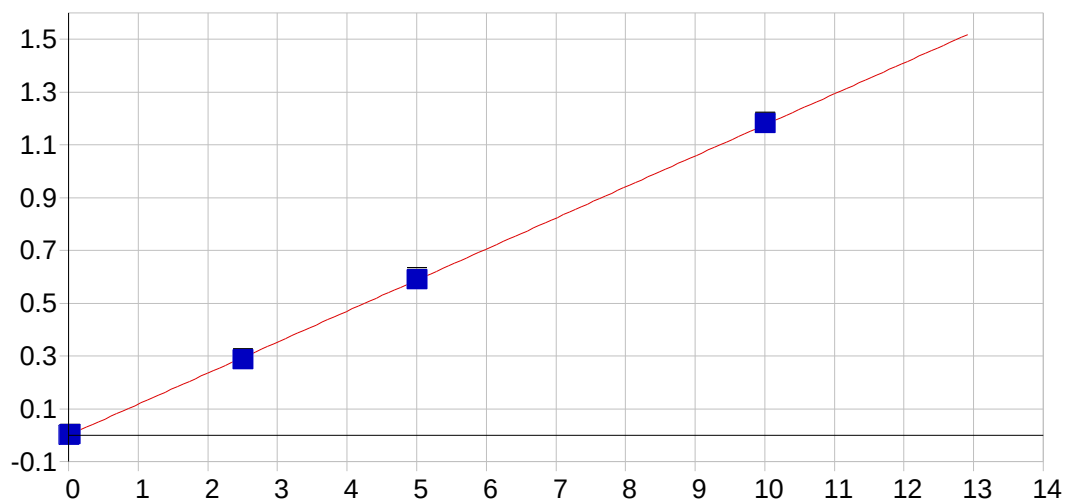


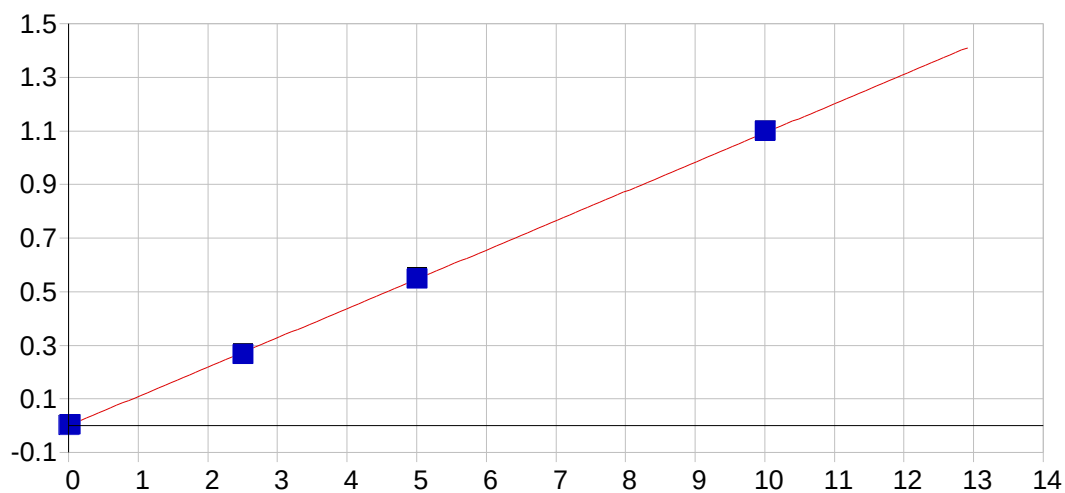


As 189.042 {478}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.117576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002731
 Predicted MQL: 0.009105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02000	.01993	-.000	-.329	.00211	.000	1
S3	2.5000	2.4388	-.061	-2.45	.28650	.001	1
S4	5.0000	5.0154	.015	.308	.58942	.008	1
S5	10.000	10.046	.046	.459	1.1808	.003	1



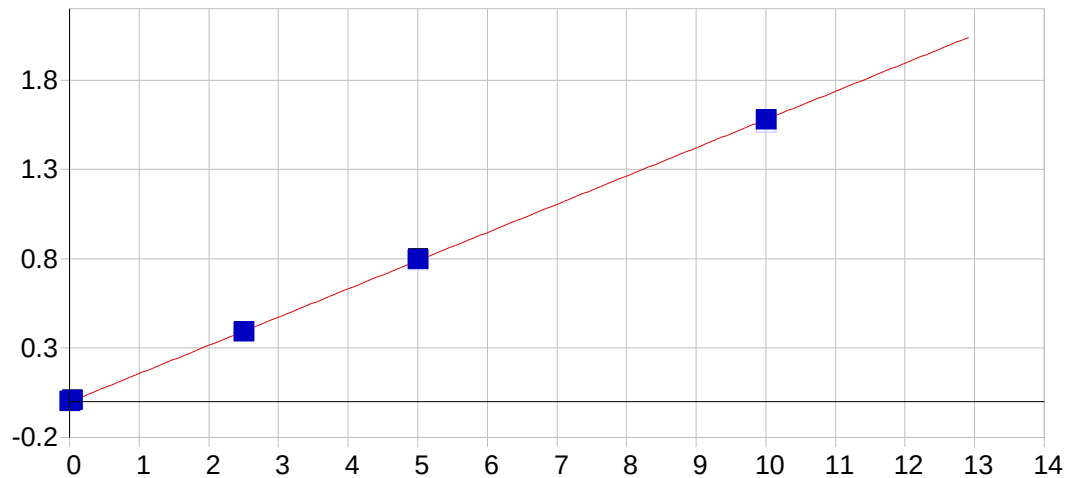
As 189.042 {479}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000097 Re-Slope: 1.000000

A1 (Gain): 0.109230 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002178
 Predicted MQL: 0.007260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.02000	.02137	.001	6.83	.00224	.000	1
S3	2.5000	2.4366	-.063	-2.53	.26606	.001	1
S4	5.0000	5.0096	.010	.192	.54711	.005	1
S5	10.000	10.052	.052	.524	1.0979	.001	1

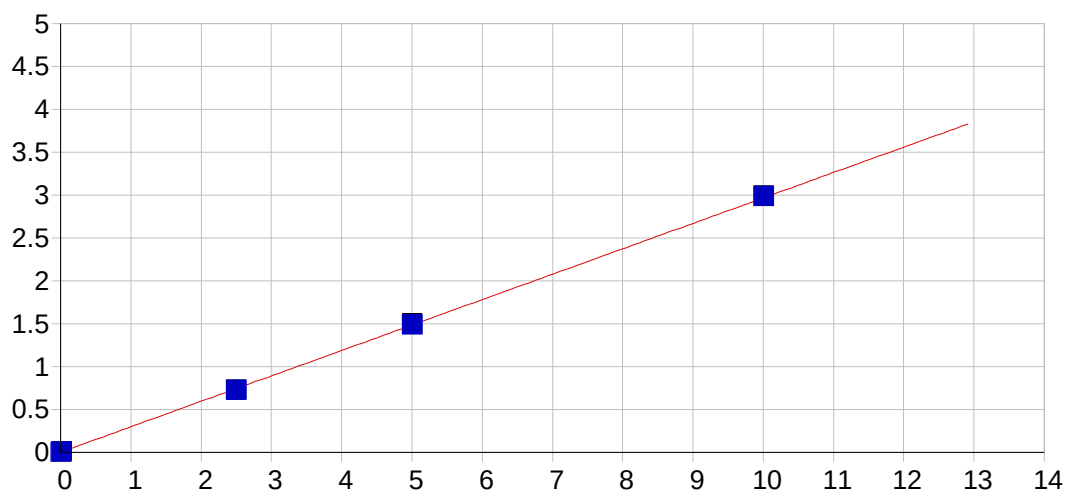


TI 190.856 {477}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000483 Re-Slope: 1.000000
 A1 (Gain): 0.157983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.001283
 Predicted MQL: 0.004278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00048	.000	1
S1	.04000	.04639	.006	16.0	.00668	.000	1
S3	2.5000	2.4729	-.027	-1.08	.38615	.000	1
S4	5.0000	5.0410	.041	.820	.78780	.004	1
S5	10.000	9.9798	-.020	-.202	1.5599	.002	1

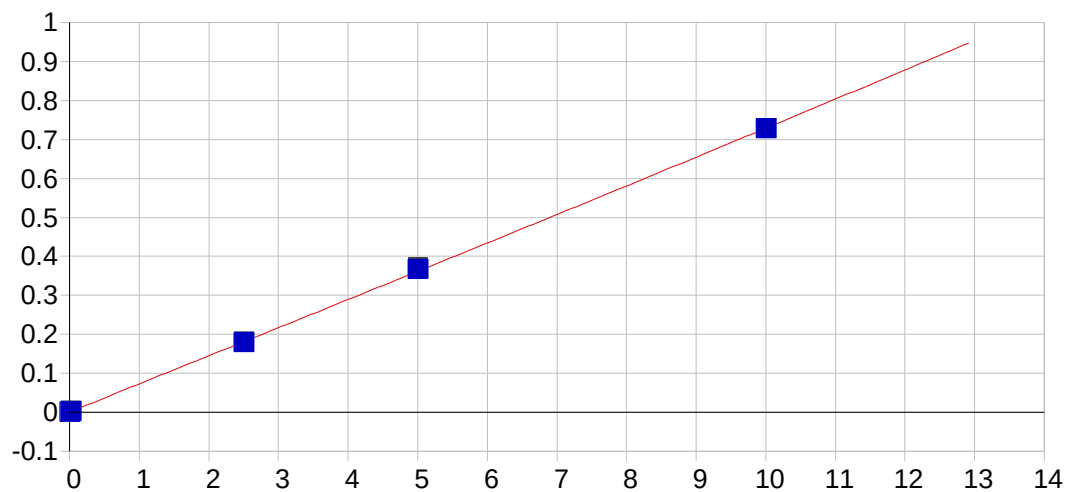


Pb 220.353 {453}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002666 Re-Slope: 1.000000
 A1 (Gain): 0.296394 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001042
 Predicted MQL: 0.003474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00267	.000	1
S1	.01200	.01220	.000	1.67	.00621	.000	1
S3	2.5000	2.4380	-.062	-2.48	.72424	.001	1
S4	5.0000	5.0030	.003	.061	1.4835	.012	1
S5	10.000	10.059	.059	.588	2.9800	.002	1



Se 196.090 {472}

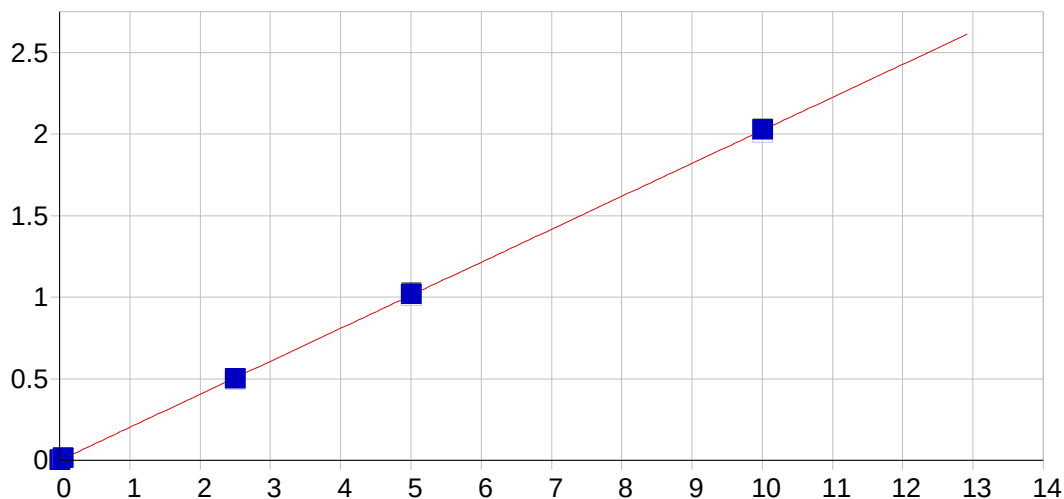
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000439 Re-Slope: 1.000000
 A1 (Gain): 0.073183 Y-int: 0.000000

A2 (Curvature): 0.000333
 n (Exponent): 0.980000
 Correlation: 0.999957
 Std Error of Est: 0.000028
 Predicted MDL: 0.003546
 Predicted MQL: 0.011820

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.02000	.02193	.002	9.66	.00129	.000	1
S3	2.5000	2.4596	-.040	-1.62	.17827	.000	1
S4	5.0000	5.0566	.057	1.13	.36575	.003	1
S5	10.000	9.9820	-.018	-.180	.72738	.000	1

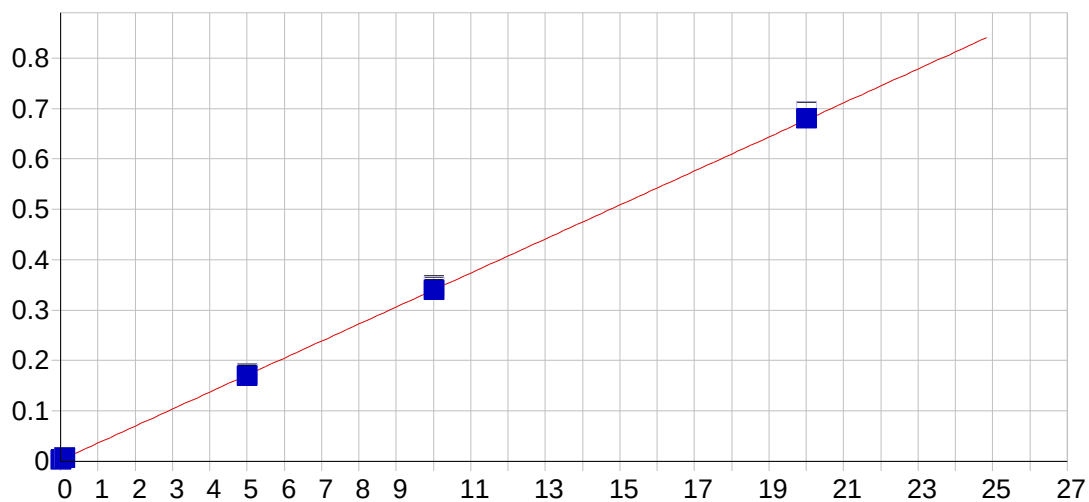


Sb 206.833 {463}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000263 Re-Slope: 1.000000
 A1 (Gain): 0.202213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001764
 Predicted MQL: 0.005878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.05000	.05709	.007	14.2	.01156	.000	1
S3	2.5000	2.4541	-.046	-1.84	.49082	.001	1
S4	5.0000	5.0204	.020	.407	1.0041	.007	1
S5	10.000	10.019	.019	.186	2.0034	.002	1

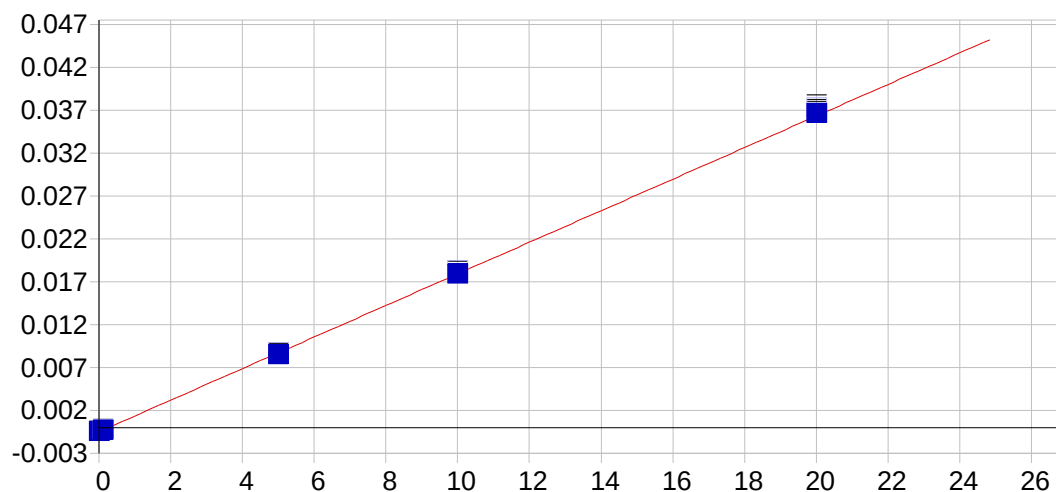


AI 308.215 {109}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002488 Re-Slope: 1.000000
 A1 (Gain): 0.033743 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002967
 Predicted MQL: 0.009889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00249	.000	1
S1	.10000	.11393	.014	13.9	.00657	.000	1
S3	5.0000	4.9485	-.052	-1.03	.17282	.000	1
S4	10.000	9.9834	-.017	-.166	.34608	.001	1
S5	20.000	20.054	.054	.268	.69259	.001	1



AI 309.271 {109}

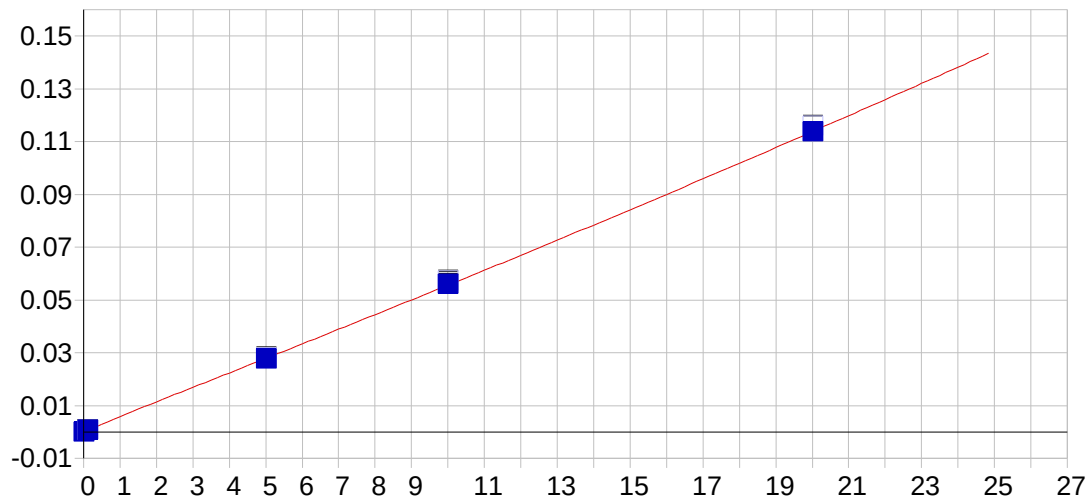
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000487 Re-Slope: 1.000000
 A1 (Gain): 0.001840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000002
 Predicted MDL: 0.032783
 Predicted MQL: 0.109276

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00049	.000	1
S1	.10000	.10777	.008	7.77	-.00028	.000	1
S3	5.0000	4.8798	-.120	-2.40	.00868	.000	1
S4	10.000	9.9695	-.031	-.305	.01822	.000	1
S5	20.000	20.143	.143	.713	.03731	.000	1



AI 396.152 { 85}

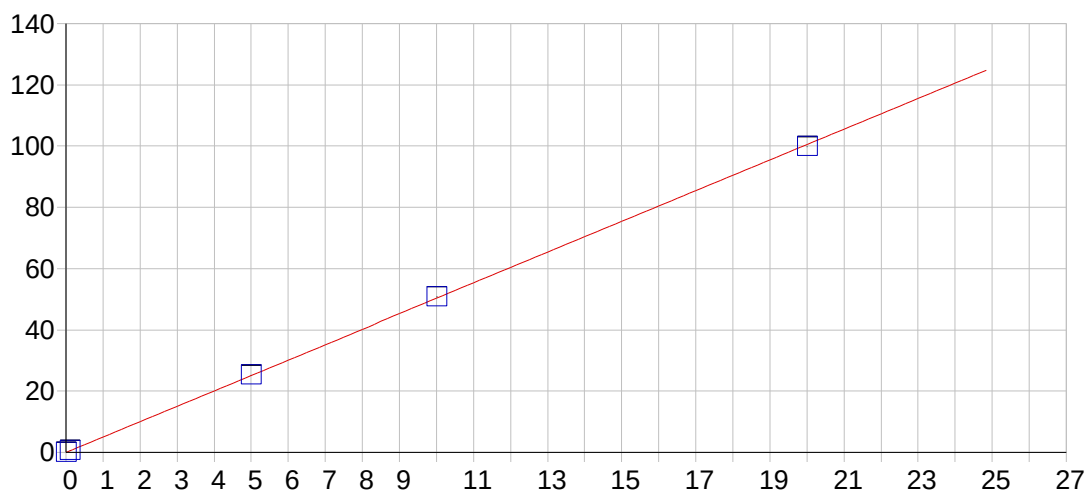
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000109
 A1 (Gain): 0.005861
 A2 (Curvature): 0.000044
 n (Exponent): 0.950000
 Correlation: 0.999984
 Std Error of Est: 0.000004
 Predicted MDL: 0.014126
 Predicted MQL: 0.047086

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.10000	.10287	.003	2.87	.00061	.000	1
S3	5.0000	4.9478	-.052	-1.04	.02816	.000	1
S4	10.000	10.071	.071	.715	.05717	.000	1
S5	20.000	19.978	-.022	-.111	.11596	.000	1

