1	.75056	1.8005	.95472	1.8054	.78310	1.8957	.20658
#2	.74452	1.7958	.95603	1.7994	.78572	1.8938	.20562

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18307	.17998	1.0349	.37491	.19249	.29670	2.6787
Stddev	.00060	.00004	.0069	.00106	.00000	.00103	.0214
%RSD	.32830	.02378	.66217	.28218	.00209	.34784	.80056

#1	.18349	.17995	1.0300	.37416	.19248	.29743	2.6636
#2	.18264	.18001	1.0397	.37565	.19249	.29597	2.6939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20735	1.9235	.45693	.06421	2.7833	.27418	.18398
Stddev	.00005	.0481	.00028	.00036	.0063	.00058	.00099
%RSD	.02474	2.4999	.06230	.56049	.22610	.21300	.53791

#1	.20738	1.8895	.45713	.06395	2.7878	.27459	.18328
#2	.20731	1.9575	.45673	.06446	2.7789	.27377	.18468

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6482	.39238	.26831	F -.04109	.88223	.59084	.19748
Stddev	.0766	.00043	.00133	.00250	.01328	.00050	.00114
%RSD	.79385	.10915	.49485	6.0943	1.5057	.08523	.57798

#1	9.7023	.39268	.26924	-.04286	.89162	.59119	.19667
#2	9.5940	.39207	.26737	-.03932	.87284	.59048	.19828

Sample Name: PB114762BS Acquired: 11/13/2018 15:55:14 Type: Unk
 Method: P4-ICP2(v2577) 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	.19855	4.911	.19424	F<.00000	F<.00000
Stddev	.00099	.005	.00044	.06017	.05182
%RSD	.49788	.1128	.22832	7.9200	170.51

#1	.19925	4.915	.19456	-.80226	.00625
#2	.19785	4.907	.19393	-.71717	-.06703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.7	42383.	4916.0	125.35	3263.9
Stddev	18.6	139.	28.5	.08	18.0
%RSD	.63554	.32846	.58027	.06603	.55237

#1	2908.6	42285.	4895.8	125.29	3251.2
#2	2934.8	42482.	4936.1	125.41	3276.7

Sample Name: PB114765BS Acquired: 11/13/2018 16:03:12 Type: Unk
Method: P4-ICP2(v2577) 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	.72196	1.7451	.92520	1.7447	.75743	1.8661	.19858
Stddev	.00299	.0017	.00094	.0022	.00259	.0245	.00185
%RSD	.41348	.09601	.10116	.12442	.34192	1.3147	.92920

#1	.71985	1.7440	.92454	1.7462	.75927	1.8488	.19728
#2	.72407	1.7463	.92586	1.7431	.75560	1.8835	.19989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17849	.17495	1.0423	.36648	.18690	.28947	2.6164
Stddev	.00044	.00014	.0351	.00130	.00013	.00045	.0366
%RSD	.24510	.07887	3.3685	.35356	.06917	.15533	1.3993

#1	.17818	.17485	1.0175	.36557	.18699	.28979	2.6423
#2	.17879	.17505	1.0671	.36740	.18681	.28915	2.5905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20261	1.8678	.44287	.06041	2.6798	.26914	.17923
Stddev	.00040	.0101	.00055	.00076	.0080	.00011	.00298
%RSD	.19656	.54320	.12378	1.2520	.29877	.03924	1.6652

#1	.20233	1.8606	.44326	.06095	2.6741	.26922	.18134
#2	.20290	1.8750	.44248	.05988	2.6855	.26907	.17712

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3480	.37710	.26309	F .04611	.84904	.57195	.19215
Stddev	.0774	.00061	.00409	.00340	.00951	.00197	.00130
%RSD	.82790	.16131	1.5558	7.3747	1.1202	.34507	.67461

#1	9.2933	.37753	.26598	.04371	.84231	.57055	.19124
#2	9.4027	.37667	.26020	.04852	.85576	.57334	.19307

Sample Name: PB114765BS Acquired: 11/13/2018 16:03:12 Type: Unk
Method: P4-ICP2(v2577) 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	.19096	F 4.761	.18886	F<.00000	F<.00000
Stddev	.00308	.012	.00148	.32393	.12552
%RSD	1.6131	.2485	.78410	30.322	29.366

#1	.18879	4.769	.18781	-.83925	-.51618
#2	.19314	4.753	.18991	-1.2974	-.33867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.6	42344.	4946.1	125.77	3277.3
Stddev	8.6	47.	23.6	2.07	9.6
%RSD	.29211	.11215	.47675	1.6432	.29380

#1	2929.6	42310.	4962.8	124.31	3270.5
#2	2941.7	42377.	4929.4	127.23	3284.1

Sample Name: CCV05 Acquired: 11/13/2018 16:07:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1648	4.8728	5.2249	5.0090	5.3024	10.312	10.224	.25642
Stddev	.0174	.0032	.0041	.0021	.0061	.014	.084	.00062
%RSD	.33636	.06572	.07800	.04095	.11539	.13991	.82263	.24041
#1	5.1771	4.8706	5.2278	5.0075	5.3067	10.322	10.164	.25598
#2	5.1525	4.8751	5.2220	5.0104	5.2980	10.302	10.283	.25685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5071	25.973	.95649	2.5635	1.2666	4.6619	2.6045	24.330
Stddev	.0034	.041	.00225	.0064	.0026	.0837	.0010	.103
%RSD	.13366	.15683	.23491	.25129	.20292	1.7960	.03790	.42262
#1	2.5094	25.944	.95808	2.5681	1.2684	4.6027	2.6052	24.258
#2	2.5047	26.002	.95490	2.5590	1.2648	4.7211	2.6038	24.403
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4321	1.2140	23.994	2.3635	2.4372	25.488	4.8678	4.8178
Stddev	.0048	.0009	.207	.0037	.0475	.171	.0034	.0095
%RSD	.19717	.07060	.86349	.15740	1.9507	.67120	.07071	.19708
#1	2.4355	1.2146	23.848	2.3661	2.4036	25.367	4.8653	4.8111
#2	2.4287	1.2134	24.141	2.3609	2.4708	25.609	4.8702	4.8246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5651	5.0380	4.6172	4.9930	5.0088	4.853	4.9970	F 2.3190
Stddev	.0209	.0230	.0045	.0333	.0327	.016	.0693	.2048
%RSD	.45838	.45608	.09779	.66628	.65221	.3356	1.3867	8.8321
#1	4.5798	5.0218	4.6204	4.9695	4.9857	4.864	4.9480	2.1741
#2	4.5503	5.0543	4.6140	5.0165	5.0319	4.841	5.0460	2.4638

Sample Name: CCV05 Acquired: 11/13/2018 16:07:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8472
Stddev .4527
%RSD 15.900

#1 3.1673
#2 2.5270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.0	41160.	5039.5	121.84	3002.6
Stddev	7.8	162.	13.0	2.32	10.2
%RSD	.27082	.39312	.25768	1.9028	.33803

#1	2871.5	41046.	5048.7	123.48	2995.5
#2	2882.5	41275.	5030.3	120.20	3009.8

Sample Name: CCB05 Acquired: 11/13/2018 16:10:55 Type: Unk
Method: P4-ICP2(v2577) 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	-.00087	.00072	-.00104	-.00099	.00056	.00345	-.00036
Stddev	.00133	.00055	.00113	.00006	.00044	.00427	.00004
%RSD	153.44	76.444	108.63	5.9378	77.453	124.02	10.985

#1	.00007	.00111	-.00184	-.00095	.00087	.00042	-.00038
#2	-.00181	.00033	-.00024	-.00103	.00025	.00647	-.00033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	.00622	-.00008	-.00006	.00030	.00025
Stddev	.00002	.00006	.00501	.00019	.00003	.00006	.00628
%RSD	219.66	101.34	80.420	248.60	42.100	20.668	2503.2

#1	-.00003	-.00002	.00268	-.00021	-.00008	.00026	-.00419
#2	.00001	-.00010	.00976	.00006	-.00004	.00034	.00469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.01836	.00159	-.00018	-.04904	-.00030	.00076
Stddev	.00000	.02038	.00012	.00020	.00955	.00000	.00001
%RSD	.41875	110.98	7.6825	108.81	19.469	1.2506	1.6889

#1	-.00014	-.03277	.00168	-.00004	-.05579	-.00030	.00075
#2	-.00014	-.00395	.00151	-.00032	-.04228	-.00030	.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02922	.00025	.00205	F -.04002	-.00349	-.00091	-.00010
Stddev	.02369	.00015	.00445	.00138	.00081	.00018	.00044
%RSD	81.089	57.013	216.64	3.4537	23.138	20.394	429.22

#1	.04597	.00036	-.00109	-.04100	-.00406	-.00078	-.00041
#2	.01246	.00015	.00520	-.03905	-.00292	-.00104	.00021

Sample Name: CCB05 Acquired: 11/13/2018 16:10:55 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00127	-.0004	.00005	F<.00000	F 1.2248
Stddev	.00045	.0006	.00010	.43419	.2531
%RSD	35.482	136.6	218.47	67.481	20.661

#1	.00095	-.0000	.00012	-.33640	1.0459
#2	.00159	-.0008	-.00002	-.95044	1.4037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3052.5	43589.	5129.7	128.66	3441.5
Stddev	3.7	87.	3.0	1.92	10.5
%RSD	.12152	.20062	.05833	1.4885	.30547

#1	3055.1	43651.	5131.8	127.31	3448.9
#2	3049.9	43527.	5127.6	130.02	3434.0

Sample Name: PB114770BL Acquired: 11/13/2018 16:14:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00026	-.00082	.00149	.00006	.01012	.00036
Stddev	.00053	.00048	.00022	.00054	.00187	.00251	.00090
%RSD	479.69	183.66	26.878	35.987	2892.0	24.785	250.64

#1	-.00027	-.00008	-.00097	.00111	.00139	.01189	-.00028
#2	.00049	.00060	-.00066	.00187	-.00126	.00835	.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	-.00643	.00021	.00004	.00036	.00186
Stddev	.00000	.00008	.01844	.00008	.00008	.00048	.00751
%RSD	1.2294	1072.9	286.80	39.162	230.05	134.19	402.86

#1	-.00003	-.00006	-.01947	.00015	-.00002	.00002	.00718
#2	-.00003	.00005	.00661	.00027	.00009	.00070	-.00345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00630	.00139	-.00028	-.05649	-.00028	.00083
Stddev	.00001	.00413	.00014	.00015	.00075	.00008	.00001
%RSD	9.8107	65.606	10.269	54.017	1.3309	29.050	1.4120

#1	-.00009	-.00338	.00149	-.00017	-.05702	-.00034	.00084
#2	-.00011	-.00922	.00129	-.00039	-.05596	-.00022	.00083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00648	-.00000	-.00139	F -.04099	-.00313	-.00096	-.00007
Stddev	.00992	.00004	.00401	.00037	.00163	.00076	.00036
%RSD	153.04	74728.	288.09	.89611	52.260	78.425	537.43

#1	.00053	.00003	.00145	-.04073	-.00428	-.00150	-.00032
#2	-.01350	-.00003	-.00423	-.04125	-.00197	-.00043	.00019

Sample Name: PB114770BL Acquired: 11/13/2018 16:14:59 Type: Unk
Method: P4-ICP2(v2577) 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	.00164	.0003	.00006	F<.00000	F 1.2471
Stddev	.00070	.0000	.00005	.86908	.9415
%RSD	42.689	13.54	71.525	117.16	75.490

#1	.00214	.0003	.00003	-.12727	.58142
#2	.00115	.0003	.00010	-1.3563	1.9128

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.7	43453.	5046.4	128.70	3425.9
Stddev	10.0	165.	56.5	1.22	11.0
%RSD	.33013	.37929	1.1203	.94772	.32226

#1	3028.6	43336.	5086.4	129.57	3418.1
#2	3042.8	43570.	5006.5	127.84	3433.7

Sample Name: J5770-01 Acquired: 11/13/2018 16:22:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03722	-.01140	.29475	-.01356	.00689	135.90	.64759
Stddev	.00130	.00229	.00396	.00215	.00174	.84	.00497
%RSD	3.5060	20.087	1.3419	15.875	25.183	.61552	.76735

#1	.03629	-.00978	.29195	-.01508	.00812	135.30	.64407
#2	.03814	-.01302	.29755	-.01204	.00567	136.49	.65110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	-.00123	48.328	.18308	.11973	.27351	247.45
Stddev	.00008	.00042	.424	.00048	.00036	.00216	3.72
%RSD	1.3045	34.384	.87754	.26220	.30144	.78915	1.5047

#1	.00614	-.00093	48.028	.18342	.11948	.27503	244.82
#2	.00603	-.00153	48.628	.18274	.11999	.27198	250.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7243	49.591	.18840	-.00346	7.5920	.38221	.48832
Stddev	.0058	.243	.00129	.00077	.0455	.00177	.00739
%RSD	.21418	.49028	.68525	22.114	.59982	.46242	1.5137

#1	2.7284	49.419	.18749	-.00400	7.5598	.38346	.48310
#2	2.7202	49.763	.18932	-.00292	7.6242	.38096	.49355

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.560	.00288	.03996	6.6795	5.0469	.01494	4.2193
Stddev	.114	.00030	.00207	.0735	.0859	.00061	.0282
%RSD	.78220	10.405	5.1843	1.1005	1.7018	4.0671	.66893

#1	14.480	.00267	.04142	6.6275	5.1076	.01451	4.1993
#2	14.641	.00309	.03849	6.7314	4.9862	.01537	4.2393

Sample Name: J5770-01 Acquired: 11/13/2018 16:22:54 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13645	8.430	-.13962	<.00000	F<.00000
Stddev	.00113	.029	.00381	.35738	.32247
%RSD	.83088	.3426	2.7290	1.6116	12.412

#1	.13565	8.409	-.13693	-21.923	-2.3701
#2	.13726	8.450	-.14232	-22.428	-2.8262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.0	48900.	6227.1	121.67	2911.2
Stddev	2.8	36.	9.6	1.63	7.7
%RSD	.08155	.07317	.15342	1.3357	.26613

#1	3391.1	48874.	6233.9	122.82	2916.7
#2	3395.0	48925.	6220.4	120.52	2905.8

Sample Name: J5770-03 Acquired: 11/13/2018 16:26:50 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01117	-.01254	.27299	-.02111	.00823	147.96	.65700
Stddev	.00380	.00136	.00209	.00241	.00011	.28	.00586
%RSD	34.001	10.829	.76526	11.409	1.3842	.18976	.89121

#1	.00848	-.01351	.27447	-.01941	.00831	147.76	.66114
#2	.01385	-.01158	.27151	-.02282	.00815	148.16	.65286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	-.00051	44.767	.20708	.14609	.19970	276.85
Stddev	.00004	.00005	.539	.00125	.00021	.00025	.93
%RSD	.63924	10.259	1.2033	.60382	.14128	.12769	.33691

#1	.00593	-.00047	45.147	.20620	.14594	.19988	276.19
#2	.00588	-.00054	44.386	.20797	.14624	.19952	277.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5631	59.192	.21783	-.00479	8.9898	.43335	.50643
Stddev	.0086	.612	.00067	.00023	.1220	.00330	.00006
%RSD	.24174	1.0334	.30842	4.7143	1.3574	.76078	.01102

#1	3.5570	59.624	.21736	-.00463	9.0761	.43102	.50647
#2	3.5692	58.759	.21831	-.00495	8.9035	.43568	.50639

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.707	.00986	.15332	4.8339	6.8067	.01277	5.0033
Stddev	.170	.00010	.01012	.0217	.1472	.00078	.0545
%RSD	.96155	.97401	6.5980	.44817	2.1633	6.1172	1.0887

#1	17.827	.00979	.14617	4.8493	6.7026	.01333	5.0418
#2	17.586	.00993	.16047	4.8186	6.9108	.01222	4.9648

Sample Name: J5770-03 Acquired: 11/13/2018 16:26:50 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13870	7.004	-.15246	<.00000	F<.00000
Stddev	.00069	.033	.00282	1.0561	.77975
%RSD	.49675	.4646	1.8476	4.0585	10.798

#1	.13918	7.027	-.15046	-25.276	-6.6700
#2	.13821	6.981	-.15445	-26.769	-7.7727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.2	48527.	6220.0	123.11	2887.5
Stddev	6.9	92.	66.0	.03	10.1
%RSD	.20538	.19001	1.0607	.02583	.35018

#1	3363.4	48592.	6173.4	123.13	2880.4
#2	3373.1	48462.	6266.7	123.09	2894.7

Sample Name: J5908-03 Acquired: 11/13/2018 16:30:47 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-2-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02046	-.01410	.15815	-.03291	.00978	204.90	.72937
Stddev	.00014	.00222	.00368	.00406	.00044	1.04	.01304
%RSD	.68684	15.756	2.3244	12.334	4.5251	.51001	1.7874

#1	.02056	-.01567	.16075	-.03578	.00947	204.16	.72015
#2	.02036	-.01253	.15555	-.03004	.01010	205.64	.73859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00783	-.00092	19.331	.22910	.12728	.27770	286.97
Stddev	.00012	.00134	.559	.00214	.00013	.01300	9.98
%RSD	1.5018	145.23	2.8928	.93362	.09854	4.6797	3.4771

#1	.00791	.00002	18.936	.23061	.12737	.28689	279.92
#2	.00775	-.00186	19.726	.22759	.12719	.26851	294.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.904	43.609	.22562	-.00729	7.4617	.35206	.49762
Stddev	.050	.731	.00084	.00092	.1451	.00116	.01705
%RSD	.46051	1.6765	.37144	12.663	1.9443	.33000	3.4263

#1	10.868	43.092	.22621	-.00794	7.3592	.35288	.48556
#2	10.939	44.126	.22503	-.00663	7.5643	.35124	.50967

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6005	.00156	-.00668	.86228	3.3269	.01219	2.6798
Stddev	.1847	.00036	.00229	.00018	.0570	.00121	.0363
%RSD	2.1469	22.989	34.289	.02045	1.7124	9.9183	1.3547

#1	8.4699	.00131	-.00830	.86240	3.2866	.01133	2.6541
#2	8.7310	.00181	-.00506	.86215	3.3672	.01304	2.7054

Sample Name: J5908-03 Acquired: 11/13/2018 16:30:47 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-2-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21109	4.516	-.21110	<.00000	F<.00000
Stddev	.00315	.009	.00982	.86164	.18053
%RSD	1.4913	.1969	4.6518	3.3934	1.7294

#1	.20886	4.522	-.20416	-26.001	-10.567
#2	.21331	4.509	-.21805	-24.782	-10.311

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3127.9	44506.	5739.6	125.12	2917.3
Stddev	28.5	46.	106.1	4.24	8.4
%RSD	.91120	.10422	1.8481	3.3888	.28623

#1	3107.7	44539.	5814.6	128.11	2911.4
#2	3148.0	44473.	5664.6	122.12	2923.2

Sample Name: J5908-07 Acquired: 11/13/2018 16:34:50 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03625	-.01989	1.2050	-.04054	.01338	267.31	.88167
Stddev	.00408	.00095	.0117	.00210	.00169	2.52	.00522
%RSD	11.265	4.7880	.97322	5.1843	12.610	.94401	.59208

#1	.03914	-.02056	1.1967	-.03905	.01218	265.53	.88536
#2	.03337	-.01922	1.2133	-.04202	.01457	269.10	.87798

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00871	.00136	84.131	.26248	.18269	.31849	402.10
Stddev	.00000	.00044	.547	.00283	.00149	.00517	.47
%RSD	.01136	32.463	.64960	1.0768	.81616	1.6246	.11736

#1	.00871	.00105	84.517	.26049	.18164	.31484	402.44
#2	.00871	.00167	83.744	.26448	.18374	.32215	401.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5828	73.661	.31948	-.00868	10.153	.63024	.67731
Stddev	.0173	.411	.00230	.00073	.045	.00479	.00105
%RSD	.31037	.55753	.71876	8.4488	.44657	.76073	.15434

#1	5.5706	73.952	.31786	-.00816	10.185	.62685	.67805
#2	5.5951	73.371	.32111	-.00920	10.121	.63363	.67657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8331	.00475	.06654	3.4077	3.6433	.02123	5.5571
Stddev	.0174	.00018	.00519	.0256	.0401	.00120	.0273
%RSD	.25419	3.7565	7.7933	.75170	1.1013	5.6457	.49166

#1	6.8453	.00463	.07020	3.3896	3.6717	.02038	5.5764
#2	6.8208	.00488	.06287	3.4258	3.6150	.02208	5.5377

Sample Name: J5908-07 Acquired: 11/13/2018 16:34:50 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20813	7.145	-.23185	<.00000	F<.00000
Stddev	.00025	.059	.00110	.53767	1.2016
%RSD	.12043	.8214	.47466	1.5647	3.2249

#1	.20831	7.103	-.23107	-34.744	-36.412
#2	.20795	7.186	-.23263	-33.983	-38.111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.0	45274.	5914.9	120.55	2781.1
Stddev	22.8	241.	51.1	.44	14.8
%RSD	.71801	.53265	.86391	.36154	.53382

#1	3185.1	45445.	5878.8	120.24	2791.6
#2	3152.9	45104.	5951.1	120.86	2770.6

Sample Name: J5908-11 Acquired: 11/13/2018 16:38:53 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01009	-.03288	2.9898	-.03073	.01155	204.51	.60391
Stddev	.00379	.00195	.0057	.00385	.00057	.26	.00247
%RSD	37.578	5.9228	.19053	12.539	4.9452	.12775	.40952

#1	.00741	-.03150	2.9858	-.02801	.01196	204.70	.60566
#2	.01277	-.03426	2.9939	-.03346	.01115	204.33	.60216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00607	.00652	111.36	.25609	.24555	.60369	395.34
Stddev	.00012	.00081	.35	.00089	.00002	.01316	9.32
%RSD	1.9982	12.425	.31443	.34798	.00851	2.1792	2.3586

#1	.00616	.00595	111.61	.25672	.24557	.59439	401.93
#2	.00599	.00709	111.11	.25546	.24554	.61299	388.74

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3975	124.14	.48336	-.00231	16.624	.74671	1.1860
Stddev	.0507	.05	.00111	.00104	.076	.00096	.0238
%RSD	.68497	.04366	.22871	44.752	.45751	.12827	2.0027

#1	7.3617	124.18	.48258	-.00158	16.678	.74603	1.2028
#2	7.4334	124.10	.48415	-.00305	16.570	.74739	1.1692

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3287	.00470	.43193	3.9371	2.9975	.03680	F 15.399
Stddev	.0034	.00039	.01158	.0053	.0224	.00115	.045
%RSD	.05299	8.3811	2.6820	.13368	.74820	3.1238	.29200

#1	6.3263	.00497	.44012	3.9408	3.0134	.03599	15.430
#2	6.3311	.00442	.42374	3.9334	2.9816	.03761	15.367

Sample Name: J5908-11 Acquired: 11/13/2018 16:38:53 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-4-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22320	6.984	-.04957	<.00000	F<.00000
Stddev	.00022	.005	.00913	.68462	2.6050
%RSD	.10014	.0705	18.421	2.1332	7.7124

#1	.22304	6.980	-.05603	-32.578	-35.618
#2	.22335	6.987	-.04311	-31.610	-31.934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.8	46946.	6050.7	117.25	2696.0
Stddev	15.0	7.	1.8	2.63	1.9
%RSD	.45991	.01485	.03018	2.2439	.06942

#1	3274.4	46951.	6049.4	115.39	2694.6
#2	3253.2	46941.	6052.0	119.11	2697.3

Sample Name: J5908-15 Acquired: 11/13/2018 16:42:56 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-5-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	-.01829	.95169	-.02732	.00887	195.30	.77472
Stddev	.00044	.00023	.00598	.00132	.00335	.52	.00440
%RSD	5.7125	1.2776	.62794	4.8304	37.836	.26540	.56853

#1	.00794	-.01813	.95592	-.02638	.00649	194.93	.77161
#2	.00732	-.01846	.94747	-.02825	.01124	195.67	.77784

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00801	.00118	46.771	.18319	.16769	.27075	325.24
Stddev	.00005	.00011	.361	.00192	.00066	.00176	.37
%RSD	.60711	8.9305	.77146	1.0469	.39508	.65174	.11283

#1	.00798	.00110	46.516	.18184	.16815	.26950	325.50
#2	.00805	.00125	47.026	.18455	.16722	.27200	324.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7305	79.386	.31933	-.00409	8.8770	.47276	.66651
Stddev	.0177	.737	.00112	.00004	.0387	.00213	.00561
%RSD	.26297	.92833	.35195	.94370	.43627	.44967	.84135

#1	6.7430	78.864	.31854	-.00406	8.8496	.47126	.67047
#2	6.7180	79.907	.32013	-.00412	8.9044	.47427	.66254

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4475	.00064	.20359	2.0879	3.4127	.01394	5.7585
Stddev	.0210	.00004	.00036	.0136	.0469	.00027	.0351
%RSD	.28193	6.2258	.17650	.64911	1.3752	1.9582	.60956

#1	7.4327	.00067	.20333	2.0975	3.3796	.01414	5.7337
#2	7.4624	.00061	.20384	2.0783	3.4459	.01375	5.7834

Sample Name: J5908-15 Acquired: 11/13/2018 16:42:56 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-5-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23165	5.808	-.18261	<.00000	F<.00000
Stddev	.00143	.001	.00140	.34574	1.3332
%RSD	.61861	.0142	.76729	1.1202	6.8194

#1	.23064	5.808	-.18360	-30.621	-18.607
#2	.23267	5.809	-.18162	-31.110	-20.493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.7	48312.	6180.0	121.59	2843.5
Stddev	4.9	111.	16.5	.92	4.0
%RSD	.14513	.22880	.26771	.75421	.14094

#1	3363.2	48233.	6191.7	120.95	2840.6
#2	3356.3	48390.	6168.3	122.24	2846.3

Sample Name: J5908-19 Acquired: 11/13/2018 16:47:00 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02137	-.01074	.15538	-.02786	.00988	183.77	.71256
Stddev	.00001	.00212	.00391	.00278	.00318	2.60	.00314
%RSD	.03331	19.770	2.5190	9.9723	32.180	1.4150	.44048

#1	.02137	-.01224	.15815	-.02983	.00763	185.61	.71478
#2	.02138	-.00924	.15262	-.02590	.01213	181.93	.71034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00757	-.00115	19.178	.18300	.12035	.23462	251.75
Stddev	.00023	.00048	.082	.00589	.00088	.00603	3.03
%RSD	3.0573	41.279	.42554	3.2204	.72856	2.5691	1.2043

#1	.00773	-.00082	19.236	.18717	.12097	.23888	249.61
#2	.00740	-.00149	19.121	.17884	.11973	.23036	253.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8559	38.501	.19714	-.00622	7.5528	.29914	.44134
Stddev	.0788	.458	.00032	.00139	.0490	.00871	.00496
%RSD	1.1487	1.1885	.16199	22.263	.64859	2.9112	1.1240

#1	6.9116	38.825	.19737	-.00720	7.5875	.30530	.43783
#2	6.8003	38.178	.19692	-.00524	7.5182	.29298	.44484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0103	.00161	.00804	1.3411	3.1179	.01165	2.4451
Stddev	.0550	.00012	.00230	.0001	.0406	.00065	.0146
%RSD	.68669	7.6081	28.625	.01076	1.3013	5.5493	.59692

#1	8.0492	.00169	.00641	1.3412	3.1466	.01211	2.4554
#2	7.9714	.00152	.00967	1.3410	3.0893	.01120	2.4347

Sample Name: J5908-19 Acquired: 11/13/2018 16:47:00 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-8 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16904	3.784	-.13283	<.00000	F<.00000
Stddev	.00083	.013	.00423	.69578	.70184
%RSD	.49172	.3317	3.1881	3.0245	9.0681

#1	.16963	3.793	-.12984	-23.497	-8.2359
#2	.16845	3.775	-.13582	-22.513	-7.2433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.6	45385.	5813.4	123.46	2948.0
Stddev	20.9	847.	48.2	1.32	15.0
%RSD	.65078	1.8661	.82870	1.0657	.50912

#1	3198.8	44786.	5779.3	124.39	2937.4
#2	3228.4	45984.	5847.4	122.53	2958.6

Sample Name: J5908-23 Acquired: 11/13/2018 16:51:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-7-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04764	-.01549	.37253	-.00260	.01027	259.93	1.4476
Stddev	.00151	.00088	.00687	.00299	.00015	1.16	.0011
%RSD	3.1777	5.6780	1.8446	114.98	1.4179	.44799	.07373

#1	.04871	-.01486	.37739	-.00471	.01037	260.75	1.4469
#2	.04657	-.01611	.36767	-.00049	.01016	259.11	1.4484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01278	-.00005	29.397	.20778	.17306	.02493	400.02
Stddev	.00009	.00142	.111	.00297	.00211	.00731	7.00
%RSD	.69663	2716.7	.37705	1.4307	1.2167	29.328	1.7504

#1	.01284	.00095	29.318	.20988	.17455	.03010	395.07
#2	.01271	-.00105	29.475	.20567	.17157	.01976	404.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.038	46.679	.29906	.00619	5.7529	.40069	.98035
Stddev	.042	.257	.00137	.00109	.0117	.00131	.01424
%RSD	.42065	.55058	.45849	17.670	.20408	.32653	1.4523

#1	10.068	46.497	.30003	.00542	5.7446	.40162	.97028
#2	10.008	46.861	.29809	.00696	5.7612	.39977	.99042

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3683	.00356	.13685	4.7871	5.4638	.03140	2.0799
Stddev	.0030	.00005	.00724	.0529	.0083	.00141	.0001
%RSD	.04033	1.3492	5.2897	1.1046	.15171	4.4979	.00700

#1	7.3662	.00353	.13173	4.8244	5.4579	.03239	2.0798
#2	7.3704	.00360	.14197	4.7497	5.4696	.03040	2.0800

Sample Name: J5908-23 Acquired: 11/13/2018 16:51:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-7-S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17975	F 12.36	-.29155	<.00000	F<.00000
Stddev	.00056	.10	.00813	.70064	.98987
%RSD	.30888	.7898	2.7893	1.7462	2.8023

#1	.18014	12.43	-.28580	-40.618	-34.623
#2	.17935	12.30	-.29730	-39.627	-36.023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4012.0	57503.	7443.0	117.63	2812.9
Stddev	11.9	356.	4.9	1.80	24.4
%RSD	.29594	.61962	.06567	1.5309	.86792

#1	4003.6	57251.	7446.5	118.90	2795.6
#2	4020.4	57755.	7439.6	116.36	2830.1

Sample Name: PB114770BS Acquired: 11/13/2018 16:59:30 Type: Unk
Method: P4-ICP2(v2577) 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	.76279	1.8587	.97625	1.8912	.79749	1.8969	.19997
Stddev	.00333	.0031	.00156	.0151	.00533	.0093	.00277
%RSD	.43666	.16773	.15978	.79923	.66779	.49074	1.3870

#1	.76515	1.8565	.97514	1.8805	.79372	1.8903	.20193
#2	.76044	1.8609	.97735	1.9019	.80125	1.9035	.19801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19432	.18549	1.0117	.36923	.19279	.30350	2.5805
Stddev	.00078	.00033	.0011	.00125	.00073	.00030	.0418
%RSD	.40288	.17546	.10717	.33792	.37623	.10016	1.6212

#1	.19488	.18526	1.0110	.37011	.19228	.30372	2.6101
#2	.19377	.18572	1.0125	.36834	.19330	.30329	2.5509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20732	1.8719	.45972	.06701	2.6791	.27003	.18394
Stddev	.00069	.0189	.00116	.00053	.0381	.00086	.00293
%RSD	.33317	1.0076	.25271	.78894	1.4206	.31665	1.5925

#1	.20781	1.8853	.45890	.06664	2.7061	.27064	.18601
#2	.20683	1.8586	.46054	.06739	2.6522	.26943	.18187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5007	.38470	.26850	F -.04021	.90526	.60026	.19480
Stddev	.0587	.00180	.00139	.00039	.01397	.00071	.00281
%RSD	.61812	.46671	.51666	.96849	1.5431	.11885	1.4436

#1	9.5423	.38343	.26948	-.04049	.91513	.59976	.19679
#2	9.4592	.38597	.26751	-.03994	.89538	.60077	.19282

Sample Name: PB114770BS Acquired: 11/13/2018 16:59:30 Type: Unk
Method: P4-ICP2(v2577) 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	.19398	5.086	.19063	F<.00000	F<.00000
Stddev	.00476	.028	.00257	.11907	.17367
%RSD	2.4528	.5400	1.3472	11.965	174.19

#1	.19735	5.066	.19245	-1.0793	.02310
#2	.19062	5.105	.18882	-.91095	-.22251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.2	43317.	5121.6	132.43	3358.1
Stddev	4.6	130.	76.7	2.71	10.7
%RSD	.15064	.29987	1.4966	2.0482	.31759

#1	3017.9	43226.	5067.4	130.51	3350.5
#2	3024.4	43409.	5175.8	134.35	3365.6

Sample Name: CCV06 Acquired: 11/13/2018 17:03:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14181 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1502	4.8565	5.2176	4.9952	5.3020	10.189	10.201	.25589
Stddev	.0194	.0042	.0016	.0050	.0005	.005	.164	.00085
%RSD	.37624	.08617	.02993	.09999	.00958	.04678	1.6125	.33402
#1	5.1639	4.8594	5.2187	4.9987	5.3016	10.192	10.317	.25529
#2	5.1365	4.8535	5.2165	4.9916	5.3024	10.186	10.084	.25649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5004	25.572	.95085	2.5623	1.2642	4.6046	2.5895	24.007
Stddev	.0029	.429	.00253	.0027	.0039	.0957	.0066	.296
%RSD	.11508	1.6768	.26582	.10718	.31175	2.0774	.25676	1.2347
#1	2.5025	25.875	.94907	2.5642	1.2670	4.6723	2.5848	24.217
#2	2.4984	25.269	.95264	2.5603	1.2614	4.5370	2.5942	23.797
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4297	1.2077	23.794	2.3413	2.4046	25.255	4.8377	4.7126
Stddev	.0025	.0013	.384	.0054	.0546	.370	.0064	.0332
%RSD	.10432	.11117	1.6118	.23033	2.2716	1.4652	.13147	.70374
#1	2.4315	1.2068	24.065	2.3374	2.4432	25.516	4.8422	4.7360
#2	2.4280	1.2087	23.523	2.3451	2.3660	24.993	4.8332	4.6891
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5350	5.0205	4.5843	4.9798	4.9571	4.834	4.9602	F 1.7292
Stddev	.0079	.0833	.0052	.0663	.0854	.018	.1119	.3603
%RSD	.17513	1.6589	.11439	1.3318	1.7223	.3734	2.2550	20.838
#1	4.5406	5.0794	4.5806	5.0267	5.0174	4.847	5.0393	1.9840
#2	4.5294	4.9616	4.5880	4.9329	4.8967	4.822	4.8811	1.4744

Sample Name: CCV06 Acquired: 11/13/2018 17:03:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14181 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7505
Stddev	.0732
%RSD	2.6610

#1	2.8022
#2	2.6987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.3	41421.	5065.4	123.44	3004.5
Stddev	5.7	99.	81.4	2.85	7.7
%RSD	.19775	.24016	1.6074	2.3053	.25637

#1	2875.3	41491.	5007.8	121.43	2999.0
#2	2883.4	41351.	5123.0	125.45	3009.9

Sample Name: CCB06 Acquired: 11/13/2018 17:07:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14181 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.00042	.00001	-.00026	.00095	.00411	-.00041
Stddev	.00173	.00006	.00114	.00105	.00118	.00159	.00012
%RSD	608.86	15.508	13778.	401.42	124.30	38.729	30.099

#1	.00094	.00046	.00082	-.00100	.00178	.00523	-.00050
#2	-.00151	.00037	-.00080	.00048	.00011	.00298	-.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00003	.00764	-.00008	-.00000	.00002	-.00606
Stddev	.00004	.00004	.01142	.00005	.00006	.00016	.00398
%RSD	178.13	132.14	149.33	65.862	2536.6	980.64	65.713

#1	.00001	.00006	.01572	-.00012	.00004	.00013	-.00888
#2	-.00005	.00000	-.00043	-.00004	-.00005	-.00010	-.00324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.01824	.00156	.00008	-.08670	-.00021	.00083
Stddev	.00004	.00298	.00052	.00029	.00172	.00027	.00016
%RSD	27.929	16.316	33.336	381.74	1.9833	126.71	18.679

#1	-.00012	-.02035	.00119	-.00013	-.08548	-.00040	.00072
#2	-.00018	-.01614	.00193	.00028	-.08791	-.00002	.00094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02580	.00021	-.00376	F -.03943	-.00420	-.00066	.00123
Stddev	.02639	.00019	.00017	.00092	.00209	.00099	.00071
%RSD	102.28	91.143	4.5457	2.3441	49.799	150.23	57.212

#1	.04446	.00035	-.00389	-.04008	-.00272	.00004	.00074
#2	.00714	.00008	-.00364	-.03877	-.00568	-.00136	.00173

Sample Name: CCB06 Acquired: 11/13/2018 17:07:11 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14181 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00168	.0007	.00006	F<.00000	F 1.0765
Stddev	.00084	.0011	.00008	.06366	.0527
%RSD	49.664	161.6	129.13	5.5142	4.8930

#1	.00109	.0015	.00012	-1.1095	1.0393
#2	.00227	-.0001	.00001	-1.1996	1.1138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3069.0	44135.	5160.6	132.14	3465.5
Stddev	10.6	78.	4.7	2.89	14.6
%RSD	.34609	.17749	.09087	2.1850	.42095

#1	3061.5	44080.	5157.3	134.18	3455.2
#2	3076.5	44191.	5163.9	130.10	3475.8

Sample Name: J5908-27 Acquired: 11/13/2018 17:11:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-6-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03671	-.01684	.35583	-.01024	.00913	228.03	1.4207
Stddev	.00150	.00085	.00186	.00440	.00054	.35	.0088
%RSD	4.0980	5.0255	.52280	43.022	5.8625	.15399	.61949

#1	.03778	-.01744	.35452	-.00712	.00875	228.28	1.4269
#2	.03565	-.01624	.35715	-.01335	.00950	227.78	1.4145

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01066	.00122	39.402	.19090	.16114	.20195	329.79
Stddev	.00004	.00062	.270	.00330	.00047	.00543	5.49
%RSD	.39906	50.502	.68511	1.7312	.29137	2.6896	1.6634