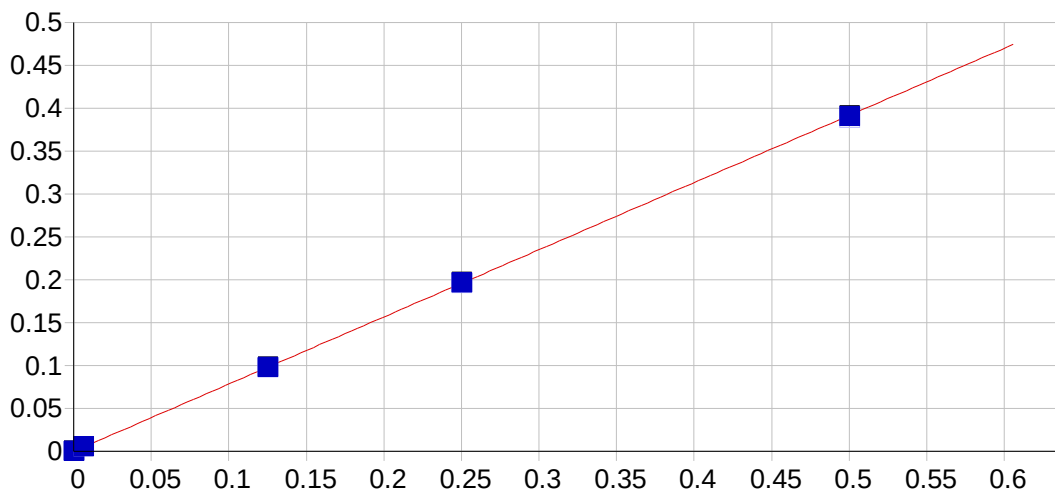


Ba 493.409 { 68}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.078012 Re-Slope: 1.000000
 A1 (Gain): 5.018063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.003911
 Predicted MDL: 0.000833
 Predicted MQL: 0.002776

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07795	.000	1
S1	.10000	.11218	.012	12.2	.64092	.014	1
S3	5.0000	5.0056	.006	.112	25.196	.138	1
S5	20.000	19.868	-.132	-.658	99.779	.024	1
S4	10.000	10.114	.114	1.14	50.829	.017	1



Be 234.861 {144}

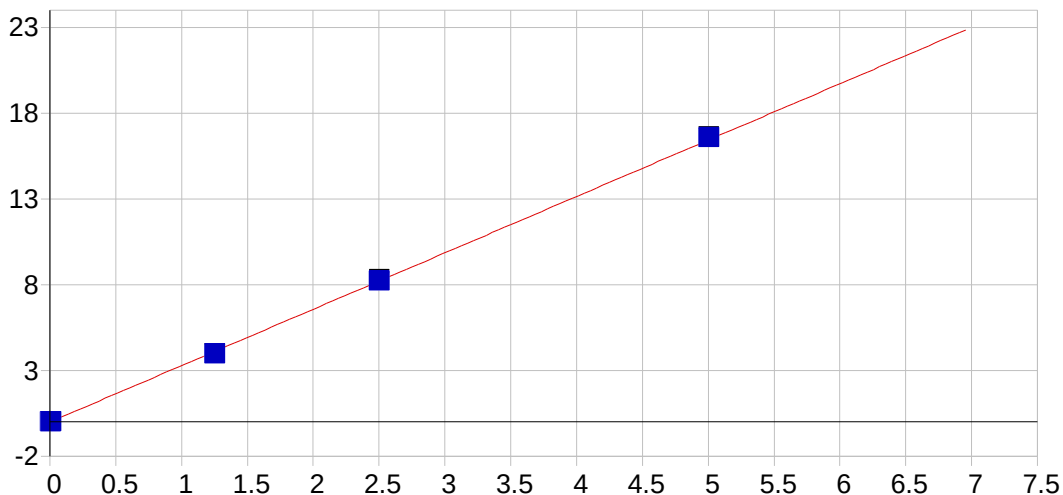
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.783137 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000021
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00661	.001	10.2	.00519	.000	1
S3	.12500	.12488	-.000	-.093	.09725	.000	1
S4	.25000	.25091	.001	.362	.19533	.000	1
S5	.50000	.49860	-.001	-.280	.38807	.000	1



Cd 226.502 {449}

Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

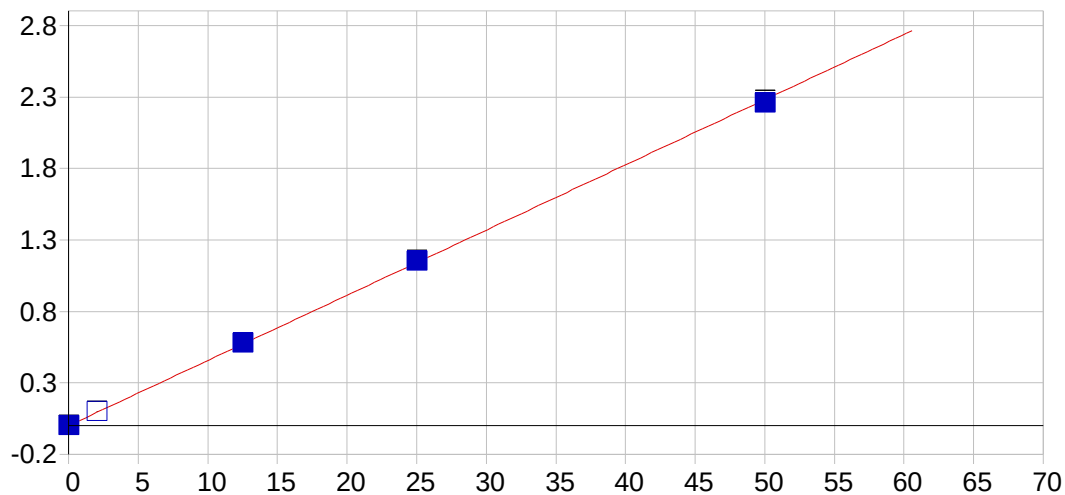
Weighting: 1/Conc

A0 (Offset): -0.000740
 A1 (Gain): 3.285797
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902
 Std Error of Est: 0.000430
 Predicted MDL: 0.000099
 Predicted MQL: 0.000330

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	-.00074	.000	1
S1	.00600	.00612	.000	1.92	.01939	.000	1
S3	1.2500	1.2086	-.041	-3.31	3.9715	.001	1
S4	2.5000	2.5000	-.000	-.000	8.2156	.069	1
S5	5.0000	5.0413	.041	.826	16.568	.034	1

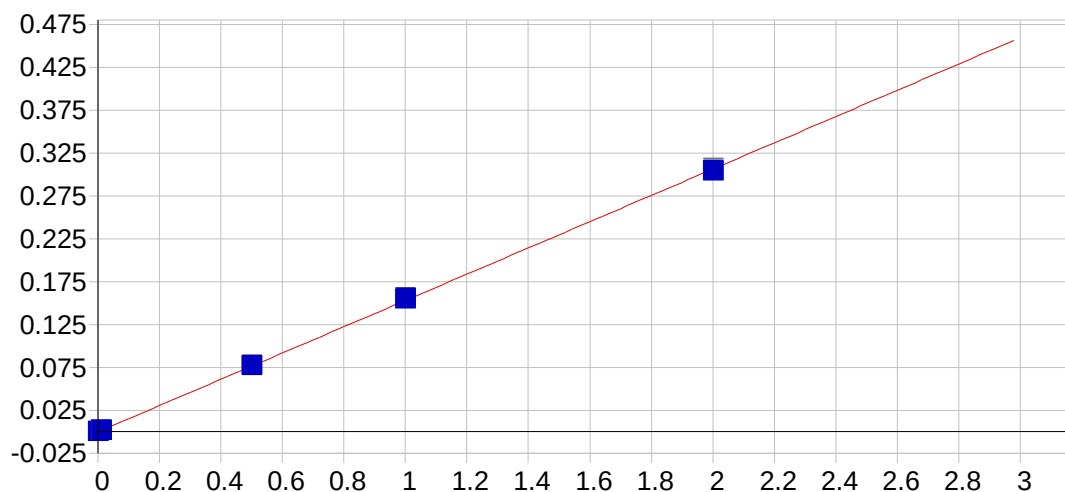


Ca 373.690 { 90}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000749 Re-Slope: 1.000000
 A1 (Gain): 0.045615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000366
 Predicted MDL: 0.021269
 Predicted MQL: 0.070896

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1491	.149	7.45	.09878	.001	1
S0	.00000	-.00017	-.000	.000	.00074	.001	1
S3	12.500	12.642	.142	1.13	.57770	.003	1
S4	25.000	25.205	.205	.822	1.1511	.007	1
S5	50.000	49.504	-.496	-.992	2.2601	.016	1



Cr 267.716 {126}

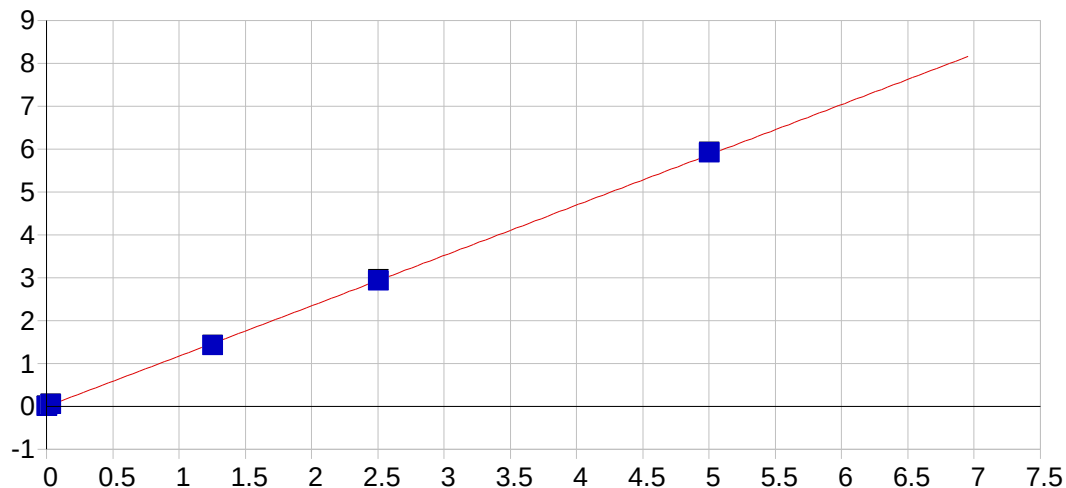
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.153100 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000013
 Predicted MDL: 0.000500
 Predicted MQL: 0.001668

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01148	.001	14.8	.00177	.000	1
S3	.50000	.50286	.003	.571	.07757	.000	1
S4	1.0000	1.0091	.009	.909	.15564	.001	1
S5	2.0000	1.9866	-.013	-.671	.30644	.000	1



Co 228.616 {447}

Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

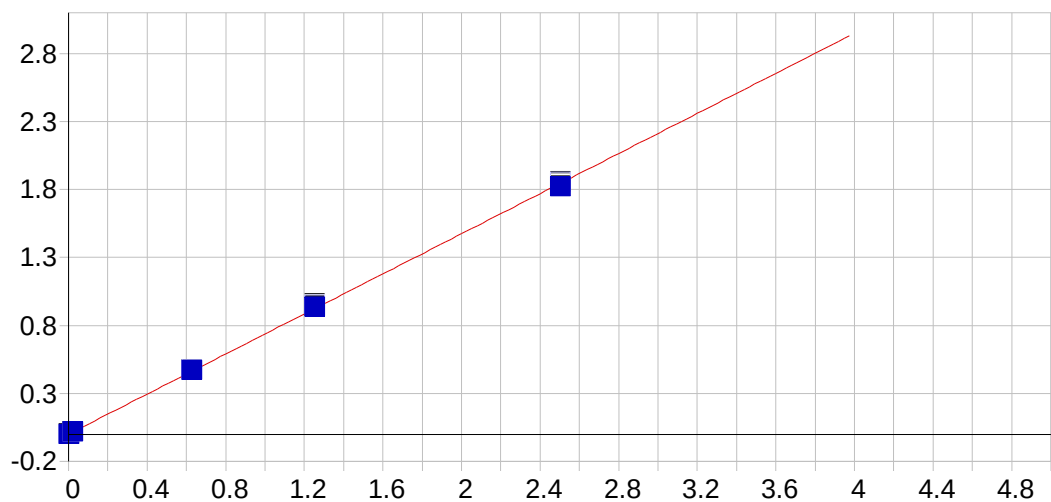
Weighting: 1/Conc

A0 (Offset): 0.000011
 A1 (Gain): 1.173364
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873
 Std Error of Est: 0.000392
 Predicted MDL: 0.000252
 Predicted MQL: 0.000839

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	.00001	.000	1
S1	.03000	.03445	.004	14.8	.04020	.000	1
S3	1.2500	1.2110	-.039	-3.12	1.4221	.001	1
S4	2.5000	2.4937	-.006	-.252	2.9283	.026	1
S5	5.0000	5.0409	.041	.818	5.9194	.011	1

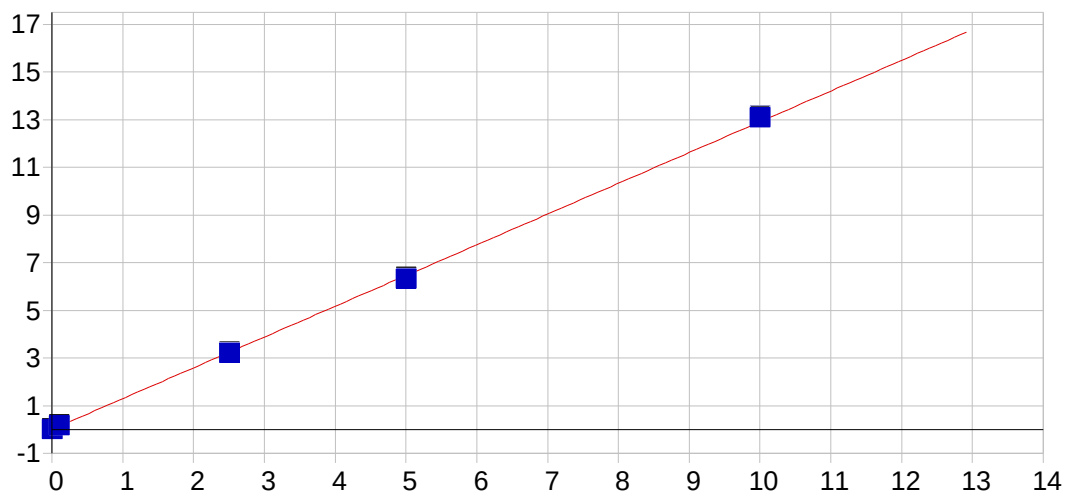


Cu 224.700 {450}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000
 A1 (Gain): 0.737255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000565
 Predicted MQL: 0.001885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.02271	.003	13.5	.01691	.000	1
S3	.62500	.63279	.008	1.25	.47428	.001	1
S4	1.2500	1.2684	.018	1.47	.95068	.006	1
S5	2.5000	2.4711	-.029	-1.15	1.8531	.003	1



Fe 240.488 {140}

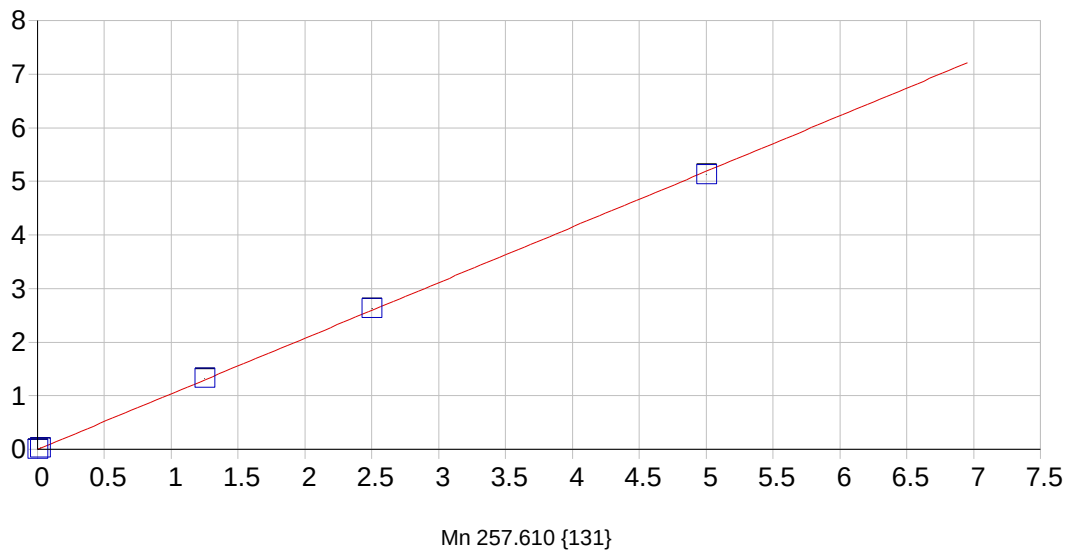
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006289 Re-Slope: 1.000000
 A1 (Gain): 1.290545 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.001447
 Predicted MDL: 0.009863
 Predicted MQL: 0.032878

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00627	.012	1
S1	.10000	.11609	.016	16.1	.15673	.018	1
S3	2.5000	2.4688	-.031	-1.25	3.2086	.023	1
S4	5.0000	4.8818	-.118	-2.36	6.3390	.049	1
S5	10.000	10.133	.133	1.33	13.149	.008	1



Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

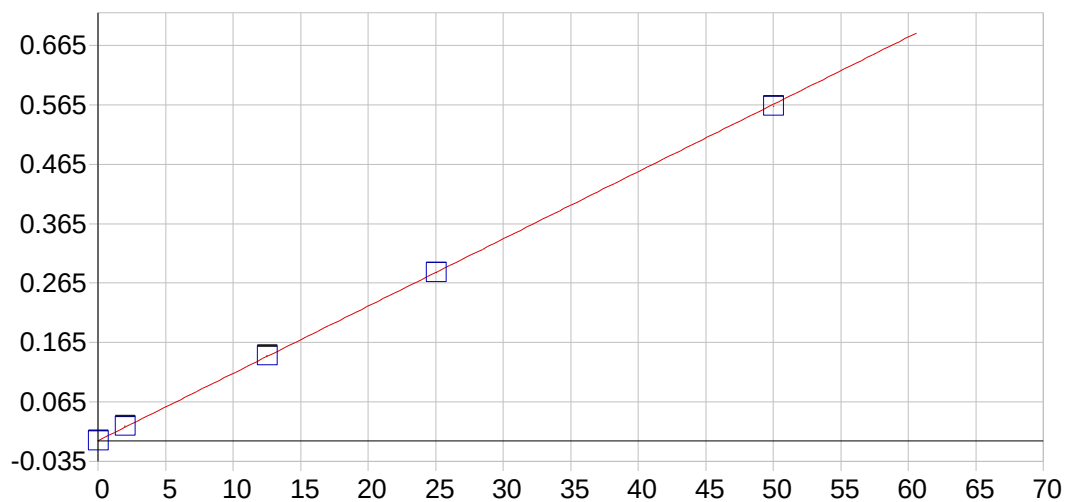
Weighting: 1/Conc

A0 (Offset): 0.000292
 A1 (Gain): 1.036895
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864
 Std Error of Est: 0.000292
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

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	.00029	.000	1
S1	.02000	.02428	.004	21.4	.02547	.000	1
S3	1.2500	1.2724	.022	1.79	1.3196	.001	1
S4	2.5000	2.5312	.031	1.25	2.6249	.002	1
S5	5.0000	4.9421	-.058	-1.16	5.1247	.006	1

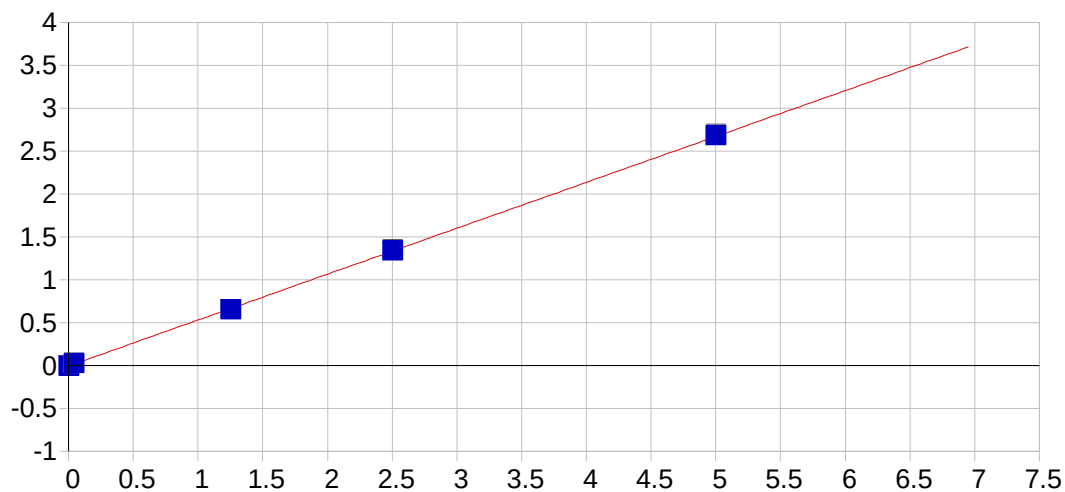


Mg 279.079 {121}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000
 A1 (Gain): 0.011320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.044510
 Predicted MQL: 0.148366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1577	.158	7.88	.02423	.001	1
S0	.00000	-.00017	-.000	.000	-.00020	.000	1
S3	12.500	12.624	.124	.994	.14271	.001	1
S4	25.000	24.987	-.013	-.053	.28266	.000	1
S5	50.000	49.731	-.269	-.538	.56277	.000	1



Ni 231.604 {445}

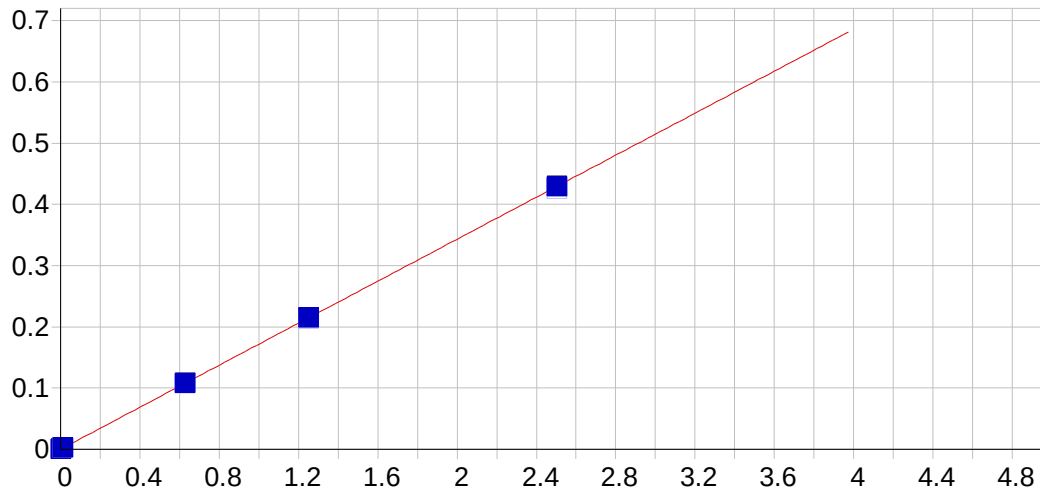
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004764 Re-Slope: 1.000000
 A1 (Gain): 0.535171 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000169
 Predicted MDL: 0.000512
 Predicted MQL: 0.001706