#1	.01069	.00078	39.593	.19324	.16147	.19811	333.67
#2	.01063	.00166	39.211	.18857	.16080	.20579	325.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6590	52.486	.29871	.00064	6.8914	.38517	.84793
Stddev	.0855	.360	.00187	.00003	.0419	.00404	.01614
%RSD	.98712	.68645	.62750	4.4715	.60810	1.0486	1.9039

#1	8.7195	52.740	.30003	.00066	6.9210	.38802	.85934
#2	8.5986	52.231	.29738	.00062	6.8617	.38231	.83651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4175	.00295	.08104	3.6988	4.7101	.02750	2.5849
Stddev	.0689	.00017	.00425	.0132	.1174	.00104	.0204
%RSD	1.0730	5.7788	5.2465	.35675	2.4929	3.7986	.78977

#1	6.4662	.00283	.08405	3.7082	4.7932	.02824	2.5993
#2	6.3688	.00307	.07804	3.6895	4.6271	.02676	2.5704

Sample Name: J5908-27 Acquired: 11/13/2018 17:11:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-6-S Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15803	9.692	-.14986	<.00000	F<.00000
Stddev	.00041	.046	.00444	.74961	.55998
%RSD	.26115	.4763	2.9654	2.1583	2.4005

#1	.15832	9.725	-.15301	-35.262	-23.723
#2	.15773	9.660	-.14672	-34.202	-22.931

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.8	55148.	7123.0	124.00	2865.3
Stddev	.1	170.	61.4	2.26	12.7
%RSD	.00224	.30746	.86269	1.8239	.44166

#1	3833.8	55028.	7079.5	122.40	2856.4
#2	3833.7	55268.	7166.4	125.60	2874.3

Sample Name: J5909-03 Acquired: 11/13/2018 17:15:17 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-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	.02752	-.00603	.33905	-.01102	.00538	122.97	.82797	.00726
Stddev	.00055	.00043	.00264	.00142	.00259	.11	.00209	.00006
%RSD	1.9988	7.0944	.77946	12.845	48.027	.09269	.25249	.77514

#1	.02791	-.00572	.33718	-.01202	.00721	122.89	.82944	.00722
#2	.02713	-.00633	.34092	-.01002	.00356	123.05	.82649	.00730

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	29.966	.12551	.07081	.10210	155.55	1.5751	25.927
Stddev	.00001	.029	.00192	.00037	.00248	.92	.0138	.062
%RSD	18.030	.09710	1.5277	.52947	2.4314	.58984	.87280	.24085

#1	.00003	29.987	.12415	.07054	.10034	154.90	1.5653	25.971
#2	.00002	29.946	.12686	.07107	.10385	156.20	1.5848	25.883

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14507	-.00284	9.8398	.18720	.73303	6.5477	.00193	.01349
Stddev	.00104	.00033	.0269	.00229	.01091	.0370	.00003	.00386
%RSD	.71902	11.760	.27342	1.2257	1.4877	.56534	1.5950	28.600

#1	.14433	-.00260	9.8588	.18557	.72532	6.5739	.00195	.01076
#2	.14581	-.00307	9.8208	.18882	.74074	6.5216	.00190	.01622

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0519	4.7434	.02004	1.2000	.15574	5.996	.03629	<.00000
Stddev	.0292	.0751	.00014	.0156	.00079	.034	.00212	.75988
%RSD	.57849	1.5838	.71015	1.3034	.50656	.5579	5.8359	4.6499

#1	5.0312	4.6903	.02014	1.2111	.15630	5.972	.03779	-16.879
#2	5.0725	4.7966	.01994	1.1889	.15519	6.020	.03479	-15.805

Sample Name: J5909-03 Acquired: 11/13/2018 17:15:17 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.3290
Stddev .5887
%RSD 9.3013

#1 6.7453
#2 5.9127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3416.1	48695.	6182.0	126.67	3069.9
Stddev	30.2	184.	20.9	1.51	19.0
%RSD	.88434	.37716	.33792	1.1917	.61758

#1	3437.4	48825.	6196.8	127.74	3083.3
#2	3394.7	48565.	6167.3	125.61	3056.5

Sample Name: J5909-07 Acquired: 11/13/2018 17:19:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-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	.01730	-.00627	.06816	-.01341	.00307	85.985	1.2751	.00559
Stddev	.00290	.00140	.00021	.00235	.00100	.665	.0021	.00006
%RSD	16.785	22.390	.30990	17.539	32.486	.77298	.16246	1.0430

#1	.01525	-.00528	.06830	-.01175	.00237	86.455	1.2766	.00563
#2	.01936	-.00726	.06801	-.01508	.00378	85.515	1.2736	.00554

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	50.911	.13181	.06283	.03222	136.93	3.1792	19.572
Stddev	.00036	.024	.00128	.00008	.00329	4.14	.0244	.124
%RSD	37.627	.04656	.97036	.12157	10.218	3.0244	.76601	.63427

#1	-.00121	50.894	.13272	.06278	.02989	139.86	3.1964	19.659
#2	-.00070	50.928	.13091	.06288	.03455	134.00	3.1619	19.484

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10560	-.00305	7.0735	.20504	.31881	4.9864	.00035	-.00837
Stddev	.00110	.00033	.0094	.00112	.00962	.0682	.00028	.00841
%RSD	1.0460	10.785	.13215	.54588	3.0175	1.3672	80.471	100.50

#1	.10482	-.00282	7.0801	.20583	.32561	5.0346	.00015	-.00242
#2	.10638	-.00329	7.0668	.20424	.31201	4.9382	.00055	-.01431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2983	5.0211	.00500	.87365	.16050	3.613	-.02309	<.00000
Stddev	.0127	.0243	.00020	.00227	.00109	.019	.00439	.46597
%RSD	.55141	.48293	4.0652	.25937	.67825	.5339	19.017	3.4242

#1	2.2893	5.0383	.00486	.87525	.15973	3.599	-.02620	-13.278
#2	2.3072	5.0040	.00515	.87205	.16127	3.626	-.01999	-13.937

Sample Name: J5909-07 Acquired: 11/13/2018 17:19:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4178
Stddev .9580
%RSD 12.915

#1 8.0952
#2 6.7404

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.4	47885.	6019.6	126.55	3083.9
Stddev	3.1	356.	13.5	4.06	.6
%RSD	.09265	.74405	.22428	3.2071	.01793

#1	3328.6	47633.	6010.1	123.68	3083.5
#2	3324.2	48137.	6029.2	129.42	3084.3

Sample Name: J5909-11 Acquired: 11/13/2018 17:23:10 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01495	-.00844	.10364	-.02505	.00739	178.14	.47201
Stddev	.00069	.00099	.00076	.00006	.00179	.98	.00296
%RSD	4.6422	11.764	.72936	.23361	24.198	.55225	.62790

#1	.01544	-.00914	.10418	-.02509	.00612	178.83	.47410
#2	.01445	-.00774	.10311	-.02501	.00865	177.44	.46991

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	-.00200	10.998	.26980	.10177	.05772	250.01
Stddev	.00012	.00029	.016	.00089	.00050	.00180	2.85
%RSD	1.6302	14.431	.14567	.33151	.49304	3.1147	1.1403

#1	.00740	-.00179	10.987	.26917	.10212	.05899	247.99
#2	.00757	-.00220	11.010	.27044	.10141	.05645	252.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9791	44.246	.25274	-.00480	7.6710	.30447	.53694
Stddev	.0040	.228	.00035	.00011	.0537	.00219	.00944
%RSD	.20024	.51556	.13866	2.2375	.69978	.71827	1.7577

#1	1.9819	44.407	.25249	-.00488	7.7090	.30293	.53027
#2	1.9763	44.084	.25298	-.00473	7.6331	.30602	.54362

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.221	.00370	.02164	1.9464	4.7436	.01019	1.9812
Stddev	.102	.00004	.00332	.0098	.0311	.00133	.0078
%RSD	.71569	.98275	15.351	.50556	.65455	13.046	.39629

#1	14.293	.00373	.01929	1.9534	4.7656	.00925	1.9867
#2	14.149	.00368	.02399	1.9394	4.7216	.01113	1.9756

Sample Name: J5909-11 Acquired: 11/13/2018 17:23:10 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-17-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25222	3.725	-.18229	<.00000	F<.00000
Stddev	.00017	.013	.00317	.45343	1.2886
%RSD	.06665	.3602	1.7387	1.8828	17.666

#1	.25210	3.734	-.18005	-23.762	-6.3831
#2	.25234	3.715	-.18453	-24.403	-8.2054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.2	48135.	6087.0	121.86	2980.8
Stddev	5.0	155.	.7	1.93	12.3
%RSD	.14764	.32299	.01195	1.5874	.41227

#1	3376.8	48025.	6086.5	123.23	2972.1
#2	3369.7	48245.	6087.5	120.50	2989.4

Sample Name: J5909-11DUP Acquired: 11/13/2018 17:27:08 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01247	-.00934	.10143	-.02805	.00891	175.50	.46496
Stddev	.00339	.00227	.00013	.00183	.00069	1.21	.00314
%RSD	27.210	24.348	.13244	6.5102	7.7255	.68873	.67504

#1	.01007	-.01095	.10134	-.02676	.00843	176.35	.46718
#2	.01487	-.00773	.10153	-.02934	.00940	174.64	.46275

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00737	-.00114	10.762	.26161	.09965	.06363	240.00
Stddev	.00007	.00034	.003	.00230	.00025	.00312	4.48
%RSD	.92386	29.606	.03168	.87853	.24866	4.8996	1.8652

#1	.00741	-.00090	10.764	.26324	.09948	.06584	236.84
#2	.00732	-.00138	10.759	.25999	.09983	.06143	243.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9197	43.663	.24591	-.00494	7.5712	.30279	.51246
Stddev	.0121	.240	.00034	.00096	.0362	.00358	.01164
%RSD	.62920	.54914	.14027	19.446	.47780	1.1810	2.2706

#1	1.9283	43.832	.24567	-.00562	7.5968	.30532	.50423
#2	1.9112	43.493	.24616	-.00426	7.5457	.30026	.52069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.003	.00391	.01386	1.9331	4.6296	.00954	1.9603
Stddev	.018	.00009	.00564	.0011	.0273	.00096	.0071
%RSD	.13081	2.3142	40.660	.05540	.58962	10.096	.36175

#1	14.015	.00385	.00988	1.9339	4.6103	.01022	1.9653
#2	13.990	.00398	.01785	1.9324	4.6489	.00886	1.9553

Sample Name: J5909-11DUP Acquired: 11/13/2018 17:27:08 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25029	3.693	-.17276	<.00000	F<.00000
Stddev	.00064	.021	.00549	.66033	1.0689
%RSD	.25757	.5671	3.1792	2.6964	13.906

#1	.25074	3.679	-.16887	-24.956	-8.4420
#2	.24983	3.708	-.17664	-24.023	-6.9304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.9	48650.	6136.0	126.56	2997.9
Stddev	1.8	296.	3.9	2.48	20.1
%RSD	.05201	.60795	.06294	1.9617	.67070

#1	3381.2	48441.	6133.3	128.32	3012.1
#2	3378.7	48859.	6138.7	124.81	2983.7

Sample Name: J5909-11LX5 Acquired: 11/13/2018 17:31:05 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114762BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00434	-.00166	.02184	-.01001	.00182	39.105	.10832	.00163
Stddev	.00169	.00070	.00017	.00229	.00038	.062	.00015	.00008
%RSD	39.019	41.950	.78878	22.889	20.635	.15954	.13616	4.8565
#1	.00314	-.00215	.02196	-.01163	.00155	39.149	.10843	.00168
#2	.00553	-.00117	.02172	-.00839	.00208	39.061	.10822	.00157
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	2.5965	.06128	.02011	.02206	48.934	.46038	10.341
Stddev	.00003	.0086	.00006	.00016	.00054	.375	.00092	.014
%RSD	4.4529	.33114	.09745	.82027	2.4324	.76552	.20071	.13852
#1	-.00066	2.5904	.06124	.02022	.02244	48.669	.46104	10.331
#2	-.00071	2.6025	.06132	.01999	.02168	49.199	.45973	10.351
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04999	-.00255	1.6747	.06882	.10845	3.1393	.00068	-.01602
Stddev	.00022	.00007	.0003	.00033	.00117	.0264	.00004	.00445
%RSD	.44748	2.6827	.01845	.48373	1.0833	.84168	6.1065	27.796
#1	.04983	-.00250	1.6745	.06906	.10762	3.1580	.00066	-.01287
#2	.05014	-.00260	1.6749	.06859	.10928	3.1206	.00071	-.01917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34271	1.1477	.00075	.45785	.05778	.7194	-.03238	<.00000
Stddev	.00581	.0148	.00039	.00293	.00132	.0017	.00030	.87037
%RSD	1.6954	1.2916	51.808	.63887	2.2807	.2328	.92127	16.637
#1	.34682	1.1582	.00103	.45991	.05871	.7206	-.03217	-4.6160
#2	.33860	1.1372	.00048	.45578	.05685	.7183	-.03259	-5.8469

Sample Name: J5909-11LX5 Acquired: 11/13/2018 17:31:05 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114762BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.5530
 Stddev .7762
 %RSD 13.978

#1 5.0041
 #2 6.1019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.5	44714.	5390.4	129.13	3276.5
Stddev	1.5	10.	6.4	1.18	3.9
%RSD	.04648	.02337	.11866	.91471	.12021

#1	3121.5	44721.	5385.9	129.96	3273.7
#2	3123.5	44706.	5394.9	128.29	3279.3

Sample Name: J5909-11MS Acquired: 11/13/2018 17:35:06 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65991	1.7836	1.0752	1.4568	.13254	198.32	.65373
Stddev	.00667	.0055	.0061	.0042	.00152	.62	.01294
%RSD	1.0113	.30661	.56790	.28802	1.1461	.31204	1.9793

#1	.66463	1.7875	1.0795	1.4538	.13362	197.88	.64458
#2	.65519	1.7798	1.0709	1.4598	.13147	198.75	.66288

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17798	.18787	10.532	.57732	.30240	.31300	244.37
Stddev	.00021	.00138	.187	.00005	.00057	.00611	6.76
%RSD	.11814	.73565	1.7708	.00897	.18887	1.9517	2.7650

#1	.17783	.18885	10.400	.57736	.30281	.31732	239.59
#2	.17813	.18689	10.664	.57729	.30200	.30868	249.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9298	48.934	.72097	.05384	10.423	.53476	.74620
Stddev	.0064	.938	.00160	.00099	.199	.00117	.01445
%RSD	.32999	1.9167	.22128	1.8306	1.9137	.21795	1.9363

#1	1.9253	48.271	.72209	.05315	10.282	.53393	.73598
#2	1.9343	49.597	.71984	.05454	10.564	.53558	.75642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.463	.28855	.20886	1.9398	5.2897	.58156	2.2029
Stddev	.429	.00092	.00409	.0055	.1499	.00044	.0314
%RSD	1.7555	.31757	1.9570	.28298	2.8329	.07605	1.4243

#1	24.159	.28920	.20597	1.9437	5.1838	.58125	2.1807
#2	24.766	.28791	.21175	1.9359	5.3957	.58187	2.2251

Sample Name: J5909-11MS Acquired: 11/13/2018 17:35:06 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.44554	9.355	-.01177	<.00000	F<.00000
Stddev	.00749	.018	.00271	.65341	.30277
%RSD	1.6805	.1919	23.035	2.7392	3.2209

#1	.44024	9.367	-.00985	-24.316	-9.1860
#2	.45083	9.342	-.01368	-23.392	-9.6141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.9	48326.	6022.0	120.95	2962.2
Stddev	4.2	112.	94.8	2.63	.3
%RSD	.12406	.23207	1.5743	2.1769	.00906

#1	3379.9	48247.	6089.0	122.81	2962.0
#2	3374.0	48406.	5955.0	119.08	2962.4

Sample Name: J5909-11MSD Acquired: 11/13/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66421	1.7828	1.0751	1.4507	.13146	196.51	.64894
Stddev	.00386	.0036	.0002	.0018	.00218	.24	.00293
%RSD	.58178	.20029	.01460	.12138	1.6549	.12356	.45085

#1	.66147	1.7803	1.0750	1.4520	.12993	196.69	.64687
#2	.66694	1.7853	1.0752	1.4495	.13300	196.34	.65100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17803	.18818	10.440	.57579	.30222	.31419	244.23
Stddev	.00059	.00028	.078	.00036	.00123	.00204	4.27
%RSD	.33295	.15131	.74693	.06170	.40570	.65087	1.7464

#1	.17761	.18838	10.384	.57554	.30136	.31564	241.21
#2	.17845	.18798	10.495	.57604	.30309	.31275	247.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9350	48.571	.72250	.05427	10.306	.53652	.75111
Stddev	.0025	.224	.00054	.00130	.041	.00156	.01109
%RSD	.12702	.46195	.07539	2.4040	.40126	.29129	1.4771

#1	1.9333	48.412	.72211	.05335	10.277	.53542	.74327
#2	1.9367	48.730	.72288	.05519	10.335	.53763	.75896

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.300	.28869	.20291	1.9310	5.3045	.58026	2.1718
Stddev	.119	.00014	.00037	.0004	.0559	.00022	.0007
%RSD	.48775	.05005	.18045	.02104	1.0533	.03874	.03209

#1	24.216	.28859	.20265	1.9307	5.2650	.58042	2.1723
#2	24.384	.28880	.20317	1.9313	5.3440	.58010	2.1713

Sample Name: J5909-11MSD Acquired: 11/13/2018 17:38:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-SMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43976	9.348	-.01386	<.00000	F<.00000
Stddev	.00291	.015	.00420	.86903	.52239
%RSD	.66088	.1568	30.272	3.6270	5.1100

#1	.43770	9.337	-.01089	-23.346	-10.592
#2	.44181	9.358	-.01683	-24.575	-9.8534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3377.1	48402.	6022.5	120.22	2963.4
Stddev	3.6	82.	36.2	1.70	2.6
%RSD	.10658	.17011	.60041	1.4172	.08939

#1	3379.7	48344.	6048.0	121.43	2965.3
#2	3374.6	48460.	5996.9	119.02	2961.6

Sample Name: J5909-11A Acquired: 11/13/2018 17:42:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB114762BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66524	1.7838	1.0807	1.4539	.12948	195.63	.64354
Stddev	.00546	.0141	.0137	.0070	.00181	.88	.00868
%RSD	.82032	.78807	1.2671	.48165	1.3941	.45013	1.3488

#1	.66138	1.7739	1.0710	1.4489	.12821	196.25	.63741
#2	.66910	1.7937	1.0904	1.4588	.13076	195.00	.64968

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17705	.18931	10.343	.57385	.30204	.32119	235.52
Stddev	.00123	.00075	.177	.00506	.00252	.00365	9.30
%RSD	.69593	.39831	1.7134	.88091	.83551	1.1368	3.9479

#1	.17793	.18877	10.218	.57742	.30026	.32378	228.94
#2	.17618	.18984	10.469	.57028	.30383	.31861	242.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9241	48.255	.72280	.05278	10.244	.53191	.72405
Stddev	.0195	.615	.00800	.00185	.165	.00644	.02817
%RSD	1.0151	1.2752	1.1065	3.4962	1.6065	1.2113	3.8908

#1	1.9380	47.820	.71715	.05148	10.127	.53646	.70413
#2	1.9103	48.690	.72846	.05409	10.360	.52735	.74397

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.128	.28880	.19830	1.9227	5.1992	.58262	2.1571
Stddev	.310	.00281	.01144	.0152	.0245	.00694	.0342
%RSD	1.2851	.97326	5.7669	.78876	.47097	1.1917	1.5869

#1	23.909	.28681	.19022	1.9119	5.2165	.57771	2.1329
#2	24.347	.29079	.20639	1.9334	5.1819	.58753	2.1813

Sample Name: J5909-11A Acquired: 11/13/2018 17:42:51 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB114762BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43696	9.346	-.00611	<.00000	F<.00000
Stddev	.00776	.073	.00715	1.1808	1.9028
%RSD	1.7763	.7778	117.08	4.9302	19.355

#1	.43148	9.295	-.00105	-23.115	-8.4856
#2	.44245	9.398	-.01117	-24.785	-11.177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.6	48630.	6078.7	124.94	2965.9
Stddev	17.2	394.	72.7	4.70	21.6
%RSD	.50951	.81010	1.1954	3.7583	.72924

#1	3390.7	48352.	6130.1	128.26	2981.2
#2	3366.4	48909.	6027.4	121.62	2950.6

Sample Name: J5910-03 Acquired: 11/13/2018 17:46:43 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-4-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01194	-.01234	.10366	-.02442	.00548	164.43	.56388
Stddev	.00041	.00102	.00185	.00105	.00240	.08	.00019
%RSD	3.4481	8.2302	1.7874	4.3062	43.731	.04829	.03413

#1	.01165	-.01306	.10497	-.02516	.00378	164.37	.56374
#2	.01223	-.01162	.10235	-.02367	.00717	164.48	.56402

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00762	-.00040	29.150	.23775	.13610	.15272	233.13
Stddev	.00001	.00014	.137	.00056	.00072	.00279	2.35
%RSD	.17759	33.577	.46923	.23645	.52938	1.8275	1.0089

#1	.00761	-.00031	29.247	.23815	.13559	.15469	231.47
#2	.00763	-.00050	29.053	.23736	.13661	.15075	234.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7884	47.910	.21022	-.00522	9.9857	.33712	.39917
Stddev	.0144	.105	.00074	.00012	.0155	.00044	.00098
%RSD	.37947	.21883	.35221	2.2929	.15560	.12938	.24609

#1	3.7986	47.836	.20969	-.00514	9.9747	.33743	.39847
#2	3.7782	47.985	.21074	-.00531	9.9967	.33681	.39986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5093	.00011	.01703	.73364	7.1153	.01088	3.7125
Stddev	.0312	.00037	.00807	.00333	.0744	.00094	.0023
%RSD	.47866	330.70	47.367	.45372	1.0451	8.6453	.06117

#1	6.5313	-.00015	.01133	.73129	7.0627	.01154	3.7109
#2	6.4873	.00037	.02274	.73599	7.1679	.01021	3.7142

Sample Name: J5910-03 Acquired: 11/13/2018 17:46:43 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-4-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14000	5.195	-.09949	<.00000	F<.00000
Stddev	.00052	.032	.00256	.07268	.04039
%RSD	.37294	.6204	2.5721	.34362	.59670

#1	.13963	5.172	-.09768	-21.203	-6.7404
#2	.14037	5.218	-.10130	-21.100	-6.7975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.4	47121.	5956.6	125.80	2978.6
Stddev	4.9	109.	21.4	.39	4.2
%RSD	.14783	.23153	.35906	.30894	.14240

#1	3302.8	47044.	5941.4	126.07	2981.6
#2	3295.9	47198.	5971.7	125.52	2975.6

Sample Name: CCV07 Acquired: 11/13/2018 18:06:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1776	4.8474	5.2339	4.9737	5.2993	10.132	10.222	.25574
Stddev	.0118	.0115	.0140	.0126	.0094	.133	.071	.00405
%RSD	.22736	.23799	.26721	.25225	.17742	1.3091	.69065	1.5833
#1	5.1859	4.8555	5.2438	4.9826	5.3059	10.039	10.173	.25288
#2	5.1693	4.8392	5.2240	4.9648	5.2926	10.226	10.272	.25860
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5047	25.767	.94497	2.5685	1.2639	4.5069	2.5903	24.134
Stddev	.0070	.407	.01633	.0083	.0025	.0165	.0386	.217
%RSD	.27790	1.5797	1.7286	.32471	.19791	.36590	1.4899	.90114
#1	2.5097	25.479	.93342	2.5744	1.2657	4.4953	2.5630	23.981
#2	2.4998	26.055	.95652	2.5626	1.2622	4.5186	2.6176	24.288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4221	1.2057	23.740	2.3317	2.4068	25.427	4.8220	4.7215
Stddev	.0074	.0158	.230	.0329	.0245	.279	.0116	.0089
%RSD	.30435	1.3079	.96999	1.4092	1.0176	1.0965	.24047	.18793
#1	2.4273	1.1945	23.578	2.3085	2.3895	25.230	4.8302	4.7153
#2	2.4169	1.2168	23.903	2.3550	2.4241	25.625	4.8138	4.7278
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5090	5.1007	4.5672	5.0133	4.9411	4.832	4.9610	F 1.1804
Stddev	.0123	.1132	.0141	.0016	.0489	.024	.0888	.3565
%RSD	.27239	2.2193	.30860	.03270	.98993	.4972	1.7906	30.202
#1	4.5177	5.0207	4.5772	5.0144	4.9066	4.849	4.8982	.92835
#2	4.5003	5.1808	4.5573	5.0121	4.9757	4.815	5.0238	1.4325

Sample Name: CCV07 Acquired: 11/13/2018 18:06:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8489
Stddev .2466
%RSD 8.6567

#1 3.0233
#2 2.6745

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.1	42197.	5094.6	125.69	3061.9
Stddev	9.7	437.	64.3	1.21	9.9
%RSD	.33281	1.0367	1.2615	.96517	.32217

#1	2919.3	42507.	5140.1	126.55	3055.0
#2	2933.0	41888.	5049.2	124.83	3068.9

Sample Name: CCB07 Acquired: 11/13/2018 18:10:12 Type: Unk
Method: P4-ICP2(v2577) 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	.00240	.00059	.00006	-.00090	.00130	.01150	-.00096
Stddev	.00116	.00072	.00019	.00160	.00116	.00469	.00049
%RSD	48.526	123.39	328.46	177.30	89.631	40.761	50.508

#1	.00158	.00007	.00019	.00023	.00212	.01482	-.00062
#2	.00322	.00110	-.00008	-.00203	.00048	.00819	-.00131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00110	-.00001	-.00000	-.00005	-.00055
Stddev	.00000	.00004	.00103	.00001	.00003	.00016	.00105
%RSD	10.630	82.626	93.653	68.283	2311.6	305.29	192.39

#1	.00002	.00007	.00182	-.00001	.00002	-.00016	.00020
#2	.00002	.00002	.00037	-.00002	-.00002	.00006	-.00129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.03340	.00160	.00008	-.08464	-.00030	.00026
Stddev	.00007	.01599	.00015	.00093	.00589	.00020	.00012
%RSD	35.958	47.858	9.5034	1180.3	6.9594	65.524	44.657

#1	-.00025	-.04470	.00150	.00074	-.08880	-.00016	.00018
#2	-.00015	-.02210	.00171	-.00058	-.08047	-.00044	.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05206	.00040	-.00474	F -.04242	-.00399	-.00041	-.00014
Stddev	.00701	.00022	.00429	.00059	.00070	.00053	.00054
%RSD	13.463	55.020	90.581	1.3981	17.627	129.66	383.90

#1	.04710	.00056	-.00778	-.04200	-.00448	-.00003	.00024
#2	.05701	.00024	-.00170	-.04284	-.00349	-.00078	-.00053

Sample Name: CCB07 Acquired: 11/13/2018 18:10:12 Type: Unk
 Method: P4-ICP2(v2577) 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	.00233	-.0010	.00009	F<.00000	F .99952
Stddev	.00047	.0006	.00012	.33483	.42956
%RSD	20.399	56.84	135.05	20.872	42.977

#1	.00266	-.0006	.00018	-1.3674	1.3033
#2	.00199	-.0014	.00000	-1.8410	.69578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.0	44984.	5134.7	129.30	3489.4
Stddev	4.1	791.	18.7	3.52	5.5
%RSD	.13183	1.7589	.36437	2.7208	.15768

#1	3074.1	44424.	5121.4	131.78	3485.5
#2	3079.9	45543.	5147.9	126.81	3493.3

Sample Name: J5910-07 Acquired: 11/13/2018 18:14:17 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-4-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	.02223	-.00555	.18998	-.01607	.00489	116.76	.94688	.00627
Stddev	.00025	.00053	.00548	.00290	.00058	.55	.00036	.00001
%RSD	1.1263	9.4942	2.8826	18.024	11.899	.46721	.03761	.15367

#1	.02241	-.00518	.19386	-.01812	.00448	117.15	.94713	.00627
#2	.02206	-.00592	.18611	-.01402	.00530	116.38	.94663	.00626

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	10.215	.12263	.05641	.09877	147.78	2.3669	19.691
Stddev	.00039	.021	.00002	.00003	.00138	2.37	.0047	.043
%RSD	35.245	.20503	.01617	.05571	1.3986	1.6056	.19742	.21934

#1	-.00082	10.230	.12264	.05643	.09975	146.10	2.3702	19.722
#2	-.00137	10.200	.12262	.05638	.09780	149.46	2.3636	19.661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10987	-.00313	4.9643	.17961	.34642	4.7850	.00274	.00219
Stddev	.00000	.00009	.0004	.00057	.00504	.0400	.00026	.00830
%RSD	.00108	2.8640	.00915	.31586	1.4538	.83539	9.6226	378.34

#1	.10987	-.00306	4.9647	.18001	.34286	4.8132	.00255	-.00367
#2	.10987	-.00319	4.9640	.17921	.34998	4.7567	.00293	.00806

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4304	5.5953	.00753	.91812	.13572	5.933	-.10221	<.00000
Stddev	.0227	.0336	.00072	.00134	.00006	.011	.00303	.36261
%RSD	.93411	.60064	9.5200	.14568	.04060	.1890	2.9646	2.1065

#1	2.4465	5.6191	.00703	.91717	.13568	5.941	-.10007	-17.470
#2	2.4144	5.5716	.00804	.91906	.13576	5.925	-.10436	-16.957

Sample Name: J5910-07 Acquired: 11/13/2018 18:14:17 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-4-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 5.4524
 Stddev .3206
 %RSD 5.8791

#1 5.6791
 #2 5.2257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3370.8	48518.	6003.5	128.96	3117.4
Stddev	1.8	161.	8.4	1.56	10.7
%RSD	.05453	.33285	.14024	1.2069	.34196

#1	3369.5	48403.	5997.6	130.06	3109.9
#2	3372.1	48632.	6009.5	127.86	3124.9

Sample Name: J5922-01 Acquired: 11/13/2018 18:18:17 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06380	-.01686	.06092	-.01754	.00313	141.96	.91014	.00919
Stddev	.00329	.00129	.00288	.00253	.00020	1.58	.00497	.00012
%RSD	5.1552	7.6517	4.7243	14.434	6.4599	1.1123	.54617	1.3070
#1	.06148	-.01595	.05888	-.01575	.00298	140.84	.91366	.00911
#2	.06613	-.01777	.06295	-.01933	.00327	143.08	.90663	.00928
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	1173.9	.21538	.15181	.22875	169.13	2.3136	48.336
Stddev	.00022	1.5	.00244	.00029	.00471	4.40	.0334	.002
%RSD	9.7083	.13158	1.1349	.18889	2.0581	2.6043	1.4425	.00316
#1	.00210	1175.0	.21365	.15201	.22542	172.25	2.2900	48.335
#2	.00241	1172.9	.21710	.15161	.23208	166.02	2.3372	48.338
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11919	-.00030	9.3984	.18724	1.0008	32.561	.01548	.38535
Stddev	.00024	.00075	.0115	.00191	.0241	.051	.00019	.00149
%RSD	.20468	252.22	.12226	1.0184	2.4065	.15716	1.2568	.38759
#1	.11902	.00023	9.4066	.18589	1.0179	32.598	.01562	.38641
#2	.11937	-.00083	9.3903	.18859	.98381	32.525	.01534	.38430
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 80.602	1.1055	-.01275	5.4622	.14114	F 21.61	6.4942	43.565
Stddev	.453	.0041	.00139	.0126	.00024	.09	.0319	1.438
%RSD	.56162	.37362	10.930	.23119	.17183	.4323	.49075	3.3011
#1	80.282	1.1026	-.01177	5.4711	.14097	21.54	6.5167	42.548
#2	80.922	1.1084	-.01374	5.4533	.14132	21.67	6.4716	44.582

Sample Name: J5922-01 Acquired: 11/13/2018 18:18:17 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.8882
Stddev	.4782
%RSD	12.298

#1	3.5501
#2	4.2263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.6	46521.	6366.4	111.02	2466.8
Stddev	2.0	504.	13.5	2.95	3.1
%RSD	.06055	1.0840	.21202	2.6611	.12426

#1	3281.0	46878.	6356.9	108.93	2468.9
#2	3278.2	46164.	6376.0	113.11	2464.6

Sample Name: J5923-01 Acquired: 11/13/2018 18:22:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10555	-.01978	.62959	-.02759	.00742	171.61	.29233
Stddev	.00271	.00289	.00004	.00146	.00134	.67	.00008
%RSD	2.5713	14.626	.00589	5.2943	18.094	.39306	.02653

#1	.10364	-.01773	.62961	-.02655	.00837	171.14	.29239
#2	.10747	-.02182	.62956	-.02862	.00647	172.09	.29228

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	.00069	123.15	.41087	.22387	.23520	281.49
Stddev	.00010	.00017	.07	.00384	.00016	.00329	1.15
%RSD	.99186	24.552	.05450	.93482	.06979	1.3984	.40823

#1	.01052	.00057	123.10	.41359	.22398	.23288	282.30
#2	.01037	.00081	123.20	.40816	.22376	.23753	280.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2827	134.04	.38720	-.00321	4.5989	.44982	.77666
Stddev	.0132	.09	.00168	.00064	.0078	.00352	.00742
%RSD	.20984	.06390	.43394	19.871	.16952	.78214	.95590

#1	6.2920	134.10	.38839	-.00366	4.5934	.45231	.78191
#2	6.2734	133.98	.38601	-.00275	4.6044	.44734	.77141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.467	.00058	.13125	1.7123	2.7009	.03918	6.6902
Stddev	.012	.00024	.00312	.0018	.0092	.00066	.0034
%RSD	.02842	41.139	2.3794	.10744	.34043	1.6913	.05079

#1	43.475	.00075	.13345	1.7110	2.7074	.03965	6.6878
#2	43.458	.00041	.12904	1.7136	2.6944	.03871	6.6926

Sample Name: J5923-01 Acquired: 11/13/2018 18:22:26 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.34326	8.468	-.00053	<.00000	F<.00000
Stddev	.00054	.012	.00146	.17950	.63774
%RSD	.15668	.1377	273.38	.79364	3.5525

#1	.34288	8.459	-.00157	-22.490	-18.403
#2	.34364	8.476	.00050	-22.744	-17.501

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.0	47975.	6136.1	117.79	2775.6
Stddev	.8	114.	38.9	1.29	5.5
%RSD	.02396	.23690	.63385	1.0938	.19984

#1	3319.4	47894.	6108.6	116.88	2771.7
#2	3320.5	48055.	6163.6	118.70	2779.6

Sample Name: J5909-13 Acquired: 11/13/2018 18:26:29 Type: Unk
Method: P4-ICP2(v2577) 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	.64810	-.16852	.54093	.61642	.02657	200.59	14.778
Stddev	.00008	.00275	.00027	.00042	.00294	.72	.172
%RSD	.01284	1.6332	.04901	.06859	11.062	.36094	1.1649

#1	.64815	-.16658	.54112	.61612	.02865	201.10	14.656
#2	.64804	-.17047	.54074	.61672	.02449	200.08	14.900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03371	.41871	115.77	.41323	2.1563	-.01201	F 3638.6
Stddev	.00004	.00536	.17	.00187	.0113	.00818	10.2
%RSD	.12020	1.2799	.14678	.45258	.52206	68.125	.28104

#1	.03368	.42250	115.64	.41190	2.1643	-.01779	3645.8
#2	.03374	.41492	115.89	.41455	2.1484	-.00622	3631.3

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.150	41.834	1.9790	^ *****	196.18	2.6550	5.2916
Stddev	.091	.173	.0087	----	1.69	.0038	.0964
%RSD	.36001	.41433	.44148	----	.86113	.14257	1.8217

#1	25.214	41.712	1.9852	^ ----	197.38	2.6523	5.3598
#2	25.086	41.957	1.9728	^ ----	194.99	2.6577	5.2235

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.447	-.00020	4.0853	F 57.759	F 45.847	.06515	.99675
Stddev	.012	.00036	.0185	.160	.120	.00174	.00365
%RSD	.07783	176.11	.45213	.27615	.26211	2.6649	.36639

#1	15.456	-.00045	4.0984	57.871	45.932	.06638	.99417
#2	15.439	.00005	4.0723	57.646	45.762	.06393	.99933

Sample Name: J5909-13 Acquired: 11/13/2018 18:26:29 Type: Unk
 Method: P4-ICP2(v2577) 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	.34886	F 129.2	F -3.0448	<.00000	^ *****
Stddev	.00043	.7	.0101	1.1479	-----
%RSD	.12187	.5548	.33185	.38208	-----
#1	.34856	129.7	-3.0519	-299.61	^ -----
#2	.34916	128.7	-3.0376	-301.23	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8111.3	121900.	16792.	72.092	1402.2
Stddev	8.0	310.	19.	1.178	8.0
%RSD	.09909	.25441	.11513	1.6334	.56816
#1	8105.6	121680.	16806.	71.260	1396.6
#2	8117.0	122110.	16779.	72.925	1407.9

Sample Name: J5921-02 Acquired: 11/13/2018 18:30:49 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7688 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	-.00285	.02062	.00503	.00116	.70901	.20982	-.00006
Stddev	.00358	.00018	.00084	.00084	.00133	.00228	.00055	.00004
%RSD	74.683	6.1692	4.0850	16.723	114.88	.32165	.25986	73.967

#1	.00733	-.00298	.02002	.00563	.00210	.70740	.20944	-.00003
#2	.00226	-.00273	.02121	.00444	.00022	.71062	.21021	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	141.38	.01419	.00429	.03691	1.6504	1.9898	59.101
Stddev	.00006	1.79	.00038	.00004	.00027	.0068	.0177	.300
%RSD	54.533	1.2653	2.6552	.96504	.73495	.41434	.89212	.50750

#1	.00006	140.11	.01393	.00426	.03710	1.6456	1.9772	58.889
#2	.00014	142.64	.01446	.00431	.03671	1.6553	2.0023	59.314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00726	-.00024	83.991	.00591	.12984	40.017	.04860	.66774
Stddev	.00001	.00004	.545	.00002	.00198	.354	.00004	.01335
%RSD	.12547	18.009	.64856	.33021	1.5266	.88397	.08873	1.9993

#1	.00726	-.00027	83.605	.00593	.12843	39.766	.04863	.65830
#2	.00727	-.00021	84.376	.00590	.13124	40.267	.04856	.67718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 55.010	F 13.630	-.01796	.02389	.02986	.1832	.53308	6.2619
Stddev	.037	.157	.00008	.00027	.00144	.0009	.00344	.9385
%RSD	.06811	1.1519	.46726	1.1414	4.8144	.4997	.64621	14.987

#1	55.037	13.519	-.01802	.02370	.02884	.1839	.53065	6.9255
#2	54.984	13.741	-.01791	.02409	.03088	.1826	.53552	5.5983

Sample Name: J5921-02 Acquired: 11/13/2018 18:30:49 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7688 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81983
Stddev	.06721
%RSD	8.1984

#1	.86735
#2	.77230

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.2	40158.	4993.0	121.57	2962.7
Stddev	12.6	242.	48.7	1.09	13.9
%RSD	.44723	.60378	.97550	.89631	.46949

#1	2815.3	40330.	5027.4	122.34	2952.8
#2	2833.1	39987.	4958.5	120.80	2972.5

Sample Name: J5921-05 Acquired: 11/13/2018 18:34:50 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	-.00247	.00553	.00270	.00662	.29320	.10189	-.00005
Stddev	.00179	.00023	.00033	.00160	.00011	.00085	.00005	.00005
%RSD	60.417	9.4947	5.9608	59.432	1.6188	.29154	.05313	96.176

#1	.00170	-.00231	.00530	.00383	.00670	.29260	.10193	-.00008
#2	.00423	-.00264	.00577	.00156	.00655	.29380	.10185	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	69.606	.00693	.00035	.00862	.50081	.13581	20.462
Stddev	.00008	.953	.00033	.00010	.00013	.00588	.00209	.091
%RSD	81.830	1.3684	4.7914	28.293	1.5320	1.1744	1.5400	.44375

#1	-.00016	68.933	.00717	.00028	.00871	.49665	.13729	20.398
#2	-.00004	70.280	.00670	.00042	.00853	.50497	.13433	20.526

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	-.00046	27.225	.01039	.03579	7.5765	.01924	.10553
Stddev	.00027	.00009	.325	.00013	.00010	.0642	.00037	.00036
%RSD	7.6677	19.015	1.1923	1.2471	.28268	.84754	1.9427	.33696

#1	.00337	-.00052	26.996	.01030	.03586	7.5311	.01898	.10578
#2	.00375	-.00040	27.455	.01049	.03571	7.6219	.01951	.10528

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.952	7.4306	-.00724	.00971	.01080	.0469	.28484	2.7778
Stddev	.416	.0250	.00003	.00259	.00092	.0000	.00242	.0955
%RSD	1.8134	.33590	.47753	26.677	8.5358	.0245	.85017	3.4373

#1	22.658	7.4129	-.00721	.01154	.01015	.0469	.28312	2.8453
#2	23.246	7.4482	-.00726	.00788	.01145	.0469	.28655	2.7103

Sample Name: J5921-05 Acquired: 11/13/2018 18:34:50 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7688 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.32134
Stddev	.19203
%RSD	59.759

#1	.18556
#2	.45713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.5	42090.	5012.0	124.71	3163.5
Stddev	35.3	483.	31.9	.77	42.5
%RSD	1.2056	1.1482	.63669	.61391	1.3435

#1	2953.5	41748.	5034.6	124.17	3193.6
#2	2903.5	42431.	4989.4	125.25	3133.5

Sample Name: J5921-08 Acquired: 11/13/2018 18:38:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00229	-.00272	.25304	-.01444	.00288	1.6567	.78846	.00034
Stddev	.00006	.00003	.00092	.00046	.00130	.0098	.00283	.00011
%RSD	2.5866	1.2716	.36476	3.1752	45.056	.58821	.35894	32.849
#1	.00225	-.00275	.25239	-.01411	.00380	1.6498	.78646	.00026
#2	.00234	-.00270	.25369	-.01476	.00196	1.6636	.79046	.00042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	46.937	.00036	.00651	-.04834	91.709	.51802	10.921
Stddev	.00010	.430	.00024	.00007	.00051	.087	.00004	.042
%RSD	56.237	.91694	67.678	1.1293	1.0579	.09524	.00746	.38214
#1	-.00026	46.633	.00053	.00646	-.04870	91.647	.51799	10.891
#2	-.00011	47.242	.00019	.00657	-.04798	91.771	.51805	10.950
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01090	-.00419	36.452	.00440	.35283	18.420	.00009	.04691
Stddev	.00034	.00030	.180	.00009	.00154	.151	.00011	.00286
%RSD	3.1121	7.0924	.49411	2.1229	.43520	.81824	113.45	6.0880
#1	.01114	-.00398	36.324	.00434	.35175	18.313	.00017	.04489
#2	.01066	-.00440	36.579	.00447	.35392	18.526	.00002	.04893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.407	F 16.712	.00382	.06443	.01865	.2315	.26442	<.00000
Stddev	.030	.197	.00009	.00358	.00004	.0016	.00110	.26087
%RSD	.22401	1.1765	2.2895	5.5490	.19760	.6986	.41453	3.3692
#1	13.428	16.573	.00376	.06696	.01868	.2326	.26364	-7.5583
#2	13.385	16.851	.00389	.06190	.01862	.2303	.26519	-7.9272

Sample Name: J5921-08 Acquired: 11/13/2018 18:38:51 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14182 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5230
Stddev	.5963
%RSD	7.9267

#1	7.9447
#2	7.1014

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.8	41851.	5040.1	124.24	3095.1
Stddev	2.4	61.	52.0	.91	2.2
%RSD	.08428	.14612	1.0322	.73529	.07025

#1	2904.0	41894.	5076.9	124.88	3093.6
#2	2907.5	41808.	5003.3	123.59	3096.7

Sample Name: J5921-08DUP Acquired: 11/13/2018 18:42:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14182 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	-.00319	.25051	-.01318	.00315	1.6707	.78787	.00036
Stddev	.00128	.00083	.00023	.00127	.00003	.0074	.00101	.00004
%RSD	133.41	25.903	.09200	9.6662	1.1014	.44281	.12768	11.373
#1	.00005	-.00377	.25035	-.01408	.00313	1.6655	.78716	.00033
#2	.00187	-.00260	.25068	-.01228	.00318	1.6759	.78858	.00039
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	46.833	.00071	.00673	-.04920	92.388	.51478	10.797
Stddev	.00040	.146	.00033	.00038	.00259	2.913	.00100	.002
%RSD	105.29	.31203	46.044	5.5900	5.2630	3.1534	.19352	.01398
#1	-.00010	46.936	.00048	.00646	-.04737	90.328	.51549	10.798
#2	-.00066	46.730	.00095	.00700	-.05103	94.448	.51408	10.796
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01070	-.00317	36.432	.00423	.35395	18.327	.00015	.04683
Stddev	.00001	.00093	.040	.00033	.01060	.025	.00007	.00642
%RSD	.06544	29.478	.11047	7.6809	2.9941	.13702	46.108	13.702
#1	.01070	-.00383	36.461	.00446	.34646	18.345	.00010	.04229
#2	.01071	-.00251	36.404	.00400	.36145	18.309	.00020	.05137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.244	F 16.597	.00282	.06547	.01816	.2283	.26197	<.00000
Stddev	.035	.103	.00061	.00191	.00144	.0018	.00330	.21200
%RSD	.26259	.62198	21.757	2.9156	7.9097	.7872	1.2602	2.7711
#1	13.219	16.670	.00325	.06412	.01918	.2296	.26431	-7.5006
#2	13.268	16.524	.00238	.06682	.01714	.2270	.25964	-7.8004

Sample Name: J5921-08DUP Acquired: 11/13/2018 18:42:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14182 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.0858
Stddev	.2128
%RSD	2.6317

#1	7.9353
#2	8.2363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.8	41744.	5023.1	122.74	3107.3
Stddev	5.1	129.	31.9	3.11	10.9
%RSD	.17315	.30820	.63599	2.5329	.34959

#1	2915.3	41653.	5000.5	124.94	3099.7
#2	2922.4	41835.	5045.7	120.55	3115.0

Sample Name: J5921-08LX5 Acquired: 11/13/2018 18:46:50 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00177	.05112	-.00243	-.00024	.33682	.16090	.00002
Stddev	.00134	.00031	.00101	.00221	.00065	.00330	.00058	.00000
%RSD	96.315	17.729	1.9680	91.034	273.34	.97878	.36355	9.4869

#1	.00044	-.00155	.05041	-.00399	.00022	.33915	.16048	.00002
#2	.00234	-.00199	.05183	-.00086	-.00070	.33449	.16131	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	9.5188	-.00017	.00131	-.01024	18.531	.10639	2.2511
Stddev	.00001	.0282	.00025	.00018	.00003	.363	.00011	.0056
%RSD	12.540	.29647	148.69	13.960	.33413	1.9581	.10486	.24844

#1	-.00012	9.4989	.00001	.00118	-.01026	18.788	.10647	2.2550
#2	-.00010	9.5388	-.00035	.00144	-.01021	18.275	.10632	2.2471

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	-.00104	7.3105	.00042	.07268	3.7291	-.00011	.00851
Stddev	.00022	.00005	.0040	.00007	.00219	.0271	.00009	.00273
%RSD	7.3620	4.6692	.05400	17.226	3.0128	.72697	83.184	32.130

#1	.00282	-.00108	7.3077	.00047	.07423	3.7483	-.00018	.01044
#2	.00313	-.00101	7.3133	.00037	.07113	3.7099	-.00005	.00657

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5998	3.5179	-.00067	.01251	.00662	.0457	.05431	<.00000
Stddev	.0021	.0245	.00048	.00044	.00030	.0002	.00045	.10754
%RSD	.07970	.69606	71.274	3.5495	4.5466	.5396	.83581	6.1869

#1	2.5983	3.5352	-.00033	.01282	.00684	.0459	.05398	-1.8142
#2	2.6013	3.5006	-.00101	.01219	.00641	.0455	.05463	-1.6621

Sample Name: J5921-08LX5 Acquired: 11/13/2018 18:46:50 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6298
Stddev .4229
%RSD 16.083

#1 2.3307
#2 2.9288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.9	43709.	5129.3	129.47	3346.7
Stddev	5.4	235.	20.5	3.24	2.1
%RSD	.17939	.53657	.39929	2.5002	.06206

#1	3032.1	43543.	5114.9	127.18	3348.2
#2	3039.8	43875.	5143.8	131.76	3345.3

Sample Name: J5921-08MS Acquired: 11/13/2018 18:50:52 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66831	1.5335	1.0648	1.5626	.68301	3.3864	.90666	.16390
Stddev	.00241	.0007	.0024	.0003	.00140	.0679	.00616	.00425
%RSD	.36055	.04515	.22731	.01637	.20431	2.0038	.67911	2.5920
#1	.67002	1.5340	1.0631	1.5628	.68202	3.3385	.90231	.16089
#2	.66661	1.5330	1.0665	1.5624	.68399	3.4344	.91101	.16690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15937	44.357	.31593	.17512	.20353	86.067	.64679	11.596
Stddev	.00036	.496	.00652	.00016	.00142	.836	.01603	.148
%RSD	.22748	1.1171	2.0642	.09359	.69827	.97135	2.4783	1.2739
#1	.15911	44.007	.31132	.17500	.20454	86.659	.63546	11.491
#2	.15962	44.708	.32054	.17524	.20253	85.476	.65813	11.700
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40428	.05214	36.329	.24090	.47514	25.411	.33170	.27377
Stddev	.00098	.00141	.222	.00682	.00377	.154	.00012	.00384
%RSD	.24348	2.7045	.61167	2.8291	.79279	.60430	.03507	1.4027
#1	.40497	.05114	36.172	.23608	.47780	25.302	.33162	.27105
#2	.40358	.05313	36.486	.24571	.47247	25.520	.33178	.27648
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.394	F 16.356	.52502	.22440	.18324	4.757	.41004	<.00000
Stddev	.017	.256	.00267	.00135	.00145	.003	.00447	.48061
%RSD	.13958	1.5675	.50828	.60381	.79274	.0694	1.0904	6.6594
#1	12.406	16.174	.52314	.22344	.18221	4.755	.40688	-7.5569
#2	12.382	16.537	.52691	.22536	.18426	4.760	.41321	-6.8772

Sample Name: J5921-08MS Acquired: 11/13/2018 18:50:52 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6317
Stddev	.2171
%RSD	3.2737

#1	6.7852
#2	6.4782

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.6	41952.	5018.7	125.33	3102.4
Stddev	16.5	739.	31.9	1.24	14.4
%RSD	.56376	1.7613	.63515	.98995	.46464

#1	2906.9	42474.	5041.2	124.45	3092.2
#2	2930.2	41429.	4996.2	126.21	3112.6

Sample Name: CCV08 Acquired: 11/13/2018 18:54:40 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1034	4.8142	5.1912	4.9246	5.2486	10.062	10.213	.25709
Stddev	.0035	.0030	.0067	.0054	.0079	.045	.034	.00060
%RSD	.06936	.06181	.12948	.11022	.15084	.44929	.33524	.23272
#1	5.1059	4.8163	5.1960	4.9208	5.2542	10.093	10.237	.25667
#2	5.1009	4.8121	5.1865	4.9285	5.2430	10.030	10.189	.25752
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4862	25.825	.95296	2.5475	1.2522	4.8921	2.6008	24.274
Stddev	.0047	.059	.00110	.0042	.0040	.0164	.0005	.014
%RSD	.19002	.22694	.11542	.16319	.31600	.33580	.02001	.05772
#1	2.4895	25.784	.95373	2.5505	1.2550	4.9037	2.6012	24.264
#2	2.4828	25.867	.95218	2.5446	1.2494	4.8805	2.6004	24.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4057	1.2091	23.681	2.3480	2.4869	25.342	4.7869	4.7169
Stddev	.0033	.0038	.052	.0005	.0012	.119	.0105	.0061
%RSD	.13590	.31325	.22110	.02223	.04605	.46807	.21865	.12857
#1	2.4080	1.2064	23.718	2.3477	2.4877	25.426	4.7943	4.7212
#2	2.4034	1.2118	23.644	2.3484	2.4861	25.258	4.7795	4.7126
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4722	5.2051	4.5410	5.0194	4.8766	4.788	4.9825	F 1.7176
Stddev	.0090	.0330	.0026	.0485	.0022	.007	.0473	.0329
%RSD	.20073	.63408	.05614	.96517	.04487	.1535	.94889	1.9163
#1	4.4658	5.1818	4.5428	5.0537	4.8782	4.794	4.9491	1.7409
#2	4.4785	5.2284	4.5392	4.9852	4.8751	4.783	5.0160	1.6944

Sample Name: CCV08 Acquired: 11/13/2018 18:54:40 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7868
Stddev .0509
%RSD 1.8275

#1 2.7508
#2 2.8228

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.9	41951.	5053.5	121.64	3082.8
Stddev	5.6	109.	26.7	.03	1.5
%RSD	.19025	.25893	.52882	.02731	.04817

#1	2949.9	41874.	5072.4	121.67	3081.7
#2	2957.8	42028.	5034.6	121.62	3083.8

Sample Name: CCB08 Acquired: 11/13/2018 18:58:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00055	.00009	-.00175	-.00037	.01044	-.00086
Stddev	.00010	.00055	.00006	.00273	.00134	.01058	.00044
%RSD	8.9378	100.02	73.881	155.77	357.95	101.35	50.366

#1	.00115	.00094	.00013	-.00369	-.00132	.00296	-.00056
#2	.00101	.00016	.00004	.00018	.00057	.01791	-.00117

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00004	.00852	.00022	-.00007	.00030	.00192
Stddev	.00003	.00003	.00519	.00012	.00001	.00031	.00495
%RSD	448.54	71.192	60.912	55.080	17.979	104.21	257.96

#1	.00001	-.00007	.00485	.00030	-.00008	.00008	.00542
#2	-.00003	-.00002	.01218	.00013	-.00006	.00051	-.00158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00467	.00141	.00011	-.02991	-.00032	.00032
Stddev	.00002	.01151	.00004	.00025	.00531	.00035	.00004
%RSD	11.422	246.36	2.7549	228.32	17.753	106.88	13.094

#1	-.00015	.01281	.00143	-.00007	-.02615	-.00008	.00029
#2	-.00018	-.00347	.00138	.00028	-.03366	-.00057	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08812	.00017	-.00399	F -.03942	-.00299	-.00067	-.00010
Stddev	.01259	.00035	.00040	.00013	.00175	.00003	.00057
%RSD	14.286	201.39	10.027	.33806	58.736	5.0370	556.31

#1	.09702	.00042	-.00427	-.03951	-.00175	-.00065	-.00050
#2	.07922	-.00007	-.00371	-.03932	-.00423	-.00070	.00030

Sample Name: CCB08 Acquired: 11/13/2018 18:58:31 Type: Unk
Method: P4-ICP2(v2577) 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	.00293	.0001	.00008	F<.00000	F 1.5352
Stddev	.00038	.0001	.00004	.03079	.0763
%RSD	13.028	98.21	49.122	2.3909	4.9707

#1	.00266	.0002	.00011	-1.2660	1.5891
#2	.00320	.0000	.00005	-1.3095	1.4812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.8	44232.	5115.6	130.61	3504.2
Stddev	32.3	8.	38.9	.78	23.7
%RSD	1.0398	.01814	.76030	.59553	.67504

#1	3086.9	44226.	5088.1	130.06	3487.5
#2	3132.7	44237.	5143.1	131.16	3521.0

Sample Name: J5921-08MSD Acquired: 11/13/2018 19:02:37 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66161	1.5274	1.0591	1.5478	.67825	3.3632	.89252	.16238
Stddev	.00142	.0042	.0006	.0016	.00115	.0217	.00421	.00017
%RSD	.21489	.27169	.06002	.10128	.17025	.64470	.47188	.10591
#1	.66061	1.5244	1.0595	1.5489	.67906	3.3479	.89549	.16226
#2	.66262	1.5303	1.0586	1.5467	.67743	3.3786	.88954	.16250
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15852	43.632	.31384	.17405	.20226	85.120	.64152	11.537
Stddev	.00001	.168	.00031	.00026	.00040	.107	.00120	.113
%RSD	.00892	.38504	.09879	.15012	.19751	.12570	.18651	.97639
#1	.15853	43.513	.31406	.17424	.20198	85.044	.64067	11.457
#2	.15851	43.751	.31362	.17387	.20254	85.195	.64236	11.617
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40240	.05183	35.811	.23896	.47102	25.030	.32920	.27049
Stddev	.00047	.00051	.081	.00058	.00154	.054	.00024	.00812
%RSD	.11649	.98680	.22551	.24096	.32645	.21449	.07340	3.0024
#1	.40273	.05147	35.868	.23855	.46994	25.068	.32903	.26475
#2	.40207	.05219	35.754	.23936	.47211	24.992	.32937	.27623
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.299	F 16.107	.52382	.22492	.18182	4.736	.40434	<.00000
Stddev	.008	.030	.00073	.00258	.00102	.011	.00179	.10446
%RSD	.06208	.18677	.13902	1.1488	.56273	.2244	.44282	1.4198
#1	12.293	16.086	.52331	.22675	.18110	4.729	.40561	-7.2835
#2	12.304	16.129	.52434	.22309	.18255	4.744	.40308	-7.4313

Sample Name: J5921-08MSD Acquired: 11/13/2018 19:02:37 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.1500
Stddev .2888
%RSD 4.0387

#1 7.3542
#2 6.9459

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.7	42352.	5084.2	126.45	3108.7
Stddev	4.3	4.	.3	.14	7.1
%RSD	.14706	.01043	.00564	.10770	.22705

#1	2924.6	42349.	5084.0	126.55	3103.7
#2	2930.7	42355.	5084.4	126.35	3113.7

Sample Name: J5921-08A Acquired: 11/13/2018 19:06:27 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65611	1.5144	1.0459	1.5383	.67199	3.3657	.90212	.16321
Stddev	.00020	.0024	.0035	.0011	.00470	.0374	.00265	.00115
%RSD	.03026	.16040	.33299	.06961	.70008	1.1106	.29428	.70462
#1	.65625	1.5126	1.0483	1.5391	.67532	3.3393	.90400	.16240
#2	.65597	1.5161	1.0434	1.5375	.66867	3.3922	.90024	.16403
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15702	43.967	.31598	.17205	.20097	85.686	.64407	11.567
Stddev	.00010	.091	.00056	.00016	.00094	.191	.00495	.007
%RSD	.06260	.20755	.17632	.09274	.47012	.22325	.76851	.05917
#1	.15709	44.032	.31559	.17216	.20163	85.821	.64057	11.572
#2	.15695	43.903	.31638	.17193	.20030	85.551	.64757	11.562
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40006	.05138	36.135	.23993	.47348	25.277	.32763	.27474
Stddev	.00013	.00064	.126	.00180	.00144	.090	.00053	.00480
%RSD	.03235	1.2431	.34919	.75182	.30507	.35610	.16040	1.7455
#1	.39997	.05093	36.224	.23865	.47450	25.340	.32800	.27135
#2	.40015	.05183	36.046	.24120	.47246	25.213	.32725	.27813
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.260	F 16.269	.51925	.22388	.18122	4.694	.40800	<.00000
Stddev	.014	.048	.00173	.00162	.00085	.000	.00245	.09197
%RSD	.11290	.29669	.33402	.72207	.46855	.0014	.60087	1.2080
#1	12.269	16.234	.51802	.22274	.18183	4.694	.40973	-7.6788
#2	12.250	16.303	.52048	.22503	.18062	4.694	.40627	-7.5487

Sample Name: J5921-08A Acquired: 11/13/2018 19:06:27 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.4157
Stddev	.4541
%RSD	7.0771

#1	6.7368
#2	6.0947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2956.9	42199.	5051.1	125.82	3143.9
Stddev	14.9	185.	17.1	.56	13.4
%RSD	.50450	.43906	.33768	.44365	.42486

#1	2946.4	42330.	5039.0	125.42	3134.5
#2	2967.5	42068.	5063.1	126.21	3153.4

Sample Name: J5915-01 Acquired: 11/13/2018 19:10:15 Type: Unk
Method: P4-ICP2(v2577) 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	.01357	-.00590	.08936	-.01981	.00683	91.166	1.1843
Stddev	.00178	.00062	.00095	.00031	.00024	.776	.0037
%RSD	13.127	10.570	1.0578	1.5436	3.4748	.85170	.30983

#1	.01483	-.00546	.09002	-.02003	.00667	90.617	1.1869
#2	.01231	-.00634	.08869	-.01959	.00700	91.715	1.1817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00759	-.00100	26.918	.18361	.06732	-.01418	210.42
Stddev	.00010	.00007	.266	.00151	.00025	.00220	1.09
%RSD	1.3001	7.5076	.98641	.82124	.37726	15.495	.51679

#1	.00766	-.00094	26.731	.18254	.06750	-.01263	209.65
#2	.00752	-.00105	27.106	.18468	.06714	-.01574	211.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5623	24.368	.14774	-.00465	1.1815	.24527	.40307
Stddev	.0117	.033	.00064	.00001	.0051	.00141	.00441
%RSD	.74878	.13494	.43120	.13376	.43152	.57531	1.0952

#1	1.5540	24.391	.14819	-.00466	1.1851	.24428	.39995
#2	1.5706	24.344	.14729	-.00465	1.1779	.24627	.40619

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5997	.00178	-.00270	F 29.236	5.2917	-.00245	1.5894
Stddev	.0341	.00014	.00358	.020	.0309	.00037	.0033
%RSD	.35537	8.1579	132.70	.06687	.58387	15.002	.20863

#1	9.5756	.00167	-.00017	29.222	5.2698	-.00271	1.5918
#2	9.6238	.00188	-.00523	29.250	5.3135	-.00219	1.5871

Sample Name: J5915-01 Acquired: 11/13/2018 19:10:15 Type: Unk
Method: P4-ICP2(v2577) 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	.15980	4.964	-.06116	<.00000	F<.00000
Stddev	.00108	.013	.00225	.00655	1.5564
%RSD	.67379	.2627	3.6769	.02731	127.58

#1	.16056	4.973	-.05957	-23.996	-.11940
#2	.15904	4.955	-.06275	-24.005	-2.3204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.1	49823.	6125.7	127.89	3130.5
Stddev	17.9	306.	16.0	1.04	11.6
%RSD	.51819	.61414	.26157	.81100	.36951

#1	3441.4	50039.	6137.0	128.62	3122.3
#2	3466.7	49606.	6114.4	127.16	3138.7

Sample Name: J5915-01DUP Acquired: 11/13/2018 19:14:13 Type: Unk
Method: P4-ICP2(v2577) 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	.01248	-.00646	.09136	-.02355	.00807	91.457	1.1937
Stddev	.00047	.00029	.00279	.00048	.00017	.297	.0051
%RSD	3.7982	4.5324	3.0514	2.0443	2.1238	.32448	.42828

#1	.01215	-.00667	.09333	-.02390	.00819	91.667	1.1973
#2	.01282	-.00626	.08938	-.02321	.00795	91.247	1.1900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	-.00096	27.259	.18196	.06734	-.01475	211.61
Stddev	.00010	.00070	.120	.00226	.00072	.00322	3.99
%RSD	1.2910	72.647	.44036	1.2418	1.0660	21.843	1.8877

#1	.00771	-.00047	27.344	.18356	.06785	-.01247	208.78
#2	.00757	-.00146	27.174	.18036	.06683	-.01703	214.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5697	24.555	.14927	-.00412	1.1570	.24402	.40745
Stddev	.0032	.276	.00015	.00039	.0078	.00247	.00945
%RSD	.20356	1.1235	.10138	9.4331	.67064	1.0117	2.3194

#1	1.5720	24.751	.14938	-.00440	1.1625	.24576	.40077
#2	1.5674	24.360	.14917	-.00385	1.1516	.24227	.41413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7159	.00135	-.00760	F 29.804	5.0986	-.00192	1.5917
Stddev	.0496	.00001	.00965	.117	.0281	.00043	.0010
%RSD	.51073	1.0526	126.98	.39093	.55028	22.460	.05977

#1	9.7510	.00134	-.01442	29.887	5.1185	-.00223	1.5910
#2	9.6808	.00136	-.00078	29.722	5.0788	-.00162	1.5923

Sample Name: J5915-01DUP Acquired: 11/13/2018 19:14:13 Type: Unk
Method: P4-ICP2(v2577) 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	.16206	4.970	-.06209	<.00000	F<.00000
Stddev	.00061	.008	.00585	.61542	.06337
%RSD	.37366	.1614	9.4257	2.5898	3.3120

#1	.16248	4.976	-.05795	-24.198	-1.9581
#2	.16163	4.964	-.06623	-23.328	-1.8685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.3	49904.	6071.3	127.19	3113.6
Stddev	13.2	161.	22.9	2.79	15.2
%RSD	.38157	.32335	.37794	2.1905	.48935

#1	3439.0	49790.	6055.1	129.16	3102.8
#2	3457.6	50018.	6087.5	125.22	3124.4

Sample Name: J5915-01LX5 Acquired: 11/13/2018 19:18:12 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	-.00144	.01829	-.00525	.00230	20.415	.27719	.00173
Stddev	.00045	.00046	.00074	.00128	.00020	.101	.00291	.00005
%RSD	12.685	31.823	4.0348	24.446	8.6211	.49654	1.0515	2.9693

#1	.00324	-.00177	.01777	-.00616	.00244	20.343	.27925	.00170
#2	.00388	-.00112	.01882	-.00434	.00216	20.487	.27513	.00177

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	6.3965	.04196	.01351	.00271	42.925	.36959	5.7724
Stddev	.00020	.0278	.00035	.00018	.00069	.955	.00160	.0146
%RSD	39.909	.43512	.83162	1.3363	25.595	2.2243	.43396	.25318

#1	-.00063	6.4162	.04221	.01339	.00222	43.600	.36846	5.7827
#2	-.00036	6.3768	.04172	.01364	.00320	42.250	.37073	5.7621

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03030	-.00172	.21346	.05552	.08636	2.2288	.00014	-.01528
Stddev	.00009	.00000	.00272	.00040	.00189	.0195	.00008	.00105
%RSD	.31122	.07654	1.2757	.71701	2.1830	.87399	52.925	6.8918

#1	.03037	-.00172	.21153	.05524	.08769	2.2426	.00009	-.01454
#2	.03024	-.00172	.21538	.05580	.08502	2.2150	.00020	-.01603

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9427	1.3564	-.00078	.36058	.03785	.9846	-.00757	<.00000
Stddev	.0502	.0031	.00028	.00092	.00138	.0094	.00093	.24827
%RSD	.84547	.23117	35.817	.25384	3.6344	.9594	12.336	4.6673

#1	5.9072	1.3542	-.00098	.36122	.03883	.9779	-.00823	-5.4949
#2	5.9782	1.3586	-.00058	.35993	.03688	.9913	-.00691	-5.1438

Sample Name: J5915-01LX5 Acquired: 11/13/2018 19:18:12 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7764
Stddev	.2782
%RSD	4.8169

#1	5.5796
#2	5.9731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.9	45255.	5300.0	128.25	3331.0
Stddev	28.3	39.	57.2	3.26	34.3
%RSD	.89753	.08577	1.0799	2.5456	1.0287

#1	3178.0	45282.	5259.6	125.94	3355.2
#2	3137.9	45228.	5340.5	130.56	3306.7

Sample Name: J5915-01MS Acquired: 11/13/2018 19:22:10 Type: Unk
Method: P4-ICP2(v2577) 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	.64155	1.7144	1.0255	1.4699	.29664	110.88	1.3596
Stddev	.00406	.0187	.0068	.0188	.00071	.31	.0050
%RSD	.63239	1.0907	.66692	1.2822	.23858	.27780	.37121

#1	.63868	1.7012	1.0206	1.4566	.29714	111.10	1.3632
#2	.64442	1.7277	1.0303	1.4832	.29614	110.66	1.3561

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16974	.17840	28.939	.49596	.25467	.21337	202.26
Stddev	.00014	.00145	.143	.00154	.00234	.00223	.79
%RSD	.08198	.81022	.49343	.31125	.91948	1.0463	.39056

#1	.16983	.17738	29.040	.49705	.25302	.21180	201.71
#2	.16964	.17942	28.838	.49486	.25633	.21495	202.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7000	28.137	.58498	.04902	3.2979	.46975	.58762
Stddev	.0010	.333	.00434	.00012	.0097	.00091	.00324
%RSD	.06025	1.1838	.74119	.24246	.29508	.19394	.55195

#1	1.7007	28.373	.58191	.04910	3.3048	.46911	.58533
#2	1.6993	27.902	.58804	.04894	3.2910	.47040	.58992

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.720	.30471	.17204	F 28.498	7.0690	.56708	1.8208
Stddev	.117	.00341	.00339	.115	.0586	.00588	.0090
%RSD	.65857	1.1187	1.9710	.40448	.82913	1.0361	.49630

#1	17.802	.30230	.16964	28.416	7.1104	.56293	1.8272
#2	17.637	.30712	.17444	28.579	7.0275	.57123	1.8144

Sample Name: J5915-01MS Acquired: 11/13/2018 19:22:10 Type: Unk
Method: P4-ICP2(v2577) 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	.35679	9.976	.11375	<.00000	F<.00000
Stddev	.00086	.054	.00227	.60456	1.0181
%RSD	.24159	.5385	1.9926	2.9551	38.576

#1	.35618	9.938	.11535	-20.886	-3.3590
#2	.35740	10.01	.11215	-20.031	-1.9192

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.2	48569.	5856.9	124.30	3072.7
Stddev	12.5	288.	36.1	.43	5.5
%RSD	.36820	.59288	.61560	.34966	.17809

#1	3407.1	48365.	5831.4	124.61	3076.6
#2	3389.4	48773.	5882.4	123.99	3068.8

Sample Name: J5915-01MSD Acquired: 11/13/2018 19:26:02 Type: Unk
Method: P4-ICP2(v2577) 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	.64522	1.7258	1.0340	1.4732	.29711	110.28	1.3483
Stddev	.00625	.0052	.0031	.0055	.00518	2.43	.0032
%RSD	.96870	.30031	.29689	.37241	1.7446	2.1998	.23533

#1	.64080	1.7222	1.0361	1.4693	.29345	108.57	1.3505
#2	.64964	1.7295	1.0318	1.4771	.30078	112.00	1.3460

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16721	.18002	29.102	.48685	.25583	.21767	199.39
Stddev	.00267	.00051	.090	.00920	.00010	.00316	6.03
%RSD	1.5976	.28266	.30758	1.8896	.04006	1.4494	3.0248

#1	.16532	.18038	29.165	.48034	.25576	.21991	195.13
#2	.16910	.17966	29.039	.49335	.25590	.21544	203.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6870	27.928	.58544	.04917	3.2659	.46472	.58041
Stddev	.0261	.013	.00048	.00081	.0295	.00913	.01594
%RSD	1.5440	.04698	.08165	1.6438	.90299	1.9643	2.7472

#1	1.6686	27.938	.58510	.04860	3.2867	.45826	.56913
#2	1.7054	27.919	.58578	.04974	3.2450	.47117	.59168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.580	.30591	.16594	F 28.575	6.7622	.56761	1.8168
Stddev	.081	.00064	.00157	.039	.0121	.00003	.0012
%RSD	.46053	.20803	.94894	.13533	.17960	.00506	.06587

#1	17.638	.30546	.16483	28.602	6.7536	.56763	1.8176
#2	17.523	.30636	.16705	28.547	6.7708	.56759	1.8159

Sample Name: J5915-01MSD Acquired: 11/13/2018 19:26:02 Type: Unk
Method: P4-ICP2(v2577) 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	.35842	9.987	.11521	<.00000	F<.00000
Stddev	.00014	.025	.00707	.41053	.08236
%RSD	.03811	.2515	6.1347	1.9757	1.8904

#1	.35832	10.00	.12020	-21.069	-4.2985
#2	.35852	9.969	.11021	-20.488	-4.4150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.3	49047.	5880.5	125.84	3062.5
Stddev	9.2	698.	52.1	3.00	16.8
%RSD	.27307	1.4223	.88573	2.3808	.54840

#1	3372.7	49540.	5843.6	127.96	3050.6
#2	3385.8	48553.	5917.3	123.72	3074.3

Sample Name: J5915-01A Acquired: 11/13/2018 19:29:54 Type: Unk
Method: P4-ICP2(v2577) 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	.64390	1.7193	1.0281	1.4691	.29875	110.29	1.3477
Stddev	.00148	.0067	.0070	.0015	.00019	.24	.0116
%RSD	.22926	.38751	.68022	.09980	.06327	.21700	.85806

#1	.64494	1.7240	1.0330	1.4681	.29862	110.12	1.3559
#2	.64285	1.7146	1.0232	1.4702	.29889	110.46	1.3396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16786	.17908	29.008	.49009	.25450	.21493	199.54
Stddev	.00054	.00054	.211	.00004	.00122	.00150	.91
%RSD	.32185	.29923	.72864	.00823	.47824	.69769	.45564

#1	.16748	.17946	29.157	.49006	.25536	.21387	200.18
#2	.16824	.17870	28.858	.49012	.25364	.21599	198.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6892	27.742	.58583	.04886	3.2532	.46411	.58151
Stddev	.0001	.104	.00060	.00014	.0382	.00028	.00735
%RSD	.00751	.37630	.10262	.28244	1.1757	.06035	1.2643

#1	1.6892	27.815	.58540	.04896	3.2802	.46391	.58670
#2	1.6893	27.668	.58625	.04876	3.2261	.46431	.57631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.580	.30454	.16095	F 28.506	6.7440	.56607	1.7924
Stddev	.200	.00012	.00010	.157	.0611	.00402	.0072
%RSD	1.1395	.03798	.06009	.55015	.90664	.70946	.40368

#1	17.722	.30462	.16101	28.617	6.7872	.56891	1.7975
#2	17.439	.30446	.16088	28.395	6.7008	.56323	1.7872

Sample Name: J5915-01A Acquired: 11/13/2018 19:29:54 Type: Unk
 Method: P4-ICP2(v2577) 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	.35466	9.974	.11450	<.00000	F<.00000
Stddev	.00055	.076	.00189	.47914	.68219
%RSD	.15610	.7588	1.6518	2.2537	15.242

#1	.35505	10.03	.11584	-20.922	-4.9582
#2	.35427	9.921	.11316	-21.599	-3.9935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.2	49094.	5908.3	125.91	3079.2
Stddev	13.6	101.	75.8	1.83	27.0
%RSD	.40071	.20485	1.2824	1.4574	.87589

#1	3386.6	49023.	5854.7	124.61	3060.1
#2	3405.8	49165.	5961.8	127.20	3098.3

Sample Name: J5925-03 Acquired: 11/13/2018 19:33:46 Type: Unk
Method: P4-ICP2(v2577) 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	.03933	-.00993	2.4580	-.01865	.01322	115.81	1.1594
Stddev	.00048	.00020	.0039	.00120	.00050	.76	.0027
%RSD	1.2128	1.9635	.15690	6.4175	3.7869	.65590	.23567

#1	.03966	-.00979	2.4607	-.01950	.01286	116.35	1.1574
#2	.03899	-.01007	2.4553	-.01781	.01357	115.28	1.1613

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00882	.00033	65.505	.17677	.12792	.14147	215.88
Stddev	.00004	.00002	.576	.00015	.00062	.00208	1.34
%RSD	.40608	5.9451	.87896	.08687	.48312	1.4681	.62042

#1	.00879	.00031	65.098	.17666	.12835	.14294	214.93
#2	.00884	.00034	65.913	.17688	.12748	.14000	216.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1581	38.343	.18081	-.00228	8.8861	.31824	1.4986
Stddev	.0057	.216	.00040	.00014	.0095	.00238	.0171
%RSD	.18096	.56278	.22369	6.2780	.10711	.74720	1.1394

#1	3.1621	38.191	.18109	-.00218	8.8794	.31992	1.4866
#2	3.1541	38.496	.18052	-.00239	8.8928	.31655	1.5107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.536	.00274	.02291	1.0523	4.2154	.08382	2.1006
Stddev	.064	.00014	.00305	.0031	.1033	.00132	.0102
%RSD	.47274	5.1636	13.318	.29723	2.4514	1.5765	.48621

#1	13.491	.00264	.02507	1.0545	4.1424	.08476	2.0933
#2	13.581	.00284	.02075	1.0501	4.2885	.08289	2.1078

Sample Name: J5925-03 Acquired: 11/13/2018 19:33:46 Type: Unk
 Method: P4-ICP2(v2577) 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	.14805	6.627	.11652	<.00000	F<.00000
Stddev	.00141	.008	.00196	.52249	1.0376
%RSD	.95490	.1180	1.6787	2.4089	49.977

#1	.14905	6.621	.11791	-22.060	-1.3424
#2	.14705	6.632	.11514	-21.321	-2.8098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.1	51724.	6381.6	122.83	2980.7
Stddev	7.1	151.	55.5	1.28	2.0
%RSD	.19632	.29272	.87026	1.0425	.06676