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00477	.000	1
S1	.04000	.04619	.006	15.5	.01997	.000	1
S3	1.2500	1.2259	-.024	-1.93	.65201	.001	1
S4	2.5000	2.4984	-.002	-.064	1.3338	.010	1
S5	5.0000	5.0196	.020	.391	2.6845	.006	1

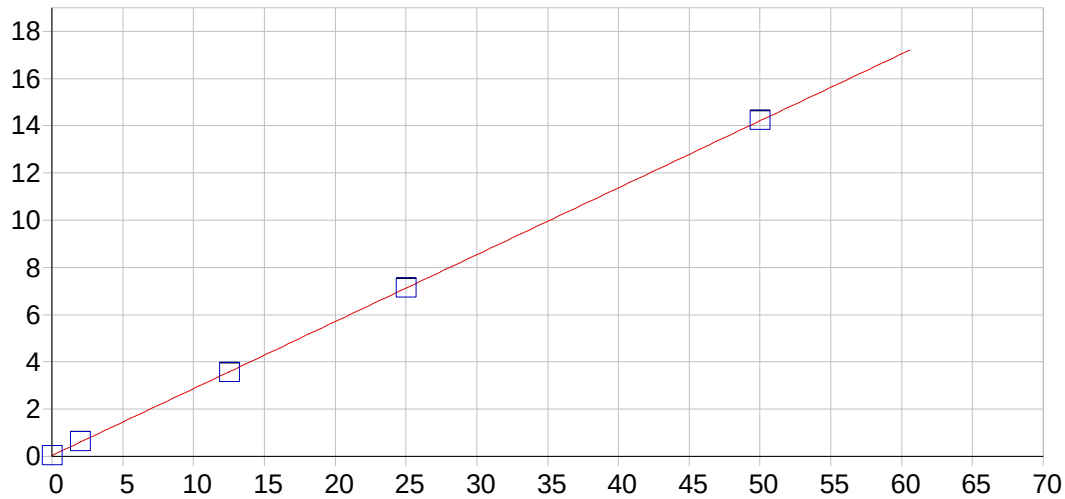


Ag 328.068 {103}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.171470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.000652
 Predicted MQL: 0.002173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.01076	.001	7.62	.00193	.000	1
S3	.62500	.62545	.000	.073	.10615	.001	1
S4	1.2500	1.2496	-.000	-.029	.21196	.000	1
S5	2.5000	2.4992	-.001	-.034	.42378	.001	1

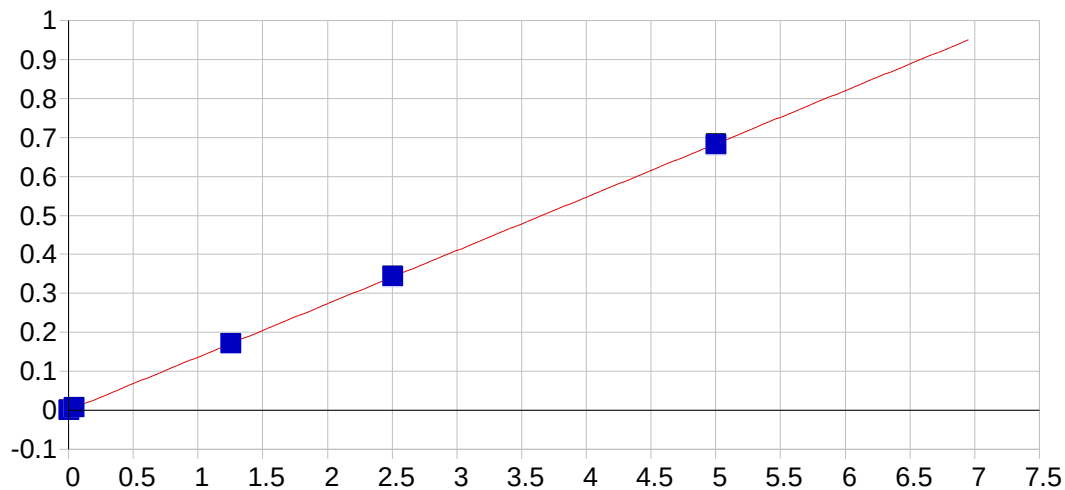


Na 589.592 { 57}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036356 Re-Slope: 1.000000
 A1 (Gain): 0.283502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.001409
 Predicted MDL: 0.011674
 Predicted MQL: 0.038913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1087	.109	5.44	.63419	.000	1
S0	.00000	-.00009	-.000	.000	.03633	.001	1
S3	12.500	12.367	-.133	-1.06	3.5425	.015	1
S4	25.000	24.971	-.029	-.116	7.1157	.015	1
S5	50.000	50.053	.053	.106	14.227	.014	1



V 292.402 {115}

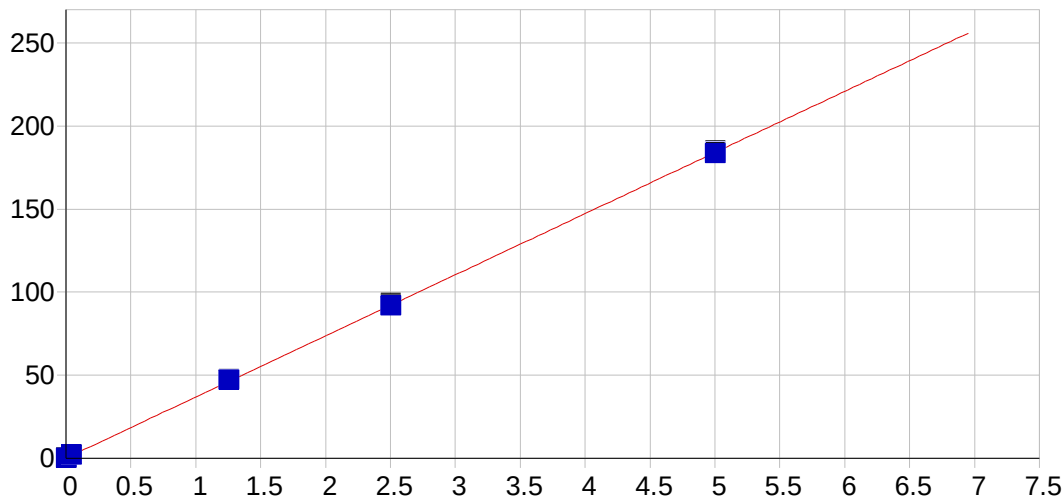
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.136722 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000042
 Predicted MDL: 0.000597
 Predicted MQL: 0.001991

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00005	.000	1
S1	.04000	.04741	.007	18.5	.00635	.000	1
S3	1.2500	1.2466	-.003	-.273	.16927	.000	1
S4	2.5000	2.5074	.007	.296	.34054	.000	1
S5	5.0000	4.9887	-.011	-.226	.67755	.001	1

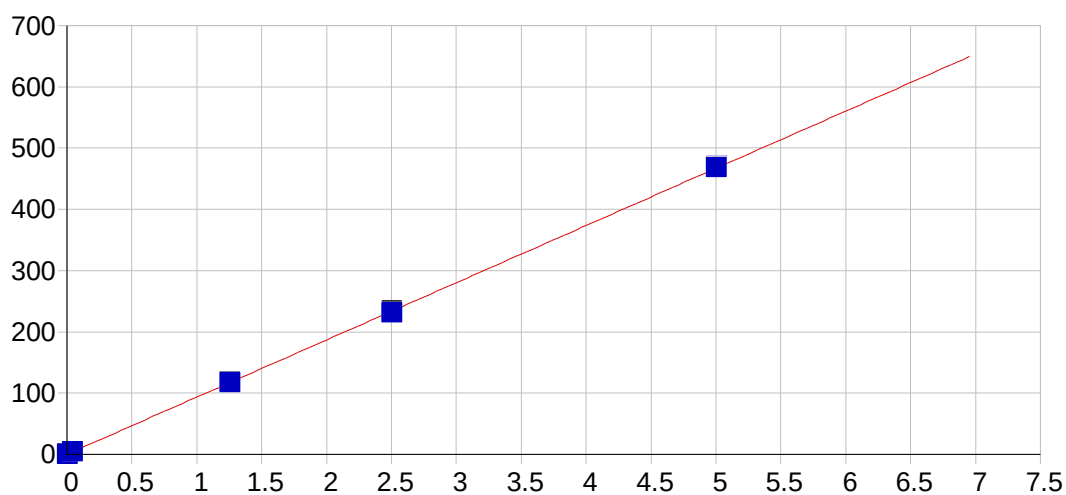


Zn 206.200 {163}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.066607 Re-Slope: 1.000000
 A1 (Gain): 36.798577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.014324
 Predicted MDL: 0.000477
 Predicted MQL: 0.001589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06629	.005	1
S1	.04000	.04822	.008	20.5	1.8505	.033	1
S3	1.2500	1.2736	.024	1.89	47.213	.033	1
S4	2.5000	2.4869	-.013	-.524	92.137	.960	1
S5	5.0000	4.9813	-.019	-.375	184.48	.300	1

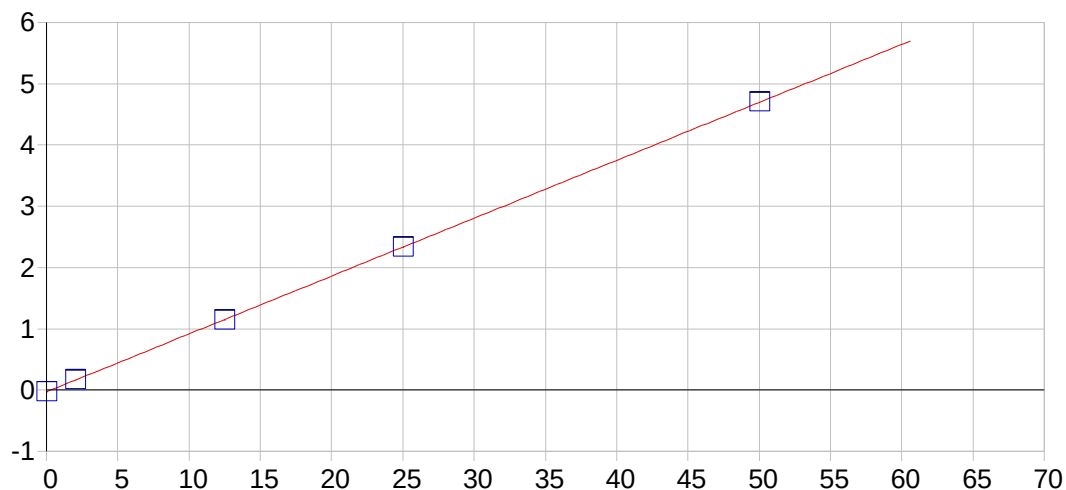


Zn 213.856 {458}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.123524 Re-Slope: 1.000000
 A1 (Gain): 93.368916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.031587
 Predicted MDL: 0.000093
 Predicted MQL: 0.000309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.12286	.004	1
S1	.04000	.04725	.007	18.1	4.5594	.076	1
S3	1.2500	1.2569	.007	.552	118.18	.183	1
S4	2.5000	2.4715	-.029	-1.14	232.30	1.62	1
S5	5.0000	5.0144	.014	.287	471.13	.196	1



K 766.490 {44}

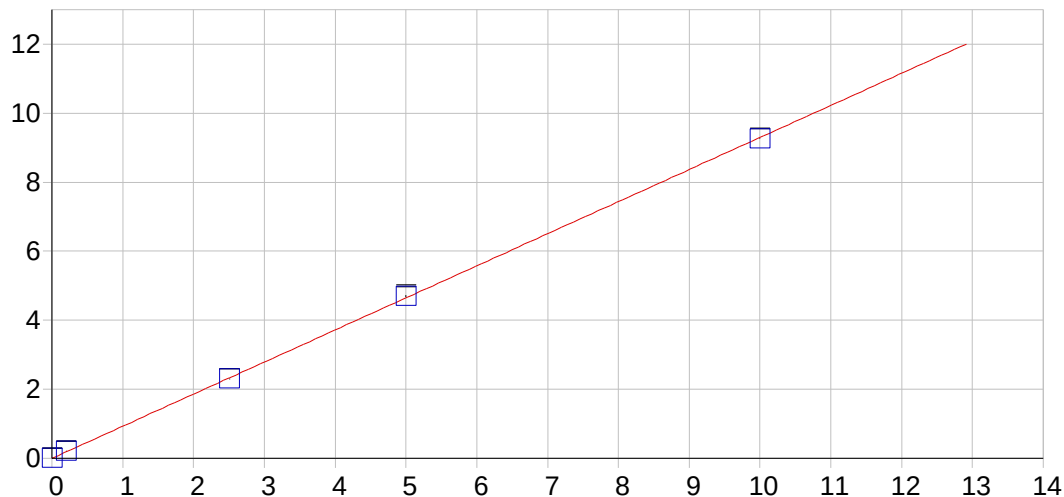
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.029303 Re-Slope: 1.000000
 A1 (Gain): 0.094499 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000284
 Predicted MDL: 0.040380
 Predicted MQL: 0.134599

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0624	.062	3.12	.16559	.001	1
S0	.00000	-.00005	-.000	.000	-.02931	.001	1
S3	12.500	12.405	-.095	-.761	1.1430	.003	1
S4	25.000	24.987	-.013	-.053	2.3319	.001	1
S5	50.000	50.046	.046	.092	4.7000	.002	1



Mo 202.030 {467}

Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

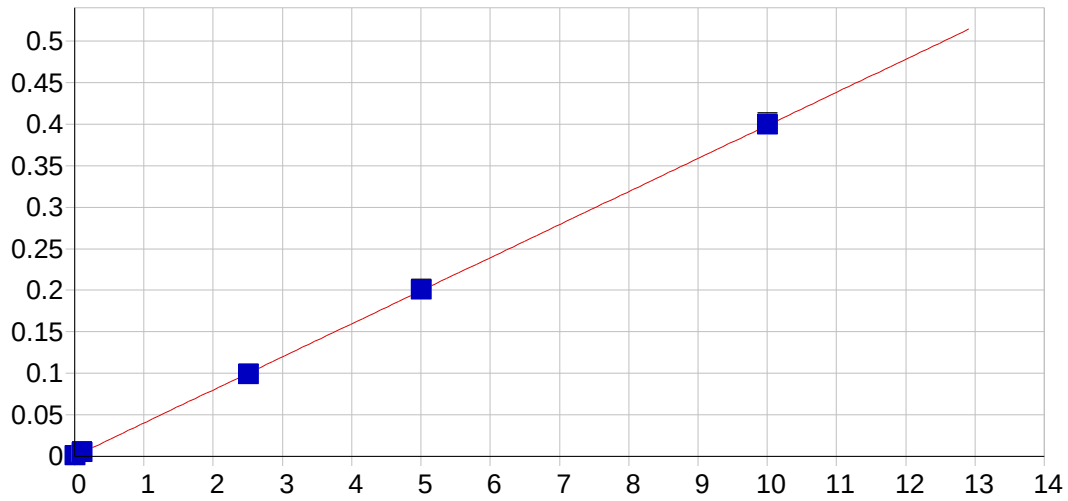
Weighting: 1/Conc

A0 (Offset): 0.000132
 A1 (Gain): 0.929630
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000746
 Predicted MDL: 0.000309
 Predicted MQL: 0.001028

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	.00012	.000	1
S1	.20000	.21244	.012	6.22	.19762	.001	1
S3	2.5000	2.4679	-.032	-1.28	2.2944	.004	1
S4	5.0000	5.0556	.056	1.11	4.7000	.030	1
S5	10.000	9.9640	-.036	-.360	9.2630	.007	1

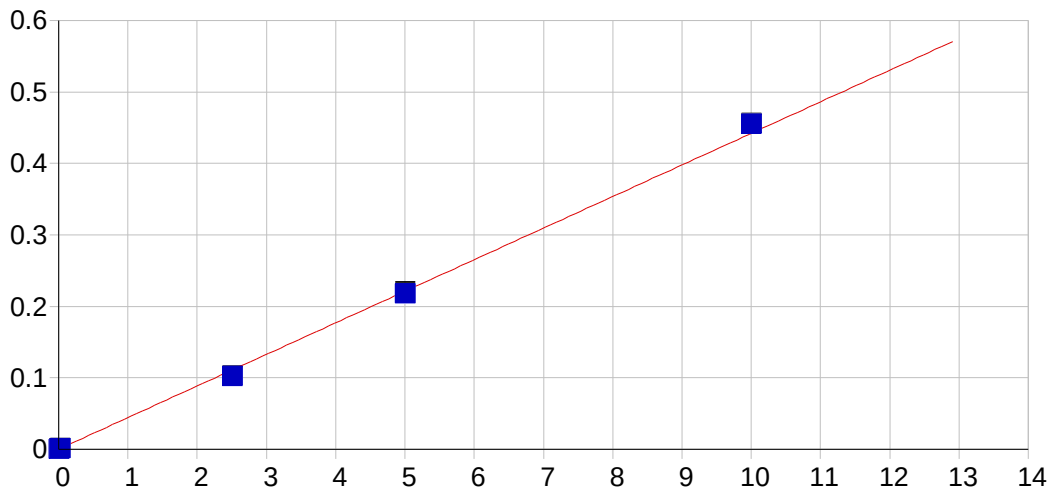


B 249.678 {135}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000402 Re-Slope: 1.000000
 A1 (Gain): 0.039811 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.011505
 Predicted MQL: 0.038351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.10000	.10027	.000	.268	.00438	.001	1
S3	2.5000	2.4623	-.038	-1.51	.09820	.000	1
S4	5.0000	5.0260	.026	.520	.20003	.001	1
S5	10.000	10.011	.011	.114	.39804	.002	1



S 182.034 {485}

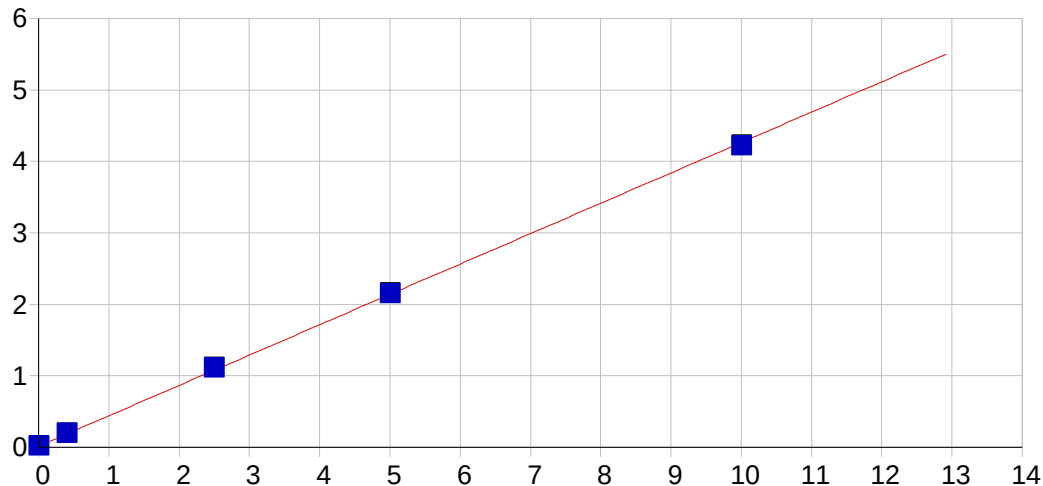
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000237 Re-Slope: 1.000000
 A1 (Gain): 0.044182 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999205
 Std Error of Est: 0.000043
 Predicted MDL: 0.003286
 Predicted MQL: 0.010955

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00024	.000	1
S1	.02000	.01569	-.004	-21.6	.00090	.000	1
S3	2.5000	2.2958	-.204	-8.17	.10155	.000	1
S4	5.0000	4.9133	-.087	-1.73	.21707	.003	1
S5	10.000	10.295	.295	2.95	.45460	.001	1



Si 288.158 {117}

Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

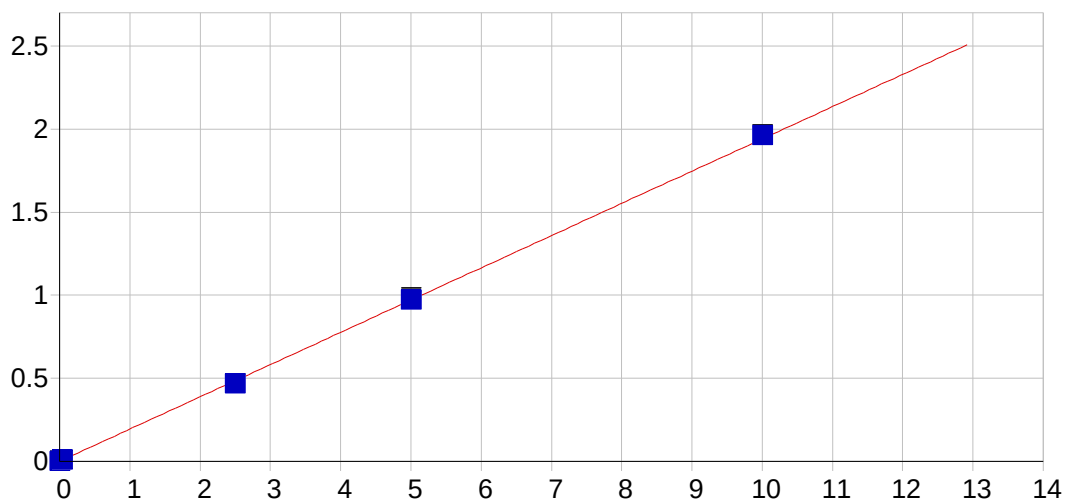
Weighting: 1/Conc

A0 (Offset): 0.015912
 A1 (Gain): 0.424851
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875
 Std Error of Est: 0.000733
 Predicted MDL: 0.002891
 Predicted MQL: 0.009638