#1	3592.1	51617.	6420.8	123.74	2982.1
#2	3602.1	51831.	6342.3	121.93	2979.3

Sample Name: J5925-07 Acquired: 11/13/2018 19:37:43 Type: Unk
Method: P4-ICP2(v2577) 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	.04102	-.01386	.42472	-.01512	.00689	115.05	.73250
Stddev	.00017	.00154	.00567	.00299	.00135	.23	.00707
%RSD	.41908	11.074	1.3358	19.780	19.607	.20106	.96560

#1	.04090	-.01495	.42071	-.01300	.00594	115.21	.73750
#2	.04114	-.01278	.42873	-.01723	.00785	114.89	.72750

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00987	.00021	40.687	.18380	.17060	.44253	276.69
Stddev	.00006	.00099	.040	.00137	.00074	.00802	9.03
%RSD	.62321	467.29	.09710	.74652	.43098	1.8116	3.2641

#1	.00983	-.00049	40.715	.18283	.17008	.43686	283.07
#2	.00992	.00092	40.659	.18477	.17112	.44820	270.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8400	53.592	.21433	-.00116	10.580	.55972	1.1883
Stddev	.0040	.248	.00157	.00142	.112	.00377	.0352
%RSD	.14103	.46347	.73327	122.31	1.0585	.67437	2.9607

#1	2.8429	53.767	.21321	-.00016	10.660	.56239	1.2132
#2	2.8372	53.416	.21544	-.00217	10.501	.55705	1.1635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.442	.00139	.04253	3.4930	2.8511	.01951	5.2747
Stddev	.166	.00016	.01311	.0159	.0355	.00150	.0790
%RSD	.85547	11.818	30.823	.45430	1.2458	7.6897	1.4977

#1	19.560	.00151	.05180	3.4818	2.8260	.01845	5.3306
#2	19.324	.00128	.03326	3.5042	2.8762	.02057	5.2189

Sample Name: J5925-07 Acquired: 11/13/2018 19:37:43 Type: Unk
Method: P4-ICP2(v2577) 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	.17739	8.688	-.06513	<.00000	F<.00000
Stddev	.00039	.072	.00677	.39321	.99174
%RSD	.22061	.8315	10.392	1.4115	10.250

#1	.17711	8.637	-.06992	-27.579	-8.9742
#2	.17767	8.739	-.06035	-28.135	-10.377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.6	54457.	6670.9	120.50	2919.3
Stddev	.6	167.	53.9	3.86	14.1
%RSD	.01548	.30747	.80858	3.2050	.48428

#1	3764.0	54339.	6632.8	117.77	2929.3
#2	3763.2	54575.	6709.1	123.23	2909.3

Sample Name: CCV09 Acquired: 11/13/2018 19:41:40 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1020	4.8247	5.2017	4.9067	5.2313	9.8980	10.142	.25398
Stddev	.0193	.0111	.0123	.0218	.0156	.0540	.032	.00025
%RSD	.37879	.23044	.23548	.44440	.29782	.54531	.31979	.10028
#1	5.1156	4.8326	5.2104	4.9221	5.2423	9.9362	10.165	.25416
#2	5.0883	4.8169	5.1930	4.8913	5.2203	9.8598	10.119	.25380
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4944	25.699	.94375	2.5525	1.2524	4.7148	2.5727	24.218
Stddev	.0067	.033	.00205	.0058	.0069	.1352	.0044	.016
%RSD	.26864	.13020	.21678	.22758	.54714	2.8670	.17181	.06527
#1	2.4992	25.676	.94230	2.5566	1.2573	4.6192	2.5758	24.207
#2	2.4897	25.723	.94519	2.5484	1.2476	4.8103	2.5695	24.229
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4178	1.1985	23.458	2.3227	2.4098	25.128	4.7989	4.6774
Stddev	.0029	.0006	.016	.0031	.0824	.084	.0190	.0216
%RSD	.12199	.05213	.06691	.13152	3.4211	.33572	.39681	.46137
#1	2.4199	1.1981	23.469	2.3249	2.3515	25.187	4.8124	4.6927
#2	2.4157	1.1990	23.447	2.3206	2.4681	25.068	4.7855	4.6622
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4632	5.1638	4.5598	4.9594	4.8330	4.798	4.9015	F 1.7202
Stddev	.0150	.0222	.0048	.0190	.0110	.012	.0603	.0556
%RSD	.33659	.42920	.10610	.38232	.22650	.2495	1.2306	3.2324
#1	4.4739	5.1481	4.5632	4.9728	4.8407	4.807	4.9441	1.7595
#2	4.4526	5.1795	4.5564	4.9460	4.8253	4.790	4.8588	1.6809

Sample Name: CCV09 Acquired: 11/13/2018 19:41:40 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8672
Stddev .4575
%RSD 15.957

#1 3.1908
#2 2.5437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2926.9	42081.	4994.7	124.32	3051.1
Stddev	16.5	87.	23.9	3.91	15.7
%RSD	.56456	.20635	.47881	3.1412	.51562

#1	2915.2	42019.	5011.6	127.08	3040.0
#2	2938.6	42142.	4977.8	121.56	3062.2

Sample Name: CCB09 Acquired: 11/13/2018 19:45:30 Type: Unk
Method: P4-ICP2(v2577) 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	.00036	-.00019	.00051	-.00052	.00044	.00568	-.00076
Stddev	.00056	.00124	.00045	.00345	.00114	.00411	.00060
%RSD	156.66	669.66	87.188	657.96	258.53	72.359	78.501

#1	-.00004	.00069	.00083	.00191	.00125	.00859	-.00119
#2	.00075	-.00106	.00020	-.00296	-.00037	.00277	-.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00008	.00620	.00002	-.00001	-.00012	-.00105
Stddev	.00001	.00004	.00439	.00028	.00030	.00022	.00720
%RSD	68.593	47.194	70.867	1185.9	3097.3	184.70	684.56

#1	.00003	-.00011	.00309	-.00018	.00020	-.00028	.00404
#2	.00001	-.00006	.00931	.00022	-.00022	.00004	-.00615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00034	.00119	-.00007	-.06368	.00014	.00032
Stddev	.00000	.01210	.00006	.00024	.00033	.00053	.00003
%RSD	2.3438	3573.4	4.7649	360.82	.51538	371.91	9.8466

#1	-.00020	-.00890	.00115	.00010	-.06391	-.00023	.00034
#2	-.00020	.00822	.00123	-.00023	-.06345	.00052	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04519	.00047	-.00168	F -.04149	-.00282	-.00010	.00080
Stddev	.01129	.00010	.00330	.00126	.00064	.00005	.00141
%RSD	24.992	20.883	196.42	3.0388	22.638	48.955	175.46

#1	.03721	.00054	.00065	-.04238	-.00237	-.00013	.00180
#2	.05318	.00040	-.00402	-.04060	-.00327	-.00006	-.00019

Sample Name: CCB09 Acquired: 11/13/2018 19:45:30 Type: Unk
 Method: P4-ICP2(v2577) 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	.00305	.0003	.00008	F<.00000	F .67477
Stddev	.00047	.0001	.00006	.67175	.07237
%RSD	15.405	30.71	72.902	50.795	10.725

#1	.00272	.0004	.00012	-1.7975	.72594
#2	.00338	.0002	.00004	-.84748	.62360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3097.6	44259.	4993.3	127.75	3483.5
Stddev	14.5	124.	18.9	1.03	10.0
%RSD	.46968	.28100	.37939	.80717	.28816

#1	3087.3	44171.	5006.7	128.48	3476.4
#2	3107.9	44347.	4979.9	127.03	3490.6

Sample Name: J5925-11 Acquired: 11/13/2018 19:49:36 Type: Unk
Method: P4-ICP2(v2577) 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	.05166	-.01138	1.3021	-.01686	.00710	109.98	.97677
Stddev	.00365	.00036	.0100	.00135	.00024	1.83	.00284
%RSD	7.0618	3.1629	.76605	7.9911	3.3517	1.6620	.29039

#1	.04908	-.01112	1.2951	-.01590	.00693	111.27	.97878
#2	.05424	-.01163	1.3092	-.01781	.00727	108.68	.97477

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00916	.00225	121.57	.19140	.13352	.30219	231.84
Stddev	.00012	.00018	.68	.00296	.00123	.00340	.18
%RSD	1.3272	8.1616	.56280	1.5482	.92269	1.1240	.07748

#1	.00925	.00212	122.06	.19350	.13265	.29979	231.71
#2	.00908	.00238	121.09	.18930	.13439	.30459	231.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8634	53.234	.28321	-.00128	8.3219	.39808	1.2858
Stddev	.0755	.124	.00179	.00123	.0462	.00701	.0028
%RSD	1.9547	.23300	.63293	96.203	.55553	1.7605	.21776

#1	3.9168	53.322	.28194	-.00215	8.3546	.40303	1.2877
#2	3.8100	53.147	.28447	-.00041	8.2892	.39312	1.2838

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.939	.00504	.12013	2.9023	5.0926	.29357	3.5799
Stddev	.086	.00004	.00021	.0238	.1026	.00070	.0161
%RSD	.43036	.70662	.17482	.81954	2.0147	.23899	.44890

#1	19.999	.00501	.12028	2.8855	5.0201	.29308	3.5913
#2	19.878	.00507	.11998	2.9192	5.1652	.29407	3.5686

Sample Name: J5925-11 Acquired: 11/13/2018 19:49:36 Type: Unk
 Method: P4-ICP2(v2577) 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	.18871	7.671	.53844	<.00000	F<.00000
Stddev	.00012	.043	.00303	.80718	.49541
%RSD	.06310	.5579	.56202	4.1287	12.808

#1	.18863	7.641	.54058	-18.980	-3.5175
#2	.18880	7.702	.53630	-20.122	-4.2181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.9	50350.	6193.3	119.54	2906.3
Stddev	16.0	931.	42.0	.26	8.5
%RSD	.45728	1.8490	.67769	.21817	.29267

#1	3501.2	49691.	6163.6	119.35	2912.3
#2	3478.6	51008.	6222.9	119.72	2900.2

Sample Name: J5925-15 Acquired: 11/13/2018 19:53:33 Type: Unk
Method: P4-ICP2(v2577) 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	.02452	-.00981	.46749	-.01425	.00305	139.39	1.0675
Stddev	.00445	.00021	.00305	.00053	.00074	2.04	.0111
%RSD	18.155	2.1169	.65295	3.7383	24.151	1.4653	1.0365

#1	.02138	-.00966	.46965	-.01387	.00253	137.94	1.0753
#2	.02767	-.00996	.46534	-.01463	.00357	140.83	1.0596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00988	-.00053	30.179	.13896	.09815	11.462	214.54
Stddev	.00011	.00015	.203	.00075	.00130	.091	.54
%RSD	1.0841	27.840	.67277	.53830	1.3275	.79415	.25044

#1	.00996	-.00043	30.322	.13843	.09907	11.526	214.92
#2	.00981	-.00064	30.035	.13949	.09723	11.398	214.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1869	31.883	.15259	-.00080	6.7241	.23478	.74375
Stddev	.0035	.294	.00159	.00070	.0684	.00236	.00457
%RSD	.08264	.92218	1.0421	88.137	1.0169	1.0061	.61465

#1	4.1845	32.091	.15371	-.00030	6.7725	.23311	.74699
#2	4.1894	31.675	.15146	-.00130	6.6758	.23645	.74052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.043	.00354	.02976	6.2961	4.9643	.03767	1.4225
Stddev	.083	.00002	.00018	.0645	.1422	.00073	.0116
%RSD	.82557	.65810	.61539	1.0246	2.8652	1.9301	.81303

#1	10.102	.00355	.02989	6.3418	5.0649	.03818	1.4143
#2	9.9847	.00352	.02963	6.2505	4.8637	.03716	1.4307

Sample Name: J5925-15 Acquired: 11/13/2018 19:53:33 Type: Unk
Method: P4-ICP2(v2577) 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	.11686	6.849	.02000	<.00000	F<.00000
Stddev	.00140	.067	.00219	.40191	.08029
%RSD	1.2015	.9736	10.943	1.6727	4.6642

#1	.11587	6.897	.02155	-24.312	-1.7783
#2	.11785	6.802	.01845	-23.743	-1.6647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.4	53358.	6603.5	123.59	3038.0
Stddev	30.1	419.	93.2	.76	24.6
%RSD	.80641	.78577	1.4112	.61129	.81076

#1	3709.2	53654.	6537.7	123.06	3020.6
#2	3751.7	53061.	6669.4	124.13	3055.4

Sample Name: J5770-02 Acquired: 11/13/2018 19:57:37 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 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	-.00204	.00518	.00007	.00016	.13391	.08303	.00005
Stddev	.00108	.00003	.00027	.00147	.00153	.00294	.00136	.00001
%RSD	444.76	1.3088	5.2704	2164.5	962.91	2.1986	1.6424	14.494

#1	.00100	-.00206	.00499	-.00097	-.00092	.13183	.08206	.00006
#2	-.00052	-.00202	.00537	.00111	.00124	.13599	.08399	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	10.108	.00044	.00305	.00235	1.0294	.45655	.61650
Stddev	.00008	.065	.00005	.00006	.00021	.0025	.00111	.01096
%RSD	166.60	.64266	11.434	1.9914	8.7212	.24321	.24278	1.7783

#1	-.00001	10.062	.00047	.00301	.00221	1.0276	.45733	.60875
#2	.00010	10.154	.00040	.00309	.00250	1.0312	.45576	.62426

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00406	-.00040	252.56	-.00004	.02188	.61648	-.00004	-.00200
Stddev	.00021	.00007	.95	.00009	.00013	.01219	.00033	.00199
%RSD	5.2595	17.773	.37539	208.40	.58103	1.9769	780.58	99.737

#1	.00421	-.00035	251.88	-.00011	.02197	.60787	.00019	-.00341
#2	.00391	-.00045	253.23	.00002	.02179	.62510	-.00028	-.00059

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07720	.36803	-.00000	.00130	.00335	.0031	.02890	1.2559
Stddev	.00356	.00324	.00094	.00107	.00041	.0017	.00021	.0321
%RSD	4.6070	.88024	73091.	82.106	12.091	53.64	.71477	2.5532

#1	.07468	.37032	.00067	.00055	.00307	.0019	.02876	1.2332
#2	.07971	.36574	-.00067	.00206	.00364	.0043	.02905	1.2785

Sample Name: J5770-02 Acquired: 11/13/2018 19:57:37 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.81311
Stddev	.18988
%RSD	23.353

#1	.94738
#2	.67884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.9	40759.	5020.5	126.46	3050.3
Stddev	9.5	172.	8.6	.78	9.3
%RSD	.32706	.42277	.17164	.61972	.30408

#1	2924.6	40637.	5026.6	125.91	3056.8
#2	2911.1	40880.	5014.4	127.02	3043.7

Sample Name: J5770-02DUP Acquired: 11/13/2018 20:01:48 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00255	.00491	.00036	-.00035	.14465	.08371	.00002
Stddev	.00051	.00028	.00006	.00034	.00074	.00142	.00034	.00004
%RSD	95.737	10.916	1.2644	94.439	210.19	.98098	.40136	163.67

#1	.00017	-.00235	.00495	.00060	.00017	.14365	.08394	.00005
#2	.00089	-.00274	.00486	.00012	-.00087	.14565	.08347	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	10.138	.00032	.00319	.00215	1.0360	.45441	.59689
Stddev	.00008	.074	.00006	.00009	.00011	.0096	.00371	.04393
%RSD	302.11	.73294	19.534	2.9371	5.0212	.92983	.81617	7.3599

#1	.00003	10.191	.00028	.00326	.00207	1.0428	.45703	.62795
#2	-.00008	10.086	.00037	.00312	.00222	1.0292	.45179	.56583

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	.00006	256.12	.00000	.02166	.75298	.00022	.00244
Stddev	.00033	.00006	.19	.00025	.00009	.01739	.00007	.00418
%RSD	9.0896	113.42	.07478	5768.9	.42860	2.3090	32.654	171.71

#1	.00335	.00001	256.25	.00018	.02173	.74069	.00017	-.00052
#2	.00381	.00010	255.98	-.00017	.02160	.76528	.00027	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07432	.36458	.00037	.00025	.00906	.0027	.02908	1.1260
Stddev	.00070	.00572	.00042	.00013	.00014	.0001	.00026	.4247
%RSD	.94438	1.5687	112.44	50.343	1.5022	3.814	.90399	37.713

#1	.07382	.36863	.00008	.00034	.00896	.0026	.02926	1.4263
#2	.07482	.36054	.00067	.00016	.00916	.0028	.02889	.82573

Sample Name: J5770-02DUP Acquired: 11/13/2018 20:01:48 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1125
Stddev	.3095
%RSD	27.820

#1	.89365
#2	1.3313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.0	41295.	4981.4	125.95	3056.1
Stddev	6.3	274.	29.6	.33	6.4
%RSD	.21459	.66268	.59360	.26200	.20952

#1	2928.4	41101.	4960.5	125.72	3060.7
#2	2919.5	41488.	5002.3	126.18	3051.6

Sample Name: J5770-02LX5 Acquired: 11/13/2018 20:05:57 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.00133	.00134	-.00222	.00033	.02852	.01682	-.00003
Stddev	.00118	.00074	.00070	.00129	.00016	.00055	.00040	.00002
%RSD	52.738	55.441	52.230	57.810	49.446	1.9309	2.3924	64.287

#1	-.00306	-.00081	.00183	-.00313	.00044	.02813	.01653	-.00005
#2	-.00140	-.00185	.00084	-.00131	.00021	.02891	.01710	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	2.0954	.00013	.00068	.00065	.20664	.09356	.12430
Stddev	.00004	.0045	.00002	.00016	.00019	.00171	.00042	.01582
%RSD	1006.3	.21410	15.781	23.393	29.958	.82700	.44656	12.728

#1	-.00002	2.0922	.00015	.00057	.00051	.20784	.09386	.13549
#2	.00003	2.0985	.00012	.00079	.00079	.20543	.09327	.11312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00134	-.00046	52.291	-.00004	.00523	.28628	-.00011	-.00471
Stddev	.00028	.00032	.459	.00014	.00020	.01156	.00005	.00596
%RSD	20.704	69.666	.87809	337.01	3.8673	4.0375	50.215	126.41

#1	.00153	-.00023	52.615	.00006	.00537	.27810	-.00014	-.00050
#2	.00114	-.00069	51.966	-.00014	.00508	.29445	-.00007	-.00892

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01832	.07327	-.00056	.00020	.00718	-.0001	.00605	<.00000
Stddev	.00170	.00104	.00024	.00104	.00154	.0001	.00006	.10951
%RSD	9.2528	1.4130	43.057	529.43	21.474	169.3	.90998	25.320

#1	-.01712	.07400	-.00073	.00093	.00827	-.0001	.00601	-.50994
#2	-.01952	.07253	-.00039	-.00054	.00609	.0000	.00609	-.35507

Sample Name: J5770-02LX5 Acquired: 11/13/2018 20:05:57 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.56905
Stddev	.60754
%RSD	106.76

#1	.13946
#2	.99864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3058.8	43120.	5045.9	128.39	3299.2
Stddev	8.6	120.	45.9	4.73	9.0
%RSD	.28122	.27835	.90915	3.6855	.27216

#1	3052.8	43035.	5013.5	125.04	3292.9
#2	3064.9	43205.	5078.4	131.73	3305.6

Sample Name: J5770-02MS Acquired: 11/13/2018 20:10:02 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 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	.74294	1.6672	.92606	1.7875	.74443	1.9795	.28108	.18695	.18242
Stddev	.00167	.0036	.00059	.0049	.00128	.0182	.00025	.00022	.00034
%RSD	.22479	.21357	.06392	.27489	.17131	.92070	.08887	.11881	.18698
#1	.74176	1.6647	.92648	1.7910	.74353	1.9666	.28126	.18711	.18218
#2	.74412	1.6698	.92564	1.7840	.74533	1.9924	.28090	.18680	.18266
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.749	.36144	.19102	.27239	3.6617	.67111	2.4693	.44532	.06273
Stddev	.019	.00019	.00019	.00104	.0171	.00054	.0229	.00019	.00063
%RSD	.16425	.05364	.09749	.38065	.46736	.08068	.92734	.04162	1.0065
#1	11.736	.36130	.19089	.27166	3.6496	.67073	2.4531	.44518	.06228
#2	11.763	.36158	.19115	.27313	3.6738	.67149	2.4855	.44545	.06318
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	266.62	.26956	.20094	10.630	.36786	.25513	.07839	1.2366	.58525
Stddev	2.86	.00006	.00019	.030	.00009	.00632	.00158	.0218	.00078
%RSD	1.0719	.02115	.09357	.28066	.02577	2.4769	2.0154	1.7605	.13376
#1	268.65	.26952	.20080	10.609	.36780	.25960	.07951	1.2520	.58580
#2	264.60	.26960	.20107	10.651	.36793	.25066	.07727	1.2212	.58470
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19182	.20268	5.254	.21200	.96611	.31222			
Stddev	.00016	.00093	.005	.00055	.53761	.55140			
%RSD	.08081	.45741	.1024	.25972	55.647	176.60			
#1	.19193	.20203	5.251	.21161	.58596	-.07768			
#2	.19171	.20334	5.258	.21239	1.3463	.70212			

Sample Name: J5770-02MS Acquired: 11/13/2018 20:10:02 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 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	2927.5	40613.	4866.5	122.88	3049.7
Stddev	9.3	94.	30.3	.37	10.0
%RSD	.31637	.23222	.62187	.29889	.32930
#1	2921.0	40546.	4845.1	122.63	3042.6
#2	2934.1	40680.	4887.9	123.14	3056.8

Sample Name: J5770-02MSD Acquired: 11/13/2018 20:13:58 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 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	.73226	1.6658	.92821	1.7752	.74136	1.9661	.27914	.18512	.18199
Stddev	.00048	.0012	.00008	.0060	.00183	.0143	.00005	.00012	.00040
%RSD	.06550	.07407	.00908	.33711	.24661	.72452	.01770	.06734	.22177
#1	.73260	1.6667	.92815	1.7710	.74265	1.9561	.27917	.18503	.18227
#2	.73192	1.6649	.92827	1.7794	.74006	1.9762	.27910	.18520	.18170
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.773	.35753	.19066	.27098	3.6054	.66628	2.4298	.44506	.06152
Stddev	.094	.00060	.00035	.00073	.0354	.00052	.0505	.00063	.00067
%RSD	.79667	.16695	.18099	.27089	.98135	.07869	2.0780	.14266	1.0862
#1	11.840	.35710	.19041	.27046	3.6304	.66591	2.4655	.44551	.06105
#2	11.707	.35795	.19090	.27150	3.5803	.66665	2.3941	.44461	.06200
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	261.89	.26725	.19909	10.628	.36702	.25553	.07714	1.2398	.58151
Stddev	2.13	.00122	.00291	.078	.00054	.01388	.00070	.0037	.00111
%RSD	.81457	.45469	1.4602	.73849	.14758	5.4333	.91182	.29788	.19140
#1	263.40	.26639	.20114	10.684	.36740	.26534	.07764	1.2372	.58072
#2	260.38	.26811	.19703	10.573	.36664	.24571	.07665	1.2424	.58229
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18925	.20491	5.232	.21065	.41885	.41742			
Stddev	.00239	.00067	.014	.00049	.34518	.43541			
%RSD	1.2638	.32702	.2742	.23432	82.411	104.31			
#1	.19094	.20539	5.242	.21100	.66293	.10954			
#2	.18756	.20444	5.222	.21031	.17477	.72530			

Sample Name: J5770-02MSD Acquired: 11/13/2018 20:13:58 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 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	2942.9	41073.	4900.4	124.05	3060.5
Stddev	8.4	165.	39.9	2.21	11.0
%RSD	.28692	.40128	.81321	1.7807	.35917
#1	2937.0	40956.	4872.2	122.48	3052.7
#2	2948.9	41189.	4928.6	125.61	3068.3

Sample Name: J5770-02A Acquired: 11/13/2018 20:17:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73498	1.6687	.92723	1.7744	.74126	1.9777	.28101	.18566	.18198
Stddev	.00629	.0187	.01069	.0202	.00850	.0051	.00022	.00033	.00223
%RSD	.85602	1.1187	1.1528	1.1356	1.1468	.25697	.07953	.17942	1.2261
#1	.73053	1.6555	.91967	1.7602	.73525	1.9742	.28117	.18590	.18040
#2	.73943	1.6819	.93479	1.7887	.74727	1.9813	.28085	.18543	.18355
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.815	.36013	.19088	.27260	3.6146	.66696	2.4472	.44451	.06200
Stddev	.065	.00068	.00250	.00092	.0599	.00061	.0188	.00470	.00066
%RSD	.55134	.18862	1.3074	.33833	1.6583	.09162	.76998	1.0578	1.0690
#1	11.769	.35965	.18912	.27195	3.5722	.66739	2.4339	.44119	.06153
#2	11.861	.36061	.19265	.27326	3.6570	.66653	2.4605	.44784	.06247
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	265.56	.26740	.20065	10.685	.36659	.26036	.07603	1.2393	.58619
Stddev	1.71	.00058	.00273	.018	.00332	.00298	.00415	.0224	.00643
%RSD	.64407	.21570	1.3631	.17020	.90557	1.1452	5.4544	1.8066	1.0966
#1	266.77	.26781	.19871	10.698	.36424	.25825	.07309	1.2551	.58165
#2	264.35	.26700	.20258	10.672	.36893	.26247	.07896	1.2235	.59074
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19242	.20691	5.254	.21083	1.0238	.29545			
Stddev	.00135	.00222	.035	.00067	.1098	.31645			
%RSD	.70302	1.0711	.6752	.31761	10.722	107.11			
#1	.19337	.20535	5.229	.21130	.94619	.07169			
#2	.19146	.20848	5.279	.21035	1.1014	.51921			

Sample Name: J5770-02A Acquired: 11/13/2018 20:17:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	2942.4	40850.	4859.5	123.20	3061.1
Stddev	7.8	23.	24.5	1.00	18.8
%RSD	.26463	.05621	.50492	.81238	.61306
#1	2947.9	40834.	4842.2	123.90	3074.4
#2	2936.9	40866.	4876.9	122.49	3047.8

Sample Name: J5770-04 Acquired: 11/13/2018 20:21:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.00275	.00729	.00107	-.00138	.10786	.09108	-.00003
Stddev	.00127	.00070	.00056	.00340	.00052	.00273	.00063	.00005
%RSD	67.037	25.521	7.6850	317.74	37.305	2.5348	.69131	164.66

#1	.00279	-.00225	.00689	.00347	-.00102	.10593	.09064	-.00006
#2	.00100	-.00324	.00769	-.00133	-.00175	.10979	.09153	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	17.801	-.00019	.00507	.00283	.62630	.72899	.77467
Stddev	.00007	.150	.00003	.00016	.00005	.00550	.00950	.03214
%RSD	95.017	.84352	17.741	3.1600	1.8898	.87754	1.3026	4.1485

#1	.00013	17.694	-.00016	.00496	.00286	.62242	.72227	.75194
#2	.00002	17.907	-.00021	.00519	.00279	.63019	.73570	.79739

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00522	.00002	269.91	.00013	.02038	.99712	-.00002	.00353
Stddev	.00007	.00074	.41	.00015	.00023	.02199	.00010	.00305
%RSD	1.2983	3580.4	.15238	119.05	1.1142	2.2052	627.95	86.461

#1	.00527	-.00051	270.21	.00002	.02054	.98157	-.00009	.00568
#2	.00518	.00055	269.62	.00023	.02022	1.0127	.00006	.00137

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14545	.38654	.00012	.00051	.01514	.0026	.04853	2.3935
Stddev	.00056	.00251	.00050	.00063	.00083	.0001	.00021	.3811
%RSD	.38689	.64923	409.68	123.68	5.4834	2.461	.44224	15.925

#1	.14585	.38477	.00048	.00006	.01455	.0027	.04838	2.6630
#2	.14506	.38831	-.00023	.00096	.01572	.0026	.04868	2.1240

Sample Name: J5770-04 Acquired: 11/13/2018 20:21:51 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OR-01-111218 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.90376
Stddev	.00666
%RSD	.73671

#1	.89906
#2	.90847

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2894.4	40537.	4915.8	122.49	3009.6
Stddev	.6	386.	6.9	2.06	.5
%RSD	.01972	.95232	.14070	1.6837	.01540

#1	2894.9	40810.	4920.7	121.03	3009.3
#2	2894.0	40264.	4910.9	123.95	3009.9

Sample Name: J5908-04 Acquired: 11/13/2018 20:26:01 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-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	-.00258	-.00185	.00127	.00035	.00087	.07701	.07156	-.00002
Stddev	.00264	.00072	.00059	.00182	.00016	.01126	.00064	.00001
%RSD	102.33	39.006	46.531	520.03	18.268	14.626	.89675	46.507

#1	-.00445	-.00134	.00169	-.00094	.00098	.08498	.07201	-.00001
#2	-.00071	-.00237	.00085	.00164	.00076	.06905	.07110	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	6.8465	.00054	-.00010	.00295	.01917	.10832	1.3921
Stddev	.00007	.0294	.00052	.00001	.00027	.00717	.00058	.0365
%RSD	81.913	.42893	97.171	11.376	9.1718	37.398	.53625	2.6194

#1	-.00013	6.8673	.00017	-.00010	.00314	.01410	.10791	1.4179
#2	-.00004	6.8257	.00091	-.00009	.00276	.02424	.10873	1.3663

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00049	248.31	-.00037	.01085	.76245	-.00013	.00793
Stddev	.00049	.00065	2.80	.00012	.00005	.04536	.00007	.00407
%RSD	27.613	131.89	1.1266	31.581	.41538	5.9492	57.676	51.312

#1	.00144	-.00095	250.28	-.00029	.01082	.73038	-.00008	.00505
#2	.00214	-.00003	246.33	-.00046	.01088	.79453	-.00018	.01080

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28588	.24228	-.00081	.00189	.01421	.0038	.03084	1.2400
Stddev	.00039	.00402	.00030	.00068	.00004	.0011	.00026	.3466
%RSD	.13751	1.6588	37.138	36.066	.26424	28.26	.83298	27.952

#1	.28616	.24512	-.00060	.00238	.01419	.0046	.03102	.99490
#2	.28561	.23944	-.00102	.00141	.01424	.0031	.03065	1.4851

Sample Name: J5908-04 Acquired: 11/13/2018 20:26:01 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-2-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1442
 Stddev .0597
 %RSD 5.2168

#1 1.1020
 #2 1.1864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.5	40708.	4890.6	123.04	3051.4
Stddev	11.5	95.	47.4	1.51	3.3
%RSD	.39492	.23244	.96865	1.2260	.10692

#1	2912.3	40775.	4857.1	124.11	3049.1
#2	2928.6	40641.	4924.1	121.98	3053.7

Sample Name: CCV09 Acquired: 11/13/2018 20:30:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14184 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0208	4.8117	5.1783	4.8116	5.1313	9.7400	10.013	.25428
Stddev	.0031	.0062	.0045	.0003	.0058	.0496	.165	.00083
%RSD	.06192	.12871	.08706	.00641	.11223	.50931	1.6509	.32742
#1	5.0186	4.8074	5.1751	4.8118	5.1353	9.7049	9.8965	.25369
#2	5.0230	4.8161	5.1815	4.8114	5.1272	9.7750	10.130	.25487
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4895	25.421	.95632	2.5402	1.2353	4.8201	2.5837	24.242
Stddev	.0005	.537	.00179	.0034	.0005	.2188	.0034	.493
%RSD	.01875	2.1119	.18690	.13204	.03703	4.5384	.13035	2.0356
#1	2.4891	25.041	.95505	2.5378	1.2356	4.6654	2.5814	23.893
#2	2.4898	25.801	.95758	2.5425	1.2350	4.9748	2.5861	24.591
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4028	1.1961	23.301	2.3368	2.4986	24.974	4.7438	4.6522
Stddev	.0006	.0028	.408	.0043	.1026	.443	.0006	.0341
%RSD	.02360	.23506	1.7501	.18302	4.1074	1.7721	.01157	.73327
#1	2.4032	1.1981	23.012	2.3338	2.4260	24.661	4.7435	4.6281
#2	2.4024	1.1941	23.589	2.3398	2.5711	25.287	4.7442	4.6763
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4304	5.1618	4.5637	4.9429	4.7691	4.762	4.8256	F 1.7274
Stddev	.0036	.0926	.0023	.0176	.0838	.010	.0469	.1096
%RSD	.08076	1.7932	.04945	.35606	1.7569	.2097	.97219	6.3435
#1	4.4329	5.0964	4.5621	4.9304	4.7098	4.755	4.7924	1.8049
#2	4.4278	5.2273	4.5652	4.9553	4.8283	4.769	4.8587	1.6499

Sample Name: CCV09 Acquired: 11/13/2018 20:30:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14184 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9035
Stddev .4912
%RSD 16.918

#1 2.5562
#2 3.2508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.1	41998.	4960.1	120.17	3072.1
Stddev	3.0	101.	77.5	4.80	.8
%RSD	.10193	.23977	1.5634	3.9955	.02584

#1	2969.0	42069.	5014.9	123.57	3071.5
#2	2973.3	41927.	4905.3	116.78	3072.6

Sample Name: CCB09 Acquired: 11/13/2018 20:34:01 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14184 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00020	.00049	.00048	.00099	.01080	.00011
Stddev	.00033	.00070	.00035	.00014	.00248	.00365	.00084
%RSD	45.793	345.48	71.533	28.484	251.04	33.835	774.75

#1	-.00048	-.00070	.00024	.00038	.00274	.01338	.00070
#2	-.00095	.00029	.00073	.00058	-.00077	.00822	-.00049

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	.01213	-.00023	-.00002	-.00014	-.00130
Stddev	.00005	.00003	.01768	.00024	.00004	.00053	.00272
%RSD	176.40	176.09	145.79	105.67	291.31	383.39	208.66

#1	.00001	.00000	.02463	-.00006	.00002	.00024	-.00322
#2	-.00006	-.00003	-.00037	-.00040	-.00005	-.00052	.00062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.01497	.00147	-.00047	.09528	.00005	.00029
Stddev	.00004	.00756	.00007	.00020	.00408	.00005	.00001
%RSD	33.790	50.499	4.4788	42.996	4.2872	95.353	2.9740

#1	-.00015	.00962	.00152	-.00033	.09816	.00002	.00028
#2	-.00009	.02031	.00142	-.00061	.09239	.00009	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17265	.00036	-.00047	F -.04105	-.00388	-.00063	-.00056
Stddev	.02758	.00009	.00304	.00024	.00126	.00069	.00037
%RSD	15.973	23.782	647.54	.57581	32.551	109.38	66.031

#1	.15315	.00043	.00168	-.04121	-.00478	-.00014	-.00082
#2	.19215	.00030	-.00262	-.04088	-.00299	-.00113	-.00030

Sample Name: CCB09 Acquired: 11/13/2018 20:34:01 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14184 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00704	-.0009	-.00000	F<.00000	F 1.1280
Stddev	.00009	.0000	.00007	.37671	.0693
%RSD	1.2558	.6033	11627.	26.531	6.1427

#1	.00698	-.0009	-.00005	-1.6863	1.1770
#2	.00710	-.0009	.00005	-1.1535	1.0790

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.5	44347.	4987.3	128.28	3512.8
Stddev	2.4	222.	30.7	1.04	10.9
%RSD	.07584	.50046	.61476	.80844	.30976

#1	3120.2	44190.	5008.9	129.02	3505.1
#2	3116.8	44504.	4965.6	127.55	3520.5

Sample Name: J5908-08 Acquired: 11/13/2018 20:38:06 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-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	.00095	-.00304	.01437	.00099	.00084	.09149	.08619	-.00005
Stddev	.00093	.00049	.00065	.00031	.00127	.01356	.00029	.00001
%RSD	98.062	16.064	4.5184	31.850	150.81	14.824	.33393	20.824

#1	.00029	-.00338	.01391	.00121	.00174	.08190	.08639	-.00006
#2	.00161	-.00269	.01482	.00076	-.00006	.10108	.08599	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	22.908	.00015	.00167	.00693	.04262	.33970	4.3280
Stddev	.00005	.039	.00011	.00010	.00026	.00451	.00429	.0178
%RSD	30.154	.16988	70.163	5.9492	3.7520	10.571	1.2632	.41204

#1	.00013	22.880	.00008	.00160	.00711	.03943	.33666	4.3154
#2	.00020	22.935	.00023	.00174	.00675	.04580	.34273	4.3406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.00007	285.96	-.00031	.02028	.75419	.00005	.01457
Stddev	.00017	.00000	1.70	.00011	.00083	.03285	.00002	.00129
%RSD	7.1875	2.9977	.59412	34.184	4.1093	4.3553	32.053	8.8437

#1	.00256	-.00007	284.76	-.00038	.01969	.73097	.00006	.01549
#2	.00231	-.00007	287.16	-.00023	.02087	.77742	.00004	.01366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40646	.65607	.00172	.00232	.01105	.0034	.07130	3.2553
Stddev	.00335	.00203	.00022	.00161	.00000	.0005	.00025	.0900
%RSD	.82351	.30932	12.831	69.349	.02516	14.39	.35604	2.7651

#1	.40883	.65751	.00188	.00345	.01104	.0030	.07148	3.1916
#2	.40410	.65464	.00156	.00118	.01105	.0037	.07112	3.3189

Sample Name: J5908-08 Acquired: 11/13/2018 20:38:06 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-3-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.88310
Stddev	.19697
%RSD	22.304

#1	.74382
#2	1.0224

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.8	39277.	4796.8	118.38	2963.2
Stddev	8.8	493.	11.2	3.95	7.7
%RSD	.31012	1.2550	.23244	3.3400	.25996

#1	2846.5	39626.	4804.7	121.18	2957.8
#2	2859.0	38929.	4788.9	115.58	2968.7

Sample Name: J5908-12 Acquired: 11/13/2018 20:42:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-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	-.00112	-.00351	.01503	.00438	-.00011	.07800	.06502	-.00000
Stddev	.00031	.00046	.00051	.00062	.00030	.02240	.00017	.00001
%RSD	27.717	13.206	3.4269	14.088	280.86	28.717	.26006	3194.7

#1	-.00134	-.00318	.01539	.00482	.00010	.09384	.06514	.00001
#2	-.00090	-.00384	.01466	.00395	-.00032	.06216	.06490	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	14.926	.00060	.00042	.00821	.02670	.35187	1.5735
Stddev	.00009	.036	.00005	.00012	.00030	.00905	.00053	.0110
%RSD	19.194	.24174	7.6423	28.175	3.7079	33.909	.14944	.69825

#1	.00053	14.901	.00064	.00034	.00799	.02030	.35150	1.5812
#2	.00041	14.952	.00057	.00051	.00843	.03310	.35224	1.5657