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	.01590	.001	1
S1	.40000	.42427	.024	6.07	.19602	.002	1
S3	2.5000	2.5669	.067	2.67	1.1059	.009	1
S4	5.0000	5.0165	.016	.330	2.1460	.011	1
S5	10.000	9.8924	-.108	-1.08	4.2164	.008	1

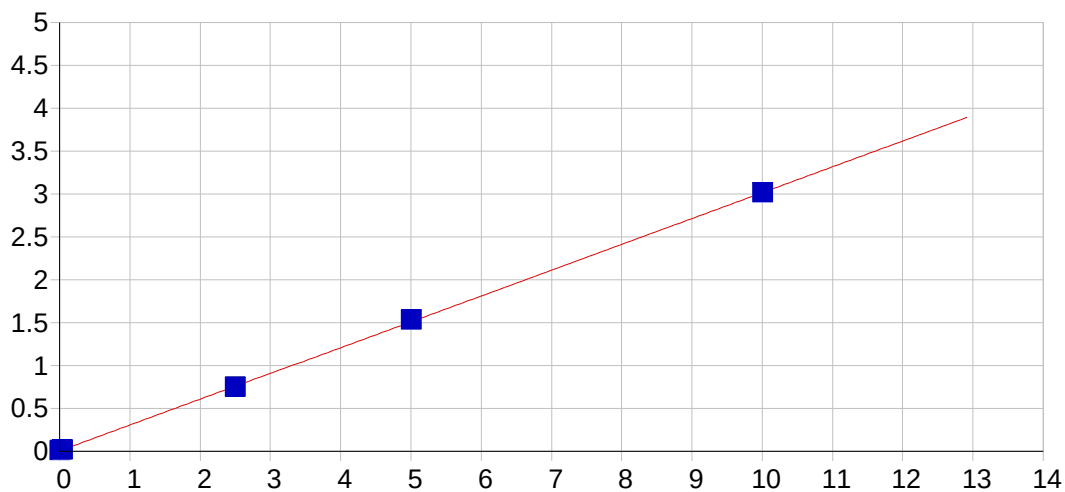


Sn 189.989 {477}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000431 Re-Slope: 1.000000
 A1 (Gain): 0.194027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.000767
 Predicted MQL: 0.002557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.04000	.04220	.002	5.51	.00862	.000	1
S3	2.5000	2.3944	-.106	-4.23	.46509	.001	1
S4	5.0000	5.0033	.003	.067	.97138	.011	1
S5	10.000	10.100	.100	1.00	1.9605	.005	1



Ti 336.121 {100}

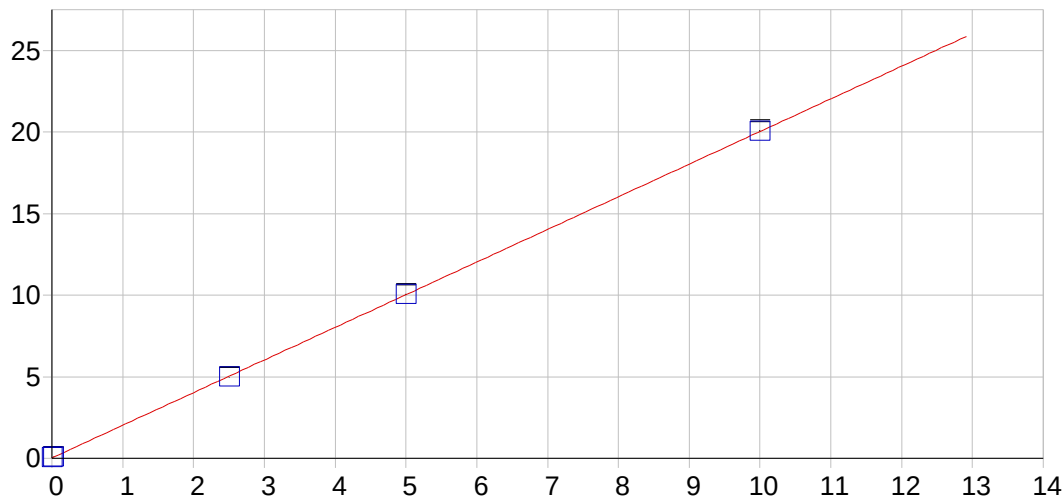
Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004404 Re-Slope: 1.000000
 A1 (Gain): 0.301181 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000105
 Predicted MDL: 0.002278
 Predicted MQL: 0.007593

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00440	.000	1
S1	.04000	.04238	.002	5.95	.01716	.000	1
S3	2.5000	2.4523	-.048	-1.91	.74290	.001	1
S4	5.0000	5.0610	.061	1.22	1.5285	.001	1
S5	10.000	9.9843	-.016	-.157	3.0111	.004	1



Li 670.784 { 50}

Date of Fit: 12/19/2018 16:26:03

Type of Fit: Linear

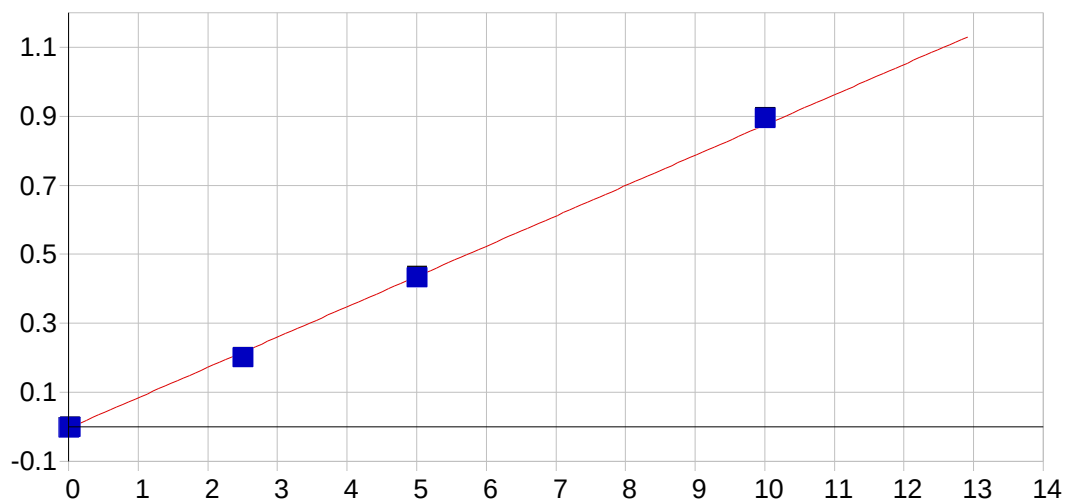
Weighting: 1/Conc

A0 (Offset): 0.025221
 A1 (Gain): 2.000696
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000202
 Predicted MDL: 0.001784
 Predicted MQL: 0.005948

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	.02522	.001	1
S1	.02000	.02082	.001	4.09	.06687	.002	1
S3	2.5000	2.4758	-.024	-.969	4.9785	.019	1
S4	5.0000	5.0077	.008	.154	10.044	.026	1
S5	10.000	10.016	.016	.157	20.064	.068	1

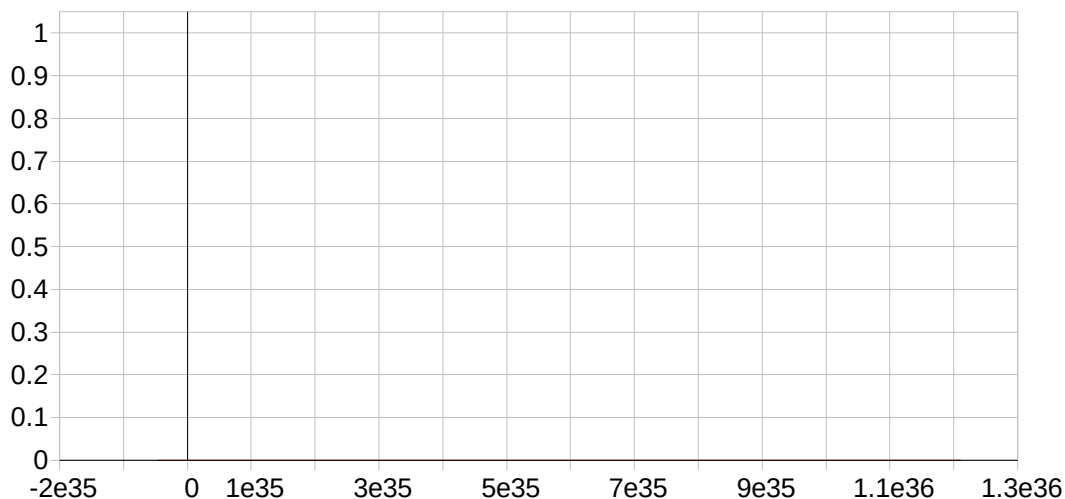


P 177.495 {490}

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003281 Re-Slope: 1.000000
 A1 (Gain): 0.087788 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999492 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001749
 Predicted MQL: 0.005831

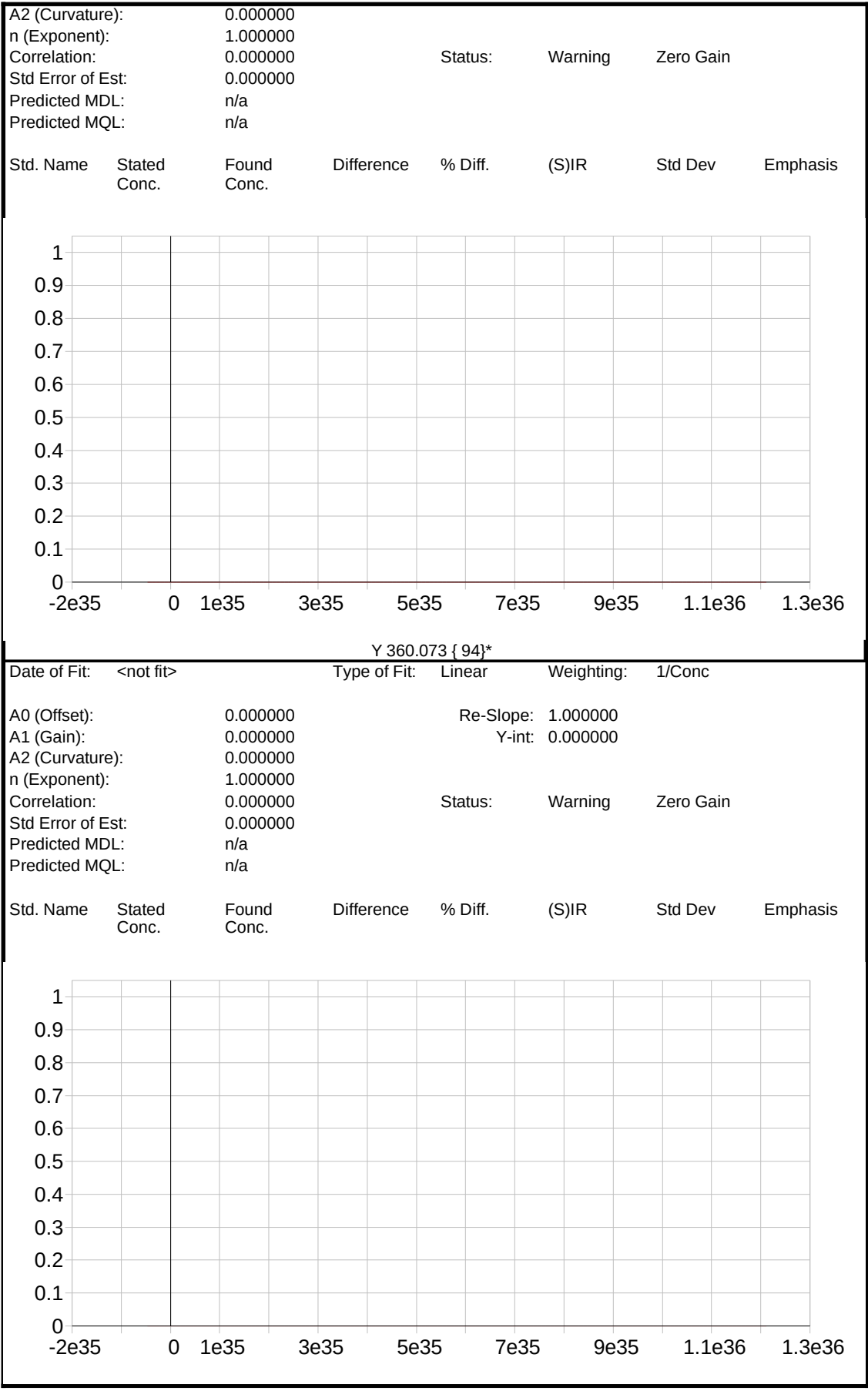
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00328	.000	1
S1	.02000	.01891	-.001	-5.45	-.00163	.000	1
S3	2.5000	2.3235	-.177	-7.06	.20038	.000	1
S4	5.0000	4.9567	-.043	-8.67	.43122	.003	1
S5	10.000	10.221	.221	2.21	.89272	.002	1

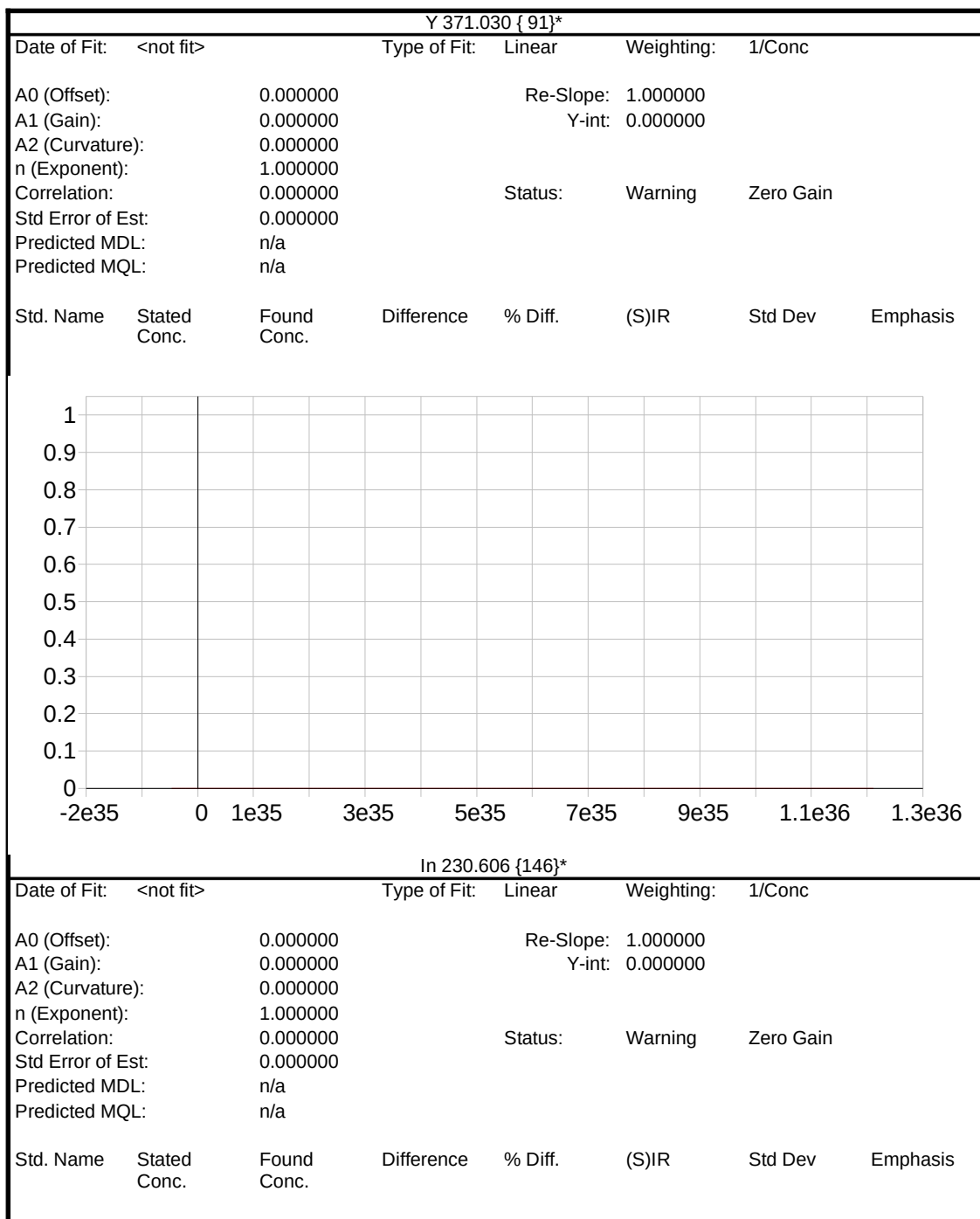


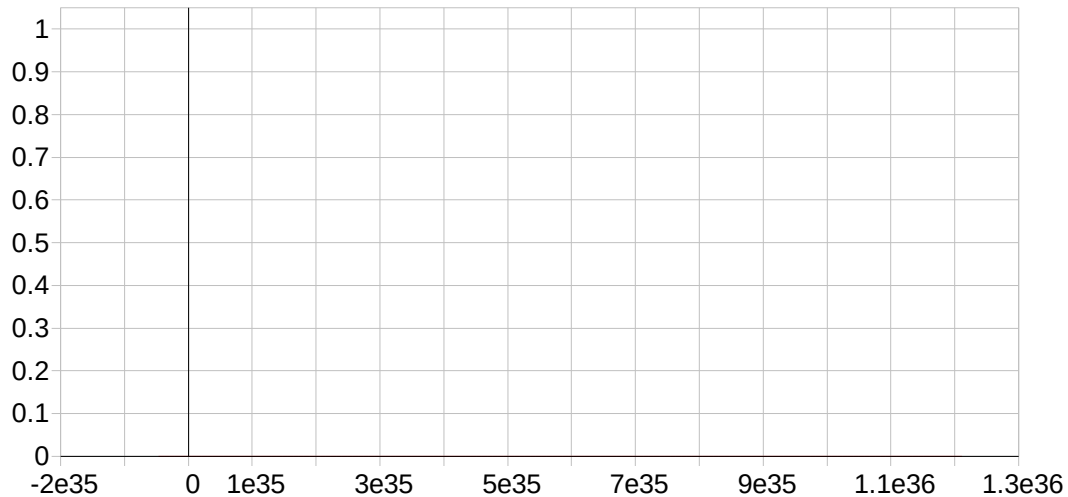
Y 224.306 {450}*

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

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







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

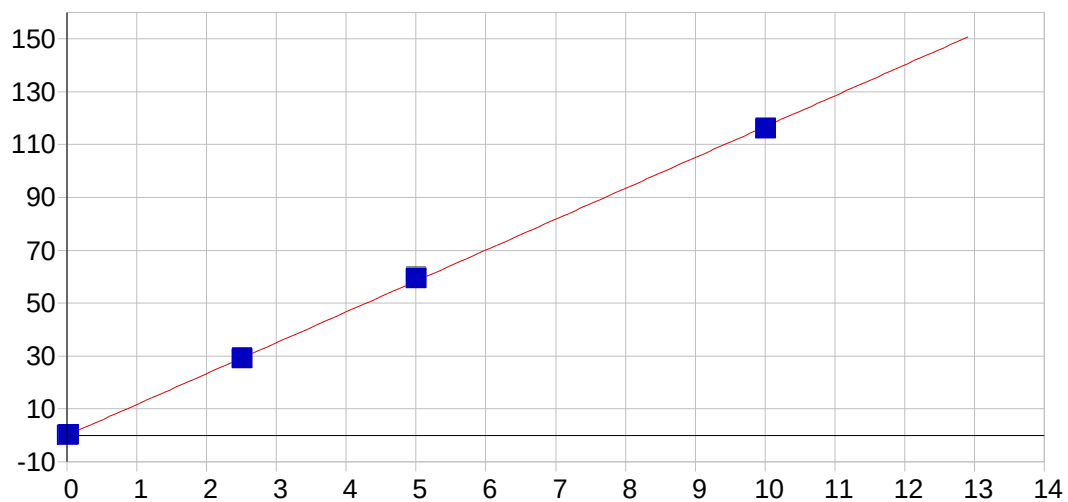
Status: Warning Zero Gain

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: 12/19/2018 16:26:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005397

Re-Slope: 1.000000

A1 (Gain): 11.681231

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

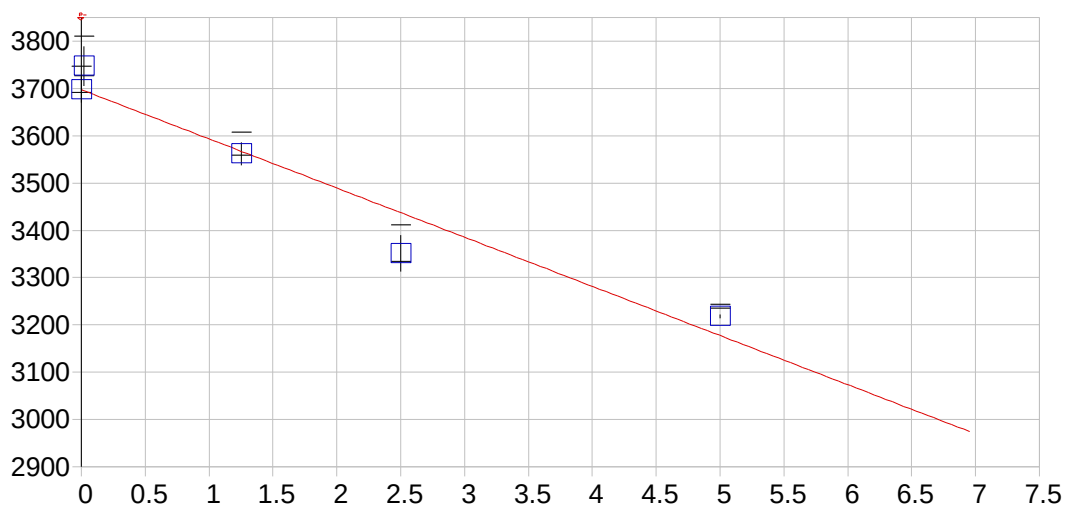
Status: OK.

Std Error of Est: 0.003021

Predicted MDL: 0.000112

Predicted MQL: 0.000374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00541	.001	1
S1	.02000	.02149	.001	7.44	.24690	.007	1
S3	2.5000	2.4851	-.015	-.595	29.056	.080	1
S4	5.0000	5.0819	.082	1.64	59.421	.315	1
S5	10.000	9.9315	-.068	-.685	116.14	.108	1

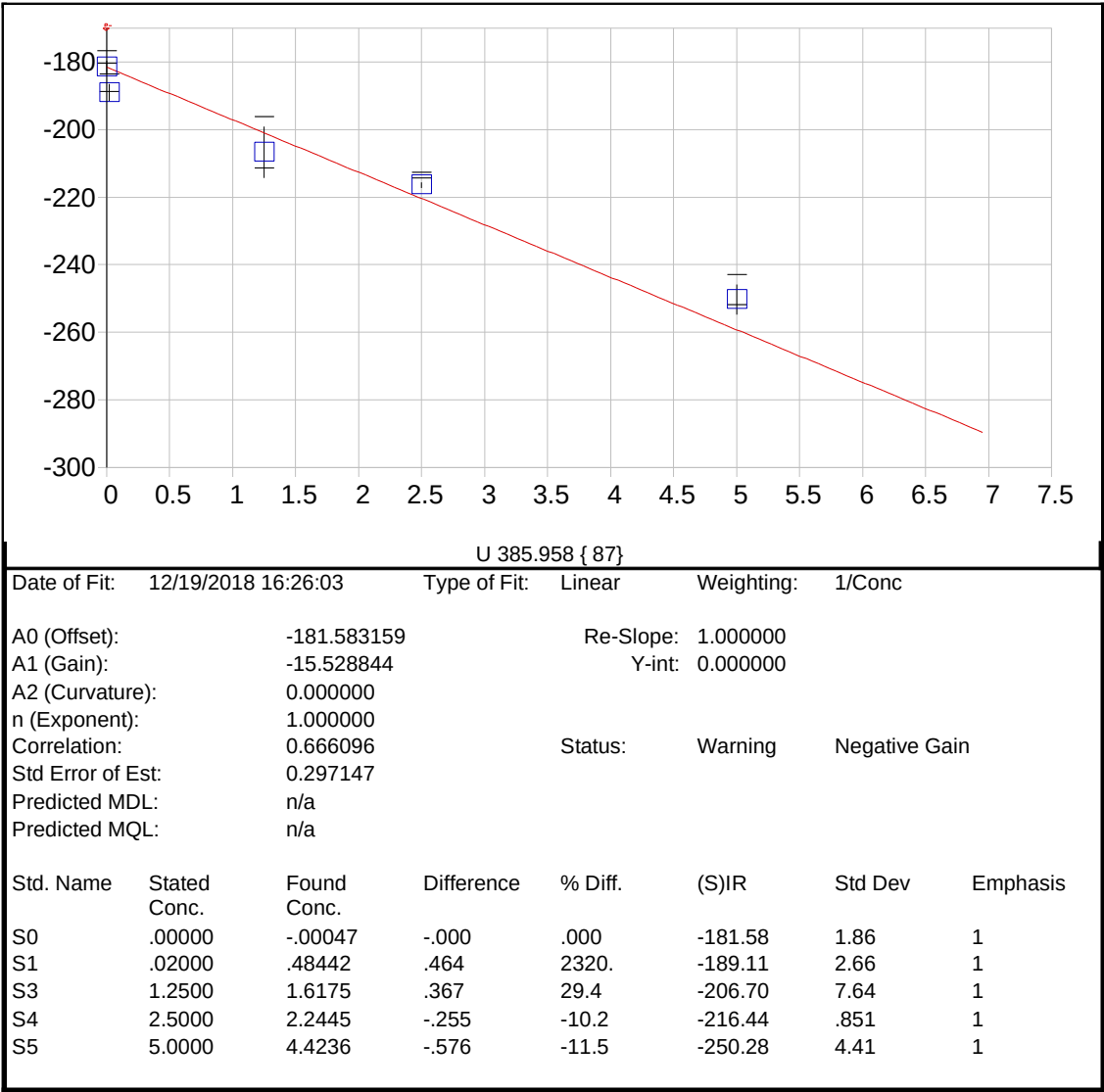


U 367.007 { 92 }

Date of Fit: 12/19/2018 16:26:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3697.274518 Re-Slope: 1.000000
A1 (Gain): -103.954341 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.637577 Status: Warning Negative Gain
Std Error of Est: 2.146480
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	3697.2	27.9	1
S1	.02000	-.47965	-.500	-2500.	3747.1	42.1	1
S3	1.2500	1.3076	.058	4.60	3561.3	24.4	1
S4	2.5000	3.3308	.831	33.2	3351.0	38.3	1
S5	5.0000	4.6113	-.389	-7.77	3217.9	4.38	1



Sample Name: S0 Acquired: 12/19/2018 12:52:22 Type: Cal
Method: P4-ICP2(v2669) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	-.00048	.00267	-.00044	.00026	-.00011	.07795	.00006
Stddev	.00018	.00002	.00018	.00009	.00020	.00004	.00049	.00000
%RSD	190.90	4.1279	6.8312	21.042	77.372	39.658	.62297	2.2897

#1	.00003	-.00047	.00254	-.00050	.00012	-.00014	.07829	.00006
#2	-.00023	-.00050	.00279	-.00037	.00041	-.00008	.07760	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00074	.00074	.00001	.00001	-.00007	.00627	.00029	-.00020
Stddev	.00009	.00096	.00003	.00010	.00020	.01235	.00004	.00022
%RSD	12.721	130.02	369.65	1545.9	285.59	196.96	13.227	113.72

#1	-.00067	.00142	.00003	-.00006	-.00021	.01500	.00026	-.00036
#2	-.00081	.00006	-.00001	.00008	.00007	-.00246	.00031	-.00004

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	-.00477	.00012	.03633	-.00005	.12286	-.02931	.00012	.00040
Stddev	.00024	.00001	.00121	.00001	.00379	.00103	.00008	.00017
%RSD	5.0287	11.108	3.3170	11.953	3.0834	3.5110	68.868	43.115

#1	-.00494	.00011	.03718	-.00004	.12554	-.02858	.00006	.00028
#2	-.00460	.00013	.03548	-.00005	.12018	-.03004	.00018	.00052

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00024	.01590	.00043	.00440	.02522	-.0033	-.00541	3697.2
Stddev	.00004	.00117	.00002	.00029	.00077	.0000	.00070	27.9
%RSD	15.445	7.3899	3.6204	6.6017	3.0476	1.486	12.847	.75372

#1	.00026	.01507	.00044	.00420	.02576	-.0032	-.00492	3677.5
#2	.00021	.01673	.00042	.00461	.02468	-.0033	-.00591	3716.9

Sample Name: S0 Acquired: 12/19/2018 12:52:22 Type: Cal
Method: P4-ICP2(v2669) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-181.58
Stddev	1.86
%RSD	1.0237

#1	-182.89
#2	-180.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.9	60087.	3875.4	95.413	3770.1
Stddev	101.6	270.	.4	.949	135.2
%RSD	3.9428	.44951	.00904	.99432	3.5864

#1	2506.0	59896.	3875.7	96.083	3674.5
#2	2649.7	60278.	3875.2	94.742	3865.7

Sample Name: S1 Acquired: 12/19/2018 12:56:24 Type: Cal
Method: P4-ICP2(v2669) 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	.00224	.00668	.00621	.00129	.01156	.00061	.64092	.00519
Stddev	.00001	.00030	.00034	.00020	.00002	.00001	.01413	.00005
%RSD	.32814	4.5637	5.5076	15.668	.20963	2.0668	2.2043	1.0045
#1	.00224	.00690	.00646	.00144	.01157	.00060	.65091	.00516
#2	.00223	.00647	.00597	.00115	.01154	.00062	.63093	.00523
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	.01939	.00177	.04020	.01691	.15673	.02547	.01997	.00193
Stddev	.00004	.00003	.00024	.00010	.01781	.00009	.00001	.00003
%RSD	.20214	1.6843	.59285	.56830	11.361	.35580	.03561	1.7057
#1	.01942	.00179	.04037	.01698	.16933	.02541	.01997	.00190
#2	.01936	.00175	.04003	.01685	.14414	.02554	.01996	.00195
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	.00635	4.5594	.19762	.00438	.00090	.19602	.00862	.01716
Stddev	.00000	.0756	.00117	.00064	.00011	.00208	.00007	.00027
%RSD	.06258	1.6574	.59374	14.609	12.428	1.0612	.78546	1.5828
#1	.00635	4.6129	.19845	.00483	.00098	.19749	.00857	.01735
#2	.00635	4.5060	.19679	.00392	.00082	.19455	.00867	.01697
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.06687	-.0016	.24690	3747.1	-189.11			
Stddev	.00218	.0001	.00704	42.1	2.66			
%RSD	3.2623	7.032	2.8524	1.1234	1.4057			
#1	.06841	-.0017	.25188	3717.4	-190.99			
#2	.06533	-.0015	.24192	3776.9	-187.23			

Sample Name: S1 Acquired: 12/19/2018 12:56:24 Type: Cal
Method: P4-ICP2(v2669) 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	2588.6	59974.	3958.8	96.133	3740.3
Stddev	14.6	317.	82.9	1.485	21.2
%RSD	.56488	.52867	2.0937	1.5447	.56549
#1	2578.3	59750.	3900.1	95.083	3725.3
#2	2599.0	60198.	4017.4	97.183	3755.2

Sample Name: S2 Acquired: 12/19/2018 13:00:28 Type: Cal
Method: P4-ICP2(v2669) 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	.09878	.02423	.63419	.16559
Stddev	.00088	.00078	.00044	.00107
%RSD	.89521	3.2182	.06897	.64342

#1	.09815	.02368	.63450	.16635
#2	.09940	.02478	.63388	.16484

Int. Std.	Y_3710
Units	Cts/S
Avg	3914.7
Stddev	19.7
%RSD	.50235

#1	3900.8
#2	3928.6

Sample Name: S3 Acquired: 12/19/2018 13:04:25 Type: Cal
Method: P4-ICP2(v2669) 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	.26606	.38615	.72424	.17827	.49082	.02816	25.196	.09725
Stddev	.00078	.00042	.00075	.00034	.00132	.00006	.138	.00017
%RSD	.29409	.10879	.10321	.18927	.26880	.21368	.54767	.17201

#1	.26661	.38645	.72371	.17803	.49176	.02811	25.294	.09737
#2	.26551	.38585	.72477	.17851	.48989	.02820	25.099	.09713

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9715	.57770	.07757	1.4221	.47428	3.2086	1.3196	.14271
Stddev	.0008	.00334	.00006	.0009	.00089	.0229	.0008	.00104
%RSD	.01981	.57823	.07284	.06073	.18743	.71318	.05957	.72737

#1	3.9709	.58007	.07753	1.4227	.47490	3.1924	1.3202	.14345
#2	3.9720	.57534	.07761	1.4215	.47365	3.2247	1.3191	.14198

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	.65201	.10615	3.5425	.16927	118.18	1.1430	2.2944	.09820
Stddev	.00057	.00051	.0149	.00037	.18	.0028	.0038	.00045
%RSD	.08731	.48500	.41941	.21676	.15485	.24604	.16519	.46259

#1	.65242	.10651	3.5530	.16901	118.31	1.1449	2.2970	.09852
#2	.65161	.10578	3.5320	.16953	118.06	1.1410	2.2917	.09788

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	.10155	1.1059	.46509	.74290	4.9785	.2004	29.056	3561.3
Stddev	.00049	.0087	.00108	.00098	.0189	.0001	.080	24.4
%RSD	.47919	.78817	.23307	.13165	.38024	.0516	.27470	.68468

#1	.10189	1.1120	.46432	.74359	4.9919	.2004	29.112	3544.1
#2	.10120	1.0997	.46585	.74221	4.9651	.2003	29.000	3578.6

Sample Name: S3 Acquired: 12/19/2018 13:04:25 Type: Cal
 Method: P4-ICP2(v2669) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-206.70
Stddev	7.64
%RSD	3.6961

#1	-201.30
#2	-212.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.1	58765.	3933.4	92.706	3470.1
Stddev	7.5	230.	42.7	.433	8.7
%RSD	.29574	.39155	1.0860	.46656	.24979

#1	2522.8	58603.	3903.2	92.400	3464.0
#2	2533.4	58928.	3963.6	93.012	3476.2

Sample Name: S4 Acquired: 12/19/2018 13:08:12 Type: Cal
Method: P4-ICP2(v2669) 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	.54711	.78780	1.4835	.36575	1.0041	.05717	50.829	.19533
Stddev	.00471	.00426	.0123	.00329	.0066	.00026	.017	.00030
%RSD	.86037	.54121	.83205	.89975	.65951	.45005	.03344	.15455

#1	.55044	.79082	1.4922	.36808	1.0088	.05698	50.817	.19554
#2	.54378	.78479	1.4748	.36342	.99940	.05735	50.841	.19511

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.2156	1.1511	.15564	2.9283	.95068	6.3390	2.6249	.28266
Stddev	.0692	.0071	.00063	.0257	.00627	.0488	.0017	.00020
%RSD	.84259	.61392	.40430	.87625	.65986	.76912	.06487	.06959

#1	8.2646	1.1461	.15520	2.9465	.95511	6.3735	2.6237	.28252
#2	8.1667	1.1561	.15609	2.9102	.94624	6.3045	2.6261	.28280

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	1.3338	.21196	7.1157	.34054	232.30	2.3319	4.7000	.20003
Stddev	.0103	.00023	.0150	.00000	1.62	.0012	.0303	.00054
%RSD	.77419	.10888	.21152	.00042	.69725	.04919	.64480	.27109

#1	1.3411	.21180	7.1050	.34054	233.44	2.3311	4.7214	.19965
#2	1.3265	.21212	7.1263	.34054	231.15	2.3327	4.6786	.20041

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	.21707	2.1460	.97138	1.5285	10.044	.4312	59.421	3351.0
Stddev	.00259	.0111	.01120	.0013	.026	.0033	.315	38.3
%RSD	1.1937	.51627	1.1533	.08176	.26371	.7621	.52945	1.1421

#1	.21890	2.1382	.97931	1.5294	10.025	.4335	59.199	3378.1
#2	.21524	2.1539	.96346	1.5276	10.063	.4289	59.644	3324.0

Sample Name: S4 Acquired: 12/19/2018 13:08:12 Type: Cal
Method: P4-ICP2(v2669) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-216.44
Stddev	.85
%RSD	.39299

#1	-215.84
#2	-217.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.5	56820.	3836.1	91.308	3240.3
Stddev	18.2	128.	13.7	.676	31.2
%RSD	.75011	.22499	.35699	.74078	.96160

#1	2407.7	56910.	3845.8	90.830	3218.3
#2	2433.4	56729.	3826.5	91.786	3262.4

Sample Name: S5 Acquired: 12/19/2018 13:11:59 Type: Cal
Method: P4-ICP2(v2669) 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	1.0979	1.5599	2.9800	.72738	2.0034	.11596	99.779	.38807
Stddev	.0005	.0022	.0019	.00025	.0019	.00015	.024	.00024
%RSD	.04707	.13858	.06195	.03453	.09287	.12718	.02442	.06213

#1	1.0976	1.5615	2.9813	.72720	2.0021	.11586	99.797	.38824
#2	1.0983	1.5584	2.9787	.72756	2.0047	.11607	99.762	.38790

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.568	2.2601	.30644	5.9194	1.8531	13.149	5.1247	.56277
Stddev	.034	.0157	.00043	.0114	.0034	.008	.0061	.00008
%RSD	.20449	.69443	.13942	.19262	.18224	.06266	.11850	.01362

#1	16.592	2.2712	.30674	5.9275	1.8507	13.154	5.1290	.56272
#2	16.544	2.2490	.30614	5.9114	1.8554	13.143	5.1204	.56282

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	2.6845	.42378	14.227	.67755	471.13	4.7000	9.2630	.39804
Stddev	.0059	.00053	.014	.00103	.20	.0019	.0074	.00227
%RSD	.21966	.12443	.09609	.15138	.04154	.04095	.08013	.57079

#1	2.6886	.42416	14.236	.67828	470.99	4.6987	9.2577	.39643
#2	2.6803	.42341	14.217	.67682	471.27	4.7014	9.2682	.39964

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	.45460	4.2164	1.9605	3.0111	20.064	.8927	116.14	3217.9
Stddev	.00094	.0083	.0050	.0035	.068	.0022	.11	4.4
%RSD	.20694	.19697	.25532	.11735	.33819	.2482	.09324	.13608

#1	.45527	4.2223	1.9640	3.0086	20.112	.8943	116.06	3221.0
#2	.45394	4.2106	1.9569	3.0136	20.016	.8912	116.21	3214.8

Sample Name: S5 Acquired: 12/19/2018 13:11:59 Type: Cal
 Method: P4-ICP2(v2669) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-250.28
Stddev	4.41
%RSD	1.7618

#1	-247.16
#2	-253.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.4	55548.	3828.5	86.614	3059.0
Stddev	4.7	29.	20.0	.138	4.9
%RSD	.19683	.05282	.52191	.15905	.16121

#1	2366.7	55527.	3814.3	86.711	3055.5
#2	2360.2	55569.	3842.6	86.517	3062.4

Sample Name: ICV01 Acquired: 12/19/2018 13:15:55 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97348	1.0173	.96698	F .96913	.95762	2.4924	.51607	.48626
Stddev	.01028	.0149	.00592	.00934	.01222	.0028	.00598	.00023
%RSD	1.0559	1.4672	.61201	.96372	1.2759	.11407	1.1593	.04723
#1	.96621	1.0068	.96280	.96253	.94898	2.4904	.52030	.48610
#2	.98074	1.0279	.97117	.97573	.96626	2.4944	.51184	.48642
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .46959	10.527	.50716	.48369	.51514	4.9552	.51676	6.1477
Stddev	.00483	.035	.00008	.00525	.00584	.0184	.00006	.0636
%RSD	1.0290	.32882	.01631	1.0845	1.1338	.37197	.01122	1.0352
#1	.46617	10.551	.50710	.47998	.51101	4.9422	.51680	6.1027
#2	.47300	10.502	.50722	.48740	.51927	4.9683	.51672	6.1927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48714	.51421	10.115	.50355	1.0020	10.169	2.4278	2.5102
Stddev	.00395	.00227	.055	.00197	.0059	.008	.0231	.0176
%RSD	.80997	.44123	.54064	.39097	.59102	.08138	.95059	.70311
#1	.48435	.51581	10.154	.50495	1.0062	10.163	2.4115	2.5227
#2	.48993	.51261	10.076	.50216	.99785	10.175	2.4441	2.4978
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5958	2.4561	F 2.3351	2.4905	F .00253	F .0007	F .00662	F 2.0885
Stddev	.0230	.0423	.0290	.0068	.00011	.0006	.00002	.2590
%RSD	.88494	1.7224	1.2397	.27479	4.2093	90.59	.32808	12.399
#1	2.5795	2.4860	2.3146	2.4856	.00261	.0003	.00663	1.9054
#2	2.6120	2.4262	2.3556	2.4953	.00246	.0012	.00660	2.2716

Sample Name: ICV01 Acquired: 12/19/2018 13:15:55 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6004
Stddev	.0910
%RSD	5.6861

#1	1.6647
#2	1.5360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.4	58732.	3861.7	93.916	3564.3
Stddev	20.3	27.	55.7	.670	27.6
%RSD	.79540	.04641	1.4425	.71299	.77456

#1	2560.8	58713.	3822.3	93.443	3583.8
#2	2532.1	58752.	3901.1	94.390	3544.7

Sample Name: LLICV01 Acquired: 12/19/2018 13:19:45 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02053	.04772	.01385	.02358	.05969	.10890	.11358	.00659
Stddev	.00017	.00135	.00003	.00196	.00045	.01142	.00080	.00003
%RSD	.82332	2.8191	.25102	8.3206	.75781	10.487	.70158	.52149

#1	.02041	.04867	.01383	.02497	.06001	.10083	.11415	.00657
#2	.02065	.04676	.01388	.02220	.05937	.11698	.11302	.00662

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.2383	.01156	.03426	.02357	.09886	.02374	2.3274
Stddev	.00006	.0004	.00034	.00003	.00082	.00484	.00010	.0007
%RSD	1.0371	.01956	2.9639	.08372	3.4769	4.8991	.40047	.03050

#1	.00608	2.2380	.01132	.03424	.02415	.10228	.02381	2.3279
#2	.00617	2.2386	.01181	.03428	.02299	.09543	.02367	2.3269

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04583	.01179	2.2175	.04720	.04692	2.1499	.21447	.11407
Stddev	.00032	.00044	.0289	.00013	.00048	.0123	.00228	.00064
%RSD	.69575	3.6984	1.3048	.27634	1.0196	.57081	1.0624	.56341

#1	.04606	.01148	2.2380	.04711	.04726	2.1586	.21608	.11362
#2	.04561	.01210	2.1971	.04729	.04658	2.1413	.21286	.11452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01646	.42850	.04420	.04579	.02169	.0183	.02175	F 1.1201
Stddev	.00389	.01035	.00021	.00025	.00202	.0001	.00008	.0194
%RSD	23.625	2.4145	.47762	.54959	9.3038	.4145	.35963	1.7288

#1	.01921	.43582	.04405	.04597	.02312	.0184	.02169	1.1338
#2	.01371	.42119	.04435	.04561	.02026	.0183	.02181	1.1064

Sample Name: LLICV01 Acquired: 12/19/2018 13:19:45 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .40114
Stddev .78305
%RSD 195.20

#1 .95484
#2 -.15255

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.2	60179.	3911.4	96.621	3698.0
Stddev	5.4	175.	51.1	.513	4.0
%RSD	.20989	.29008	1.3065	.53058	.10947