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00011	303.18	-.00029	.02385	.96340	-.00003	.00470
Stddev	.00001	.00058	4.02	.00035	.00078	.03637	.00005	.00483
%RSD	.42830	532.86	1.3253	119.06	3.2899	3.7755	152.43	102.86

#1	.00318	.00051	300.34	-.00054	.02329	.93768	-.00007	.00128
#2	.00320	-.00030	306.02	-.00005	.02440	.98912	.00000	.00811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06496	.61149	.00076	.00233	.01672	.0187	.04900	1.7871
Stddev	.00024	.00646	.00014	.00046	.00003	.0002	.00022	.6183
%RSD	.36699	1.0572	18.156	19.498	.18526	.9414	.45038	34.601

#1	.06479	.60692	.00085	.00266	.01670	.0186	.04884	1.3498
#2	.06513	.61606	.00066	.00201	.01675	.0188	.04915	2.2243

Sample Name: J5908-12 Acquired: 11/13/2018 20:42:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-4-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .84949
Stddev .13966
%RSD 16.440

#1 .94825
#2 .75074

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.8	39749.	4809.5	120.10	2985.7
Stddev	1.1	91.	48.4	3.66	4.9
%RSD	.03940	.22842	1.0066	3.0470	.16416

#1	2877.0	39814.	4843.7	122.68	2989.2
#2	2878.6	39685.	4775.2	117.51	2982.2

Sample Name: J5908-16 Acquired: 11/13/2018 20:46:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-5-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	-.00175	-.00289	.00570	.00235	.00138	.06547	.11074	-.00002
Stddev	.00291	.00084	.00080	.00095	.00185	.00773	.00052	.00000
%RSD	166.36	28.955	14.049	40.431	133.89	11.811	.46598	12.799

#1	.00031	-.00348	.00513	.00168	.00007	.07094	.11037	-.00002
#2	-.00381	-.00230	.00627	.00302	.00269	.06000	.11110	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	16.818	.00039	.00015	.00641	.00975	.22395	1.4406
Stddev	.00008	.108	.00009	.00012	.00012	.00230	.00018	.0193
%RSD	130.44	.64492	23.991	77.829	1.8020	23.578	.07981	1.3423

#1	.00000	16.741	.00046	.00024	.00649	.01137	.22408	1.4269
#2	.00011	16.894	.00032	.00007	.00633	.00812	.22383	1.4542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	-.00033	276.23	-.00037	.01400	.86091	-.00004	.00567
Stddev	.00002	.00034	.23	.00019	.00028	.02694	.00011	.00211
%RSD	1.2842	104.14	.08287	50.829	1.9715	3.1288	267.53	37.159

#1	.00144	-.00009	276.07	-.00024	.01381	.84186	-.00012	.00418
#2	.00147	-.00057	276.40	-.00051	.01420	.87996	.00004	.00716

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09302	.41192	.00032	.00030	.01637	.0091	.04903	2.1400
Stddev	.00046	.00223	.00014	.00099	.00166	.0011	.00019	.1663
%RSD	.49750	.54059	45.266	332.26	10.132	11.92	.38882	7.7717

#1	.09335	.41349	.00042	.00100	.01520	.0083	.04916	2.2576
#2	.09269	.41034	.00022	-.00040	.01754	.0099	.04889	2.0224

Sample Name: J5908-16 Acquired: 11/13/2018 20:46:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-5-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.89388
Stddev	.27828
%RSD	31.132

#1	1.0907
#2	.69711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.6	39942.	4770.0	117.92	2978.8
Stddev	5.6	159.	11.5	1.64	1.9
%RSD	.19556	.39822	.24022	1.3942	.06245

#1	2866.6	39830.	4778.1	119.08	2977.5
#2	2874.6	40055.	4761.9	116.76	2980.1

Sample Name: J5908-20 Acquired: 11/13/2018 20:50:33 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00089	-.00270	.00147	.00170	.00103	.08756	.10579	.00005
Stddev	.00052	.00086	.00071	.00171	.00021	.00198	.00041	.00007
%RSD	58.602	31.746	48.135	100.37	20.883	2.2593	.38423	139.74

#1	-.00126	-.00330	.00197	.00049	.00088	.08616	.10608	.00010
#2	-.00052	-.00209	.00097	.00291	.00118	.08896	.10551	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.9440	.00091	-.00030	.00434	.01980	.13948	1.3513
Stddev	.00010	.0461	.00005	.00008	.00011	.00126	.00040	.0157
%RSD	686.62	.66458	5.6041	27.051	2.4737	6.3571	.28531	1.1649

#1	-.00006	6.9766	.00088	-.00035	.00441	.02068	.13920	1.3624
#2	.00008	6.9113	.00095	-.00024	.00426	.01891	.13976	1.3401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00002	256.96	-.00052	.02879	.70945	.00018	.00093
Stddev	.00019	.00013	2.00	.00004	.00005	.01952	.00014	.00136
%RSD	10.735	508.80	.77866	8.1216	.15975	2.7520	73.926	145.49

#1	.00165	-.00006	258.37	-.00049	.02882	.69565	.00009	.00190
#2	.00192	.00011	255.54	-.00055	.02876	.72326	.00028	-.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35549	.18090	.00067	.00033	.01554	.0052	.04569	.77792
Stddev	.00242	.00225	.00038	.00127	.00048	.0010	.00041	.01903
%RSD	.68147	1.2421	55.922	388.43	3.0679	18.44	.89488	2.4461

#1	.35721	.18249	.00094	-.00057	.01520	.0059	.04598	.79138
#2	.35378	.17931	.00041	.00123	.01587	.0045	.04540	.76447

Sample Name: J5908-20 Acquired: 11/13/2018 20:50:33 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-8 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1430
Stddev .3130
%RSD 27.382

#1 .92168
#2 1.3643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.8	39980.	4765.6	118.99	2993.5
Stddev	14.4	123.	35.1	.78	17.1
%RSD	.49964	.30865	.73609	.65367	.57278

#1	2863.7	39892.	4740.8	118.44	2981.3
#2	2884.0	40067.	4790.4	119.54	3005.6

Sample Name: J5908-24 Acquired: 11/13/2018 20:54:44 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-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	-.00407	-.00176	.00247	.00009	-.00095	.06495	.06729	-.00005
Stddev	.00145	.00145	.00012	.00230	.00061	.00831	.00080	.00003
%RSD	35.578	82.220	5.0362	2524.2	64.789	12.795	1.1868	50.192

#1	-.00509	-.00074	.00256	-.00154	-.00138	.05907	.06672	-.00007
#2	-.00304	-.00279	.00238	.00172	-.00051	.07082	.06785	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	8.0116	.00018	-.00018	.00392	.01183	.22679	2.2907
Stddev	.00001	.0598	.00015	.00005	.00009	.00385	.00000	.0435
%RSD	30.654	.74621	86.814	29.094	2.3061	32.521	.00207	1.9011

#1	.00005	7.9693	.00029	-.00014	.00398	.00911	.22678	2.2599
#2	.00003	8.0539	.00007	-.00022	.00385	.01455	.22679	2.3215

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00005	233.25	-.00013	.01338	.64202	-.00010	.00723
Stddev	.00026	.00017	.75	.00052	.00020	.01957	.00003	.00139
%RSD	29.323	359.44	.32146	401.22	1.4871	3.0481	29.242	19.170

#1	.00106	.00007	233.78	.00024	.01352	.62818	-.00008	.00625
#2	.00070	-.00017	232.72	-.00049	.01324	.65586	-.00013	.00821

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93733	.17309	-.00054	.00140	.01378	.0039	.03146	1.8991
Stddev	.00152	.00054	.00003	.00091	.00063	.0003	.00013	.6181
%RSD	.16234	.30999	4.8892	65.471	4.5583	8.084	.41050	32.547

#1	.93625	.17271	-.00056	.00204	.01422	.0037	.03137	1.4620
#2	.93840	.17347	-.00052	.00075	.01333	.0041	.03156	2.3361

Sample Name: J5908-24 Acquired: 11/13/2018 20:54:44 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-7-S Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .78697
 Stddev .09413
 %RSD 11.962

#1 .72041
 #2 .85353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.8	39697.	4784.0	119.88	3006.6
Stddev	9.7	57.	3.6	1.15	.6
%RSD	.33862	.14380	.07491	.95851	.02156

#1	2867.9	39738.	4786.5	119.07	3006.1
#2	2881.7	39657.	4781.5	120.69	3007.1

Sample Name: J5908-28 Acquired: 11/13/2018 20:58:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SR-6-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	-.00289	.00186	.00196	.00093	.05734	.09224	.00002
Stddev	.00064	.00094	.00131	.00162	.00055	.00104	.00027	.00006
%RSD	67.990	32.676	70.322	82.359	58.724	1.8105	.29096	310.14

#1	-.00049	-.00222	.00093	.00311	.00132	.05807	.09243	-.00002
#2	-.00139	-.00356	.00278	.00082	.00054	.05660	.09205	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	12.569	.00076	.00005	.00333	.01812	.18210	2.2895
Stddev	.00014	.020	.00022	.00008	.00010	.00388	.00015	.0290
%RSD	7348.3	.15842	28.927	151.12	2.9726	21.394	.08126	1.2658

#1	-.00009	12.583	.00061	-.00000	.00326	.02086	.18199	2.2691
#2	.00010	12.555	.00092	.00011	.00340	.01538	.18220	2.3100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00018	252.29	.00021	.01558	.67206	.00018	.00494
Stddev	.00052	.00011	.88	.00013	.00039	.01133	.00013	.00539
%RSD	45.308	61.956	.34831	64.500	2.5237	1.6860	70.214	109.03

#1	.00078	-.00010	251.67	.00030	.01586	.66405	.00009	.00875
#2	.00151	-.00027	252.92	.00011	.01530	.68007	.00027	.00113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38106	.29169	.00069	.00112	.01355	.0033	.04394	2.1134
Stddev	.00274	.00861	.00098	.00016	.00046	.0016	.00011	.4064
%RSD	.71794	2.9521	142.39	14.278	3.3820	47.89	.26140	19.230

#1	.38299	.28560	.00139	.00101	.01323	.0044	.04386	2.4008
#2	.37912	.29778	-.00000	.00124	.01387	.0022	.04402	1.8261

Sample Name: J5908-28 Acquired: 11/13/2018 20:58:54 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SR-6-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.90113
Stddev	.20506
%RSD	22.756

#1	1.0461
#2	.75613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.4	39664.	4708.4	116.48	2989.7
Stddev	16.0	204.	26.1	3.08	13.2
%RSD	.55659	.51393	.55458	2.6406	.44165

#1	2862.1	39520.	4689.9	114.31	2980.3
#2	2884.7	39808.	4726.8	118.66	2999.0

Sample Name: J5909-04 Acquired: 11/13/2018 21:03:04 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-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	.00304	-.00265	.00863	.00149	.00051	.15645	.12178	.00002
Stddev	.00010	.00150	.00069	.00222	.00024	.00204	.00033	.00000
%RSD	3.2569	56.608	8.0423	148.55	46.865	1.3057	.27088	1.4813

#1	.00311	-.00371	.00912	.00306	.00068	.15789	.12155	.00002
#2	.00297	-.00159	.00813	-.00008	.00034	.15500	.12201	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	15.816	.00044	.00062	.00312	.09724	.22204	.35224
Stddev	.00001	.027	.00000	.00025	.00005	.01116	.00064	.05671
%RSD	1520.2	.17093	.91962	41.307	1.7296	11.477	.28831	16.099

#1	.00001	15.796	.00044	.00080	.00308	.08935	.22249	.39234
#2	-.00001	15.835	.00043	.00044	.00316	.10513	.22159	.31214

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	-.00022	253.81	-.00042	.02016	.89096	-.00010	.00134
Stddev	.00005	.00006	2.25	.00017	.00042	.02300	.00001	.00961
%RSD	2.7474	28.573	.88800	40.122	2.1036	2.5811	8.0237	714.87

#1	.00203	-.00027	252.22	-.00054	.01986	.87469	-.00010	-.00545
#2	.00196	-.00018	255.40	-.00030	.02046	.90722	-.00009	.00814

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21517	1.9345	-.00023	.00051	.01480	.0062	.09503	1.7085
Stddev	.00517	.0010	.00050	.00125	.00084	.0000	.00058	.4552
%RSD	2.4044	.05431	213.77	243.37	5.6718	.3439	.61453	26.640

#1	.21883	1.9352	.00012	-.00037	.01540	.0062	.09461	2.0304
#2	.21151	1.9337	-.00059	.00140	.01421	.0062	.09544	1.3867

Sample Name: J5909-04 Acquired: 11/13/2018 21:03:04 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .35189
Stddev .28197
%RSD 80.129

#1 .15251
#2 .55127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2906.7	40097.	4772.0	119.37	3011.1
Stddev	35.2	124.	23.7	1.67	46.5
%RSD	1.2105	.31039	.49707	1.4020	1.5429

#1	2881.8	40009.	4755.2	120.55	2978.3
#2	2931.6	40185.	4788.7	118.18	3044.0

Sample Name: J5909-08 Acquired: 11/13/2018 21:07:14 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15-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	.00137	-.00201	.00090	.00124	.00038	.08144	.22696	.00012
Stddev	.00232	.00147	.00010	.00126	.00136	.00293	.00016	.00007
%RSD	169.68	72.979	10.847	101.63	358.29	3.6028	.06919	59.920

#1	.00301	-.00305	.00097	.00035	-.00058	.07936	.22707	.00017
#2	-.00027	-.00097	.00083	.00213	.00134	.08351	.22685	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	11.540	.00037	.00180	.00160	.90417	.87373	.46364
Stddev	.00011	.011	.00022	.00006	.00014	.01141	.00444	.05724
%RSD	451.74	.09279	58.735	3.4271	8.8419	1.2623	.50810	12.346

#1	.00005	11.533	.00052	.00184	.00150	.89610	.87059	.50412
#2	-.00010	11.548	.00022	.00175	.00170	.91224	.87687	.42317

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	-.00008	264.68	-.00014	.01914	.71182	.00004	.00334
Stddev	.00007	.00040	1.74	.00001	.00023	.01058	.00021	.00608
%RSD	3.5786	477.62	.65905	10.780	1.2130	1.4868	573.40	182.13

#1	.00199	.00020	265.92	-.00015	.01897	.71930	.00018	.00764
#2	.00209	-.00037	263.45	-.00013	.01930	.70434	-.00011	-.00096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01206	.36661	.00080	.00023	.01380	.0010	.03823	1.4226
Stddev	.00453	.00485	.00052	.00057	.00016	.0014	.00038	.0811
%RSD	37.573	1.3218	64.964	248.39	1.1392	140.7	.99389	5.6992

#1	.00886	.36318	.00043	-.00017	.01369	.0020	.03850	1.4799
#2	.01526	.37003	.00117	.00063	.01391	.0000	.03796	1.3652

Sample Name: J5909-08 Acquired: 11/13/2018 21:07:14 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-15-D Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3491
Stddev	.3428
%RSD	25.408

#1	1.1067
#2	1.5915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2902.9	40294.	4748.7	119.09	3003.2
Stddev	5.9	139.	18.6	2.04	11.4
%RSD	.20349	.34476	.39203	1.7170	.37978

#1	2907.1	40393.	4761.8	120.53	3011.3
#2	2898.8	40196.	4735.5	117.64	2995.2

Sample Name: J5909-12 Acquired: 11/13/2018 21:11:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-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	-.00189	-.00244	.00143	.00165	.00044	.17871	.09037	.00005
Stddev	.00222	.00139	.00155	.00024	.00013	.00030	.00070	.00001
%RSD	117.61	56.892	108.31	14.823	30.137	.16857	.76957	9.4952

#1	-.00346	-.00342	.00253	.00182	.00053	.17892	.08988	.00005
#2	-.00032	-.00146	.00033	.00147	.00035	.17850	.09086	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	10.467	.00079	.00067	.00309	1.2927	.20170	.43188
Stddev	.00007	.075	.00014	.00018	.00005	.0195	.00302	.01622
%RSD	129.28	.71603	18.200	26.265	1.5212	1.5084	1.4954	3.7547

#1	-.00011	10.414	.00089	.00080	.00313	1.3065	.20384	.42041
#2	-.00000	10.520	.00069	.00055	.00306	1.2789	.19957	.44334

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00235	.00026	215.59	.00021	.02566	1.0217	.00028	-.00702
Stddev	.00005	.00019	2.10	.00022	.00038	.0097	.00009	.00237
%RSD	1.9818	71.742	.97300	106.88	1.4905	.94708	34.150	33.775

#1	.00231	.00039	217.08	.00005	.02593	1.0149	.00035	-.00870
#2	.00238	.00013	214.11	.00037	.02539	1.0285	.00021	-.00534

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13575	.84461	-.00071	.00170	.01418	.0006	.05597	1.4511
Stddev	.00618	.01410	.00084	.00137	.00052	.0007	.00045	.3095
%RSD	4.5500	1.6700	118.17	80.824	3.6942	126.5	.80699	21.330

#1	.13138	.85458	-.00130	.00073	.01381	.0001	.05629	1.2322
#2	.14012	.83464	-.00012	.00267	.01455	.0010	.05565	1.6699

Sample Name: J5909-12 Acquired: 11/13/2018 21:11:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-17-S Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3675
Stddev .2331
%RSD 17.048

#1 1.2027
#2 1.5324

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.8	40559.	4816.4	120.44	3030.2
Stddev	22.0	38.	48.5	2.87	28.5
%RSD	.75417	.09333	1.0073	2.3827	.94017

#1	2930.3	40532.	4782.1	118.41	3050.3
#2	2899.2	40586.	4850.7	122.47	3010.0

Sample Name: J5910-04 Acquired: 11/13/2018 21:15:33 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	.00054	-.00132	.00142	.00088	-.00070	.06923	.05610	-.00004
Stddev	.00136	.00028	.00047	.00016	.00087	.01143	.00013	.00007
%RSD	253.16	20.980	33.054	17.660	124.36	16.510	.22744	161.28

#1	.00150	-.00113	.00175	.00077	-.00008	.06115	.05619	.00001
#2	-.00043	-.00152	.00109	.00099	-.00132	.07732	.05601	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	8.2812	.00082	.00010	.00113	.02625	.07216	1.2856
Stddev	.00007	.0181	.00044	.00005	.00031	.00828	.00038	.0103
%RSD	127.25	.21830	54.225	50.042	27.109	31.527	.52347	.79803

#1	-.00010	8.2684	.00050	.00013	.00135	.03210	.07243	1.2783
#2	-.00001	8.2940	.00113	.00006	.00091	.02040	.07189	1.2928

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	.00019	244.31	-.00042	.01375	.54967	.00000	.00936
Stddev	.00012	.00006	.72	.00008	.00001	.01533	.00014	.00029
%RSD	8.3087	32.021	.29530	18.248	.07967	2.7897	4285.5	3.1160

#1	.00155	.00014	243.80	-.00037	.01376	.53882	-.00010	.00915
#2	.00138	.00023	244.82	-.00048	.01375	.56051	.00010	.00957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08399	.33248	.00059	.00182	.01219	.0132	.03139	1.3596
Stddev	.00240	.00628	.00031	.00020	.00208	.0001	.00014	.1158
%RSD	2.8605	1.8890	52.251	10.893	17.094	1.094	.45761	8.5154

#1	.08569	.33692	.00081	.00168	.01367	.0131	.03150	1.2777
#2	.08230	.32804	.00038	.00196	.01072	.0133	.03129	1.4415

Sample Name: J5910-04 Acquired: 11/13/2018 21:15:33 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-4-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.97828
Stddev	.23468
%RSD	23.989

#1	.81234
#2	1.1442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2929.7	40417.	4776.1	119.92	3035.9
Stddev	2.7	250.	24.8	.21	6.3
%RSD	.09225	.61769	.51959	.17690	.20603

#1	2927.8	40240.	4758.6	119.77	3031.5
#2	2931.6	40593.	4793.7	120.07	3040.3

Sample Name: CCV10 Acquired: 11/13/2018 21:19:43 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9832	4.8481	5.1857	4.7777	5.0795	9.6359	10.091	.25526
Stddev	.0186	.0128	.0074	.0196	.0082	.0656	.037	.00179
%RSD	.37287	.26315	.14272	.41018	.16139	.68089	.36936	.70115
#1	4.9964	4.8572	5.1909	4.7916	5.0853	9.6823	10.117	.25653
#2	4.9701	4.8391	5.1804	4.7639	5.0737	9.5895	10.065	.25400
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5068	25.765	.97159	2.5429	1.2350	4.9632	2.6056	24.727
Stddev	.0062	.154	.00226	.0081	.0010	.0825	.0105	.122
%RSD	.24883	.59914	.23249	.32054	.07801	1.6616	.40355	.49283
#1	2.5112	25.874	.97319	2.5487	1.2356	4.9049	2.6130	24.813
#2	2.5024	25.656	.96999	2.5372	1.2343	5.0215	2.5981	24.640
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4241	1.2069	23.724	2.3775	2.5975	25.199	4.7800	4.7014
Stddev	.0014	.0051	.058	.0045	.0378	.042	.0059	.0240
%RSD	.05564	.42081	.24475	.18698	1.4535	.16476	.12435	.51043
#1	2.4250	1.2105	23.765	2.3806	2.5708	25.229	4.7842	4.6845
#2	2.4231	1.2033	23.683	2.3744	2.6242	25.170	4.7758	4.7184
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4436	5.2585	4.6505	4.9849	4.8249	4.778	4.9538	F 1.4076
Stddev	.0011	.0027	.0030	.0034	.0216	.003	.0124	.1452
%RSD	.02574	.05198	.06486	.06715	.44842	.0554	.25066	10.313
#1	4.4445	5.2566	4.6527	4.9825	4.8402	4.776	4.9626	1.5103
#2	4.4428	5.2604	4.6484	4.9873	4.8096	4.780	4.9450	1.3050

Sample Name: CCV10 Acquired: 11/13/2018 21:19:43 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8326
Stddev .5473
%RSD 19.322

#1 3.2196
#2 2.4456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.0	41982.	4851.6	116.54	3094.5
Stddev	6.2	94.	8.4	1.66	5.7
%RSD	.20548	.22396	.17224	1.4232	.18497

#1	3007.6	41916.	4845.7	117.71	3090.4
#2	3016.4	42049.	4857.5	115.36	3098.5

Sample Name: CCB10 Acquired: 11/13/2018 21:23:28 Type: Unk
Method: P4-ICP2(v2577) 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	-.00185	-.00008	.00003	-.00136	.00049	.01121	-.00009
Stddev	.00260	.00041	.00040	.00064	.00056	.01582	.00023
%RSD	140.84	517.69	1240.4	46.975	114.43	141.11	245.31

#1	-.00369	.00021	.00032	-.00182	.00009	.00002	-.00025
#2	-.00001	-.00037	-.00025	-.00091	.00089	.02239	.00007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00006	.00201	-.00015	.00001	-.00013	-.00645
Stddev	.00005	.00001	.00703	.00028	.00002	.00053	.00534
%RSD	155.17	22.521	349.81	190.25	362.56	413.37	82.798

#1	.00006	-.00005	.00698	-.00035	-.00001	-.00050	-.00267
#2	-.00000	-.00007	-.00296	.00005	.00002	.00024	-.01022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01540	.00062	.00008	.18040	-.00001	.00027
Stddev	.00001	.02153	.00021	.00040	.01740	.00016	.00010
%RSD	15.176	139.83	33.235	485.36	9.6467	1151.7	36.291

#1	-.00009	-.00017	.00076	.00036	.19271	-.00012	.00020
#2	-.00007	-.03062	.00047	-.00020	.16810	.00010	.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12969	.00039	-.00430	F -.04034	-.00341	-.00076	.00016
Stddev	.04932	.00016	.00391	.00211	.00050	.00029	.00132
%RSD	38.030	40.191	90.976	5.2361	14.703	38.319	807.01

#1	.16456	.00050	-.00153	-.04183	-.00305	-.00055	-.00077
#2	.09481	.00028	-.00707	-.03885	-.00376	-.00096	.00110

Sample Name: CCB10 Acquired: 11/13/2018 21:23:28 Type: Unk
Method: P4-ICP2(v2577) 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 .00695	-.0002	.00006	F<.00000	F .89096
Stddev	.00063	.0008	.00004	.74406	.43444
%RSD	9.1332	327.0	71.856	51.544	48.762

#1	.00740	.0003	.00003	-1.9697	.58376
#2	.00650	-.0008	.00008	-.91743	1.1982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.9	43987.	4877.9	124.97	3520.7
Stddev	21.6	918.	23.8	1.46	23.2
%RSD	.68347	2.0872	.48839	1.1646	.65942

#1	3149.6	44636.	4894.8	126.00	3504.2
#2	3180.2	43338.	4861.1	123.94	3537.1

Sample Name: J5910-08 Acquired: 11/13/2018 21:27:33 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-4-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	-.00118	-.00284	.00094	.00060	.00184	.05573	.14051	.00003
Stddev	.00459	.00197	.00058	.00064	.00029	.00043	.00182	.00005
%RSD	390.13	69.356	62.184	105.11	15.806	.77314	1.2960	143.35

#1	-.00442	-.00145	.00135	.00016	.00204	.05604	.14180	-.00000
#2	.00207	-.00424	.00053	.00105	.00163	.05543	.13922	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	4.9633	-.00003	.00314	.00336	.00440	1.5616	.85967
Stddev	.00007	.0095	.00033	.00025	.00007	.00251	.0015	.00419
%RSD	526.04	.19033	1134.8	7.9818	1.9573	57.009	.09840	.48784

#1	.00004	4.9700	.00020	.00297	.00341	.00263	1.5627	.85671
#2	-.00007	4.9566	-.00026	.00332	.00331	.00617	1.5605	.86264

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	.00034	275.43	-.00042	.01552	.45976	.00013	.00547
Stddev	.00013	.00039	.96	.00005	.00010	.00175	.00009	.00112
%RSD	5.1877	113.67	.34927	10.840	.67046	.38109	70.273	20.388

#1	.00241	.00007	274.75	-.00039	.01545	.45852	.00019	.00468
#2	.00259	.00062	276.11	-.00045	.01560	.46100	.00007	.00626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20281	.22010	.00041	.00033	.00970	.0039	.02048	1.4057
Stddev	.00147	.00515	.00025	.00059	.00058	.0002	.00016	.0533
%RSD	.72580	2.3410	61.328	178.79	5.9669	5.749	.77368	3.7917

#1	.20385	.21646	.00023	.00075	.00929	.0037	.02059	1.3680
#2	.20177	.22374	.00059	-.00009	.01011	.0040	.02036	1.4434

Sample Name: J5910-08 Acquired: 11/13/2018 21:27:33 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-4-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0600
 Stddev .1355
 %RSD 12.784

#1 1.1558
 #2 .96418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.6	40103.	4748.2	119.08	3031.8
Stddev	25.0	49.	11.4	.04	23.7
%RSD	.85270	.12126	.23922	.03464	.78153

#1	2911.0	40068.	4756.2	119.11	3015.0
#2	2946.3	40137.	4740.1	119.05	3048.5

Sample Name: J5913-02 Acquired: 11/13/2018 21:31:44 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOC-19-PRE-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00236	.01896	.00367	.00251	.10332	.15729	-.00004
Stddev	.00025	.00065	.00060	.00126	.00074	.00987	.00605	.00004
%RSD	503.62	27.412	3.1599	34.218	29.591	9.5563	3.8495	113.98

#1	.00013	-.00282	.01938	.00279	.00198	.09634	.16157	-.00007
#2	-.00023	-.00191	.01853	.00456	.00303	.11031	.15301	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	81.875	.01047	.01139	.01128	.18901	.82344	2.5330
Stddev	.00011	2.501	.00009	.00015	.00011	.00053	.00005	.1468
%RSD	5.5900	3.0551	.89263	1.3386	.94059	.28060	.00592	5.7940

#1	.00211	83.644	.01040	.01150	.01135	.18938	.82341	2.6368
#2	.00195	80.106	.01053	.01129	.01120	.18863	.82348	2.4292

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01872	-.00002	287.54	.00054	.75348	1.3946	-.00002	.00411
Stddev	.00048	.00051	8.91	.00038	.01929	.0337	.00022	.00074
%RSD	2.5657	2957.0	3.0997	69.980	2.5606	2.4151	1366.1	18.135

#1	.01906	.00035	293.84	.00080	.76712	1.4184	-.00017	.00463
#2	.01838	-.00038	281.23	.00027	.73984	1.3708	.00014	.00358

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6507	3.2980	.00051	.00076	.01662	.0052	.28274	4.2468
Stddev	.0032	.0833	.00035	.00068	.00024	.0004	.00963	.3159
%RSD	.19691	2.5274	68.493	90.427	1.4606	7.892	3.4069	7.4379

#1	1.6530	3.3570	.00076	.00027	.01679	.0055	.28955	4.4701
#2	1.6484	3.2391	.00027	.00124	.01644	.0049	.27593	4.0234

Sample Name: J5913-02 Acquired: 11/13/2018 21:31:44 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DOC-19-PRE-C Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.92943
Stddev	.09583
%RSD	10.310

#1	.99719
#2	.86167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.8	39753.	4678.5	115.64	2973.7
Stddev	16.9	92.	146.2	3.06	12.9
%RSD	.58400	.23161	3.1252	2.6426	.43312

#1	2881.8	39688.	4575.1	113.48	2964.6
#2	2905.7	39818.	4781.9	117.80	2982.8

Sample Name: J5923-02 Acquired: 11/13/2018 21:35:52 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00335	.00774	.00093	.00032	.34538	.07005	.00018
Stddev	.00094	.00049	.00051	.00249	.00058	.00455	.00016	.00005
%RSD	39.737	14.699	6.5656	266.98	178.50	1.3180	.22736	26.282

#1	.00304	-.00370	.00810	.00269	-.00008	.34216	.07016	.00021
#2	.00171	-.00300	.00738	-.00083	.00073	.34860	.06994	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	36.589	.00022	.00931	.00727	.49874	.93616	4.6479
Stddev	.00010	.025	.00059	.00011	.00005	.00918	.00076	.0281
%RSD	515.06	.06845	267.74	1.1794	.69145	1.8415	.08165	.60535

#1	.00009	36.572	.00064	.00939	.00731	.49224	.93561	4.6280
#2	-.00005	36.607	-.00020	.00923	.00724	.50523	.93670	4.6678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	-.00029	270.46	.00001	.03817	2.9987	-.00001	.00341
Stddev	.00011	.00000	4.47	.00018	.00051	.0291	.00015	.00326
%RSD	1.7313	.33604	1.6543	1381.3	1.3380	.97121	1513.5	95.643

#1	.00628	-.00029	267.29	-.00012	.03781	3.0193	-.00012	.00571
#2	.00644	-.00029	273.62	.00014	.03854	2.9781	.00010	.00110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01735	.96156	.00074	-.00152	.01642	.0017	.14709	4.3044
Stddev	.00115	.00289	.00082	.00022	.00056	.0011	.00047	.1535
%RSD	6.6456	.30031	110.65	14.191	3.3945	64.37	.31909	3.5649

#1	.01817	.95952	.00132	-.00167	.01603	.0024	.14676	4.1959
#2	.01654	.96360	.00016	-.00137	.01682	.0009	.14742	4.4129

Sample Name: J5923-02 Acquired: 11/13/2018 21:35:52 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1360
 Stddev .1075
 %RSD 9.4599

#1 1.0600
 #2 1.2120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.2	39717.	4756.8	117.91	2989.6
Stddev	6.3	14.	25.7	1.80	11.4
%RSD	.21682	.03587	.54113	1.5302	.38088

#1	2911.7	39727.	4775.0	119.18	2981.6
#2	2920.7	39707.	4738.6	116.63	2997.7

Sample Name: J5924-02 Acquired: 11/13/2018 21:40:02 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: MS2-OIL-DEBR Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00256	-.00161	.00015	.00000	.00171	.00981	.12387	-.00009
Stddev	.00169	.00070	.00021	.00084	.00075	.01784	.00155	.00004
%RSD	65.941	43.765	136.97	19060.	43.764	181.81	1.2545	48.658

#1	-.00136	-.00211	.00000	-.00059	.00224	-.00280	.12277	-.00012
#2	-.00375	-.00111	.00030	.00060	.00118	.02243	.12497	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.22397	.00062	-.00022	.00055	.00559	.00048	.00930
Stddev	.00005	.00626	.00010	.00007	.00022	.00026	.00000	.02160
%RSD	157.00	2.7946	16.864	33.723	40.318	4.7137	.54899	232.23

#1	-.00007	.21955	.00054	-.00027	.00070	.00578	.00048	-.00597
#2	.00000	.22840	.00069	-.00017	.00039	.00540	.00048	.02458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	-.00078	256.38	-.00042	.12397	.49908	.00004	.01982
Stddev	.00030	.00005	.21	.00051	.00283	.02124	.00026	.00865
%RSD	10.370	6.9809	.08117	120.79	2.2859	4.2550	712.81	43.649

#1	.00308	-.00074	256.53	-.00006	.12597	.51410	.00022	.02594
#2	.00266	-.00082	256.24	-.00078	.12196	.48406	-.00014	.01370

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15175	.02050	-.00014	.00240	.01419	.0020	.00188	.98323
Stddev	.00078	.00273	.00106	.00163	.00064	.0003	.00000	.01021
%RSD	.51295	13.328	774.13	67.906	4.5304	16.52	.05374	1.0388

#1	.15120	.02243	-.00088	.00125	.01373	.0022	.00188	.99045
#2	.15230	.01857	.00061	.00355	.01464	.0018	.00188	.97601

Sample Name: J5924-02 Acquired: 11/13/2018 21:40:02 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS2-OIL-DEBR Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4108
Stddev	.1454
%RSD	10.306

#1	1.5137
#2	1.3080

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.5	40169.	4741.3	118.55	3036.7
Stddev	7.6	92.	14.2	3.06	2.6
%RSD	.26134	.22869	.29936	2.5798	.08514

#1	2920.1	40104.	4751.4	116.38	3038.5
#2	2930.9	40234.	4731.3	120.71	3034.8

Sample Name: J5924-04 Acquired: 11/13/2018 21:44:13 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS2-OILY-DEB 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	-.00245	.00024	.00135	.00214	.01609	.22225	-.00011
Stddev	.00024	.00048	.00009	.00061	.00040	.01108	.00054	.00000
%RSD	15.066	19.681	35.994	45.016	18.652	68.900	.24171	1.3205

#1	-.00179	-.00211	.00030	.00178	.00186	.02392	.22187	-.00011
#2	-.00144	-.00280	.00018	.00092	.00242	.00825	.22263	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	2.1963	.00042	-.00019	.00445	.01119	.01656	.20177
Stddev	.00002	.0072	.00016	.00005	.00004	.00215	.00012	.03665
%RSD	21.600	.32912	38.780	27.028	.82554	19.181	.74365	18.164

#1	-.00007	2.1911	.00031	-.00015	.00447	.00967	.01647	.22768
#2	-.00009	2.2014	.00054	-.00022	.00442	.01271	.01664	.17585

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	-.00032	235.94	-.00044	.37017	.51306	.00035	.03074
Stddev	.00030	.00020	3.20	.00028	.00062	.02371	.00003	.00197
%RSD	9.7483	61.363	1.3563	62.673	.16850	4.6220	8.7880	6.3942

#1	.00287	-.00018	233.68	-.00025	.36973	.49630	.00038	.02935
#2	.00329	-.00046	238.20	-.00064	.37061	.52983	.00033	.03213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22325	.05505	.00032	.00204	.03704	.0608	.00758	1.0799
Stddev	.00708	.00026	.00007	.00041	.00173	.0005	.00003	.4307
%RSD	3.1697	.46796	20.747	20.311	4.6766	.8587	.42968	39.881

#1	.22825	.05486	.00037	.00233	.03581	.0612	.00755	1.3844
#2	.21824	.05523	.00027	.00175	.03826	.0604	.00760	.77536

Sample Name: J5924-04 Acquired: 11/13/2018 21:44:13 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS2-OILY-DEB Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.71520
Stddev	.23934
%RSD	33.466

#1	.54595
#2	.88444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2903.0	40120.	4712.3	118.77	3014.9
Stddev	43.9	9.	7.2	.18	56.8
%RSD	1.5139	.02351	.15176	.15380	1.8836

#1	2872.0	40113.	4717.4	118.90	2974.8
#2	2934.1	40126.	4707.3	118.64	3055.1

Sample Name: J5907-18 Acquired: 11/13/2018 21:48:24 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-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	-.00091	-.00221	.00066	.00161	-.00086	.01062	.04416	-.00013
Stddev	.00240	.00002	.00037	.00117	.00073	.00157	.00086	.00005
%RSD	265.49	1.0734	56.766	72.940	85.135	14.741	1.9422	34.184
#1	-.00260	-.00220	.00092	.00078	-.00137	.00951	.04355	-.00010
#2	.00079	-.00223	.00039	.00244	-.00034	.01173	.04476	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	36.954	.00048	.00059	.00183	-.00243	.98254	6.8889
Stddev	.00008	.119	.00027	.00011	.00016	.00531	.02263	.0765
%RSD	99.929	.32323	56.657	18.432	8.8486	218.78	2.3037	1.1102
#1	-.00002	37.039	.00067	.00051	.00171	-.00618	.96653	6.8348
#2	-.00014	36.870	.00029	.00066	.00194	.00133	.99854	6.9430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	-.00023	18.008	.00022	.03796	3.8639	.00217	.04673
Stddev	.00031	.00000	.024	.00012	.00034	.0061	.00021	.00051
%RSD	20.194	1.2036	.13073	53.509	.88999	.15880	9.5303	1.0882
#1	.00176	-.00024	18.025	.00013	.03820	3.8596	.00232	.04637
#2	.00132	-.00023	17.991	.00030	.03772	3.8683	.00203	.04709
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.683	2.3199	-.00685	.00013	.01103	.0074	.13052	1.1710
Stddev	.057	.0074	.00011	.00098	.00153	.0016	.00080	.3745
%RSD	.34315	.31989	1.6195	738.91	13.905	22.11	.61421	31.984
#1	16.723	2.3146	-.00677	.00082	.00995	.0086	.12996	.90618
#2	16.642	2.3251	-.00693	-.00056	.01212	.0063	.13109	1.4359

Sample Name: J5907-18 Acquired: 11/13/2018 21:48:24 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3-GW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.64084
Stddev	.33543
%RSD	52.342

#1	.40366
#2	.87803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.2	42644.	4812.8	120.48	3305.1
Stddev	2.9	567.	2.1	.36	5.1
%RSD	.09445	1.3289	.04284	.29566	.15366