#1	2552.4	60056.	3875.2	96.258	3695.1
#2	2560.0	60303.	3947.5	96.983	3700.8

Sample Name: ICB01 Acquired: 12/19/2018 13:23:49 Type: Unk
Method: P4-ICP2(v2669) 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	.00034	-.00031	-.00056	.00233	-.00032	.00449	-.00029
Stddev	.00042	.00034	.00050	.00344	.00020	.00552	.00008
%RSD	125.28	112.09	90.286	147.84	61.797	123.07	27.043

#1	.00004	-.00006	-.00091	.00476	-.00018	.00058	-.00035
#2	.00064	-.00055	-.00020	-.00011	-.00047	.00839	-.00024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00002	-.00492	.00020	-.00000	.00012	.00083
Stddev	.00001	.00001	.00592	.00015	.00013	.00017	.00096
%RSD	94.144	32.204	120.41	77.583	5776.2	141.35	115.21

#1	-.00002	-.00002	-.00911	.00030	.00009	.00025	.00151
#2	-.00000	-.00001	-.00073	.00009	-.00010	.00000	.00015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00937	.00086	.00019	-.02084	.00017	-.00015
Stddev	.00005	.01357	.00006	.00027	.01811	.00038	.00017
%RSD	340.89	144.91	6.8246	139.55	86.871	229.73	118.42

#1	.00005	.01896	.00082	.00000	-.03365	.00044	-.00002
#2	-.00002	-.00023	.00090	.00038	-.00804	-.00010	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02314	.00008	.01123	-.00263	.00232	.00020	.00009
Stddev	.01382	.00001	.00739	.00019	.00137	.00045	.00068
%RSD	59.713	14.350	65.827	7.2092	58.904	223.18	727.80

#1	-.03291	.00007	.00600	-.00250	.00329	-.00012	.00058
#2	-.01337	.00009	.01645	-.00277	.00135	.00052	-.00039

Sample Name: ICB01 Acquired: 12/19/2018 13:23:49 Type: Unk
 Method: P4-ICP2(v2669) 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	.00070	-.0001	-.00011	F .44790	F<.00000
Stddev	.00081	.0021	.00003	.23118	.11493
%RSD	114.40	1522.	29.225	51.614	36.783

#1	.00013	-.0016	-.00009	.61137	-.23118
#2	.00127	.0013	-.00014	.28443	-.39371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.0	60148.	3895.0	96.992	3737.4
Stddev	4.8	284.	65.7	2.734	11.4
%RSD	.18654	.47236	1.6865	2.8189	.30484

#1	2557.7	59947.	3848.5	95.058	3729.4
#2	2564.4	60349.	3941.4	98.925	3745.5

Sample Name: CRI01 Acquired: 12/19/2018 13:27:54 Type: Unk
Method: P4-ICP2(v2669) 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	.02134	.04653	.01311	.02308	.05831	.10844	.11396
Stddev	.00206	.00024	.00070	.00195	.00087	.00267	.00176
%RSD	9.6371	.51656	5.3262	8.4458	1.4944	2.4594	1.5408

#1	.02280	.04636	.01360	.02171	.05769	.10655	.11520
#2	.01989	.04670	.01262	.02446	.05892	.11032	.11272

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	.00618	2.2805	.01199	.03429	.02386	.09942
Stddev	.00008	.00001	.0090	.00029	.00050	.00030	.00779
%RSD	1.2736	.20845	.39411	2.3898	1.4726	1.2666	7.8388

#1	.00672	.00617	2.2868	.01179	.03393	.02364	.10493
#2	.00660	.00618	2.2741	.01220	.03465	.02407	.09391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02412	2.3633	.04646	.01175	2.2527	.04731	.04635
Stddev	.00001	.0551	.00037	.00008	.0108	.00083	.00010
%RSD	.06010	2.3327	.78805	.65740	.47871	1.7542	.22243

#1	.02411	2.4023	.04620	.01169	2.2603	.04790	.04642
#2	.02413	2.3243	.04671	.01180	2.2450	.04672	.04628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2065	.21721	.10495	.01635	.42823	.04359	.04366
Stddev	.0330	.00041	.00661	.00258	.00267	.00013	.00048
%RSD	1.4958	.19019	6.2944	15.776	.62355	.30629	1.0921

#1	2.2298	.21692	.10027	.01452	.43011	.04349	.04332
#2	2.1831	.21750	.10962	.01817	.42634	.04368	.04399

Sample Name: CRI01 Acquired: 12/19/2018 13:27:54 Type: Unk
 Method: P4-ICP2(v2669) 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	.02132	.0187	.02217	F 1.4922	F<.00000
Stddev	.00095	.0010	.00000	.2969	.11383
%RSD	4.4766	5.429	.01769	19.899	85.174
#1	.02200	.0194	.02217	1.2822	-.05315
#2	.02065	.0180	.02218	1.7021	-.21414
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.8	59519.	3910.5	96.800	3678.7
Stddev	10.0	45.	9.2	.236	45.6
%RSD	.39799	.07620	.23606	.24349	1.2397
#1	2524.9	59551.	3904.0	96.633	3711.0
#2	2510.7	59487.	3917.0	96.967	3646.5

Sample Name: ICSA01 Acquired: 12/19/2018 13:31:58 Type: Unk
 Method: P4-ICP2(v2669) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00827	-.00934	.00109	-.01590	.00583	267.91	.00463
Stddev	.00414	.00176	.00056	.00058	.00038	.20	.00045
%RSD	50.078	18.877	51.347	3.6479	6.4774	.07333	9.7822

#1	-.01119	-.01059	.00148	-.01631	.00556	267.77	.00495
#2	-.00534	-.00810	.00069	-.01549	.00610	268.05	.00431

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00033	244.32	.05454	-.00050	.00526	95.880
Stddev	.00003	.00004	.96	.00064	.00043	.00120	.953
%RSD	9.7523	13.321	.39399	1.1779	85.867	22.862	.99435

#1	.00029	.00036	243.64	.05500	-.00081	.00441	96.554
#2	.00025	.00030	245.00	.05409	-.00020	.00611	95.206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01564	255.70	-.00231	-.00169	.02572	.00158	.00162
Stddev	.00015	.21	.00070	.00048	.00989	.00044	.00024
%RSD	.98233	.08256	30.238	28.679	38.431	27.908	14.627

#1	.01574	255.55	-.00182	-.00135	.01873	.00127	.00178
#2	.01553	255.85	-.00281	-.00203	.03271	.00189	.00145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	-.00050	.01067	.00124	-.00638	.00363	-.00476
Stddev	.03688	.00035	.00149	.00078	.00129	.00080	.00160
%RSD	852.96	69.423	13.984	62.542	20.238	22.129	33.606

#1	.03040	-.00025	.00962	.00179	-.00729	.00306	-.00363
#2	-.02176	-.00075	.01173	.00069	-.00547	.00419	-.00589

Sample Name: ICSA01 Acquired: 12/19/2018 13:31:58 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00370	.0038	-.00423	F 4.9634	F<.00000
Stddev	.00166	.0010	.00142	.0374	.59711
%RSD	45.009	26.03	33.518	.75458	10.523

#1	.00252	.0045	-.00523	4.9369	-6.0968
#2	.00487	.0031	-.00323	4.9899	-5.2524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.9	52257.	3735.8	86.401	2952.0
Stddev	7.1	314.	17.2	1.349	12.1
%RSD	.31070	.60003	.46007	1.5612	.41155

#1	2272.9	52035.	3723.6	85.447	2943.4
#2	2282.9	52479.	3747.9	87.355	2960.6

Sample Name: ICSAB01 Acquired: 12/19/2018 13:36:06 Type: Unk
Method: P4-ICP2(v2669) 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	.09526	.09047	.05101	.04141	.61909	262.25	.53348
Stddev	.00157	.00138	.00026	.00231	.00925	.71	.00008
%RSD	1.6515	1.5242	.50363	5.5739	1.4948	.27053	.01556

#1	.09637	.09144	.05083	.03978	.62564	262.75	.53342
#2	.09415	.08949	.05119	.04304	.61255	261.75	.53354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53966	.98962	239.15	.56213	.49953	.50385	94.081
Stddev	.00097	.00441	.86	.00079	.00259	.00281	.720
%RSD	.18040	.44601	.36070	.14035	.51755	.55769	.76527

#1	.53897	.99274	239.76	.56269	.50135	.50584	93.572
#2	.54035	.98650	238.54	.56157	.49770	.50187	94.590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52954	250.50	.98965	.21537	.03430	.51308	1.0070
Stddev	.00071	.51	.00536	.00006	.00700	.00100	.0042
%RSD	.13373	.20535	.54147	.02791	20.395	.19555	.42061

#1	.52903	250.87	.99344	.21541	.03925	.51379	1.0041
#2	.53004	250.14	.98586	.21532	.02935	.51237	1.0100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	F 1.0914	F 1.1089	F 1.2341	F 1.0109	F 1.0940	F 1.0848
Stddev	.02000	.0059	.0123	.0103	.0002	.0051	.0117
%RSD	570.68	.53950	1.1121	.83255	.01787	.46277	1.0823

#1	-.01765	1.0955	1.1176	1.2414	1.0108	1.0976	1.0931
#2	.01064	1.0872	1.1002	1.2269	1.0110	1.0905	1.0765

Sample Name: ICSAB01 Acquired: 12/19/2018 13:36:06 Type: Unk
Method: P4-ICP2(v2669) 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	.00534	F .0054	F -.00408	F 5.7463	F<.00000
Stddev	.00062	.0003	.00081	.1769	.21792
%RSD	11.659	5.479	19.793	3.0789	4.1050

#1	.00578	.0052	-.00351	5.8714	-5.1546
#2	.00490	.0057	-.00465	5.6212	-5.4628

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.7	52226.	3722.7	85.579	2899.5
Stddev	6.7	171.	18.4	.424	10.0
%RSD	.30098	.32788	.49425	.49583	.34379

#1	2229.9	52105.	3709.7	85.879	2892.5
#2	2239.4	52347.	3735.7	85.279	2906.6

Sample Name: CCV01 Acquired: 12/19/2018 13:40:04 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0308	4.9818	4.9646	5.0470	4.9715	10.132	10.212	.24828
Stddev	.0051	.0039	.0114	.0031	.0001	.007	.005	.00016
%RSD	.10182	.07868	.22990	.06192	.00252	.06576	.05213	.06508
#1	5.0272	4.9791	4.9565	5.0492	4.9714	10.136	10.216	.24817
#2	5.0344	4.9846	4.9726	5.0448	4.9715	10.127	10.208	.24839
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4693	25.394	.99922	2.4732	1.2612	4.9894	2.4804	25.021
Stddev	.0046	.071	.00104	.0059	.0010	.0781	.0021	.246
%RSD	.18699	.27795	.10395	.23903	.08232	1.5652	.08564	.98262
#1	2.4660	25.344	.99996	2.4690	1.2620	5.0447	2.4819	24.848
#2	2.4725	25.444	.99849	2.4774	1.2605	4.9342	2.4789	25.195
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4870	1.2559	24.936	2.4893	2.5118	25.165	5.0194	5.0571
Stddev	.0045	.0027	.022	.0086	.0402	.116	.0076	.0117
%RSD	.18127	.21408	.08849	.34614	1.6009	.46236	.15224	.23161
#1	2.4838	1.2540	24.952	2.4954	2.5402	25.247	5.0248	5.0488
#2	2.4902	1.2578	24.920	2.4832	2.4833	25.083	5.0140	5.0653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0942	5.0273	4.9620	5.0690	5.0390	4.960	5.1570	F 4.3458
Stddev	.0079	.0385	.0124	.0071	.0065	.004	.0161	.2120
%RSD	.15572	.76661	.25085	.14046	.12837	.0810	.31247	4.8787
#1	5.0886	5.0000	4.9532	5.0640	5.0436	4.958	5.1684	4.1958
#2	5.0998	5.0545	4.9708	5.0741	5.0344	4.963	5.1457	4.4957

Sample Name: CCV01 Acquired: 12/19/2018 13:40:04 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0008
Stddev	.1909
%RSD	9.5390

#1	1.8659
#2	2.1358

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.7	56756.	3827.5	89.246	3231.3
Stddev	3.5	114.	9.7	1.349	5.1
%RSD	.14608	.20019	.25262	1.5119	.15922

#1	2418.2	56837.	3834.4	88.292	3234.9
#2	2423.2	56676.	3820.7	90.200	3227.6

Sample Name: LLCCV01 Acquired: 12/19/2018 13:43:51 Type: Unk
Method: P4-ICP2(v2669) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02154	.04774	.01237	.02377	.05801	.10954	.11544	.00677
Stddev	.00026	.00185	.00040	.00124	.00012	.00281	.00114	.00011
%RSD	1.2204	3.8722	3.2177	5.2025	.21387	2.5616	.99046	1.6080
#1	.02172	.04904	.01209	.02289	.05792	.11152	.11625	.00685
#2	.02135	.04643	.01266	.02464	.05810	.10756	.11463	.00670
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	2.2864	.01159	.03485	.02336	.09367	.02346	2.2954
Stddev	.00010	.0338	.00089	.00003	.00009	.01480	.00003	.0683
%RSD	1.5912	1.4760	7.6580	.07546	.40337	15.802	.14046	2.9762
#1	.00615	2.3103	.01222	.03487	.02329	.10414	.02348	2.2471
#2	.00629	2.2625	.01096	.03483	.02342	.08320	.02343	2.3437
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04640	.01199	2.2390	.04749	.04660	2.1936	.21682	.11748
Stddev	.00017	.00024	.0173	.00009	.00012	.0281	.00140	.00441
%RSD	.36006	2.0357	.77328	.19042	.24968	1.2795	.64475	3.7529
#1	.04629	.01182	2.2268	.04756	.04652	2.1738	.21583	.12060
#2	.04652	.01217	2.2512	.04743	.04668	2.2135	.21781	.11436
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01751	.43398	.04441	.04351	.02244	.0180	.02219	F 1.2111
Stddev	.00016	.00740	.00018	.00099	.00013	.0017	.00004	.1342
%RSD	.93238	1.7047	.40518	2.2766	.58102	9.307	.16076	11.078
#1	.01762	.42875	.04428	.04281	.02254	.0192	.02216	1.3060
#2	.01739	.43922	.04454	.04421	.02235	.0168	.02221	1.1162

Sample Name: LLCCV01 Acquired: 12/19/2018 13:43:51 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .37075
Stddev 1.1738
%RSD 316.61

#1 1.2008
#2 -.45928

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.2	59472.	3883.7	97.083	3639.5
Stddev	9.3	162.	12.0	.106	9.3
%RSD	.36975	.27280	.30952	.10925	.25586

#1	2524.8	59358.	3892.2	97.158	3646.1
#2	2511.6	59587.	3875.2	97.008	3632.9

Sample Name: CCB01 Acquired: 12/19/2018 13:48:13 Type: Unk
Method: P4-ICP2(v2669) 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	.00026	.00004	-.00022	.00368	.00165	.00602	-.00042
Stddev	.00152	.00132	.00081	.00018	.00054	.01275	.00038
%RSD	575.04	3494.1	366.75	4.9940	32.878	211.84	89.784

#1	-.00081	-.00090	-.00079	.00355	.00203	.01503	-.00069
#2	.00134	.00097	.00035	.00381	.00126	-.00300	-.00015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00004	-.00300	.00029	.00030	.00068	-.01533
Stddev	.00006	.00000	.01844	.00015	.00008	.00005	.00772
%RSD	194.58	10.085	615.16	52.465	28.199	6.9113	50.364

#1	.00007	-.00005	-.01604	.00018	.00036	.00064	-.02079
#2	-.00001	-.00004	.01004	.00040	.00024	.00071	-.00987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.03705	.00066	.00045	-.01936	.00030	-.00025
Stddev	.00001	.03166	.00068	.00116	.01063	.00012	.00004
%RSD	25.454	85.443	104.32	259.52	54.908	41.004	14.656

#1	.00004	.01467	.00114	.00127	-.01184	.00021	-.00027
#2	.00003	.05944	.00017	-.00037	-.02688	.00038	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02893	-.00001	.00066	-.00242	.00241	.00008	.00181
Stddev	.00357	.00010	.00587	.00171	.00232	.00053	.00175
%RSD	12.340	1293.6	893.54	70.606	96.122	665.04	97.044

#1	-.02641	.00006	.00481	-.00362	.00405	.00045	.00305
#2	-.03146	-.00008	-.00349	-.00121	.00077	-.00029	.00057

Sample Name: CCB01 Acquired: 12/19/2018 13:48:13 Type: Unk
 Method: P4-ICP2(v2669) 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	-.00174	-.0012	-.00007	F .79649	F<.00000
Stddev	.00032	.0000	.00008	.41427	.46921
%RSD	18.418	2.732	116.04	52.013	105.10

#1	-.00197	-.0012	-.00012	1.0894	-.77822
#2	-.00152	-.0012	-.00001	.50355	-.11465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.0	60123.	3841.0	96.133	3719.5
Stddev	10.5	261.	24.7	1.143	16.3
%RSD	.41147	.43342	.64207	1.1891	.43912

#1	2543.6	59939.	3823.6	95.325	3708.0
#2	2558.5	60307.	3858.4	96.942	3731.1

Sample Name: LR CHECK 1 Acquired: 12/19/2018 13:52:19 Type: Unk
Method: P4-ICP2(v2669) 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	-.06708	-.09117	-.04356	-.56271	.06137	F 2022.3	.00148
Stddev	.00329	.00853	.00864	.00474	.00041	5.3	.00042
%RSD	4.9001	9.3600	19.828	.84249	.67316	.26211	28.083

#1	-.06475	-.08514	-.04966	-.55936	.06167	2018.5	.00119
#2	-.06940	-.09721	-.03745	-.56607	.06108	2026.0	.00178

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00384	.04628	F 1829.5	.04007	.04440	.15442	F 979.49
Stddev	.00007	.00281	10.0	.00186	.00038	.01435	23.96
%RSD	1.7500	6.0716	.54572	4.6331	.86517	9.2945	2.4464

#1	.00380	.04429	1836.6	.03876	.04413	.14428	996.44
#2	.00389	.04826	1822.4	.04138	.04467	.16457	962.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03132	F 1926.1	.12107	-.02824	F 1811.2	.01107	.09726
Stddev	.00042	25.0	.00025	.00225	53.1	.00111	.00326
%RSD	1.3308	1.2984	.20791	7.9833	2.9329	10.044	3.3563

#1	.03102	1943.8	.12089	-.02665	1848.7	.01028	.09957
#2	.03161	1908.5	.12125	-.02983	1773.6	.01186	.09495

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1106.9	.00199	.10767	.44686	-.01374	.03480	-.05932
Stddev	24.9	.00162	.03202	.02699	.00109	.00152	.00041
%RSD	2.2526	81.416	29.735	6.0400	7.9634	4.3719	.69252

#1	1124.5	.00314	.13031	.46595	-.01296	.03587	-.05903
#2	1089.3	.00084	.08503	.42778	-.01451	.03372	-.05962

Sample Name: LR CHECK 1 Acquired: 12/19/2018 13:52:19 Type: Unk
 Method: P4-ICP2(v2669) 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	.05681	.0562	F -1.0600	<.00000	^ *****
Stddev	.00153	.0088	.0265	.09857	-----
%RSD	2.6845	15.70	2.4969	17.777	-----

#1	.05573	.0624	-1.0787	-.48479	^ -----
#2	.05789	.0499	-1.0412	-.62420	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.1	39827.	3314.6	66.848	1788.4
Stddev	13.9	149.	45.9	1.695	11.0
%RSD	.83345	.37407	1.3847	2.5351	.61374

#1	1681.0	39722.	3282.2	65.650	1796.1
#2	1661.3	39933.	3347.1	68.046	1780.6

Sample Name: LR CHECK2 Acquired: 12/19/2018 13:56:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	-.02062	249.44	.02417	-.03586	-.26827	96.530	-.00049
Stddev	.00022	.00072	5.52	.00446	.00079	.00129	.487	.00001
%RSD	20.194	3.4903	2.2142	18.458	2.1903	.48128	.50425	1.9861
#1	-.00091	-.02011	253.35	.02733	-.03641	-.26918	96.875	-.00050
#2	-.00122	-.02112	245.54	.02102	-.03530	-.26735	96.186	-.00048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00864	.19061	-.12926	-.01590	F 253.68	-.83866	41.209	-.05086
Stddev	.00037	.03420	.00230	.00078	1.64	.01726	.879	.01674
%RSD	4.2867	17.944	1.7768	4.8792	.64461	2.0586	2.1329	32.903
#1	-.00890	.21480	-.13088	-.01645	254.84	-.85087	40.587	-.03903
#2	-.00838	.16643	-.12763	-.01535	252.53	-.82645	41.830	-.06270
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.287	.00838	1.5227	-.00626	34.909	1.0741	-.00317	.00156
Stddev	1.097	.00021	.2700	.00021	.380	.1370	.00037	.00108
%RSD	2.2262	2.4574	17.729	3.2822	1.0888	12.754	11.811	69.214
#1	50.063	.00823	1.7136	-.00640	35.178	1.1710	-.00343	.00080
#2	48.512	.00852	1.3318	-.00611	34.641	.97727	-.00290	.00232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07287	-.00447	.00115	.02787	.00398	-.0599	.00303	3.5704
Stddev	.01936	.00180	.00096	.00216	.00190	.0151	.00005	.7894
%RSD	26.571	40.292	84.043	7.7566	47.764	25.25	1.5158	22.109
#1	.08656	-.00320	.00183	.02635	.00263	-.0706	.00306	3.0122
#2	.05918	-.00575	.00046	.02940	.00532	-.0492	.00299	4.1285

Sample Name: LR CHECK2 Acquired: 12/19/2018 13:56:44 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36895
Stddev	.11837
%RSD	32.082

#1	.45265
#2	.28525

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.4	58728.	3918.7	91.142	3310.0
Stddev	38.1	1382.	16.8	.707	64.3
%RSD	1.6169	2.3540	.42749	.77583	1.9432

#1	2332.4	59706.	3906.9	90.642	3264.5
#2	2386.3	57751.	3930.6	91.642	3355.5

Sample Name: J6462-02DLX10 Acquired: 12/19/2018 14:04:26 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00098	.04148	.00489	.00246	.05857	.02298	.00004
Stddev	.00078	.00061	.00323	.00177	.00046	.00486	.00124	.00003
%RSD	58.306	62.668	7.7890	36.117	18.617	8.2936	5.4024	80.370

#1	-.00190	-.00141	.04377	.00614	.00214	.06201	.02210	.00002
#2	-.00079	-.00054	.03920	.00364	.00278	.05514	.02386	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	1.0228	.02194	.00103	.00164	.60529	.03440	.17675
Stddev	.00001	.0097	.00041	.00000	.00006	.00846	.00009	.05405
%RSD	.59422	.94477	1.8692	.04180	3.7633	1.3984	.27134	30.581

#1	.00226	1.0160	.02165	.00103	.00169	.59931	.03446	.21496
#2	.00228	1.0296	.02223	.00103	.00160	.61128	.03433	.13853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00030	38.581	.00034	18.022	1.7759	-.00197	.13821
Stddev	.00031	.00035	.380	.00035	.092	.0781	.00008	.00160
%RSD	34.301	115.72	.98382	103.21	.51162	4.3974	4.2662	1.1589

#1	.00069	.00054	38.312	.00009	18.087	1.8312	-.00203	.13934
#2	.00113	.00005	38.849	.00059	17.957	1.7207	-.00191	.13708

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76613	.07088	.00037	.00125	.01068	.0032	.04867	2.0912
Stddev	.01868	.00323	.00014	.00046	.00129	.0006	.00005	.4357
%RSD	2.4385	4.5527	39.435	36.396	12.070	19.25	.10768	20.834

#1	.77934	.07317	.00026	.00093	.00976	.0028	.04864	2.3993
#2	.75291	.06860	.00047	.00158	.01159	.0037	.04871	1.7832

Sample Name: J6462-02DLX10 Acquired: 12/19/2018 14:04:26 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PAINT-MATERI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.62190
%RSD	529.70

#1	-.55715
#2	.32234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.1	60158.	3942.3	97.944	3641.7
Stddev	43.0	456.	5.1	.331	53.5
%RSD	1.6666	.75786	.13013	.33770	1.4702

#1	2551.6	59836.	3946.0	97.710	3603.9
#2	2612.5	60480.	3938.7	98.177	3679.6

Sample Name: J6316-01DLX10 Acquired: 12/19/2018 14:08:29 Type: Unk
Method: P4-ICP2(v2669) 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	.21454	-.00297	.34270	-.03386	.00364	14.636	.13878
Stddev	.00119	.00029	.00314	.00200	.00049	.101	.00018
%RSD	.55660	9.8085	.91519	5.8939	13.552	.68945	.13285

#1	.21370	-.00317	.34048	-.03527	.00329	14.707	.13891
#2	.21539	-.00276	.34492	-.03245	.00399	14.564	.13865

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00037	18.339	.04942	.02026	.30148	96.851
Stddev	.00019	.00001	.096	.00095	.00003	.00129	.014
%RSD	16.682	2.1221	.52093	1.9281	.14474	.42625	.01420

#1	.00125	-.00036	18.406	.05009	.02024	.30057	96.861
#2	.00098	-.00037	18.271	.04874	.02028	.30239	96.841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0727	12.219	.08207	-.00092	.88346	.06205	.23444
Stddev	.0098	.021	.00024	.00019	.00932	.00054	.00023
%RSD	.90899	.17424	.28894	20.647	1.0553	.86903	.09985

#1	1.0796	12.204	.08191	-.00106	.87687	.06243	.23427
#2	1.0658	12.234	.08224	-.00079	.89006	.06167	.23460

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7960	.00370	.01287	2.1281	1.9829	.03247	.56669
Stddev	.0069	.00016	.01437	.0327	.0137	.00030	.00109
%RSD	.38603	4.3440	111.68	1.5354	.69213	.93684	.19247

#1	1.7911	.00359	.02303	2.1050	1.9926	.03268	.56746
#2	1.8009	.00382	.00271	2.1512	1.9732	.03225	.56592

Sample Name: J6316-01DLX10 Acquired: 12/19/2018 14:08:29 Type: Unk
 Method: P4-ICP2(v2669) 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	.02486	.8939	-.05160	<.00000	F<.00000
Stddev	.00027	.0085	.00021	.38524	.45916
%RSD	1.0733	.9539	.40026	61.398	3.3660

#1	.02505	.8879	-.05146	-.35503	-13.317
#2	.02467	.9000	-.05175	-.89984	-13.966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.0	61110.	3990.2	95.945	3508.1
Stddev	2.7	604.	29.5	.225	20.0
%RSD	.10415	.98804	.73850	.23444	.56933

#1	2575.1	60683.	3969.3	95.786	3522.2
#2	2578.9	61537.	4011.0	96.104	3494.0

Sample Name: J6194-07 Acquired: 12/19/2018 14:12:26 Type: Unk
Method: P4-ICP2(v2669) 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	.01639	-.00867	.23615	-.08290	.00747	153.09	.45231
Stddev	.00066	.00205	.00152	.00568	.00082	2.71	.00196
%RSD	4.0398	23.676	.64241	6.8529	10.940	1.7684	.43337

#1	.01592	-.00722	.23723	-.08691	.00689	151.17	.45092
#2	.01686	-.01013	.23508	-.07888	.00805	155.00	.45370

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	-.00063	48.528	.20538	.12970	.41005	289.53
Stddev	.00016	.00073	.625	.00128	.00078	.00864	4.09
%RSD	2.9607	115.43	1.2874	.62104	.60333	2.1082	1.4134

#1	.00520	-.00012	48.086	.20447	.13025	.41617	286.64
#2	.00542	-.00115	48.970	.20628	.12915	.40394	292.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3146	58.154	.26632	.00348	10.581	.57270	.66611
Stddev	.0573	.294	.00127	.00023	.058	.01082	.00525
%RSD	1.7297	.50575	.47712	6.4590	.54891	1.8893	.78838

#1	3.2741	57.946	.26722	.00364	10.540	.56505	.66240
#2	3.3552	58.362	.26542	.00332	10.622	.58035	.66983

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9376	.01241	.16456	8.9394	3.7263	.01126	4.5875
Stddev	.0620	.00009	.00473	.0390	.1305	.00082	.0112
%RSD	.62373	.68653	2.8723	.43609	3.5010	7.2437	.24460

#1	9.8938	.01247	.16121	8.9669	3.6340	.01068	4.5796
#2	9.9814	.01235	.16790	8.9118	3.8185	.01184	4.5955

Sample Name: J6194-07 Acquired: 12/19/2018 14:12:26 Type: Unk
 Method: P4-ICP2(v2669) 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	.14450	6.029	-.17867	<.00000	F<.00000
Stddev	.00218	.028	.00370	1.0387	2.3362
%RSD	1.5062	.4588	2.0726	9.3716	1.7197

#1	.14296	6.049	-.17605	-11.817	-134.20
#2	.14604	6.009	-.18129	-10.349	-137.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3006.3	70531.	4848.7	98.450	3418.1
Stddev	34.4	850.	22.6	.737	19.5
%RSD	1.1456	1.2047	.46712	.74816	.57040

#1	2981.9	71132.	4864.7	98.971	3404.3
#2	3030.6	69930.	4832.7	97.929	3431.9

Sample Name: J6194-09 Acquired: 12/19/2018 14:16:21 Type: Unk
Method: P4-ICP2(v2669) 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	.03063	-.01771	.23212	-.06519	.00745	143.08	.46770
Stddev	.00272	.00243	.00521	.00696	.00180	.21	.02021
%RSD	8.8884	13.711	2.2464	10.675	24.119	.14831	4.3203

#1	.03255	-.01943	.23581	-.07011	.00618	143.23	.45342
#2	.02870	-.01600	.22843	-.06027	.00872	142.93	.48199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00614	-.00090	69.783	.17121	.15400	.35655	349.23
Stddev	.00002	.00356	3.252	.00302	.00228	.01422	27.00
%RSD	.37456	395.12	4.6595	1.7646	1.4813	3.9875	7.7316

#1	.00613	.00162	67.484	.17335	.15562	.36661	330.14
#2	.00616	-.00342	72.082	.16908	.15239	.34650	368.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9965	58.045	.27089	.01051	8.8434	.51922	.77268
Stddev	.0052	2.464	.00212	.00392	.3867	.00102	.05639
%RSD	.17211	4.2456	.78235	37.332	4.3733	.19676	7.2977

#1	3.0002	56.302	.27239	.00774	8.5700	.51995	.73281
#2	2.9929	59.787	.26939	.01329	9.1169	.51850	.81255

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.887	.01182	.31874	F 15.595	2.6526	.01569	4.4386
Stddev	.658	.00010	.04690	.183	.1420	.00039	.1650
%RSD	4.4181	.88110	14.714	1.1752	5.3517	2.5100	3.7177

#1	14.422	.01190	.28557	15.724	2.5522	.01541	4.3219
#2	15.353	.01175	.35190	15.465	2.7530	.01597	4.5553

Sample Name: J6194-09 Acquired: 12/19/2018 14:16:21 Type: Unk
Method: P4-ICP2(v2669) 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	.14767	8.839	-.24984	<.00000	F<.00000
Stddev	.00494	.108	.02350	.25239	.01130
%RSD	3.3461	1.219	9.4077	1.2796	.00668

#1	.14417	8.915	-.23322	-19.545	-169.05
#2	.15116	8.763	-.26646	-19.902	-169.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.7	82837.	5643.2	92.780	3225.6
Stddev	22.0	617.	231.5	6.928	33.2
%RSD	.64585	.74479	4.1021	7.4672	1.0292

#1	3388.2	82401.	5806.9	97.679	3202.1
#2	3419.2	83274.	5479.6	87.882	3249.1

Sample Name: J6196-07 Acquired: 12/19/2018 14:20:17 Type: Unk
 Method: P4-ICP2(v2669) 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	.01802	-.01147	.12690	-.06100	.00609	121.66	.71576
Stddev	.00005	.00059	.00506	.01077	.00113	1.47	.00898
%RSD	.29010	5.1107	3.9911	17.650	18.523	1.2107	1.2552

#1	.01799	-.01189	.13048	-.06861	.00529	120.62	.70941
#2	.01806	-.01106	.12332	-.05339	.00689	122.70	.72212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	-.00358	90.670	.24573	.13702	.36926	305.33
Stddev	.00001	.00169	1.344	.00234	.00222	.01087	9.43
%RSD	.21786	47.061	1.4826	.95410	1.6213	2.9451	3.0899

#1	.00567	-.00239	89.719	.24407	.13860	.37695	298.66
#2	.00569	-.00477	91.620	.24738	.13545	.36157	312.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5554	61.362	.23192	.00778	7.9487	.42156	.67800
Stddev	.0300	.737	.00416	.00092	.0985	.00256	.01747
%RSD	.84244	1.2006	1.7921	11.877	1.2395	.60722	2.5773

#1	3.5342	60.841	.23486	.00712	7.8791	.41975	.66564
#2	3.5766	61.883	.22898	.00843	8.0184	.42337	.69036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.486	.01077	.15200	6.0461	2.4050	.01229	4.9670
Stddev	.207	.00015	.01782	.1323	.0723	.00071	.0311
%RSD	1.1811	1.4184	11.726	2.1877	3.0047	5.7921	.62605

#1	17.340	.01067	.13940	6.1397	2.3539	.01179	4.9451
#2	17.632	.01088	.16460	5.9526	2.4561	.01279	4.9890

Sample Name: J6196-07 Acquired: 12/19/2018 14:20:17 Type: Unk
 Method: P4-ICP2(v2669) 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	.16789	7.835	-.02891	<.00000	F<.00000
Stddev	.00135	.164	.00541	.15378	1.0261
%RSD	.80698	2.096	18.732	1.4282	.77984

#1	.16694	7.952	-.02508	-10.876	-132.30
#2	.16885	7.719	-.03274	-10.658	-130.85

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.1	71481.	4802.8	89.142	3334.6
Stddev	43.3	542.	42.2	2.467	60.5
%RSD	1.4036	.75877	.87882	2.7679	1.8138

#1	3056.4	71865.	4832.7	90.887	3291.9
#2	3117.7	71098.	4773.0	87.398	3377.4

Sample Name: J6196-09 Acquired: 12/19/2018 14:24:14 Type: Unk
Method: P4-ICP2(v2669) 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	.01743	-.01058	.41885	-.05183	.00698	114.71	.51056
Stddev	.00017	.00050	.00751	.00943	.00287	.19	.02549
%RSD	.97414	4.7599	1.7932	18.202	41.031	.16581	4.9917

#1	.01731	-.01093	.42416	-.05850	.00496	114.58	.49254
#2	.01755	-.01022	.41353	-.04516	.00901	114.84	.52858

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	-.00228	54.110	.20675	.11240	.30465	286.96
Stddev	.00007	.00206	2.575	.00281	.00131	.00697	14.90
%RSD	1.4202	90.165	4.7584	1.3579	1.1690	2.2888	5.1920

#1	.00506	-.00083	52.290	.20873	.11333	.30958	276.43
#2	.00495	-.00374	55.931	.20476	.11147	.29972	297.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0601	40.539	.21257	.00805	8.4525	.35896	.70412
Stddev	.0391	2.111	.00243	.00174	.3824	.00462	.02591
%RSD	1.2781	5.2070	1.1443	21.637	4.5237	1.2879	3.6801

#1	3.0878	39.046	.21429	.00682	8.1822	.36223	.68580
#2	3.0324	42.031	.21085	.00929	8.7229	.35569	.72245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1958	.00343	.14655	5.0790	2.3632	.01935	3.1780
Stddev	.4353	.00035	.00261	.0493	.1039	.00034	.1412
%RSD	4.7337	10.215	1.7843	.97159	4.3950	1.7667	4.4444

#1	8.8880	.00318	.14471	5.1139	2.2897	.01959	3.0781
#2	9.5036	.00367	.14840	5.0441	2.4366	.01911	3.2779

Sample Name: J6196-09 Acquired: 12/19/2018 14:24:14 Type: Unk
 Method: P4-ICP2(v2669) 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	.11491	9.093	-.13436	<.00000	F<.00000
Stddev	.00657	.098	.00722	.13596	.30490
%RSD	5.7196	1.079	5.3762	.87128	.24850

#1	.11026	9.162	-.12925	-15.508	-122.48
#2	.11956	9.023	-.13946	-15.700	-122.91

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3295.1	78364.	5187.7	92.932	3379.5
Stddev	6.2	760.	211.5	3.848	27.6
%RSD	.18727	.97020	4.0765	4.1408	.81678

#1	3290.8	77827.	5337.3	95.653	3360.0
#2	3299.5	78902.	5038.2	90.211	3399.0

Sample Name: J6196-11 Acquired: 12/19/2018 14:28:10 Type: Unk
Method: P4-ICP2(v2669) 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	.02101	-.01058	.46690	-.07954	.00626	154.15	.71223
Stddev	.00081	.00156	.01253	.00047	.00216	4.95	.00812
%RSD	3.8791	14.707	2.6834	.59539	34.426	3.2112	1.1397

#1	.02043	-.01168	.47576	-.07921	.00779	150.65	.70649
#2	.02158	-.00948	.45804	-.07987	.00474	157.65	.71797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00624	-.00060	65.634	.23555	.11980	.32544	292.85
Stddev	.00016	.00161	.968	.00696	.00359	.00923	4.53
%RSD	2.6194	269.85	1.4753	2.9565	3.0001	2.8351	1.5471

#1	.00612	.00054	64.950	.23063	.12234	.33197	289.65
#2	.00635	-.00173	66.319	.24048	.11726	.31892	296.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9272	38.598	.24203	.00372	11.677	.45176	1.0605
Stddev	.1199	.402	.00536	.00059	.155	.01141	.0122
%RSD	3.0533	1.0427	2.2139	15.923	1.3270	2.5249	1.1472

#1	3.8424	38.314	.24581	.00414	11.568	.44370	1.0519
#2	4.0120	38.883	.23824	.00330	11.787	.45983	1.0691

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1728	.00230	.11438	3.7806	3.4646	.02730	3.4252
Stddev	.0665	.00005	.01052	.0970	.0414	.00028	.0555
%RSD	.81356	2.1980	9.1934	2.5668	1.1956	1.0283	1.6209

#1	8.1258	.00226	.10694	3.8492	3.4353	.02750	3.3859
#2	8.2198	.00233	.12181	3.7119	3.4939	.02710	3.4644

Sample Name: J6196-11 Acquired: 12/19/2018 14:28:10 Type: Unk
Method: P4-ICP2(v2669) 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	.13066	4.917	.02783	<.00000	F<.00000
Stddev	.00314	.128	.00089	1.6990	1.4777
%RSD	2.4005	2.608	3.2030	20.873	1.1567

#1	.12844	5.007	.02846	-9.3413	-126.71
#2	.13288	4.826	.02720	-6.9385	-128.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.4	67267.	4628.4	92.759	3301.7
Stddev	49.5	1811.	37.0	1.092	80.0
%RSD	1.6992	2.6919	.79959	1.1768	2.4222

#1	2877.4	68547.	4654.6	93.531	3245.2
#2	2947.4	65986.	4602.2	91.988	3358.3

Sample Name: J6199-09 Acquired: 12/19/2018 14:32:07 Type: Unk
Method: P4-ICP2(v2669) 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	.00864	-.02132	.15454	-.09436	.00990	218.41	.77746
Stddev	.00035	.00206	.00094	.00136	.00071	2.85	.02439
%RSD	4.1063	9.6476	.61042	1.4408	7.1240	1.3064	3.1376

#1	.00839	-.01986	.15387	-.09340	.00940	216.39	.79471
#2	.00889	-.02277	.15521	-.09532	.01040	220.43	.76021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00792	-.00174	54.156	.24437	.21356	.55079	480.70
Stddev	.00030	.00067	1.425	.00593	.00285	.00336	12.87
%RSD	3.7888	38.789	2.6313	2.4287	1.3353	.61008	2.6768

#1	.00770	-.00222	55.164	.24017	.21558	.55317	489.80
#2	.00813	-.00126	53.149	.24856	.21155	.54842	471.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3742	51.991	.34960	.01246	14.488	.86346	.75245
Stddev	.0678	1.825	.00532	.00295	.427	.01503	.01634
%RSD	1.2609	3.5095	1.5222	23.704	2.9494	1.7403	2.1718

#1	5.3262	53.281	.35336	.01455	14.790	.85284	.76400
#2	5.4221	50.700	.34583	.01037	14.186	.87409	.74089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.092	.00387	.29941	8.6053	2.1899	.02217	8.7270
Stddev	.273	.00029	.00740	.1312	.0549	.00032	.2766
%RSD	2.7069	7.4962	2.4712	1.5244	2.5046	1.4637	3.1694

#1	10.285	.00367	.30464	8.6981	2.2287	.02240	8.9226
#2	9.8985	.00408	.29418	8.5125	2.1511	.02194	8.5314

Sample Name: J6199-09 Acquired: 12/19/2018 14:32:07 Type: Unk
Method: P4-ICP2(v2669) 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	.14213	7.387	-.35769	<.00000	F<.00000
Stddev	.00345	.111	.00932	.72886	2.9038
%RSD	2.4245	1.495	2.6066	4.1505	1.0382

#1	.14457	7.465	-.36429	-18.076	-277.63
#2	.13969	7.309	-.35110	-17.045	-281.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3285.2	74010.	5360.9	92.082	3241.7
Stddev	31.9	1161.	139.4	1.973	40.3
%RSD	.97088	1.5681	2.6012	2.1421	1.2421

#1	3262.7	74831.	5262.3	90.688	3213.2
#2	3307.8	73189.	5459.5	93.477	3270.2

Sample Name: CCV02 Acquired: 12/19/2018 14:48:15 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9105	4.7869	4.8411	4.8555	4.8138	9.8054	9.9051	.24362
Stddev	.0303	.0235	.0230	.0247	.0269	.1087	.1006	.00442
%RSD	.61738	.49118	.47455	.50937	.55845	1.1087	1.0156	1.8151
#1	4.9320	4.8035	4.8573	4.8730	4.8328	9.8823	9.8340	.24675
#2	4.8891	4.7703	4.8248	4.8380	4.7947	9.7286	9.9763	.24049
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3947	25.308	.97799	2.4056	1.2283	4.7342	2.4539	24.701
Stddev	.0110	.463	.01800	.0146	.0059	.0902	.0430	.279
%RSD	.45967	1.8298	1.8410	.60875	.48207	1.9052	1.7520	1.1308
#1	2.4025	24.981	.99073	2.4159	1.2324	4.6705	2.4843	24.503
#2	2.3869	25.636	.96526	2.3952	1.2241	4.7980	2.4235	24.898
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4204	1.2375	23.823	2.4247	2.4219	24.394	4.8699	5.0127
Stddev	.0130	.0273	.199	.0433	.0246	.294	.0276	.0832
%RSD	.53820	2.2023	.83414	1.7871	1.0179	1.2073	.56600	1.6591
#1	2.4296	1.2568	23.682	2.4554	2.4045	24.186	4.8894	4.9539
#2	2.4112	1.2183	23.963	2.3941	2.4393	24.602	4.8504	5.0715
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8068	4.9416	4.8374	4.9523	4.8196	4.842	5.0630	4.8694
Stddev	.0333	.0192	.0130	.0645	.0456	.025	.0502	.8644
%RSD	.69242	.38899	.26790	1.3016	.94606	.5165	.99162	17.751
#1	4.8303	4.9280	4.8466	4.9068	4.7874	4.860	5.0274	5.4806
#2	4.7832	4.9552	4.8283	4.9979	4.8519	4.825	5.0985	4.2582

Sample Name: CCV02 Acquired: 12/19/2018 14:48:15 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1565
Stddev .3197
%RSD 14.823

#1 2.3826
#2 1.9305

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.1	57758.	3879.1	93.019	3316.7
Stddev	13.7	1118.	20.4	.892	17.5
%RSD	.54976	1.9358	.52576	.95887	.52618

#1	2480.4	56968.	3893.5	93.650	3304.4
#2	2499.8	58549.	3864.7	92.389	3329.1

Sample Name: CCB02 Acquired: 12/19/2018 14:52:51 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00010	.00424	.00368	.00095	.00950	-.00139	.00001
Stddev	.00034	.00007	.00022	.00007	.00077	.01013	.00025	.00004
%RSD	1301.3	71.221	5.3056	1.9014	81.009	106.72	17.815	464.13