#1	3049.2	43045.	4811.4	120.23	3301.5
#2	3053.3	42243.	4814.3	120.73	3308.7

Sample Name: J5909-14 Acquired: 11/13/2018 21:52:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00298	.00097	.00164	-.00034	.03224	.24533	-.00008
Stddev	.00093	.00059	.00003	.00134	.00023	.00812	.00056	.00000
%RSD	1512.2	19.961	3.0850	81.750	68.693	25.193	.22670	1.2989

#1	.00060	-.00340	.00095	.00069	-.00050	.02650	.24572	-.00008
#2	-.00072	-.00256	.00099	.00258	-.00017	.03798	.24493	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	22.914	-.00135	.00169	.00068	.01131	2.1326	1.7981
Stddev	.00015	.141	.00001	.00017	.00039	.00335	.1105	.0132
%RSD	295.76	.61468	.62871	10.074	58.190	29.620	5.1799	.73338

#1	.00006	22.815	-.00134	.00181	.00095	.01368	2.0545	1.7887
#2	-.00016	23.014	-.00136	.00157	.00040	.00894	2.2107	1.8074

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00048	95.570	.00003	.02593	1.2041	.00018	.01583
Stddev	.00010	.00018	.494	.00029	.00030	.0221	.00015	.00911
%RSD	54.316	37.789	.51689	1081.5	1.1503	1.8376	83.345	57.519

#1	.00026	-.00061	95.221	-.00018	.02572	1.1884	.00029	.00939
#2	.00012	-.00035	95.920	.00023	.02614	1.2197	.00007	.02227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60805	2.0734	-.00107	.00074	.00680	-.0002	.15262	1.8381
Stddev	.00404	.0459	.00098	.00157	.00068	.0000	.00007	.8872
%RSD	.66468	2.2113	90.966	212.06	9.9646	29.45	.04853	48.265

#1	.61091	2.0409	-.00176	-.00037	.00728	-.0001	.15257	1.2108
#2	.60520	2.1058	-.00038	.00185	.00632	-.0002	.15268	2.4654

Sample Name: J5909-14 Acquired: 11/13/2018 21:52:26 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.70515
Stddev	.37004
%RSD	52.477

#1	.44349
#2	.96681

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.9	41978.	4824.5	120.43	3236.1
Stddev	33.2	1685.	12.9	2.50	34.6
%RSD	1.0863	4.0130	.26822	2.0728	1.0705

#1	3083.4	43169.	4815.3	122.20	3260.6
#2	3036.4	40787.	4833.6	118.67	3211.6

Sample Name: J5909-14DUP Acquired: 11/13/2018 21:56:30 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00315	.00070	.00062	-.00144	.03527	.23899	-.00013
Stddev	.00136	.00103	.00021	.00180	.00068	.00682	.00218	.00005
%RSD	134.45	32.638	30.307	289.35	47.065	19.335	.91138	40.927
#1	-.00198	-.00242	.00086	-.00065	-.00096	.03045	.24053	-.00009
#2	-.00005	-.00388	.00055	.00190	-.00192	.04009	.23745	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	22.490	-.00116	.00172	.00043	.00709	2.1501	1.7321
Stddev	.00009	.280	.00011	.00018	.00009	.00205	.0176	.0366
%RSD	97.028	1.2442	9.4344	10.575	21.596	28.962	.81729	2.1125
#1	-.00003	22.687	-.00123	.00184	.00050	.00564	2.1377	1.7579
#2	-.00015	22.292	-.00108	.00159	.00037	.00854	2.1625	1.7062
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00002	92.398	.00010	.02533	1.1404	.00008	.01246
Stddev	.00046	.00052	.545	.00015	.00035	.0022	.00034	.00748
%RSD	313.23	3282.1	.58993	154.94	1.3987	.18832	455.39	60.048
#1	.00048	.00039	92.784	-.00001	.02558	1.1389	.00032	.00717
#2	-.00018	-.00035	92.013	.00021	.02508	1.1419	-.00017	.01774
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60660	2.0081	-.00085	.00067	.00742	.0006	.14909	1.6982
Stddev	.00038	.0100	.00031	.00222	.00150	.0003	.00122	.2135
%RSD	.06239	.50013	36.440	332.01	20.181	41.39	.81812	12.571
#1	.60634	2.0152	-.00107	.00224	.00848	.0008	.14996	1.5473
#2	.60687	2.0010	-.00063	-.00090	.00636	.0004	.14823	1.8492

Sample Name: J5909-14DUP Acquired: 11/13/2018 21:56:30 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82704
Stddev	.16974
%RSD	20.524

#1	.70702
#2	.94707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3036.2	41766.	4991.4	123.30	3241.2
Stddev	23.4	255.	48.1	2.22	13.7
%RSD	.77063	.61169	.96425	1.8001	.42250

#1	3052.8	41947.	4957.3	121.73	3231.5
#2	3019.7	41586.	5025.4	124.87	3250.9

Sample Name: J5909-14LX5 Acquired: 11/13/2018 22:00:35 Type: Unk
Method: P4-ICP2(v2577) 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	.00008	-.00045	-.00044	.00046	.00101	.00420	.05113	-.00005
Stddev	.00124	.00155	.00085	.00224	.00027	.01311	.00063	.00001
%RSD	1524.8	343.32	193.78	487.12	26.382	312.35	1.2340	13.103

#1	.00096	-.00155	-.00104	.00204	.00120	.01347	.05069	-.00006
#2	-.00079	.00065	.00016	-.00112	.00082	-.00507	.05158	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	4.7536	-.00041	.00031	.00043	-.00351	.44579	.40940
Stddev	.00005	.0142	.00003	.00005	.00021	.00078	.00010	.00301
%RSD	2027.0	.29890	6.9296	16.491	50.058	22.053	.02259	.73417

#1	.00003	4.7435	-.00043	.00027	.00028	-.00297	.44572	.40727
#2	-.00004	4.7636	-.00039	.00034	.00058	-.00406	.44587	.41153

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	-.00021	19.670	-.00003	.00607	.32208	-.00001	.00513
Stddev	.00002	.00052	.009	.00005	.00005	.01459	.00008	.00139
%RSD	2.3226	246.96	.04749	155.38	.87051	4.5285	1082.2	27.165

#1	.00075	-.00058	19.664	.00000	.00611	.33240	.00005	.00414
#2	.00072	.00016	19.677	-.00007	.00603	.31177	-.00007	.00611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08558	.43785	-.00141	.00085	.00651	-.0003	.03138	<.00000
Stddev	.00020	.00200	.00046	.00339	.00073	.0004	.00003	.13258
%RSD	.23445	.45723	32.849	397.95	11.244	117.9	.08854	43.474

#1	.08572	.43926	-.00108	.00324	.00599	-.0001	.03136	-.21121
#2	.08544	.43643	-.00174	-.00154	.00703	-.0006	.03140	-.39871

Sample Name: J5909-14LX5 Acquired: 11/13/2018 22:00:35 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .64121
 Stddev .15950
 %RSD 24.874

#1 .52843
 #2 .75399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.6	43061.	4769.1	121.56	3408.4
Stddev	9.9	22.	27.4	1.01	13.4
%RSD	.31843	.05181	.57517	.82752	.39424

#1	3116.6	43077.	4749.7	120.85	3398.9
#2	3130.7	43045.	4788.5	122.27	3417.9

Sample Name: J5909-14MS Acquired: 11/13/2018 22:04:39 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72499	1.7482	.92933	1.7223	.74467	1.8402	.43370	.18666
Stddev	.00201	.0013	.00061	.0013	.00240	.0372	.00087	.00056
%RSD	.27730	.07525	.06604	.07704	.32234	2.0218	.20000	.29742

#1	.72641	1.7492	.92976	1.7232	.74637	1.8139	.43309	.18705
#2	.72357	1.7473	.92889	1.7214	.74297	1.8665	.43431	.18627

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18246	24.022	.37478	.19034	.27985	2.6767	2.2874	3.6443
Stddev	.00028	.337	.00166	.00043	.00090	.0428	.0054	.0434
%RSD	.15121	1.4022	.44218	.22403	.32090	1.5977	.23558	1.1918

#1	.18266	23.784	.37595	.19004	.28049	2.6464	2.2912	3.6136
#2	.18227	24.261	.37361	.19065	.27922	2.7069	2.2836	3.6750

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45218	.06288	97.416	.28104	.21801	10.764	.38479	.29236
Stddev	.00085	.00035	.008	.00055	.00054	.028	.00075	.00346
%RSD	.18770	.56244	.00798	.19440	.24637	.25571	.19501	1.1836

#1	.45278	.06313	97.422	.28142	.21763	10.784	.38532	.28991
#2	.45158	.06263	97.411	.28065	.21839	10.745	.38426	.29480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59219	2.9627	.61093	.19627	.19883	5.204	.33412	1.3650
Stddev	.00249	.0226	.00146	.00018	.00397	.021	.00089	.0726
%RSD	.42107	.76300	.23850	.09009	1.9944	.3941	.26704	5.3187

#1	.59395	2.9787	.61196	.19640	.19602	5.218	.33476	1.4163
#2	.59042	2.9467	.60990	.19615	.20163	5.189	.33349	1.3136

Sample Name: J5909-14MS Acquired: 11/13/2018 22:04:39 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-15MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.11361
%RSD	19.206

#1	-.51120
#2	-.67186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.5	41625.	4724.8	118.71	3168.0
Stddev	1.6	94.	41.5	.51	.9
%RSD	.05183	.22670	.87875	.43028	.02981

#1	3010.6	41558.	4695.5	119.07	3167.4
#2	3008.4	41692.	4754.2	118.35	3168.7

Sample Name: CCV11 Acquired: 11/13/2018 22:08:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14185 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9952	4.9270	5.2291	4.8238	5.0873	9.7235	10.010	.25724
Stddev	.0045	.0128	.0081	.0190	.0080	.0954	.090	.00013
%RSD	.09055	.25895	.15541	.39378	.15761	.98140	.90407	.05126
#1	4.9984	4.9360	5.2349	4.8372	5.0929	9.6561	10.074	.25733
#2	4.9920	4.9179	5.2234	4.8104	5.0816	9.7910	9.9462	.25715
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5408	26.148	.98775	2.5640	1.2517	4.9083	2.6335	24.796
Stddev	.0044	.137	.00235	.0047	.0006	.0294	.0038	.470
%RSD	.17296	.52420	.23805	.18480	.04836	.59812	.14594	1.8953
#1	2.5439	26.245	.98941	2.5674	1.2521	4.9291	2.6362	25.129
#2	2.5377	26.051	.98609	2.5607	1.2513	4.8876	2.6308	24.464
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4683	1.2164	23.766	2.4262	2.5981	25.125	4.8690	4.8412
Stddev	.0029	.0004	.200	.0033	.0338	.128	.0082	.0221
%RSD	.11946	.03098	.84254	.13569	1.3002	.50942	.16813	.45624
#1	2.4703	1.2166	23.908	2.4285	2.6220	25.216	4.8747	4.8256
#2	2.4662	1.2161	23.625	2.4239	2.5743	25.035	4.8632	4.8568
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5361	5.3217	4.7608	4.9998	4.8307	4.862	4.9234	F 2.2483
Stddev	.0388	.0555	.0077	.0171	.0377	.028	.0405	.0752
%RSD	.85498	1.0432	.16278	.34276	.78090	.5728	.82255	3.3456
#1	4.5636	5.3609	4.7663	5.0119	4.8573	4.881	4.9520	2.1951
#2	4.5087	5.2824	4.7554	4.9876	4.8040	4.842	4.8947	2.3015

Sample Name: CCV11 Acquired: 11/13/2018 22:08:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14185 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8400
Stddev .0613
%RSD 2.1592

#1 2.7966
#2 2.8833

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3007.0	41490.	4821.8	117.14	3074.6
Stddev	6.6	11.	74.9	1.64	10.7
%RSD	.21805	.02593	1.5530	1.3984	.34851

#1	3002.4	41483.	4768.9	115.98	3067.1
#2	3011.7	41498.	4874.8	118.29	3082.2

Sample Name: CCB11 Acquired: 11/13/2018 22:12:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14185 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.00082	-.00030	-.00059	.00110	.00752	.00051
Stddev	.00109	.00079	.00010	.00027	.00227	.01138	.00056
%RSD	86.900	96.113	35.046	45.294	206.96	151.28	110.57

#1	-.00048	.00138	-.00022	-.00040	.00270	.01557	.00011
#2	-.00203	.00026	-.00037	-.00078	-.00051	-.00052	.00090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00000	-.00713	-.00017	-.00017	.00014	-.00314
Stddev	.00002	.00002	.01865	.00023	.00008	.00004	.00353
%RSD	58.309	5978.4	261.62	136.95	50.777	28.500	112.38

#1	-.00002	-.00001	.00606	-.00033	-.00023	.00012	-.00064
#2	-.00006	.00001	-.02032	-.00001	-.00011	.00017	-.00563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.04045	.00112	-.00022	.09918	-.00043	.00034
Stddev	.00000	.04071	.00008	.00054	.01207	.00006	.00004
%RSD	3.7681	100.65	6.9329	244.23	12.169	13.002	11.572

#1	-.00010	-.06923	.00106	-.00060	.10771	-.00047	.00031
#2	-.00010	-.01166	.00117	.00016	.09064	-.00039	.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11577	.00030	-.00137	F -.04286	-.00349	-.00046	-.00204
Stddev	.02302	.00017	.01088	.00034	.00442	.00055	.00061
%RSD	19.884	55.905	795.64	.78390	126.50	119.01	29.675

#1	.13205	.00042	-.00906	-.04262	-.00037	-.00007	-.00161
#2	.09949	.00018	.00633	-.04309	-.00661	-.00085	-.00247

Sample Name: CCB11 Acquired: 11/13/2018 22:12:15 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14185 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00547	-.0013	.00005	F<.00000	F .87404
Stddev	.00120	.0005	.00002	.91097	.27340
%RSD	21.942	36.37	53.237	161.11	31.280

#1	.00632	-.0016	.00006	.07873	.68072
#2	.00462	-.0009	.00003	-1.2096	1.0674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.1	43975.	4813.5	122.20	3537.8
Stddev	6.8	59.	8.0	2.66	9.8
%RSD	.21296	.13509	.16633	2.1747	.27663

#1	3197.9	44017.	4807.8	124.08	3544.7
#2	3188.3	43933.	4819.2	120.33	3530.8

Sample Name: J5909-14MSD Acquired: 11/13/2018 22:16:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15MSD 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	.72175	1.7435	.92984	1.7175	.73831	1.8089	.42853	.18437	.18211
Stddev	.01049	.0377	.01830	.0334	.01398	.0069	.00065	.00035	.00404
%RSD	1.4531	2.1645	1.9682	1.9431	1.8940	.38284	.15154	.18804	2.2158
#1	.72916	1.7702	.94278	1.7411	.74820	1.8040	.42899	.18462	.18496
#2	.71433	1.7168	.91690	1.6939	.72842	1.8138	.42807	.18413	.17926
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.798	.37324	.19085	.27867	2.6521	2.2719	3.6330	.45183	.06326
Stddev	.292	.00149	.00482	.00492	.0185	.0013	.0137	.00897	.00018
%RSD	1.2268	.39958	2.5281	1.7658	.69900	.05602	.37675	1.9852	.27754
#1	23.592	.37429	.19427	.28215	2.6390	2.2728	3.6233	.45817	.06339
#2	24.005	.37218	.18744	.27519	2.6653	2.2710	3.6427	.44548	.06314
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	96.553	.27993	.21734	10.643	.38533	.28343	.59743	2.9425	.61491
Stddev	.080	.00016	.00258	.048	.00664	.01651	.01540	.0604	.01237
%RSD	.08257	.05591	1.1855	.45408	1.7228	5.8248	2.5778	2.0532	2.0111
#1	96.496	.27982	.21917	10.677	.39003	.29510	.60832	2.9852	.62366
#2	96.609	.28004	.21552	10.609	.38064	.27175	.58654	2.8998	.60617
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19442	.19459	5.203	.33130	1.5527	.07500			
Stddev	.00274	.00149	.122	.00044	.3562	.61017			
%RSD	1.4111	.76380	2.345	.13304	22.940	813.61			
#1	.19248	.19354	5.290	.33161	1.3008	.50645			
#2	.19636	.19564	5.117	.33099	1.8046	-.35646			

Sample Name: J5909-14MSD Acquired: 11/13/2018 22:16:21 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15MSD 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	3017.9	41758.	4736.7	118.99	3171.5
Stddev	43.2	63.	24.7	.84	53.7
%RSD	1.4305	.15196	.52250	.70418	1.6929
#1	2987.3	41713.	4719.2	118.40	3133.5
#2	3048.4	41803.	4754.2	119.59	3209.4

Sample Name: J5909-14A Acquired: 11/13/2018 22:20:13 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7690 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71724	1.7399	.92321	1.7114	.73208	1.8106	.43224	.18637
Stddev	.00107	.0166	.00874	.0101	.00370	.0478	.00158	.00032
%RSD	.14858	.95153	.94658	.59025	.50498	2.6374	.36466	.16937

#1	.71649	1.7516	.92939	1.7185	.73470	1.7768	.43112	.18659
#2	.71800	1.7282	.91703	1.7042	.72947	1.8443	.43335	.18614

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18122	23.891	.37601	.18897	.27826	2.6903	2.2833	3.6655
Stddev	.00157	.257	.00021	.00123	.00108	.0415	.0020	.0215
%RSD	.86598	1.0745	.05642	.64986	.38690	1.5430	.08593	.58628

#1	.18233	23.710	.37586	.18984	.27902	2.7196	2.2847	3.6807
#2	.18011	24.073	.37616	.18810	.27750	2.6609	2.2819	3.6503

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45008	.06354	97.665	.28212	.21900	10.718	.38308	.28848
Stddev	.00420	.00018	.518	.00043	.00411	.053	.00215	.00251
%RSD	.93393	.27676	.52988	.15238	1.8750	.49427	.56062	.87168

#1	.45306	.06342	97.299	.28182	.22190	10.681	.38460	.28671
#2	.44711	.06367	98.031	.28243	.21609	10.756	.38156	.29026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59211	3.0013	.61281	.19391	.19940	5.176	.33480	1.4698
Stddev	.00278	.0305	.00301	.00070	.00128	.047	.00149	.0176
%RSD	.46866	1.0153	.49148	.36175	.64135	.9010	.44602	1.1965

#1	.59015	2.9797	.61494	.19341	.19849	5.209	.33374	1.4823
#2	.59407	3.0228	.61068	.19441	.20030	5.143	.33585	1.4574

Sample Name: J5909-14A Acquired: 11/13/2018 22:20:13 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7690 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.23847
%RSD	43.792

#1	-.71317
#2	-.37593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3035.5	41608.	4696.2	117.93	3188.9
Stddev	25.3	16.	8.5	2.31	34.8
%RSD	.83339	.03927	.18137	1.9581	1.0905

#1	3017.6	41596.	4702.2	116.29	3164.3
#2	3053.4	41619.	4690.1	119.56	3213.5

Sample Name: J5921-03 Acquired: 11/13/2018 22:24:04 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-TANK1-N29 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	-.00114	.00026	.00236	.00040	.00304	.02500	-.00011
Stddev	.00029	.00037	.00081	.00051	.00134	.00879	.00015	.00005
%RSD	1706.3	32.803	305.90	21.634	337.95	289.30	.60319	46.435

#1	-.00023	-.00140	.00083	.00272	-.00055	.00925	.02489	-.00007
#2	.00019	-.00087	-.00031	.00200	.00134	-.00318	.02510	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	13.266	.00154	.00013	.00038	.00362	.18644	5.5461
Stddev	.00002	.153	.00040	.00003	.00011	.00100	.00407	.0111
%RSD	13.953	1.1565	26.190	20.760	29.029	27.527	2.1835	.19981

#1	-.00011	13.158	.00126	.00015	.00046	.00292	.18932	5.5539
#2	-.00013	13.375	.00183	.00011	.00030	.00433	.18357	5.5383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00129	-.00068	8.1786	.00037	.01595	3.3912	.00477	.06829
Stddev	.00005	.00026	.0540	.00027	.00031	.0522	.00009	.00063
%RSD	3.7036	38.402	.65972	74.239	1.9349	1.5406	1.9300	.92336

#1	.00132	-.00049	8.1405	.00056	.01573	3.3543	.00484	.06874
#2	.00125	-.00086	8.2168	.00017	.01617	3.4282	.00471	.06785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6794	1.2815	-.00170	.00010	.00523	.0026	.04939	.81774
Stddev	.0092	.0170	.00055	.00012	.00004	.0000	.00076	.11212
%RSD	.19766	1.3256	32.369	122.03	.68339	1.758	1.5332	13.711

#1	4.6729	1.2935	-.00131	.00001	.00526	.0027	.04886	.89703
#2	4.6860	1.2695	-.00209	.00019	.00521	.0026	.04993	.73846

Sample Name: J5921-03 Acquired: 11/13/2018 22:24:04 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-TANK1-N29 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.51283
Stddev	.29748
%RSD	58.008

#1	.72317
#2	.30248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.9	42471.	4757.9	119.07	3356.0
Stddev	13.6	819.	13.4	.34	8.0
%RSD	.43907	1.9277	.28143	.28481	.23941

#1	3080.3	41892.	4767.3	119.31	3350.4
#2	3099.5	43050.	4748.4	118.84	3361.7

Sample Name: J5921-06 Acquired: 11/13/2018 22:28:08 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-TANK2-N48 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	-.00127	-.00014	-.00028	.00186	.00625	.03191	-.00007
Stddev	.00168	.00146	.00002	.00128	.00062	.00722	.00076	.00006
%RSD	232.61	115.19	14.427	459.48	33.148	115.63	2.3823	84.555

#1	-.00191	-.00023	-.00013	-.00118	.00142	.00114	.03137	-.00003
#2	.00047	-.00230	-.00016	.00063	.00229	.01135	.03245	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	7.6993	.00080	-.00019	.00066	.00957	.01420	2.2315
Stddev	.00001	.1586	.00036	.00000	.00026	.00223	.00014	.0324
%RSD	9.0924	2.0596	45.466	1.5133	40.258	23.259	1.0162	1.4526

#1	-.00011	7.5872	.00105	-.00019	.00084	.01115	.01431	2.2086
#2	-.00013	7.8114	.00054	-.00019	.00047	.00800	.01410	2.2544

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	-.00025	3.3536	.00059	.01222	.67463	.00178	.01486
Stddev	.00009	.00040	.0495	.00004	.00034	.00581	.00015	.00850
%RSD	6.2990	160.81	1.4753	6.9669	2.7492	.86097	8.4866	57.174

#1	.00142	.00003	3.3186	.00056	.01245	.67873	.00167	.00885
#2	.00156	-.00053	3.3885	.00062	.01198	.67052	.00189	.02087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3514	.79640	-.00165	.00005	.00214	.0022	.03072	<.00000
Stddev	.0095	.00427	.00048	.00021	.00037	.0005	.00019	.15621
%RSD	.40395	.53583	29.358	430.73	17.068	23.45	.60639	45.507

#1	2.3447	.79338	-.00199	-.00010	.00188	.0025	.03059	-.23281
#2	2.3581	.79942	-.00130	.00020	.00240	.0018	.03085	-.45372

Sample Name: J5921-06 Acquired: 11/13/2018 22:28:08 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SP-TANK2-N48 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.26936
Stddev	.11730
%RSD	43.549

#1	.18641
#2	.35231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3137.6	43819.	4803.5	122.22	3448.5
Stddev	8.3	103.	40.7	2.26	3.9
%RSD	.26307	.23615	.84698	1.8465	.11345

#1	3131.8	43746.	4832.2	120.63	3445.7
#2	3143.4	43892.	4774.7	123.82	3451.2

Sample Name: J5921-09 Acquired: 11/13/2018 22:32:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-UST-MIDDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00017	-.00152	.00051	.00069	.00706	.06953	-.00011
Stddev	.00211	.00044	.00000	.00060	.00101	.00033	.00208	.00003
%RSD	355.56	253.79	.28370	118.53	147.06	4.6941	2.9881	24.398

#1	.00090	.00014	-.00152	.00093	.00140	.00683	.06806	-.00013
#2	-.00209	-.00048	-.00153	.00008	-.00003	.00730	.07100	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	4.4519	.00009	.00038	-.00332	4.7486	.04177	1.0530
Stddev	.00011	.1026	.00027	.00009	.00018	.1632	.00028	.0278
%RSD	49.688	2.3051	286.11	23.675	5.4218	3.4367	.67487	2.6406

#1	-.00030	4.3793	-.00010	.00045	-.00320	4.6332	.04158	1.0726
#2	-.00014	4.5245	.00029	.00032	-.00345	4.8640	.04197	1.0333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	-.00059	3.7315	-.00045	.03136	1.6257	.00002	.00848
Stddev	.00024	.00043	.0569	.00012	.00084	.0526	.00029	.00641
%RSD	8.2625	73.452	1.5253	26.327	2.6814	3.2351	1408.4	75.635

#1	.00275	-.00089	3.6912	-.00053	.03077	1.5885	-.00018	.00394
#2	.00309	-.00028	3.7717	-.00036	.03196	1.6629	.00022	.01301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1378	1.3310	-.00153	.00093	.00225	.0021	.02829	<.00000
Stddev	.0049	.0231	.00032	.00102	.00037	.0003	.00093	.31333
%RSD	.42755	1.7332	20.592	109.04	16.612	14.05	3.2805	8.3470

#1	1.1343	1.3147	-.00131	.00021	.00251	.0019	.02763	-3.5322
#2	1.1412	1.3473	-.00176	.00165	.00198	.0023	.02894	-3.9754

Sample Name: J5921-09 Acquired: 11/13/2018 22:32:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-UST-MIDDL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9200
Stddev .1487
%RSD 7.7431

#1 1.8149
#2 2.0251

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.0	48436.	5274.0	132.64	3827.1
Stddev	9.7	75.	36.4	2.63	12.9
%RSD	.28124	.15446	.68969	1.9843	.33817

#1	3442.2	48383.	5299.7	134.50	3818.0
#2	3455.9	48489.	5248.3	130.77	3836.3

Sample Name: J5925-18 Acquired: 11/13/2018 22:36:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-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	.00735	-.00104	.00120	.00333	-.00064	-.01629	.11070	-.00011
Stddev	.00175	.00135	.00050	.00326	.00039	.00560	.00189	.00008
%RSD	23.739	129.88	42.093	97.938	61.036	34.370	1.7111	72.626

#1	.00612	-.00009	.00084	.00102	-.00092	-.01233	.11204	-.00016
#2	.00859	-.00200	.00156	.00564	-.00036	-.02025	.10936	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	91.146	-.00009	.00031	-.00014	.00450	.46948	12.866
Stddev	.00000	1.243	.00055	.00001	.00032	.00407	.00662	.225
%RSD	1.6051	1.3641	630.95	4.4929	240.42	90.520	1.4103	1.7476

#1	-.00022	92.025	.00030	.00032	.00009	.00162	.47416	13.025
#2	-.00021	90.266	-.00047	.00030	-.00036	.00738	.46480	12.707

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	-.00043	131.23	.00103	.02292	12.201	.00149	.10788
Stddev	.00008	.00034	.61	.00005	.00035	.170	.00018	.00666
%RSD	4.7451	78.359	.46523	5.0004	1.5372	1.3905	12.120	6.1693

#1	.00178	-.00019	130.80	.00107	.02267	12.321	.00161	.11259
#2	.00167	-.00067	131.66	.00100	.02317	12.082	.00136	.10318

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.809	3.1713	-.01865	-.00048	.03425	.0144	.73968	3.1988
Stddev	.130	.0319	.00032	.00169	.00051	.0006	.01355	.6949
%RSD	.26571	1.0045	1.7146	352.32	1.5028	4.072	1.8319	21.724

#1	48.900	3.1938	-.01888	.00072	.03461	.0140	.74926	3.6902
#2	48.717	3.1488	-.01843	-.00168	.03388	.0149	.73010	2.7075

Sample Name: J5925-18 Acquired: 11/13/2018 22:36:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-GW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.18935
Stddev	.58860
%RSD	310.86

#1	.60556
#2	-.22686

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3259.8	43917.	5248.8	131.30	3392.4
Stddev	11.2	636.	49.6	1.24	12.8
%RSD	.34324	1.4472	.94448	.94315	.37794

#1	3251.9	43468.	5213.7	132.17	3383.4
#2	3267.8	44367.	5283.8	130.42	3401.5

Sample Name: J5916-02 Acquired: 11/13/2018 22:40:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00063	-.00078	.00125	-.00150	.00977	.01187	-.00002
Stddev	.00011	.00129	.00061	.00005	.00097	.00241	.00020	.00003
%RSD	7.7918	203.41	78.454	3.9666	64.443	24.650	1.7211	148.39

#1	.00147	-.00155	-.00035	.00129	-.00082	.01148	.01173	-.00004
#2	.00132	.00028	-.00121	.00122	-.00219	.00807	.01201	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	23.354	-.00028	.00010	.00101	.02141	.00105	4.7171
Stddev	.00006	.129	.00014	.00009	.00018	.00590	.00006	.0039
%RSD	487.50	.55051	51.015	83.992	17.492	27.576	5.4863	.08174

#1	.00003	23.445	-.00018	.00017	.00114	.02558	.00101	4.7144
#2	-.00006	23.263	-.00038	.00004	.00089	.01723	.00110	4.7198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	-.00021	16.665	.00029	.00001	1.5237	.00010	.00796
Stddev	.00016	.00022	.241	.00004	.00001	.0038	.00008	.00815
%RSD	10.746	104.24	1.4489	14.820	92.729	.25181	84.359	102.37

#1	.00135	-.00037	16.835	.00026	.00002	1.5210	.00004	.01373
#2	.00157	-.00006	16.494	.00032	.00000	1.5265	.00016	.00220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8813	2.2020	-.00226	.00070	.00013	.0309	.10698	<.00000
Stddev	.0150	.0372	.00020	.00116	.00025	.0002	.00119	.42819
%RSD	.52055	1.6871	8.7934	165.16	184.52	.5477	1.1089	53.225

#1	2.8919	2.2283	-.00240	-.00012	-.00004	.0310	.10782	-.50170
#2	2.8707	2.1757	-.00212	.00153	.00031	.0308	.10614	-1.1072

Sample Name: J5916-02 Acquired: 11/13/2018 22:40:24 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .00107
 Stddev .00402
 %RSD 373.94

#1 .00391
 #2 -.00177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.7	46984.	5356.2	136.68	3831.2
Stddev	10.3	975.	77.3	3.31	14.9
%RSD	.29479	2.0758	1.4430	2.4221	.38901

#1	3479.5	46294.	5301.5	134.33	3820.7
#2	3494.0	47673.	5410.8	139.02	3841.7

Sample Name: J5916-03 Acquired: 11/13/2018 22:44:28 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00007	-.00079	-.00077	-.00073	.00444	.01173	.00003
Stddev	.00230	.00009	.00171	.00171	.00030	.00080	.00047	.00005
%RSD	122.84	128.36	216.12	223.08	41.532	18.109	3.9947	185.85

#1	.00350	.00013	.00042	.00044	-.00094	.00501	.01140	-.00001
#2	.00025	.00001	-.00200	-.00198	-.00051	.00388	.01206	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	23.025	-.00026	.00000	.00099	.02691	.00091	4.6110
Stddev	.00007	.029	.00042	.00000	.00007	.00347	.00018	.0716
%RSD	323.87	.12778	159.91	26.096	7.1598	12.882	19.537	1.5534

#1	-.00007	23.046	-.00056	.00000	.00094	.02936	.00078	4.6616
#2	.00003	23.004	.00003	.00001	.00103	.02446	.00104	4.5603

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	-.00039	16.353	.00006	-.00015	1.4633	.00027	-.00349
Stddev	.00014	.00068	.295	.00040	.00001	.0237	.00008	.00509
%RSD	7.3908	172.95	1.8035	723.20	9.9710	1.6211	29.700	145.96

#1	.00178	.00009	16.561	.00034	-.00014	1.4801	.00021	.00011
#2	.00197	-.00088	16.144	-.00023	-.00016	1.4465	.00032	-.00708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8642	2.1385	-.00202	-.00070	-.00135	.0297	.10583	<.00000
Stddev	.0052	.0015	.00055	.00243	.00026	.0007	.00062	2.9452
%RSD	.18125	.06945	27.441	346.45	19.234	2.334	.58285	121.28

#1	2.8605	2.1395	-.00241	-.00242	-.00117	.0302	.10627	-4.5111
#2	2.8679	2.1374	-.00163	.00102	-.00154	.0292	.10539	-.34590

Sample Name: J5916-03 Acquired: 11/13/2018 22:44:28 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .36802
 Stddev .13240
 %RSD 35.977

#1 .46165
 #2 .27440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.4	49672.	5383.9	138.04	3817.3
Stddev	3.3	4434.	84.2	2.25	.0
%RSD	.09552	8.9274	1.5641	1.6292	.00004

#1	3472.0	52808.	5324.4	136.45	3817.3
#2	3476.7	46537.	5443.5	139.63	3817.3

Sample Name: J5916-04 Acquired: 11/13/2018 22:48:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	-.00008	-.00069	-.00170	-.00064	.01124	.01174	.00002
Stddev	.00167	.00040	.00001	.00152	.00113	.00652	.00040	.00001
%RSD	117.53	519.01	.87227	89.476	175.76	57.989	3.4307	20.437

#1	.00261	.00021	-.00069	-.00063	-.00144	.00663	.01203	.00002
#2	.00024	-.00036	-.00069	-.00278	.00016	.01585	.01146	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	23.439	-.00024	-.00021	.00125	.02361	.00090	4.7610
Stddev	.00007	.064	.00004	.00015	.00018	.01078	.00005	.0462
%RSD	278.93	.27161	15.169	72.321	14.170	45.658	5.7527	.96952

#1	.00002	23.484	-.00022	-.00032	.00113	.03123	.00086	4.7937
#2	-.00008	23.394	-.00027	-.00010	.00138	.01599	.00093	4.7284

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00010	17.204	.00032	-.00013	1.5285	.00009	-.00030
Stddev	.00026	.00068	.043	.00014	.00003	.0069	.00002	.00033
%RSD	17.315	708.10	.25014	45.552	24.778	.44882	24.421	111.97

#1	.00167	-.00058	17.235	.00021	-.00016	1.5236	.00011	-.00006
#2	.00130	.00039	17.174	.00042	-.00011	1.5333	.00008	-.00053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8740	2.1878	-.00132	-.00045	-.00075	.0302	.10654	<.00000
Stddev	.0092	.0074	.00034	.00144	.00088	.0013	.00007	.08750
%RSD	.32148	.33941	25.697	316.69	116.51	4.144	.06511	9.1253

#1	2.8806	2.1825	-.00155	.00056	-.00138	.0293	.10659	-.89703
#2	2.8675	2.1930	-.00108	-.00147	-.00013	.0310	.10649	-1.0208

Sample Name: J5916-04 Acquired: 11/13/2018 22:48:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .37726
Stddev .19807
%RSD 52.501

#1 .23721
#2 .51731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.3	47291.	5290.4	138.20	3796.0
Stddev	16.1	137.	11.8	.93	12.1
%RSD	.46306	.29066	.22290	.67281	.31952

#1	3478.6	47388.	5298.7	137.54	3787.4
#2	3455.9	47193.	5282.0	138.86	3804.6

Sample Name: J5916-05 Acquired: 11/13/2018 22:52:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00257	.00046	-.00034	-.00118	-.00154	.00561	.01162	-.00008
Stddev	.00013	.00014	.00041	.00049	.00029	.00511	.00091	.00001
%RSD	4.9617	30.389	118.60	41.646	18.927	91.155	7.8006	19.192

#1	.00266	.00056	-.00006	-.00153	-.00133	.00199	.01098	-.00009
#2	.00248	.00036	-.00063	-.00083	-.00174	.00923	.01226	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	22.784	-.00014	-.00022	.00118	.02439	.00093	4.6987
Stddev	.00005	.963	.00009	.00013	.00014	.00312	.00002	.2051
%RSD	105.76	4.2282	63.393	59.956	12.181	12.783	2.1684	4.3659

#1	-.00001	22.102	-.00008	-.00032	.00128	.02660	.00092	4.5537
#2	-.00008	23.465	-.00021	-.00013	.00108	.02219	.00095	4.8438

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	-.00009	16.821	.00019	-.00013	1.4944	.00004	.00668
Stddev	.00015	.00037	.670	.00027	.00005	.0718	.00001	.00020
%RSD	9.5502	428.71	3.9846	147.29	43.207	4.8025	17.887	2.9451

#1	.00150	.00017	16.347	.00038	-.00016	1.4437	.00004	.00654
#2	.00171	-.00034	17.295	-.00001	-.00009	1.5451	.00003	.00682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8104	2.1142	-.00223	-.00018	-.00153	.0289	.10483	<.00000
Stddev	.0846	.0709	.00008	.00006	.00125	.0013	.00392	.47589
%RSD	3.0108	3.3550	3.6056	36.704	81.750	4.344	3.7425	49.885

#1	2.8702	2.0640	-.00229	-.00013	-.00241	.0298	.10206	-1.2905
#2	2.7505	2.1643	-.00218	-.00022	-.00064	.0280	.10760	-.61747

Sample Name: J5916-05 Acquired: 11/13/2018 22:52:36 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .34563
Stddev .07480
%RSD 21.642

#1 .39852
#2 .29274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.2	46824.	5420.3	141.19	3850.5
Stddev	52.8	1317.	181.4	3.32	78.3
%RSD	1.5089	2.8126	3.3464	2.3492	2.0347

#1	3458.9	47755.	5548.6	143.53	3795.1
#2	3533.5	45892.	5292.1	138.84	3905.9

Sample Name: CCV12 Acquired: 11/13/2018 22:56:39 Type: Unk
Method: P4-ICP2(v2577) 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 4.4243	F 4.4168	4.6368	F 4.3070	F 4.4998	F 8.6847	9.0751
Stddev	.0010	.0038	.0088	.0130	.0041	.0245	.0966
%RSD	.02271	.08637	.19074	.30092	.09194	.28190	1.0643

#1	4.4250	4.4141	4.6305	4.3161	4.4969	8.7020	9.1434
#2	4.4235	4.4195	4.6430	4.2978	4.5028	8.6674	9.0068

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23029	2.2668	23.677	F .89606	2.2786	F 1.1176	4.5411
Stddev	.00036	.0052	.075	.00184	.0024	.0025	.0140
%RSD	.15552	.22963	.31875	.20545	.10307	.22157	.30770

#1	.23004	2.2631	23.730	.89475	2.2769	1.1159	4.5312
#2	.23054	2.2705	23.623	.89736	2.2802	1.1194	4.5510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3603	22.583	F 2.2128	F 1.0961	F 21.742	F 2.2069	2.4108
Stddev	.0030	.051	.0031	.0007	.173	.0016	.0135
%RSD	.12525	.22568	.14030	.06639	.79372	.07358	.55980

#1	2.3624	22.619	2.2107	1.0966	21.864	2.2081	2.4013
#2	2.3582	22.546	2.2150	1.0956	21.620	2.2058	2.4203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.858	F 4.3902	F 4.3261	F 4.0667	4.8339	F 4.3116	F 4.4782
Stddev	.276	.0031	.0179	.0067	.0429	.0054	.0001
%RSD	1.2089	.06980	.41376	.16489	.88688	.12604	.00225

#1	23.053	4.3881	4.3134	4.0714	4.8642	4.3078	4.4783
#2	22.662	4.3924	4.3387	4.0619	4.8035	4.3154	4.4781

Sample Name: CCV12 Acquired: 11/13/2018 22:56:39 Type: Unk
 Method: P4-ICP2(v2577) 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 4.3968	F 4.343	F 4.4972	F<.00000	F 3.2097
Stddev	.0372	.009	.0419	.23237	.3462
%RSD	.84638	.1997	.93209	181.26	10.785

#1	4.4231	4.337	4.5269	.03611	3.4545
#2	4.3705	4.349	4.4676	-.29250	2.9649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.0	45135.	5136.8	123.44	3373.3
Stddev	6.3	16.	33.0	.38	2.7
%RSD	.18933	.03589	.64270	.30602	.07928

#1	3302.5	45123.	5113.4	123.71	3371.4
#2	3311.4	45146.	5160.1	123.18	3375.2

Sample Name: CCB12 Acquired: 11/13/2018 23:00:25 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7690 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00074	.00041	-.00027	.00016	-.00031	.01457	-.00013
Stddev	.00133	.00027	.00100	.00013	.00116	.00912	.00042
%RSD	179.18	65.137	371.20	81.849	378.75	62.626	329.05

#1	.00169	.00060	.00044	.00007	-.00113	.00812	.00017
#2	-.00020	.00022	-.00097	.00025	.00052	.02102	-.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	.00576	-.00038	-.00007	.00007	-.00028
Stddev	.00003	.00000	.00432	.00014	.00016	.00010	.00098
%RSD	102.53	61.357	75.133	36.281	220.16	136.65	346.04

#1	.00005	-.00000	.00270	-.00048	.00004	.00014	-.00097
#2	.00001	-.00001	.00881	-.00028	-.00018	.00000	.00041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00402	.00129	-.00002	.04655	-.00015	.00029
Stddev	.00001	.03100	.00016	.00039	.00340	.00011	.00010
%RSD	21.304	771.94	12.379	2056.7	7.2963	73.299	34.548

#1	-.00008	.01791	.00141	.00026	.04415	-.00007	.00036
#2	-.00006	-.02594	.00118	-.00030	.04895	-.00023	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04157	.00030	-.00425	F -.04614	-.00737	-.00062	.00119
Stddev	.00555	.00009	.00254	.00310	.00326	.00050	.00184
%RSD	13.358	31.054	59.604	6.7171	44.194	81.043	155.42

#1	.04550	.00036	-.00605	-.04395	-.00507	-.00097	-.00012
#2	.03765	.00023	-.00246	-.04833	-.00967	-.00026	.00249

Sample Name: CCB12 Acquired: 11/13/2018 23:00:25 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7690 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00339	-.0009	.00003	F<.00000	F .55560
Stddev	.00064	.0017	.00000	.45058	.55432
%RSD	18.747	193.1	18.036	13.311	99.769

#1	.00294	.0003	.00002	-3.0664	.94756
#2	.00384	-.0021	.00003	-3.7036	.16364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.8	47679.	5150.9	128.90	3836.1
Stddev	15.1	55.	46.6	2.29	.4
%RSD	.43717	.11446	.90447	1.7782	.01050

#1	3448.1	47718.	5118.0	127.28	3836.4
#2	3469.5	47641.	5183.9	130.53	3835.8

Sample Name: J5916-06 Acquired: 11/13/2018 23:04:30 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	.00033	-.00082	.00103	-.00018	.00828	.01152	.00003
Stddev	.00547	.00001	.00070	.00108	.00091	.00115	.00034	.00003
%RSD	263.03	4.1148	85.044	104.75	506.08	13.825	2.9112	81.171

#1	-.00179	.00034	-.00033	.00027	.00046	.00747	.01128	.00005
#2	.00595	.00032	-.00131	.00179	-.00082	.00909	.01176	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	23.350	-.00051	-.00029	.00083	.02066	.00086	4.7299
Stddev	.00000	.043	.00021	.00021	.00030	.00080	.00003	.0149
%RSD	5.2962	.18491	40.439	74.914	36.585	3.8905	3.1826	.31406

#1	-.00008	23.381	-.00036	-.00044	.00105	.02123	.00088	4.7194
#2	-.00008	23.320	-.00066	-.00013	.00062	.02010	.00084	4.7404

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00064	16.946	.00017	-.00013	1.5060	.00005	.00237
Stddev	.00028	.00024	.092	.00036	.00003	.0120	.00015	.00505
%RSD	15.473	38.237	.54424	208.76	25.550	.79739	332.66	212.57

#1	.00161	-.00047	16.880	.00043	-.00011	1.5145	-.00006	-.00119
#2	.00201	-.00081	17.011	-.00008	-.00016	1.4975	.00016	.00594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8614	2.1673	-.00196	.00027	-.00082	.0296	.10573	<.00000
Stddev	.0362	.0026	.00012	.00014	.00016	.0003	.00030	.59987
%RSD	1.2658	.11825	6.0766	50.174	19.043	1.058	.28564	30.267

#1	2.8358	2.1691	-.00204	.00018	-.00071	.0294	.10595	-2.4061
#2	2.8870	2.1655	-.00188	.00037	-.00093	.0298	.10552	-1.5577

Sample Name: J5916-06 Acquired: 11/13/2018 23:04:30 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.34991
Stddev	.31810
%RSD	90.907

#1	.12499
#2	.57484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.8	48036.	5373.6	135.75	3839.6
Stddev	27.6	60.	7.4	2.20	25.6
%RSD	.78812	.12559	.13802	1.6176	.66790

#1	3518.3	47993.	5368.3	134.20	3857.7
#2	3479.3	48079.	5378.8	137.30	3821.4

Sample Name: J5916-07 Acquired: 11/13/2018 23:08:34 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00023	-.00043	.00038	-.00065	-.00137	.01198	.00000
Stddev	.00036	.00002	.00042	.00330	.00016	.00458	.00022	.00003
%RSD	16.246	9.8892	96.304	857.59	24.154	334.63	1.8739	546.02

#1	.00247	.00024	-.00073	-.00195	-.00054	-.00461	.01182	.00002
#2	.00196	.00021	-.00014	.00272	-.00076	.00187	.01214	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	23.042	-.00028	-.00021	.00112	.02048	.00126	4.6708
Stddev	.00013	.176	.00007	.00005	.00050	.00026	.00006	.0469
%RSD	411.87	.76334	25.104	23.952	44.476	1.2644	4.8340	1.0031

#1	.00006	23.166	-.00033	-.00017	.00077	.02030	.00122	4.7039
#2	-.00012	22.918	-.00023	-.00024	.00147	.02067	.00130	4.6377

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.00004	16.867	.00030	-.00012	1.4883	.00023	.00613
Stddev	.00037	.00004	.123	.00016	.00001	.0054	.00001	.00116
%RSD	21.395	114.97	.72762	53.051	8.5367	.36420	2.2297	19.005

#1	.00146	.00007	16.954	.00018	-.00012	1.4921	.00022	.00695
#2	.00198	.00001	16.780	.00041	-.00011	1.4845	.00023	.00530

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7813	2.1447	-.00231	.00035	-.00067	.0288	.10474	<.00000
Stddev	.0684	.0087	.00016	.00078	.00071	.0000	.00098	.98184
%RSD	2.4580	.40378	7.0258	221.14	105.30	.0462	.93996	143.50

#1	2.8297	2.1386	-.00243	.00091	-.00118	.0288	.10543	-1.3785
#2	2.7330	2.1508	-.00220	-.00020	-.00017	.0288	.10404	.01003

Sample Name: J5916-07 Acquired: 11/13/2018 23:08:34 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .61798
Stddev .01187
%RSD 1.9208

#1 .62638
#2 .60959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.3	47146.	5375.6	135.32	3876.9
Stddev	60.3	995.	14.7	1.76	58.9
%RSD	1.7058	2.1115	.27272	1.3018	1.5192

#1	3492.7	47850.	5365.3	136.56	3835.2
#2	3578.0	46442.	5386.0	134.07	3918.5

Sample Name: J5916-08 Acquired: 11/13/2018 23:12:38 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00009	.00006	.00084	-.00006	.00870	.01259	.00006
Stddev	.00263	.00004	.00041	.00058	.00020	.01475	.00076	.00003
%RSD	86.639	47.943	711.19	68.976	354.14	169.50	6.0336	49.642

#1	.00490	.00006	-.00023	.00126	-.00020	-.00173	.01313	.00008
#2	.00118	.00012	.00035	.00043	.00009	.01913	.01205	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	23.447	-.00022	-.00004	.00075	.02421	.00089	4.8021
Stddev	.00002	.398	.00007	.00008	.00002	.00611	.00008	.1636
%RSD	14.073	1.6985	33.138	193.46	2.4587	25.222	9.0146	3.4064

#1	-.00012	23.729	-.00017	-.00010	.00077	.02853	.00084	4.9177
#2	-.00010	23.166	-.00027	.00002	.00074	.01989	.00095	4.6864

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00057	17.411	.00007	.00007	1.4830	.00025	.00766
Stddev	.00002	.00047	.207	.00001	.00001	.0019	.00020	.00031
%RSD	1.2988	82.526	1.1905	21.532	15.816	.13127	80.082	4.0533

#1	.00119	-.00024	17.557	.00008	.00006	1.4816	.00011	.00788
#2	.00121	-.00090	17.264	.00006	.00008	1.4844	.00038	.00744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9370	2.1837	-.00158	-.00047	-.00075	.0295	.10671	<.00000
Stddev	.0979	.0062	.00062	.00023	.00120	.0024	.00229	.14952
%RSD	3.3332	.28398	38.921	48.741	159.93	8.199	2.1425	10.013

#1	2.8678	2.1793	-.00115	-.00064	.00010	.0278	.10833	-1.5990
#2	3.0062	2.1881	-.00202	-.00031	-.00160	.0312	.10510	-1.3875

Sample Name: J5916-08 Acquired: 11/13/2018 23:12:38 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .28766
 Stddev .35252
 %RSD 122.55

#1 .03839
 #2 .53693

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.7	47790.	5255.4	132.48	3737.0
Stddev	87.1	139.	47.4	1.20	87.7
%RSD	2.5576	.29102	.90198	.90809	2.3461

#1	3468.3	47888.	5221.9	133.33	3799.0
#2	3345.1	47692.	5288.9	131.63	3675.0

Sample Name: J5916-09 Acquired: 11/13/2018 23:16:42 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00019	-.00126	-.00107	-.00160	.01064	.01126	.00002
Stddev	.00096	.00103	.00025	.00170	.00055	.00013	.00016	.00003
%RSD	30.087	553.44	20.125	159.26	34.032	1.2266	1.4578	133.17

#1	.00251	.00092	-.00144	-.00227	-.00199	.01055	.01115	.00000
#2	.00387	-.00054	-.00108	.00013	-.00122	.01073	.01138	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	22.778	-.00043	-.00027	.00134	.03071	.00101	4.6967
Stddev	.00001	.023	.00002	.00002	.00022	.00264	.00005	.0013
%RSD	14.768	.09909	4.4321	8.0679	16.261	8.5994	4.7897	.02851

#1	-.00007	22.762	-.00044	-.00026	.00149	.03258	.00097	4.6958
#2	-.00006	22.794	-.00041	-.00029	.00118	.02885	.00104	4.6977

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00050	16.807	-.00006	.00185	1.4557	-.00002	.00562
Stddev	.00035	.00066	.017	.00039	.00005	.0033	.00000	.00181
%RSD	24.071	130.90	.10159	634.16	2.7760	.22384	12.020	32.306

#1	.00122	-.00097	16.819	.00022	.00189	1.4580	-.00001	.00690
#2	.00172	-.00004	16.794	-.00034	.00181	1.4533	-.00002	.00433

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8551	2.1033	-.00166	-.00159	-.00090	.0295	.10277	<.00000
Stddev	.0633	.0010	.00019	.00024	.00043	.0003	.00019	.21592
%RSD	2.2156	.04902	11.213	14.951	47.961	.9692	.18019	16.187

#1	2.8999	2.1040	-.00153	-.00176	-.00060	.0297	.10264	-1.4866
#2	2.8104	2.1026	-.00179	-.00143	-.00121	.0293	.10290	-1.1813

Sample Name: J5916-09 Acquired: 11/13/2018 23:16:42 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.36120
Stddev	.08608
%RSD	23.833

#1	.30033
#2	.42207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.6	48234.	5418.2	137.09	3813.2
Stddev	43.2	135.	20.7	3.52	45.6
%RSD	1.2398	.27944	.38231	2.5678	1.1958

#1	3452.1	48329.	5403.5	134.60	3781.0
#2	3513.2	48139.	5432.8	139.58	3845.5

Sample Name: J5916-10 Acquired: 11/13/2018 23:20:46 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	-.00009	-.00153	.00108	-.00011	.00200	.01107	.00002
Stddev	.00181	.00003	.00027	.00001	.00026	.00576	.00037	.00000
%RSD	105.78	33.052	17.840	.49364	238.33	288.72	3.3113	7.5506

#1	.00043	-.00012	-.00134	.00108	-.00029	-.00208	.01081	.00002
#2	.00299	-.00007	-.00173	.00107	.00007	.00607	.01133	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	22.671	-.00029	-.00006	.00117	.02719	.00091	4.7373
Stddev	.00002	.039	.00024	.00002	.00011	.00682	.00002	.0082
%RSD	77.355	.17208	82.286	36.949	9.2257	25.064	1.9184	.17329

#1	-.00004	22.643	-.00046	-.00007	.00125	.03201	.00093	4.7315
#2	-.00001	22.699	-.00012	-.00004	.00110	.02237	.00090	4.7432

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	-.00025	17.459	.00017	.00138	1.5055	-.00010	.00270
Stddev	.00005	.00002	.025	.00014	.00008	.0094	.00016	.00295
%RSD	3.3588	6.5441	.14456	83.115	6.1430	.62339	167.18	109.11

#1	.00149	-.00024	17.442	.00028	.00132	1.4989	.00002	.00479
#2	.00143	-.00026	17.477	.00007	.00144	1.5121	-.00021	.00062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8274	2.1397	-.00193	.00095	-.00031	.0289	.10364	<.00000
Stddev	.0660	.0449	.00055	.00035	.00029	.0024	.00039	.28188
%RSD	2.3348	2.0982	28.645	37.471	93.780	8.353	.37613	16.272

#1	2.8741	2.1714	-.00232	.00070	-.00051	.0306	.10337	-1.5330
#2	2.7808	2.1079	-.00154	.00120	-.00010	.0272	.10392	-1.9316

Sample Name: J5916-10 Acquired: 11/13/2018 23:20:46 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .40090
Stddev .02568
%RSD 6.4049

#1 .38275
#2 .41906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.9	48931.	5367.1	134.89	3818.9
Stddev	70.8	1181.	11.3	.66	52.0
%RSD	2.0297	2.4132	.21128	.48757	1.3604

#1	3436.9	48096.	5359.1	134.43	3782.2
#2	3537.0	49766.	5375.1	135.36	3855.6

Sample Name: J5916-11 Acquired: 11/13/2018 23:24:50 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00008	-.00004	.00040	-.00094	-.00162	.01154	.00003
Stddev	.00046	.00022	.00089	.00077	.00123	.01189	.00078	.00001
%RSD	25.292	269.24	2281.9	192.90	130.70	735.01	6.7172	46.773

#1	.00216	.00023	.00059	-.00014	-.00007	-.01002	.01099	.00002
#2	.00150	-.00007	-.00067	.00094	-.00181	.00679	.01209	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	22.588	-.00014	-.00020	.00147	.03062	.00077	4.6931
Stddev	.00000	.067	.00001	.00010	.00009	.00979	.00007	.0089
%RSD	3.4396	.29656	10.262	47.316	5.9457	31.989	9.4094	.19061

#1	-.00008	22.636	-.00013	-.00027	.00141	.03754	.00083	4.6994
#2	-.00009	22.541	-.00015	-.00013	.00153	.02369	.00072	4.6868

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	-.00057	17.293	.00000	-.00014	1.5109	.00006	.00595
Stddev	.00017	.00026	.074	.00014	.00001	.0054	.00015	.00282
%RSD	8.9957	46.634	.42658	8201.4	6.9380	.36000	240.38	47.412

#1	.00199	-.00038	17.345	-.00009	-.00014	1.5147	.00016	.00795
#2	.00175	-.00076	17.240	.00010	-.00015	1.5071	-.00004	.00396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8210	2.0991	-.00198	.00028	-.00073	.0292	.10324	<.00000
Stddev	.0379	.0095	.00068	.00077	.00120	.0001	.00019	1.8770
%RSD	1.3440	.45517	34.425	276.11	163.76	.3239	.18154	62.328

#1	2.8478	2.1059	-.00150	.00082	.00012	.0293	.10337	-1.6843
#2	2.7942	2.0924	-.00247	-.00026	-.00158	.0292	.10310	-4.3388

Sample Name: J5916-11 Acquired: 11/13/2018 23:24:50 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .41055
 Stddev .26547
 %RSD 64.663

#1 .59827
 #2 .22283

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.6	50966.	5423.6	134.61	3851.7
Stddev	27.7	3234.	29.1	3.22	29.4
%RSD	.78651	6.3444	.53743	2.3926	.76335

#1	3501.0	48680.	5403.0	132.33	3830.9
#2	3540.2	53253.	5444.2	136.89	3872.5

Sample Name: J5916-12 Acquired: 11/13/2018 23:28:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00052	.00027	.00039	-.00070	.01246	.01106	.00001
Stddev	.00084	.00022	.00017	.00129	.00076	.00702	.00035	.00003
%RSD	35.288	41.646	62.597	330.68	108.84	56.281	3.2006	499.50

#1	.00178	-.00037	.00039	.00130	-.00123	.01743	.01132	.00003
#2	.00296	-.00067	.00015	-.00052	-.00016	.00750	.01081	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	22.595	-.00019	.00009	.00109	.02468	.00084	4.6739
Stddev	.00002	.018	.00017	.00017	.00030	.00545	.00002	.0056
%RSD	270.75	.08010	86.116	187.77	27.157	22.061	2.5188	.12073

#1	.00001	22.583	-.00031	-.00003	.00088	.02853	.00086	4.6779
#2	-.00003	22.608	-.00008	.00022	.00130	.02083	.00083	4.6699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	-.00051	17.033	.00050	-.00010	1.5379	.00008	.00386
Stddev	.00013	.00033	.168	.00009	.00004	.0005	.00009	.00564
%RSD	6.7029	65.029	.98777	18.283	37.908	.03338	105.69	146.10

#1	.00205	-.00028	17.152	.00057	-.00013	1.5376	.00014	-.00013
#2	.00186	-.00075	16.914	.00044	-.00008	1.5383	.00002	.00784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8021	2.0923	-.00290	-.00081	-.00158	.0277	.10359	<.00000
Stddev	.0012	.0228	.00038	.00151	.00099	.0005	.00031	.85321
%RSD	.04152	1.0917	12.981	186.94	63.112	1.672	.30361	31.462

#1	2.8013	2.1084	-.00316	.00026	-.00228	.0281	.10337	-3.3152
#2	2.8030	2.0761	-.00263	-.00188	-.00087	.0274	.10381	-2.1085

Sample Name: J5916-12 Acquired: 11/13/2018 23:28:54 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .56347
Stddev .42447
%RSD 75.332

#1 .26332
#2 .86361

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3552.5	49280.	5502.6	138.28	3884.3
Stddev	8.7	1184.	54.4	2.11	8.6
%RSD	.24517	2.4020	.98783	1.5287	.22126

#1	3546.3	50117.	5464.2	136.78	3878.2
#2	3558.6	48443.	5541.0	139.77	3890.3

Sample Name: J5916-13 Acquired: 11/13/2018 23:32:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	-.00002	-.00068	-.00100	-.00018	.00140	.00962	-.00000
Stddev	.00057	.00075	.00086	.00052	.00027	.00748	.00047	.00002
%RSD	19.797	3003.7	126.07	52.196	145.80	534.59	4.9000	2086.0

#1	.00249	-.00055	-.00129	-.00063	-.00037	.00669	.00995	.00001
#2	.00330	.00050	-.00007	-.00138	.00001	-.00389	.00929	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	23.163	-.00032	-.00010	.00159	.02452	.00266	4.8983
Stddev	.00003	.688	.00010	.00023	.00003	.00640	.00001	.1870
%RSD	51.346	2.9716	31.372	228.16	2.1619	26.110	.42291	3.8183

#1	-.00004	23.650	-.00025	-.00027	.00162	.01999	.00267	5.0306
#2	-.00008	22.676	-.00039	.00006	.00157	.02905	.00265	4.7661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	-.00030	18.564	.00023	-.00005	1.5704	.00021	.00210
Stddev	.00020	.00028	.427	.00021	.00000	.0384	.00009	.00009
%RSD	11.835	94.746	2.2985	93.190	5.9622	2.4475	45.662	4.1410

#1	.00183	-.00050	18.866	.00008	-.00005	1.5976	.00014	.00204
#2	.00155	-.00010	18.263	.00038	-.00005	1.5432	.00028	.00216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9312	2.1268	-.00182	.00048	-.00067	.0322	.10908	<.00000
Stddev	.0284	.0339	.00042	.00069	.00107	.0005	.00324	.54644
%RSD	.96953	1.5922	23.144	143.53	158.68	1.548	2.9658	23.750

#1	2.9111	2.1507	-.00152	-.00001	-.00143	.0318	.11137	-1.9144
#2	2.9513	2.1028	-.00212	.00097	.00008	.0325	.10679	-2.6872

Sample Name: J5916-13 Acquired: 11/13/2018 23:32:59 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .46492
 Stddev .00462
 %RSD .99479

#1 .46165
 #2 .46819

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.8	48380.	5314.8	134.38	3865.6
Stddev	34.6	83.	107.5	3.01	33.2
%RSD	.97760	.17172	2.0228	2.2409	.85810

#1	3561.2	48321.	5238.8	132.25	3889.0
#2	3512.3	48439.	5390.8	136.51	3842.1

Sample Name: J5916-14 Acquired: 11/13/2018 23:37:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00044	-.00061	-.00009	-.00134	.00727	.01018	.00003
Stddev	.00176	.00010	.00008	.00151	.00114	.00295	.00092	.00000
%RSD	95.769	22.021	12.852	1685.4	84.993	40.562	9.0458	13.825

#1	.00309	-.00051	-.00055	-.00116	-.00053	.00518	.00953	.00002
#2	.00059	-.00037	-.00066	.00098	-.00215	.00936	.01083	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	22.666	-.00042	.00008	.00160	.02976	.00244	4.6954
Stddev	.00002	.190	.00013	.00013	.00026	.00116	.00000	.0673
%RSD	47.382	.83919	31.354	166.28	16.052	3.9018	.18502	1.4342

#1	-.00006	22.531	-.00051	-.00001	.00142	.02894	.00245	4.6477
#2	-.00003	22.800	-.00033	.00018	.00178	.03059	.00244	4.7430

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00021	17.859	.00026	-.00009	1.5349	.00001	.00175
Stddev	.00020	.00005	.015	.00019	.00013	.0265	.00007	.00052
%RSD	9.1698	25.927	.08526	73.790	152.06	1.7278	753.49	29.805

#1	.00237	-.00017	17.870	.00012	.00001	1.5162	-.00004	.00212
#2	.00208	-.00024	17.848	.00039	-.00018	1.5537	.00006	.00138

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8139	2.1011	-.00201	-.00013	-.00158	.0299	.10608	<.00000
Stddev	.0259	.0183	.00025	.00103	.00153	.0001	.00008	.44733
%RSD	.92106	.86905	12.363	772.44	96.664	.2324	.07902	23.952

#1	2.8322	2.0882	-.00183	-.00086	-.00266	.0298	.10602	-2.1839
#2	2.7955	2.1140	-.00218	.00059	-.00050	.0299	.10614	-1.5513

Sample Name: J5916-14 Acquired: 11/13/2018 23:37:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .56972
Stddev .51743
%RSD 90.822

#1 .93560
#2 .20384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.4	48446.	5384.2	134.76	4002.6
Stddev	8.1	102.	17.0	.58	38.7
%RSD	.22229	.21013	.31512	.43079	.96694

#1	3634.7	48374.	5396.2	135.17	3975.2
#2	3646.2	48518.	5372.2	134.35	4030.0

Sample Name: J5916-15 Acquired: 11/13/2018 23:41:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	.00046	-.00052	.00077	-.00077	.00833	.01009	-.00001
Stddev	.00174	.00005	.00036	.00028	.00086	.01599	.00044	.00001
%RSD	47.941	11.491	70.141	37.153	112.36	191.84	4.3987	157.27

#1	.00240	.00049	-.00077	.00057	-.00138	-.00297	.01041	.00000
#2	.00487	.00042	-.00026	.00097	-.00016	.01964	.00978	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	22.480	-.00015	-.00018	.00071	.02011	.00069	4.7218
Stddev	.00001	.107	.00024	.00008	.00001	.00185	.00002	.0112
%RSD	13.170	.47559	158.46	43.865	1.1775	9.1980	2.7005	.23657

#1	-.00010	22.555	-.00032	-.00012	.00071	.02141	.00071	4.7139
#2	-.00009	22.404	.00002	-.00023	.00072	.01880	.00068	4.7297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00054	17.976	.00030	-.00012	1.5377	.00013	.00647
Stddev	.00016	.00017	.120	.00036	.00003	.0218	.00022	.00288
%RSD	8.9174	31.634	.66848	119.20	23.910	1.4189	176.39	44.483

#1	.00195	-.00042	18.061	.00055	-.00014	1.5223	-.00003	.00851
#2	.00172	-.00066	17.891	.00005	-.00010	1.5532	.00028	.00444

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8527	2.0755	-.00186	-.00003	-.00064	.0306	.10565	<.00000
Stddev	.0444	.0037	.00012	.00139	.00030	.0014	.00036	.07143
%RSD	1.5556	.18006	6.2185	4005.0	47.544	4.561	.34163	3.7039

#1	2.8213	2.0782	-.00178	-.00102	-.00085	.0296	.10591	-1.8781
#2	2.8840	2.0729	-.00194	.00095	-.00042	.0316	.10540	-1.9791

Sample Name: J5916-15 Acquired: 11/13/2018 23:41:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .48529
Stddev .19953
%RSD 41.115

#1 .62638
#2 .34420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.4	48753.	5464.6	136.84	3952.3
Stddev	25.1	394.	18.3	2.44	46.6
%RSD	.69664	.80871	.33559	1.7838	1.1787

#1	3626.2	48474.	5451.7	135.12	3985.3
#2	3590.6	49032.	5477.6	138.57	3919.4

Sample Name: CCV13 Acquired: 11/13/2018 23:45:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4830	4.5081	4.7049	F 4.3807	4.5593	F 8.7641	9.2268	.23388
Stddev	.0182	.0172	.0274	.0183	.0144	.0242	.0063	.00021
%RSD	.40635	.38171	.58273	.41830	.31689	.27660	.06852	.08775

#1	4.4702	4.4959	4.6855	4.3677	4.5490	8.7469	9.2223	.23373
#2	4.4959	4.5202	4.7243	4.3936	4.5695	8.7812	9.2313	.23402

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3071	24.069	.91286	2.3135	1.1382	4.5930	2.3895	23.000
Stddev	.0107	.161	.00167	.0128	.0002	.0884	.0014	.022
%RSD	.46458	.66907	.18264	.55452	.01924	1.9250	.05944	.09500

#1	2.2996	23.955	.91168	2.3044	1.1384	4.6555	2.3885	22.985
#2	2.3147	24.183	.91404	2.3226	1.1381	4.5304	2.3905	23.015

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2585	F 1.1156	F 22.272	F 2.2473	2.4596	23.250	F 4.4750	F 4.4075
Stddev	.0094	.0013	.002	.0016	.0412	.013	.0193	.0096
%RSD	.41788	.11834	.00945	.06957	1.6737	.05725	.43176	.21767

#1	2.2518	1.1147	22.274	2.2462	2.4887	23.240	4.4613	4.4007
#2	2.2651	1.1165	22.271	2.2484	2.4305	23.259	4.4887	4.4142

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.1481	4.8948	F 4.4062	4.5665	F 4.4729	F 4.428	4.5853	F .62353
Stddev	.0103	.0164	.0202	.0091	.0033	.031	.0024	.81971
%RSD	.24788	.33420	.45839	.19910	.07439	.6915	.05284	131.46

#1	4.1408	4.8832	4.3919	4.5600	4.4705	4.406	4.5836	1.2032
#2	4.1553	4.9064	4.4205	4.5729	4.4752	4.450	4.5870	.04391

Sample Name: CCV13 Acquired: 11/13/2018 23:45:11 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7565
Stddev	.0358
%RSD	1.2976

#1	2.7312
#2	2.7818

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.1	44759.	5063.7	122.06	3337.7
Stddev	5.0	134.	2.8	2.41	7.7
%RSD	.15358	.29860	.05463	1.9736	.22968

#1	3285.7	44665.	5065.7	120.36	3343.1
#2	3278.5	44854.	5061.8	123.77	3332.2

Sample Name: CCB13 Acquired: 11/13/2018 23:48:56 Type: Unk
Method: P4-ICP2(v2577) 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	-.00007	.00041	-.00040	-.00058	.00085	.00571	.00017
Stddev	.00007	.00009	.00009	.00132	.00037	.00021	.00004
%RSD	92.846	21.922	22.266	229.69	43.510	3.6185	23.185

#1	-.00002	.00047	-.00046	-.00151	.00111	.00556	.00020
#2	-.00012	.00035	-.00034	.00036	.00059	.00586	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00006	-.01182	.00015	-.00011	.00021	-.00373
Stddev	.00007	.00003	.01213	.00007	.00001	.00022	.00197
%RSD	709.00	48.913	102.62	47.501	12.791	103.87	52.649

#1	.00004	-.00004	-.00324	.00020	-.00010	.00006	-.00512
#2	-.00006	-.00009	-.02039	.00010	-.00012	.00036	-.00234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.01324	.00150	-.00015	.02703	-.00022	.00030
Stddev	.00002	.03673	.00013	.00015	.00300	.00010	.00010
%RSD	21.744	277.51	8.4049	96.291	11.107	45.065	33.377

#1	-.00008	.01274	.00159	-.00005	.02915	-.00029	.00036
#2	-.00011	-.03921	.00141	-.00026	.02491	-.00015	.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04315	.00034	-.00284	F -.04105	-.00776	-.00050	.00137
Stddev	.00371	.00001	.00070	.00166	.00143	.00013	.00324
%RSD	8.6007	2.5976	24.522	4.0483	18.456	25.532	236.72

#1	.04053	.00033	-.00333	-.03988	-.00675	-.00041	.00365
#2	.04577	.00034	-.00234	-.04223	-.00878	-.00059	-.00092

Sample Name: CCB13 Acquired: 11/13/2018 23:48:56 Type: Unk
 Method: P4-ICP2(v2577) 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	.00250	-.0014	.00002	F<.00000	F 1.2074
Stddev	.00175	.0016	.00000	.26208	.1291
%RSD	69.921	113.5	15.965	8.4603	10.691

#1	.00127	-.0003	.00002	-2.9124	1.2987
#2	.00374	-.0026	.00002	-3.2831	1.1161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.5	47430.	5105.6	127.20	3807.7
Stddev	12.7	415.	26.7	.28	20.5
%RSD	.36662	.87544	.52383	.21772	.53854

#1	3463.5	47136.	5124.6	127.01	3822.2
#2	3445.6	47724.	5086.7	127.40	3793.2

Sample Name: J5916-16 Acquired: 11/13/2018 23:53:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00073	-.00103	-.00111	-.00136	-.00159	.01013	-.00002
Stddev	.00323	.00030	.00048	.00318	.00144	.00120	.00038	.00001
%RSD	119.91	41.093	46.902	285.81	105.63	75.631	3.7980	64.800

#1	.00041	.00052	-.00137	.00114	-.00034	-.00244	.01040	-.00003
#2	.00497	.00094	-.00069	-.00336	-.00238	-.00074	.00985	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	22.708	-.00024	.00011	.00117	.02953	.00065	4.6924
Stddev	.00005	.050	.00010	.00004	.00011	.00146	.00008	.0190
%RSD	93.567	.21831	42.751	37.225	9.2050	4.9537	12.003	.40557

#1	-.00002	22.743	-.00017	.00008	.00125	.03056	.00060	4.6789
#2	-.00010	22.673	-.00032	.00014	.00110	.02849	.00071	4.7058

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	-.00011	17.515	.00052	-.00008	1.5073	.00013	.00385
Stddev	.00018	.00004	.162	.00043	.00008	.0125	.00007	.00819
%RSD	10.100	34.760	.92732	81.978	97.375	.83021	52.542	213.07

#1	.00193	-.00014	17.630	.00082	-.00002	1.4984	.00018	.00964
#2	.00167	-.00009	17.400	.00022	-.00013	1.5161	.00008	-.00195

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8827	2.0830	-.00215	-.00099	-.00040	.0311	.10505	<.00000
Stddev	.0479	.0105	.00009	.00152	.00059	.0005	.00032	1.2820
%RSD	1.6627	.50549	4.0203	152.90	146.11	1.714	.30239	59.867

#1	2.9166	2.0904	-.00209	-.00206	-.00082	.0315	.10483	-3.0479
#2	2.8488	2.0755	-.00222	.00008	.00001	.0307	.10528	-1.2349

Sample Name: J5916-16 Acquired: 11/13/2018 23:53:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .14684
Stddev .10465
%RSD 71.268

#1 .22084
#2 .07284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.1	50132.	5409.6	136.66	3908.1
Stddev	35.8	3336.	60.4	5.44	34.6
%RSD	.99910	6.6546	1.1174	3.9818	.88613

#1	3553.8	52491.	5366.9	132.81	3883.6
#2	3604.4	47773.	5452.3	140.51	3932.6

Sample Name: J5916-17 Acquired: 11/13/2018 23:57:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00249	.00003	-.00112	-.00012	-.00127	.00539	.01096	.00002
Stddev	.00048	.00009	.00027	.00343	.00108	.00263	.00036	.00002
%RSD	19.139	247.14	24.344	2827.5	85.014	48.757	3.3198	127.98

#1	.00216	.00010	-.00131	-.00255	-.00203	.00353	.01122	.00000
#2	.00283	-.00003	-.00092	.00230	-.00050	.00725	.01070	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	22.642	-.00021	-.00015	.00111	.02024	.00070	4.6364
Stddev	.00006	.058	.00022	.00020	.00033	.00118	.00003	.0725
%RSD	117.08	.25722	109.24	134.03	29.333	5.8496	4.2313	1.5630

#1	-.00010	22.601	-.00005	-.00001	.00088	.01940	.00068	4.6877
#2	-.00001	22.683	-.00036	-.00029	.00134	.02107	.00073	4.5852

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00051	17.365	.00037	.00005	1.4862	-.00001	-.00167
Stddev	.00018	.00012	.014	.00011	.00006	.0324	.00013	.00060
%RSD	10.845	23.081	.07871	29.035	120.85	2.1784	2634.4	36.020

#1	.00154	-.00043	17.355	.00044	.00009	1.4634	.00009	-.00125
#2	.00180	-.00059	17.375	.00029	.00001	1.5091	-.00010	-.00210

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8152	2.0923	-.00230	-.00011	-.00162	.0293	.10352	<.00000
Stddev	.0134	.0130	.00036	.00016	.00072	.0001	.00025	.65168
%RSD	.47583	.62038	15.465	143.41	44.572	.3776	.23930	31.691

#1	2.8057	2.0832	-.00255	-.00022	-.00111	.0292	.10334	-1.5955
#2	2.8247	2.1015	-.00205	.00000	-.00213	.0293	.10369	-2.5171

Sample Name: J5916-17 Acquired: 11/13/2018 23:57:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54008
Stddev .20020
%RSD 37.068

#1 .68164
#2 .39852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.1	48577.	5359.4	135.77	3877.4
Stddev	16.1	245.	32.5	.23	16.0
%RSD	.45459	.50445	.60651	.16683	.41334

#1	3560.5	48404.	5382.4	135.93	3888.7
#2	3537.7	48750.	5336.4	135.61	3866.0

Sample Name: J5916-18 Acquired: 11/14/2018 0:01:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	-.00029	-.00078	-.00128	-.00101	.01239	.01079	.00006
Stddev	.00113	.00012	.00050	.00064	.00003	.00285	.00009	.00003
%RSD	64.505	39.557	64.031	50.051	2.6253	23.009	.86709	46.885

#1	.00095	-.00037	-.00043	-.00174	-.00103	.01441	.01086	.00004
#2	.00255	-.00021	-.00113	-.00083	-.00099	.01038	.01073	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	22.799	-.00011	-.00001	.00118	.02485	.00073	4.6550
Stddev	.00003	.104	.00003	.00000	.00020	.00079	.00002	.0655
%RSD	123.47	.45794	29.969	14.323	16.730	3.1654	2.5999	1.4064

#1	-.00005	22.725	-.00014	-.00001	.00104	.02540	.00072	4.6088
#2	-.00000	22.873	-.00009	-.00001	.00132	.02429	.00074	4.7013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00060	17.440	.00005	-.00023	1.4971	.00008	.00444
Stddev	.00001	.00054	.104	.00013	.00004	.0118	.00016	.00734
%RSD	.65758	88.885	.59379	243.61	16.865	.79098	214.68	165.56

#1	.00177	-.00098	17.366	-.00004	-.00021	1.5054	.00019	.00963
#2	.00175	-.00022	17.513	.00015	-.00026	1.4887	-.00004	-.00076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7693	2.1433	-.00226	.00000	-.00101	.0288	.10431	<.00000
Stddev	.0524	.0313	.00029	.00239	.00023	.0015	.00064	.09686
%RSD	1.8927	1.4586	12.624	88683.	22.449	5.368	.61523	4.9215

#1	2.7323	2.1212	-.00206	-.00169	-.00085	.0277	.10386	-2.0366
#2	2.8064	2.1654	-.00246	.00169	-.00117	.0299	.10477	-1.8996

Sample Name: J5916-18 Acquired: 11/14/2018 0:01:11 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .33613
Stddev .45194
%RSD 134.45

#1 .65570
#2 .01656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.6	48403.	5359.2	134.18	3933.9
Stddev	62.2	66.	42.6	1.94	82.6
%RSD	1.7306	.13553	.79551	1.4423	2.1004

#1	3636.6	48356.	5389.3	132.81	3992.3
#2	3548.7	48449.	5329.0	135.54	3875.5

Sample Name: J5916-19 Acquired: 11/14/2018 0:05:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	.00057	-.00079	-.00213	-.00164	-.00315	.01121	-.00003
Stddev	.00057	.00028	.00004	.00063	.00103	.01027	.00008	.00005
%RSD	16.670	49.316	5.2991	29.420	63.140	325.78	.72072	172.60

#1	.00303	.00037	-.00076	-.00169	-.00237	-.01041	.01126	-.00007
#2	.00384	.00077	-.00082	-.00258	-.00091	.00411	.01115	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	22.387	-.00045	-.00004	.00130	.02378	.00070	4.6947
Stddev	.00002	.258	.00016	.00017	.00030	.00251	.00007	.0060
%RSD	131.88	1.1521	36.001	381.09	23.422	10.572	9.5004	.12706

#1	-.00000	22.205	-.00057	.00008	.00151	.02200	.00065	4.6905
#2	-.00003	22.569	-.00034	-.00017	.00108	.02556	.00075	4.6990

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	.00006	17.242	.00001	-.00011	1.4679	.00006	.00454
Stddev	.00005	.00034	.280	.00032	.00005	.0253	.00003	.00072
%RSD	2.7469	605.49	1.6229	3663.3	47.531	1.7234	58.648	15.959

#1	.00177	.00030	17.045	-.00022	-.00007	1.4500	.00008	.00505
#2	.00170	-.00019	17.440	.00024	-.00015	1.4858	.00003	.00402

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7742	2.0854	-.00220	-.00071	-.00102	.0301	.10300	<.00000
Stddev	.0159	.0399	.00012	.00095	.00044	.0007	.00116	1.8351
%RSD	.57149	1.9125	5.5189	133.87	43.350	2.258	1.1224	66.388

#1	2.7630	2.0572	-.00228	-.00004	-.00133	.0296	.10218	-4.0619
#2	2.7854	2.1136	-.00211	-.00137	-.00071	.0306	.10382	-1.4666

Sample Name: J5916-19 Acquired: 11/14/2018 0:05:15 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .15045
Stddev .01617
%RSD 10.750

#1 .13901
#2 .16189

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3567.9	49260.	5430.9	136.60	3899.8
Stddev	4.7	4095.	86.1	.54	6.5
%RSD	.13231	8.3119	1.5856	.39222	.16568

#1	3571.2	52156.	5491.8	136.98	3895.3
#2	3564.6	46365.	5370.0	136.22	3904.4

Sample Name: J5916-20 Acquired: 11/14/2018 0:09:19 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00055	-.00019	.00072	-.00161	.00450	.01040	.00001
Stddev	.00033	.00004	.00126	.00000	.00035	.00905	.00018	.00001
%RSD	29.041	7.4321	671.81	.01761	21.728	201.28	1.6946	133.98

#1	.00091	-.00052	-.00108	.00072	-.00136	.01090	.01028	.00002
#2	.00138	-.00058	.00070	.00072	-.00186	-.00190	.01053	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	22.516	-.00012	-.00010	.00106	.02557	.00084	4.6993
Stddev	.00000	.348	.00024	.00010	.00032	.00565	.00009	.0594
%RSD	9.8500	1.5435	205.78	95.881	30.279	22.105	10.223	1.2631

#1	-.00002	22.271	.00005	-.00003	.00084	.02957	.00078	4.6573
#2	-.00002	22.762	-.00029	-.00017	.00129	.02158	.00090	4.7413

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	-.00036	17.606	.00003	.00021	1.5175	.00005	.00351
Stddev	.00009	.00029	.455	.00015	.00009	.0503	.00008	.00213
%RSD	4.9285	80.953	2.5838	517.11	43.725	3.3155	167.44	60.750

#1	.00184	-.00015	17.284	.00014	.00014	1.4819	.00011	.00200
#2	.00171	-.00056	17.928	-.00008	.00027	1.5531	-.00001	.00502

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7616	2.0867	-.00250	.00020	-.00022	.0297	.10394	<.00000
Stddev	.0825	.0800	.00050	.00232	.00039	.0002	.00221	1.1753
%RSD	2.9872	3.8355	19.889	1189.1	177.84	.5427	2.1242	48.888

#1	2.8200	2.0301	-.00215	-.00145	-.00049	.0296	.10238	-3.2352
#2	2.7033	2.1433	-.00285	.00184	.00006	.0298	.10550	-1.5730

Sample Name: J5916-20 Acquired: 11/14/2018 0:09:19 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .55453
 %RSD 1299.2

#1 .34943
 #2 -.43479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.8	49085.	5445.9	136.57	3956.4
Stddev	86.8	1822.	127.0	6.04	89.4
%RSD	2.4059	3.7117	2.3323	4.4229	2.2592

#1	3548.4	50373.	5535.7	140.84	3893.2
#2	3671.2	47797.	5356.1	132.30	4019.7

Sample Name: J5916-21 Acquired: 11/14/2018 0:13:23 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00534	.00008	-.00040	.00081	.00004	.01011	.01089	-.00001
Stddev	.00164	.00073	.00022	.00040	.00039	.00719	.00019	.00006
%RSD	30.621	874.08	54.954	49.027	868.59	71.127	1.7235	563.73

#1	.00650	.00060	-.00056	.00109	-.00023	.01519	.01076	.00003
#2	.00419	-.00043	-.00025	.00053	.00032	.00502	.01102	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	22.713	-.00055	-.00030	.00096	.01985	.00063	4.7535
Stddev	.00000	.062	.00017	.00001	.00009	.00024	.00003	.0174
%RSD	3.0185	.27278	30.668	5.0332	9.7675	1.1938	4.4326	.36544

#1	-.00005	22.757	-.00067	-.00028	.00103	.02002	.00065	4.7658
#2	-.00005	22.669	-.00043	-.00031	.00089	.01968	.00061	4.7413

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	-.00020	17.880	.00021	-.00006	1.5262	.00021	.00811
Stddev	.00002	.00008	.043	.00014	.00002	.0039	.00016	.00055
%RSD	1.0562	41.351	.24247	66.270	36.954	.25584	76.129	6.7236

#1	.00167	-.00014	17.850	.00030	-.00005	1.5234	.00032	.00850
#2	.00164	-.00026	17.911	.00011	-.00008	1.5289	.00010	.00773

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8479	2.1002	-.00212	-.00039	-.00067	.0306	.10559	<.00000
Stddev	.0056	.0115	.00029	.00017	.00140	.0011	.00011	.20193
%RSD	.19840	.54582	13.460	44.029	209.43	3.623	.10697	10.155

#1	2.8519	2.1083	-.00192	-.00027	.00032	.0314	.10551	-2.1313
#2	2.8439	2.0921	-.00232	-.00051	-.00166	.0299	.10567	-1.8457

Sample Name: J5916-21 Acquired: 11/14/2018 0:13:23 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .00108
Stddev .77699
%RSD 72274.

#1 .55049
#2 -.54834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.3	48599.	5365.9	133.87	3856.9
Stddev	2.1	698.	2.3	.57	4.0
%RSD	.05857	1.4369	.04254	.42798	.10397

#1	3512.8	48105.	5367.5	134.28	3859.8
#2	3509.8	49093.	5364.3	133.47	3854.1

Sample Name: J5916-22 Acquired: 11/14/2018 0:17:27 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00006	-.00021	-.00004	-.00146	.00196	.01088	-.00002
Stddev	.00028	.00071	.00072	.00006	.00082	.00477	.00037	.00002
%RSD	15.248	1087.6	335.23	148.45	56.013	243.21	3.3876	100.00

#1	.00204	-.00056	-.00072	-.00009	-.00088	.00533	.01062	-.00004
#2	.00164	.00043	.00029	.00000	-.00203	-.00141	.01114	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	22.568	-.00017	-.00011	.00113	.02661	.00069	4.7887
Stddev	.00005	.148	.00020	.00012	.00004	.00335	.00002	.0520
%RSD	80.850	.65611	119.26	110.30	3.6429	12.589	2.3535	1.0852

#1	-.00010	22.464	-.00003	-.00002	.00110	.02898	.00068	4.8255
#2	-.00003	22.673	-.00031	-.00019	.00116	.02424	.00071	4.7520

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00034	17.949	.00025	-.00007	1.5075	-.00004	.00154
Stddev	.00023	.00036	.036	.00015	.00003	.0344	.00019	.00187
%RSD	12.675	106.70	.19860	58.370	49.269	2.2814	487.95	121.39

#1	.00195	-.00060	17.974	.00015	-.00009	1.5318	.00010	.00022
#2	.00163	-.00008	17.924	.00035	-.00005	1.4832	-.00017	.00286

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8291	2.1177	-.00182	-.00069	-.00120	.0306	.10482	<.00000
Stddev	.0742	.0248	.00031	.00059	.00176	.0004	.00030	.17787
%RSD	2.6233	1.1701	17.024	85.232	146.21	1.369	.28722	9.9447

#1	2.7766	2.1002	-.00160	-.00028	-.00244	.0309	.10503	-1.9144
#2	2.8816	2.1352	-.00204	-.00111	.00004	.0303	.10460	-1.6628

Sample Name: J5916-22 Acquired: 11/14/2018 0:17:27 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .14347
 Stddev .05920
 %RSD 41.263

#1 .10161
 #2 .18533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.8	48139.	5339.4	134.12	3858.1
Stddev	60.2	17.	2.5	.43	64.7
%RSD	1.7054	.03535	.04617	.32425	1.6771

#1	3573.4	48151.	5337.7	133.81	3903.8
#2	3488.2	48127.	5341.2	134.43	3812.3

Sample Name: J5915-02 Acquired: 11/14/2018 0:21:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01734	-.00507	.28654	.00266	.00418	56.814	.42263	.00666
Stddev	.00049	.00011	.00094	.00241	.00078	.305	.00062	.00005
%RSD	2.8454	2.1145	.32937	90.864	18.743	.53740	.14666	.82074

#1	.01699	-.00515	.28588	.00436	.00362	56.598	.42219	.00662
#2	.01769	-.00500	.28721	.00095	.00473	57.030	.42307	.00670

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00413	50.117	.13596	.07599	-.02579	187.39	1.3402	21.826
Stddev	.00032	.315	.00117	.00022	.00307	4.61	.0006	.079
%RSD	7.8170	.62897	.86056	.29026	11.911	2.4610	.04105	.36063

#1	-.00436	49.894	.13513	.07583	-.02796	190.65	1.3398	21.770
#2	-.00390	50.340	.13679	.07614	-.02362	184.13	1.3406	21.882

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10230	-.00507	2.4604	.24625	.26983	4.2917	.00014	.02286
Stddev	.00037	.00080	.0047	.00204	.00890	.0023	.00011	.01059
%RSD	.36041	15.783	.19228	.83015	3.2973	.05403	81.742	46.321

#1	.10204	-.00451	2.4571	.24481	.27612	4.2901	.00006	.03035
#2	.10256	-.00564	2.4638	.24770	.26354	4.2934	.00021	.01537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9279	3.4589	.00768	.97973	.05184	8.611	-.09134	<.00000
Stddev	.0002	.0110	.00047	.00237	.00006	.016	.00513	.01670
%RSD	.00786	.31668	6.1023	.24232	.10956	.1888	5.6126	.08963

#1	2.9280	3.4512	.00735	.97805	.05180	8.600	-.09497	-18.618
#2	2.9277	3.4667	.00801	.98141	.05188	8.623	-.08772	-18.642

Sample Name: J5915-02 Acquired: 11/14/2018 0:21:31 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 25.038
Stddev .817
%RSD 3.2632

#1 25.616
#2 24.460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.2	55545.	6334.9	124.14	3385.8
Stddev	7.8	5.	12.4	4.03	2.8
%RSD	.19502	.00826	.19579	3.2476	.08339

#1	4000.7	55548.	6326.2	121.28	3383.8
#2	4011.8	55542.	6343.7	126.99	3387.8

Sample Name: J5915-03 Acquired: 11/14/2018 0:25:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	-.00509	.07171	.00174	.00555	58.442	.54635	.00680
Stddev	.00026	.00184	.00010	.00192	.00026	.214	.00042	.00001
%RSD	4.4374	36.214	.14479	110.00	4.5965	.36556	.07751	.21677

#1	.00558	-.00639	.07179	.00039	.00573	58.291	.54665	.00681
#2	.00595	-.00379	.07164	.00310	.00537	58.593	.54605	.00679

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00453	28.308	.14916	.06234	.00825	188.85	1.1970	19.130
Stddev	.00004	.070	.00058	.00028	.00117	.36	.0005	.148
%RSD	.77574	.24736	.39199	.45592	14.227	.19135	.04337	.77168

#1	-.00451	28.259	.14957	.06214	.00908	188.60	1.1974	19.026
#2	-.00456	28.358	.14875	.06254	.00742	189.11	1.1967	19.234

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12782	-.00479	1.4448	.18926	.31604	7.4259	.00033	.02489
Stddev	.00011	.00003	.0068	.00119	.00360	.0286	.00016	.00363
%RSD	.08666	.71636	.46791	.62958	1.1405	.38481	50.338	14.580

#1	.12790	-.00481	1.4400	.18841	.31859	7.4057	.00044	.02233
#2	.12774	-.00476	1.4496	.19010	.31350	7.4462	.00021	.02746

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36428	5.4309	.00644	1.5982	.05600	5.343	-.10754	<.00000
Stddev	.00133	.0610	.00104	.0102	.00018	.031	.00029	.32104
%RSD	.36510	1.1238	16.194	.64051	.31576	.5755	.26980	1.6628

#1	.36522	5.3877	.00718	1.5910	.05612	5.364	-.10775	-19.534
#2	.36334	5.4740	.00571	1.6054	.05587	5.321	-.10734	-19.080

Sample Name: J5915-03 Acquired: 11/14/2018 0:25:24 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.020
Stddev .023
%RSD .08682

#1 26.036
#2 26.004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3930.2	54284.	6176.3	123.00	3415.4
Stddev	1.0	87.	.2	.03	12.2
%RSD	.02646	.15960	.00272	.02231	.35849

#1	3929.4	54346.	6176.1	122.98	3424.1
#2	3930.9	54223.	6176.4	123.02	3406.8

Sample Name: J5915-04 Acquired: 11/14/2018 0:29:19 Type: Unk
 Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02377	-.00863	.07709	.00225	.00648	64.574	1.1707	.01113
Stddev	.00275	.00005	.00134	.00020	.00028	.446	.0043	.00014
%RSD	11.557	.56427	1.7345	8.7225	4.3629	.69064	.36560	1.2940

#1	.02572	-.00859	.07615	.00239	.00668	64.258	1.1737	.01123
#2	.02183	-.00866	.07804	.00211	.00628	64.889	1.1677	.01103

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00488	33.155	.15464	.13204	-.00861	244.53	7.3207	26.293
Stddev	.00046	.030	.00162	.00093	.00372	4.90	.0442	.233
%RSD	9.4835	.09134	1.0475	.70809	43.213	2.0035	.60340	.88551

#1	-.00521	33.134	.15349	.13271	-.01124	247.99	7.3519	26.457
#2	-.00455	33.177	.15578	.13138	-.00598	241.06	7.2895	26.128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28718	-.00588	2.2121	.23717	.40512	10.173	-.00006	.04014
Stddev	.00062	.00103	.0188	.00001	.00895	.006	.00008	.00813
%RSD	.21614	17.538	.85065	.00625	2.2083	.05440	134.43	20.261

#1	.28762	-.00515	2.2254	.23716	.41145	10.169	-.00012	.04589
#2	.28675	-.00661	2.1988	.23718	.39880	10.177	-.00000	.03439

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29018	4.0789	.00859	1.7110	.09514	6.423	-.10716	<.00000
Stddev	.00124	.0275	.00031	.0006	.00051	.019	.00458	.19539
%RSD	.42836	.67413	3.5793	.03780	.53599	.2992	4.2714	.81024

#1	.29106	4.0984	.00881	1.7106	.09550	6.437	-.11039	-23.978
#2	.28930	4.0595	.00837	1.7115	.09478	6.410	-.10392	-24.254

Sample Name: J5915-04 Acquired: 11/14/2018 0:29:19 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 23.967
Stddev .123
%RSD .51195

#1 24.054
#2 23.881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3918.7	54087.	6183.6	120.89	3333.3
Stddev	3.5	16.	47.4	2.73	14.8
%RSD	.08950	.02999	.76685	2.2572	.44435

#1	3921.1	54098.	6150.1	118.96	3322.8
#2	3916.2	54075.	6217.1	122.82	3343.8

Sample Name: CCV14 Acquired: 11/14/2018 0:33:20 Type: Unk
Method: P4-ICP2(v2577) 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 4.4644	F 4.4946	4.7127	F 4.3539	4.5276	F 8.6482	9.1970
Stddev	.0085	.0099	.0000	.0033	.0060	.0801	.0339
%RSD	.19036	.21957	.00064	.07661	.13142	.92679	.36872

#1	4.4583	4.5016	4.7128	4.3563	4.5318	8.5915	9.2210
#2	4.4704	4.4876	4.7127	4.3516	4.5233	8.7049	9.1730

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23353	2.3150	23.927	.91323	2.3232	1.1345	4.5476
Stddev	.00002	.0030	.043	.00128	.0003	.0038	.0297
%RSD	.00647	.13073	.18078	.13967	.01407	.33229	.65372

#1	.23354	2.3171	23.958	.91413	2.3229	1.1372	4.5266
#2	.23351	2.3129	23.897	.91233	2.3234	1.1318	4.5686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3921	22.916	2.2649	F 1.1153	F 22.202	2.2529	2.4727
Stddev	.0018	.019	.0038	.0014	.113	.0022	.0088
%RSD	.07493	.08396	.16825	.12806	.51058	.09838	.35754

#1	2.3933	22.930	2.2676	1.1163	22.283	2.2545	2.4790
#2	2.3908	22.903	2.2622	1.1143	22.122	2.2514	2.4665

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.192	F 4.4579	F 4.3876	F 4.1287	4.9261	F 4.4153	4.5486
Stddev	.134	.0108	.0035	.0219	.0411	.0011	.0045
%RSD	.57686	.24194	.07876	.53018	.83345	.02524	.09951

#1	23.287	4.4656	4.3900	4.1441	4.9551	4.4145	4.5518
#2	23.097	4.4503	4.3851	4.1132	4.8971	4.4160	4.5454

Sample Name: CCV14 Acquired: 11/14/2018 0:33:20 Type: Unk
 Method: P4-ICP2(v2577) 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 4.4485	F 4.440	4.5673	F<.00000	F 2.9123
Stddev	.0177	.004	.0272	.48909	1.1163
%RSD	.39733	.0947	.59476	118.55	38.330
#1	4.4610	4.443	4.5865	-.06672	2.1230
#2	4.4360	4.437	4.5481	-.75839	3.7016
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.2	44932.	5038.1	121.88	3348.6
Stddev	6.4	29.	54.2	.58	4.5
%RSD	.19379	.06483	1.0752	.47321	.13563
#1	3305.7	44911.	4999.8	121.47	3345.4
#2	3314.7	44952.	5076.4	122.28	3351.8

Sample Name: CCB14 Acquired: 11/14/2018 0:37:06 Type: Unk
Method: P4-ICP2(v2577) 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	-.00110	-.00013	-.00029	-.00086	.00049	.00578	.00042
Stddev	.00190	.00000	.00074	.00181	.00033	.00183	.00056
%RSD	173.00	2.1968	256.08	210.20	67.078	31.629	133.26

#1	-.00244	-.00013	.00023	.00042	.00072	.00449	.00081
#2	.00024	-.00013	-.00081	-.00214	.00026	.00707	.00002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00006	.01257	.00003	.00003	-.00017	-.00372
Stddev	.00002	.00003	.00717	.00039	.00039	.00013	.00277
%RSD	40.023	45.307	57.051	1165.8	1249.1	78.470	74.520

#1	-.00006	-.00008	.01764	.00031	.00031	-.00008	-.00176
#2	-.00003	-.00004	.00750	-.00024	-.00024	-.00027	-.00568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00049	.00127	-.00019	-.02287	-.00001	.00026
Stddev	.00002	.01347	.00027	.00037	.00821	.00003	.00003
%RSD	23.010	2729.5	20.934	194.07	35.922	277.41	12.078

#1	-.00007	-.00903	.00146	-.00045	-.02868	-.00003	.00029
#2	-.00010	.01002	.00108	.00007	-.01706	.00001	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01501	.00045	-.00038	F -.04231	-.00519	-.00060	.00068
Stddev	.00793	.00011	.00684	.00082	.00301	.00007	.00103
%RSD	52.842	23.639	1806.6	1.9305	57.857	12.293	152.01

#1	-.02062	.00053	.00446	-.04289	-.00307	-.00065	.00141
#2	-.00940	.00038	-.00522	-.04173	-.00732	-.00055	-.00005

Sample Name: CCB14 Acquired: 11/14/2018 0:37:06 Type: Unk
 Method: P4-ICP2(v2577) 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	.00256	-.0015	.00003	F<.00000	F .52045
Stddev	.00095	.0012	.00012	.04633	.12092
%RSD	37.151	77.66	350.45	1.5442	23.234

#1	.00323	-.0007	.00012	-2.9674	.43494
#2	.00189	-.0024	-.00005	-3.0329	.60595

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.0	47398.	5042.3	124.98	3809.4
Stddev	25.9	162.	33.1	.58	7.2
%RSD	.74715	.34268	.65707	.46204	.19016

#1	3480.3	47513.	5018.9	125.39	3814.5
#2	3443.7	47283.	5065.7	124.58	3804.3

Sample Name: J5915-05 Acquired: 11/14/2018 0:41:12 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01416	-.00412	.06726	.00027	.00421	64.787	.66097	.00623
Stddev	.00006	.00020	.00257	.00203	.00205	.948	.00098	.00027
%RSD	.41700	4.7761	3.8283	754.60	48.726	1.4639	.14787	4.3297

#1	.01421	-.00398	.06544	.00171	.00276	65.458	.66166	.00643
#2	.01412	-.00426	.06908	-.00117	.00566	64.116	.66028	.00604

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00522	30.852	.15602	.05298	.00938	199.99	.77005	18.794
Stddev	.00066	.174	.00171	.00012	.00412	5.69	.01042	.042
%RSD	12.611	.56338	1.0943	.22958	43.957	2.8476	1.3536	.22204

#1	-.00568	30.729	.15723	.05289	.00647	204.01	.77742	18.824
#2	-.00475	30.975	.15481	.05306	.01230	195.96	.76268	18.765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12501	-.00599	2.9732	.19583	.31858	9.5278	.00035	.02533
Stddev	.00040	.00032	.0077	.00222	.00471	.0542	.00015	.00493
%RSD	.32001	5.2662	.26033	1.1323	1.4798	.56878	41.828	19.466

#1	.12473	-.00576	2.9787	.19740	.32192	9.4895	.00045	.02881
#2	.12529	-.00621	2.9677	.19427	.31525	9.5661	.00025	.02184

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7120	3.9156	.00594	1.5031	.08059	5.351	.13033	<.00000
Stddev	.0043	.0032	.00002	.0003	.00086	.001	.00559	.44104
%RSD	.15761	.08268	.38483	.02123	1.0659	.0268	4.2855	2.2456

#1	2.7150	3.9133	.00595	1.5033	.07998	5.350	.12638	-19.329
#2	2.7090	3.9179	.00592	1.5029	.08119	5.352	.13428	-19.952

Sample Name: J5915-05 Acquired: 11/14/2018 0:41:12 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 26.013
Stddev .665
%RSD 2.5565

#1 26.483
#2 25.542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.8	53671.	5997.8	122.14	3417.5
Stddev	5.8	607.	32.6	2.58	.2
%RSD	.14917	1.1303	.54282	2.1120	.00574

#1	3863.7	53242.	6020.8	120.31	3417.4
#2	3871.8	54100.	5974.8	123.96	3417.6

Sample Name: J5915-06 Acquired: 11/14/2018 0:45:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00687	-.00508	.07656	.00415	.00320	47.722	.41178	.00487
Stddev	.00002	.00094	.00058	.00380	.00166	.086	.00079	.00011
%RSD	.30213	18.481	.76318	91.399	51.864	.17980	.19117	2.3521

#1	.00686	-.00442	.07697	.00684	.00203	47.783	.41234	.00495
#2	.00689	-.00575	.07615	.00147	.00438	47.661	.41122	.00478

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	33.615	.14214	.04455	-.00852	162.25	1.5014	18.671
Stddev	.00012	.099	.00191	.00002	.00000	.25	.0039	.204
%RSD	3.0707	.29451	1.3420	.05470	.00920	.15387	.25928	1.0911

#1	-.00400	33.685	.14349	.04456	-.00852	162.07	1.5041	18.815
#2	-.00383	33.545	.14079	.04453	-.00852	162.42	1.4986	18.527

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10214	-.00468	1.9821	.23333	.24828	5.3535	.00077	.02143
Stddev	.00081	.00037	.0089	.00216	.00100	.0014	.00004	.00857
%RSD	.79650	7.9560	.44665	.92710	.40407	.02514	5.0444	39.991

#1	.10156	-.00495	1.9884	.23486	.24757	5.3526	.00074	.02748
#2	.10271	-.00442	1.9759	.23180	.24899	5.3545	.00079	.01537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42778	3.4602	.00754	1.3973	.04531	7.688	-.08779	<.00000
Stddev	.00154	.0365	.00092	.0044	.00099	.028	.00054	.70074
%RSD	.35895	1.0538	12.206	.31494	2.1741	.3685	.61158	3.8975

#1	.42669	3.4344	.00689	1.3942	.04462	7.668	-.08741	-18.475
#2	.42886	3.4860	.00819	1.4004	.04601	7.708	-.08817	-17.484

Sample Name: J5915-06 Acquired: 11/14/2018 0:45:07 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 25.917
Stddev .273
%RSD 1.0547

#1 25.723
#2 26.110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.0	55307.	6280.9	125.59	3452.2
Stddev	6.1	170.	13.6	.41	4.2
%RSD	.15124	.30774	.21638	.32741	.12160

#1	4010.2	55187.	6271.3	125.88	3455.2
#2	4001.7	55428.	6290.5	125.30	3449.3

Sample Name: J5915-07 Acquired: 11/14/2018 0:49:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02159	-.00848	.49301	-.00032	.00710	119.99	1.3130	.00827
Stddev	.00041	.00138	.00272	.00059	.00020	.37	.0008	.00001
%RSD	1.9128	16.270	.55207	184.03	2.8685	.30742	.05957	.17110

#1	.02130	-.00945	.49493	.00010	.00696	119.72	1.3124	.00826
#2	.02188	-.00750	.49108	-.00074	.00725	120.25	1.3135	.00828

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	32.260	.20816	.08710	.09203	234.87	2.8775	26.802
Stddev	.00047	.021	.00058	.00095	.00261	2.62	.0029	.030
%RSD	14.531	.06598	.28103	1.0886	2.8363	1.1145	.09979	.11083

#1	-.00292	32.275	.20775	.08777	.09388	233.02	2.8755	26.823
#2	-.00359	32.245	.20857	.08643	.09018	236.72	2.8795	26.781

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21921	-.00713	2.7787	.29138	.84648	8.1476	.00119	.03805
Stddev	.00049	.00034	.0084	.00074	.00839	.0077	.00013	.01354
%RSD	.22356	4.7930	.30345	.25293	.99105	.09430	10.981	35.580

#1	.21956	-.00737	2.7728	.29190	.84054	8.1422	.00128	.02848
#2	.21886	-.00689	2.7847	.29085	.85241	8.1531	.00110	.04763

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0671	5.0867	.02972	1.6867	.13036	5.168	-.02691	<.00000
Stddev	.0013	.1148	.00041	.0112	.00056	.014	.00340	.80910
%RSD	.12207	2.2562	1.3679	.66627	.42878	.2693	12.646	3.7256

#1	1.0662	5.1679	.03001	1.6946	.12997	5.178	-.02450	-21.145
#2	1.0680	5.0056	.02943	1.6787	.13076	5.159	-.02932	-22.290

Sample Name: J5915-07 Acquired: 11/14/2018 0:49:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.379
Stddev .661
%RSD 2.7110

#1 24.847
#2 23.912

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3852.9	52912.	6105.9	123.49	3336.8
Stddev	16.1	3.	15.8	.95	16.8
%RSD	.41714	.00621	.25941	.76998	.50360

#1	3841.5	52910.	6094.7	124.16	3324.9
#2	3864.3	52915.	6117.1	122.82	3348.7

Sample Name: J5915-08 Acquired: 11/14/2018 0:53:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00700	-.00543	.07606	.00306	.00430	47.816	.95254	.00670
Stddev	.00156	.00152	.00029	.00336	.00238	.339	.00688	.00006
%RSD	22.362	28.065	.38118	109.85	55.354	.70973	.72272	.90665

#1	.00589	-.00651	.07586	.00068	.00599	47.576	.94767	.00666
#2	.00810	-.00435	.07627	.00543	.00262	48.056	.95741	.00674

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	26.760	.13375	.07614	-.01517	169.43	2.2457	18.074
Stddev	.00005	.229	.00047	.00033	.00053	.34	.0031	.262
%RSD	1.4454	.85697	.35488	.43077	3.5200	.20214	.13569	1.4518

#1	-.00381	26.597	.13408	.07591	-.01554	169.67	2.2436	17.889
#2	-.00373	26.922	.13341	.07637	-.01479	169.18	2.2479	18.260

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11714	-.00539	2.1236	.19045	.26104	6.1931	.00031	.01981
Stddev	.00034	.00009	.0081	.00114	.00145	.0534	.00021	.00337
%RSD	.28916	1.6352	.38228	.59963	.55713	.86300	68.215	17.004

#1	.11690	-.00545	2.1179	.18964	.26206	6.1553	.00016	.02220
#2	.11738	-.00533	2.1293	.19126	.26001	6.2309	.00045	.01743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2944	3.9494	.00586	1.5975	.04706	5.212	-.10535	<.00000
Stddev	.0039	.0029	.00058	.0032	.00048	.003	.00046	.29253
%RSD	.29886	.07230	9.9527	.20199	1.0281	.0658	.43724	1.6481

#1	1.2972	3.9514	.00627	1.5952	.04672	5.209	-.10568	-17.956
#2	1.2917	3.9474	.00545	1.5998	.04740	5.214	-.10503	-17.542

Sample Name: J5915-08 Acquired: 11/14/2018 0:53:03 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.311
Stddev 1.011
%RSD 3.7023

#1 28.026
#2 26.596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.1	54180.	6105.0	125.62	3464.5
Stddev	4.8	186.	20.5	.85	7.0
%RSD	.12240	.34399	.33615	.67374	.20093

#1	3922.7	54312.	6119.5	125.02	3459.6
#2	3929.5	54049.	6090.5	126.21	3469.5

Sample Name: J5915-09 Acquired: 11/14/2018 0:56:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00880	-.00529	.06752	.00220	.00342	52.603	.54183	.00536
Stddev	.00085	.00076	.00104	.00379	.00131	.090	.00484	.00003
%RSD	9.6004	14.356	1.5338	172.26	38.373	.17110	.89268	.54768

#1	.00940	-.00583	.06679	.00488	.00435	52.539	.54525	.00538
#2	.00821	-.00476	.06826	-.00048	.00249	52.667	.53841	.00534

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00401	25.390	.13612	.03993	-.01569	157.32	1.3717	16.232
Stddev	.00019	.098	.00208	.00002	.00186	2.60	.0015	.047
%RSD	4.7692	.38400	1.5259	.03873	11.839	1.6521	.10728	.28961

#1	-.00415	25.459	.13759	.03994	-.01701	159.16	1.3707	16.198
#2	-.00388	25.321	.13465	.03992	-.01438	155.48	1.3728	16.265

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10075	-.00440	1.3876	.23555	.23892	4.7279	-.00007	.01972
Stddev	.00109	.00009	.0066	.00236	.00578	.0061	.00002	.00127
%RSD	1.0774	1.9625	.47522	1.0019	2.4200	.12975	32.395	6.4602

#1	.09998	-.00434	1.3923	.23722	.24301	4.7322	-.00006	.01882
#2	.10152	-.00446	1.3829	.23388	.23483	4.7236	-.00009	.02063

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23414	3.3279	.00791	1.6876	.05056	5.365	-.10438	<.00000
Stddev	.00185	.0013	.00042	.0101	.00073	.012	.00294	.39847
%RSD	.79211	.03853	5.3355	.59870	1.4393	.2153	2.8181	2.3134

#1	.23545	3.3270	.00821	1.6947	.05107	5.374	-.10646	-17.506
#2	.23283	3.3288	.00761	1.6804	.05004	5.357	-.10230	-16.943

Sample Name: J5915-09 Acquired: 11/14/2018 0:56:59 Type: Unk
Method: P4-ICP2(v2577) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 24.235
Stddev .335
%RSD 1.3816

#1 23.998
#2 24.472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.2	55061.	6232.4	124.02	3489.6
Stddev	11.5	24.	60.1	2.38	8.4
%RSD	.28674	.04427	.96428	1.9170	.23938

#1	3990.1	55078.	6189.9	122.34	3495.5
#2	4006.4	55044.	6274.9	125.70	3483.7

Sample Name: CCV15 Acquired: 11/14/2018 1:00:56 Type: Unk
Method: P4-ICP2(v2577) 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 4.4417	F 4.4752	4.6761	F 4.3260	F 4.4998	F 8.5110	9.1506
Stddev	.0129	.0016	.0115	.0045	.0058	.0399	.0933
%RSD	.29031	.03644	.24557	.10477	.12912	.46929	1.0194

#1	4.4326	4.4741	4.6680	4.3228	4.4956	8.4828	9.2166
#2	4.4509	4.4764	4.6843	4.3292	4.5039	8.5393	9.0847

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23129	2.2984	23.664	.91229	2.3053	1.1301	4.6198
Stddev	.00070	.0017	.170	.00059	.0026	.0050	.0854
%RSD	.30235	.07349	.71887	.06491	.11131	.44568	1.8486

#1	.23080	2.2972	23.784	.91187	2.3035	1.1265	4.6802
#2	.23179	2.2996	23.544	.91271	2.3071	1.1337	4.5594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3719	22.892	2.2537	F 1.1117	F 22.089	F 2.2422	2.4912
Stddev	.0076	.097	.0005	.0018	.197	.0061	.0677
%RSD	.32152	.42429	.02389	.15797	.89156	.27146	2.7192

#1	2.3666	22.961	2.2533	1.1105	22.228	2.2379	2.5391
#2	2.3773	22.824	2.2541	1.1130	21.950	2.2465	2.4433

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.983	F 4.4604	F 4.3532	F 4.0938	4.8998	F 4.3977	4.5738
Stddev	.208	.0178	.0151	.0139	.0467	.0051	.0183
%RSD	.90476	.40003	.34587	.33853	.95261	.11502	.40024

#1	23.130	4.4478	4.3638	4.0840	4.9329	4.4013	4.5868
#2	22.836	4.4730	4.3425	4.1036	4.8668	4.3942	4.5609

Sample Name: CCV15 Acquired: 11/14/2018 1:00:56 Type: Unk
Method: P4-ICP2(v2577) 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 4.4073	F 4.405	4.5571	F<.00000	F 2.9032
Stddev	.0348	.010	.0475	.01167	.1838
%RSD	.79046	.2310	1.0418	1.6593	6.3301

#1	4.4320	4.398	4.5907	-.71168	2.7733
#2	4.3827	4.413	4.5235	-.69518	3.0332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.3	45406.	5066.1	120.82	3369.0
Stddev	10.7	10.	71.3	3.25	2.1
%RSD	.32183	.02188	1.4073	2.6920	.06307

#1	3328.9	45399.	5015.7	118.52	3370.5
#2	3313.8	45413.	5116.6	123.12	3367.5

Sample Name: CCB15 Acquired: 11/14/2018 1:04:43 Type: Unk
Method: P4-ICP2(v2577) 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	-.00072	.00043	-.00091	-.00116	.00103	.01309	-.00029
Stddev	.00154	.00093	.00019	.00067	.00007	.00664	.00007
%RSD	213.81	214.23	21.134	57.548	6.4439	50.733	22.474

#1	-.00181	-.00022	-.00077	-.00069	.00098	.01779	-.00034
#2	.00037	.00109	-.00104	-.00164	.00108	.00839	-.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	.01895	-.00008	-.00012	-.00006	-.00246
Stddev	.00005	.00008	.00156	.00026	.00015	.00052	.00592
%RSD	599.85	979.31	8.2385	312.67	126.65	840.99	240.60

#1	.00002	-.00005	.01785	-.00026	-.00023	.00030	.00173
#2	-.00004	.00007	.02006	.00010	-.00001	-.00043	-.00665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00254	.00127	-.00026	-.05389	-.00010	.00030
Stddev	.00001	.00529	.00033	.00004	.00372	.00033	.00007
%RSD	9.6002	208.42	25.814	16.923	6.9083	337.22	22.312

#1	-.00016	-.00628	.00104	-.00030	-.05652	-.00033	.00035
#2	-.00014	.00120	.00151	-.00023	-.05125	.00014	.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	.00040	-.00605	F -.04315	-.00705	-.00040	-.00085
Stddev	.00896	.00017	.00182	.00184	.00017	.00054	.00003
%RSD	514.90	42.210	30.089	4.2651	2.4383	136.54	3.0453

#1	-.00807	.00052	-.00734	-.04185	-.00717	-.00001	-.00086
#2	.00459	.00028	-.00476	-.04445	-.00693	-.00078	-.00083

Sample Name: CCB15 Acquired: 11/14/2018 1:04:43 Type: Unk
 Method: P4-ICP2(v2577) 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	.00251	-.0010	.00007	F<.00000	F .76137
Stddev	.00043	.0010	.00004	.10225	.33687
%RSD	17.070	96.04	57.845	2.8786	44.246

#1	.00221	-.0017	.00004	-3.6242	.99958
#2	.00282	-.0003	.00010	-3.4796	.52317

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.3	48009.	5150.9	128.32	3838.1
Stddev	32.2	54.	21.7	1.86	29.1
%RSD	.92108	.11193	.42151	1.4465	.75705

#1	3473.5	48047.	5135.5	127.01	3817.5
#2	3519.0	47971.	5166.2	129.63	3858.6