#1	.00021	-.00005	.00440	.00363	.00149	.00233	-.00122	-.00002
#2	-.00026	-.00015	.00408	.00373	.00040	.01666	-.00157	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00468	.00014	-.00005	.00033	-.00498	.00000	-.00969
Stddev	.00008	.00538	.00030	.00007	.00005	.00097	.00002	.00642
%RSD	119.06	115.04	217.38	136.92	14.023	19.555	605.18	66.239

#1	-.00001	.00087	.00036	-.00010	.00036	-.00429	-.00001	-.01422
#2	-.00013	.00848	-.00008	-.00000	.00029	-.00567	.00002	-.00515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	.00025	.03536	-.00004	.00079	.10144	-.00001	-.00506
Stddev	.00021	.00028	.01148	.00038	.00009	.01167	.00021	.00005
%RSD	34.224	115.48	32.461	980.05	12.008	11.501	1860.3	.92432

#1	.00075	.00045	.02724	.00023	.00086	.10969	.00014	-.00510
#2	.00046	.00004	.04347	-.00031	.00072	.09319	-.00016	-.00503

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	.00153	.00082	.00048	-.00091	-.0016	.00005	.82454
Stddev	.00138	.00135	.00074	.00262	.00120	.0006	.00004	1.5306
%RSD	47.740	87.674	89.682	543.48	131.92	35.60	94.160	185.63

#1	.00385	.00249	.00135	-.00137	-.00006	-.0012	.00002	-.25774
#2	.00191	.00058	.00030	.00233	-.00175	-.0020	.00008	1.9068

Sample Name: CCB02 Acquired: 12/19/2018 14:52:51 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.16055
Stddev	.54999
%RSD	342.56

#1	-.22835
#2	.54946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.9	61972.	3957.3	98.213	3737.6
Stddev	9.6	1874.	46.5	.524	15.2
%RSD	.37328	3.0239	1.1749	.53398	.40754

#1	2581.7	63297.	3924.4	97.842	3748.4
#2	2568.1	60647.	3990.2	98.583	3726.9

Sample Name: J6199-11 Acquired: 12/19/2018 15:04:43 Type: Unk
Method: P4-ICP2(v2669) 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	.01049	-.01602	.26577	-.08086	.00861	170.37	.79187
Stddev	.00124	.00027	.00130	.00271	.00005	3.41	.03016
%RSD	11.857	1.6974	.48831	3.3473	.52961	2.0009	3.8088

#1	.01137	-.01582	.26669	-.08278	.00865	167.96	.81320
#2	.00961	-.01621	.26485	-.07895	.00858	172.78	.77054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00760	-.00176	46.941	.16471	.14590	.36266	394.94
Stddev	.00036	.00081	1.638	.00543	.00134	.00108	12.13
%RSD	4.6745	45.842	3.4898	3.2994	.91632	.29885	3.0723

#1	.00735	-.00233	48.099	.16087	.14684	.36343	403.52
#2	.00785	-.00119	45.782	.16855	.14495	.36189	386.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8831	41.199	.23395	.01326	7.6248	.50426	.75488
Stddev	.1273	1.302	.00470	.00281	.3009	.01464	.02139
%RSD	2.6070	3.1610	2.0110	21.215	3.9468	2.9029	2.8336

#1	4.7931	42.119	.23727	.01525	7.8376	.49391	.77001
#2	4.9731	40.278	.23062	.01127	7.4121	.51461	.73976

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.333	.00485	.21829	6.1276	2.6326	.02436	5.8747
Stddev	.471	.00006	.00766	.0941	.0634	.00009	.2217
%RSD	3.8230	1.3338	3.5075	1.5365	2.4090	.35927	3.7735

#1	12.666	.00489	.22370	6.1942	2.6774	.02442	6.0314
#2	12.000	.00480	.21288	6.0610	2.5877	.02430	5.7179

Sample Name: J6199-11 Acquired: 12/19/2018 15:04:43 Type: Unk
 Method: P4-ICP2(v2669) 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	.12490	9.178	-.30251	<.00000	F<.00000
Stddev	.00397	.108	.00910	1.4295	.66992
%RSD	3.1763	1.181	3.0098	7.4636	.32336

#1	.12770	9.255	-.30895	-20.163	-207.65
#2	.12209	9.102	-.29607	-18.142	-206.70

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.5	78657.	5419.1	92.204	3285.7
Stddev	36.4	2039.	166.2	2.489	37.2
%RSD	1.0884	2.5920	3.0670	2.6992	1.1319

#1	3317.8	80099.	5301.6	90.444	3259.4
#2	3369.3	77215.	5536.6	93.964	3312.0

Sample Name: J6358-02 Acquired: 12/19/2018 15:21:39 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00188	.00080	.00435	.00123	.10603	.03778	.00002
Stddev	.00009	.00077	.00138	.00193	.00081	.00183	.00091	.00001
%RSD	10.092	41.190	171.35	44.277	65.722	1.7260	2.4168	53.425

#1	-.00098	-.00243	.00178	.00571	.00180	.10732	.03842	.00001
#2	-.00085	-.00133	-.00017	.00299	.00066	.10473	.03713	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00298	20.771	.01923	.00010	.00090	.06614	.00301	3.4800
Stddev	.00010	.036	.00019	.00003	.00028	.00320	.00009	.0422
%RSD	3.2392	.17200	.98119	33.525	31.637	4.8383	2.8408	1.2118

#1	.00305	20.797	.01909	.00012	.00110	.06840	.00295	3.5098
#2	.00291	20.746	.01936	.00007	.00070	.06388	.00307	3.4502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00469	.00020	29.713	.00102	.01580	2.6331	.00021	.00992
Stddev	.00035	.00015	.278	.00005	.00071	.0238	.00006	.00632
%RSD	7.4303	74.583	.93580	4.8396	4.5175	.90492	26.569	63.738

#1	.00445	.00030	29.910	.00106	.01631	2.6499	.00025	.00545
#2	.00494	.00009	29.517	.00099	.01530	2.6162	.00017	.01438

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6865	4.7401	-.00163	.00155	.01454	.0327	1.2643	2.1075
Stddev	.0762	.0783	.00010	.00030	.00078	.0004	.0095	.2373
%RSD	2.8383	1.6511	5.9606	19.236	5.3424	1.256	.75046	11.261

#1	2.7404	4.7954	-.00156	.00134	.01509	.0330	1.2710	1.9397
#2	2.6326	4.6847	-.00170	.00176	.01399	.0324	1.2576	2.2753

Sample Name: J6358-02 Acquired: 12/19/2018 15:21:39 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .91672
Stddev .20544
%RSD 22.411

#1 .77145
#2 1.0620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.1	60707.	3904.2	97.728	3686.4
Stddev	66.3	348.	33.4	3.950	107.8
%RSD	2.5576	.57306	.85616	4.0420	2.9231

#1	2545.2	60953.	3880.5	94.935	3610.2
#2	2638.9	60461.	3927.8	100.52	3762.6

Sample Name: J6358-02DUP Acquired: 12/19/2018 15:25:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	-.00174	-.00007	.00450	.00072	.10037	.03492	-.00001
Stddev	.00016	.00194	.00034	.00091	.00007	.00386	.00182	.00001
%RSD	17.565	111.41	485.42	20.165	10.270	3.8437	5.2188	98.814

#1	-.00082	-.00037	-.00031	.00514	.00077	.09764	.03620	-.00000
#2	-.00105	-.00311	.00017	.00386	.00066	.10309	.03363	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00284	19.965	.01927	.00005	.00065	.06879	.00297	3.3661
Stddev	.00001	.872	.00052	.00015	.00002	.01886	.00021	.1154
%RSD	.28375	4.3669	2.7192	294.11	3.2616	27.421	7.1348	3.4271

#1	.00283	20.581	.01890	-.00006	.00067	.08213	.00282	3.4477
#2	.00285	19.348	.01964	.00016	.00064	.05546	.00312	3.2846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00471	-.00010	28.555	.00074	.01579	2.5291	.00042	.00561
Stddev	.00031	.00015	1.444	.00042	.00099	.0788	.00002	.00420
%RSD	6.5834	159.10	5.0550	56.304	6.2533	3.1167	4.8561	74.832

#1	.00449	.00001	29.575	.00104	.01649	2.5849	.00040	.00857
#2	.00493	-.00021	27.534	.00045	.01510	2.4734	.00043	.00264

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6790	4.5001	-.00181	.00073	.01408	.0329	1.2122	.32062
Stddev	.0822	.1850	.00039	.00126	.00143	.0022	.0643	.13038
%RSD	3.0694	4.1115	21.759	172.41	10.148	6.610	5.3070	40.664

#1	2.6209	4.6310	-.00153	.00162	.01509	.0314	1.2577	.22843
#2	2.7372	4.3693	-.00209	-.00016	.01307	.0344	1.1667	.41282

Sample Name: J6358-02DUP Acquired: 12/19/2018 15:25:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .30913
Stddev .03239
%RSD 10.477

#1 .28623
#2 .33203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.4	62973.	4046.0	98.666	3707.6
Stddev	49.3	925.	188.0	6.065	85.5
%RSD	1.8901	1.4690	4.6477	6.1465	2.3059

#1	2645.3	63627.	3913.1	94.378	3768.1
#2	2575.5	62319.	4179.0	102.95	3647.2

Sample Name: J6358-02LX5 Acquired: 12/19/2018 15:29:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00012	.00078	.00193	.00090	.03168	.00652	.00002
Stddev	.00138	.00024	.00002	.00098	.00017	.00060	.00074	.00005
%RSD	132.05	200.72	3.1072	50.942	19.318	1.9036	11.387	188.59

#1	-.00202	.00029	.00080	.00262	.00078	.03211	.00600	.00006
#2	-.00007	-.00005	.00076	.00123	.00102	.03126	.00705	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	4.1178	.00394	.00015	.00034	.01187	.00054	.74919
Stddev	.00000	.2483	.00009	.00005	.00025	.00231	.00001	.05990
%RSD	.55920	6.0306	2.3123	35.106	72.360	19.442	1.2637	7.9950

#1	.00059	3.9422	.00400	.00012	.00017	.01350	.00054	.70684
#2	.00058	4.2934	.00387	.00019	.00051	.01024	.00053	.79155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00041	5.8684	-.00017	.00369	.55299	.00006	-.00376
Stddev	.00052	.00024	.2600	.00022	.00008	.00112	.00004	.00346
%RSD	27.782	59.572	4.4299	125.64	2.1418	.20276	59.448	92.012

#1	.00150	.00024	5.6846	-.00033	.00363	.55220	.00003	-.00131
#2	.00223	.00058	6.0522	-.00002	.00374	.55378	.00008	-.00620

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53492	.97393	-.00085	-.00056	.00328	.0068	.25005	<.00000
Stddev	.00325	.03678	.00031	.00109	.00203	.0006	.01196	2.5576
%RSD	.60812	3.7760	36.041	196.34	61.777	8.222	4.7848	306.89

#1	.53722	.94792	-.00063	-.00133	.00185	.0071	.24159	-2.6419
#2	.53262	.99993	-.00107	.00022	.00472	.0064	.25851	.97513

Sample Name: J6358-02LX5 Acquired: 12/19/2018 15:29:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.02061
Stddev	.20391
%RSD	989.62

#1	.16479
#2	-.12358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2704.5	64159.	4048.9	102.46	3924.7
Stddev	45.8	2249.	154.6	2.60	57.6
%RSD	1.6923	3.5058	3.8181	2.5384	1.4677

#1	2672.1	65749.	4158.2	104.30	3884.0
#2	2736.8	62568.	3939.5	100.63	3965.4

Sample Name: J6358-02A Acquired: 12/19/2018 15:40:23 Type: Unk
Method: P4-ICP2(v2669) 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	.78742	1.8876	.94504	1.9009	.77822	2.1487	.26460
Stddev	.01481	.0274	.01538	.0302	.01438	.0437	.01383
%RSD	1.8811	1.4523	1.6278	1.5891	1.8484	2.0362	5.2270

#1	.79789	1.9070	.95592	1.9222	.78839	2.1796	.27438
#2	.77695	1.8682	.93416	1.8795	.76805	2.1177	.25482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19392	.18905	22.024	.43300	.19621	.30876	3.2657
Stddev	.00175	.00336	1.165	.00170	.00340	.00535	.1898
%RSD	.89986	1.7789	5.2888	.39305	1.7351	1.7336	5.8127

#1	.19516	.19142	22.848	.43420	.19862	.31255	3.4000
#2	.19269	.18667	21.201	.43180	.19380	.30498	3.1315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21095	5.7259	.49542	.07051	32.653	.31087	.22120
Stddev	.00178	.1480	.00690	.00019	1.747	.00386	.01386
%RSD	.84400	2.5856	1.3920	.26240	5.3512	1.2412	6.2672

#1	.21221	5.8306	.50029	.07064	33.889	.31360	.23100
#2	.20969	5.6212	.49054	.07038	31.417	.30814	.21140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.581	.41822	.34904	2.6091	5.6992	.65545	.21596
Stddev	.723	.00562	.02347	.0559	.2848	.01131	.00936
%RSD	5.3235	1.3444	6.7250	2.1430	4.9967	1.7259	4.3320

#1	14.093	.42220	.36564	2.6486	5.9005	.66344	.22258
#2	13.070	.41425	.33244	2.5696	5.4978	.64745	.20935

Sample Name: J6358-02A Acquired: 12/19/2018 15:40:23 Type: Unk
 Method: P4-ICP2(v2669) 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	.23340	5.380	1.4770	1.3340	F<.00000
Stddev	.01368	.089	.0810	.0158	.16194
%RSD	5.8620	1.662	5.4822	1.1815	6.3506

#1	.24307	5.444	1.5343	1.3229	-2.6644
#2	.22372	5.317	1.4198	1.3451	-2.4354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.3	61680.	3834.5	94.239	3676.1
Stddev	36.4	578.	195.9	5.571	52.3
%RSD	1.3885	.93651	5.1086	5.9112	1.4217

#1	2593.6	61272.	3696.0	90.300	3639.1
#2	2645.0	62089.	3973.0	98.178	3713.0

Sample Name: J6358-02MS Acquired: 12/19/2018 15:44:12 Type: Unk
Method: P4-ICP2(v2669) 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	.86157	2.0693	1.0303	2.0799	.85643	2.2489	.26969
Stddev	.03524	.0805	.0378	.0598	.02988	.0147	.00231
%RSD	4.0903	3.8926	3.6670	2.8759	3.4888	.65557	.85720

#1	.83665	2.0123	1.0036	2.0376	.83530	2.2385	.27133
#2	.88649	2.1262	1.0570	2.1222	.87756	2.2593	.26806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20613	.20672	22.517	.46247	.21524	.33828	3.2571
Stddev	.00496	.00776	.086	.01436	.00793	.01362	.0349
%RSD	2.4080	3.7561	.38295	3.1053	3.6839	4.0269	1.0712

#1	.20262	.20123	22.578	.45231	.20963	.32865	3.2818
#2	.20964	.21221	22.456	.47262	.22085	.34792	3.2325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22337	5.8454	.54286	.07493	33.573	.33096	.22919
Stddev	.00611	.0858	.02030	.00156	.188	.00979	.00055
%RSD	2.7375	1.4677	3.7397	2.0806	.55914	2.9585	.23809

#1	.21905	5.9061	.52851	.07383	33.706	.32404	.22958
#2	.22770	5.7848	.55722	.07603	33.440	.33789	.22881

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.866	.45936	.34260	2.7824	5.9262	.72091	.21936
Stddev	.098	.01796	.00427	.0983	.0061	.03099	.00015
%RSD	.70837	3.9089	1.2476	3.5334	.10354	4.2992	.06874

#1	13.935	.44666	.34562	2.7128	5.9218	.69900	.21925
#2	13.796	.47205	.33957	2.8519	5.9305	.74283	.21946

Sample Name: J6358-02MS Acquired: 12/19/2018 15:44:12 Type: Unk
 Method: P4-ICP2(v2669) 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	.23692	5.899	1.5154	3.5652	F<.00000
Stddev	.00431	.221	.0094	.7096	.79782
%RSD	1.8194	3.740	.61952	19.903	34.028

#1	.23997	5.743	1.5220	3.0634	-1.7805
#2	.23387	6.055	1.5088	4.0669	-2.9088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.8	59244.	3763.6	94.237	3497.9
Stddev	55.6	1029.	4.5	1.419	84.1
%RSD	2.2329	1.7365	.12064	1.5054	2.4040

#1	2530.1	59971.	3760.4	93.234	3557.3
#2	2451.4	58516.	3766.8	95.240	3438.4

Sample Name: J6358-02MSD Acquired: 12/19/2018 15:48:01 Type: Unk
Method: P4-ICP2(v2669) 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	.84511	2.0328	1.0200	2.0484	.83887	2.2430	.26377
Stddev	.02043	.0425	.0237	.0362	.01113	.0646	.00991
%RSD	2.4176	2.0883	2.3225	1.7672	1.3274	2.8802	3.7580

#1	.83066	2.0028	1.0032	2.0228	.83100	2.1973	.25676
#2	.85956	2.0628	1.0367	2.0739	.84675	2.2887	.27077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20806	.20400	21.252	.46289	.21191	.33279	3.2447
Stddev	.00407	.00431	.842	.00892	.00462	.00567	.0573
%RSD	1.9545	2.1130	3.9623	1.9263	2.1806	1.7027	1.7652

#1	.20518	.20095	20.657	.45658	.20864	.32879	3.2042
#2	.21093	.20705	21.848	.46919	.21518	.33680	3.2852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22545	5.6219	.53470	.07603	31.648	.33420	.22164
Stddev	.00462	.2354	.01076	.00133	.950	.00743	.00412
%RSD	2.0514	4.1868	2.0131	1.7524	3.0013	2.2220	1.8568

#1	.22218	5.4555	.52708	.07509	30.977	.32895	.21873
#2	.22872	5.7884	.54231	.07698	32.320	.33945	.22455

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.555	.45089	.34517	2.6804	5.6004	.70844	.21712
Stddev	.504	.00915	.01456	.0529	.1417	.01390	.00706
%RSD	3.7160	2.0303	4.2187	1.9739	2.5301	1.9620	3.2514

#1	13.199	.44442	.33487	2.6430	5.5002	.69862	.21213
#2	13.911	.45736	.35546	2.7178	5.7006	.71827	.22211

Sample Name: J6358-02MSD Acquired: 12/19/2018 15:48:01 Type: Unk
Method: P4-ICP2(v2669) 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	.23372	5.797	1.4233	2.2228	F<.00000
Stddev	.00933	.115	.0461	.3266	.14979
%RSD	3.9937	1.975	3.2355	14.693	5.4365

#1	.22712	5.716	1.3908	1.9918	-2.8612
#2	.24032	5.878	1.4559	2.4537	-2.6494

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.6	60846.	3984.5	99.174	3612.4
Stddev	33.1	723.	87.0	1.128	55.1
%RSD	1.2855	1.1885	2.1833	1.1373	1.5262

#1	2601.1	61357.	4046.1	99.972	3651.4
#2	2554.2	60334.	3923.0	98.377	3573.4

Sample Name: J6438-06 Acquired: 12/19/2018 15:51:50 Type: Unk
Method: P4-ICP2(v2669) 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	-.00533	-.00250	-.01344	-.03207	.00220	.14712	.04021
Stddev	.00260	.00188	.00166	.00092	.00348	.00280	.00178
%RSD	48.830	75.092	12.311	2.8708	157.97	1.9033	4.4181

#1	-.00718	-.00382	-.01227	-.03272	-.00026	.14514	.04147
#2	-.00349	-.00117	-.01462	-.03142	.00466	.14910	.03896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00089	11.063	-.00285	.00022	.02628	89.218
Stddev	.00003	.00003	.337	.00025	.00021	.00043	1.600
%RSD	11.531	2.9678	3.0439	8.7643	96.155	1.6357	1.7935

#1	.00020	-.00088	11.301	-.00302	.00007	.02658	90.349
#2	.00023	-.00091	10.825	-.00267	.00036	.02598	88.086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45721	2.7360	.00467	-.00099	74.429	.00085	.13026
Stddev	.01258	.1084	.00091	.00015	2.450	.00020	.00237
%RSD	2.7517	3.9610	19.544	15.668	3.2914	24.140	1.8229

#1	.44831	2.8126	.00403	-.00088	76.161	.00070	.13194
#2	.46611	2.6594	.00532	-.00110	72.697	.00099	.12858

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83921	-.00117	.01978	1.6722	.31237	-.00082	-.00190
Stddev	.03010	.00003	.01221	.0296	.00517	.00013	.00151
%RSD	3.5862	2.5263	61.713	1.7681	1.6555	15.369	79.682

#1	.86049	-.00115	.01115	1.6931	.31603	-.00091	-.00083
#2	.81793	-.00119	.02841	1.6513	.30871	-.00073	-.00297

Sample Name: J6438-06 Acquired: 12/19/2018 15:51:50 Type: Unk
 Method: P4-ICP2(v2669) 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	-.00072	.0620	-.03715	.85356	F<.00000
Stddev	.00100	.0007	.00025	1.3597	1.5288
%RSD	138.47	1.104	.68117	159.30	13.009

#1	-.00002	.0616	-.03698	-.10790	-10.670
#2	-.00143	.0625	-.03733	1.8150	-12.832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.3	60097.	4071.1	100.74	3532.7
Stddev	43.0	1522.	125.6	1.32	49.3
%RSD	1.6656	2.5333	3.0842	1.3106	1.3943

#1	2550.9	61173.	3982.4	99.803	3497.8
#2	2611.7	59020.	4159.9	101.67	3567.5

Sample Name: J6438-18 Acquired: 12/19/2018 15:55:52 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	-.00228	-.00009	.00445	-.00011	.02210	.01560	.00002
Stddev	.00147	.00180	.00001	.00232	.00034	.00071	.00192	.00005
%RSD	551.97	78.881	11.324	52.126	319.18	3.2225	12.305	241.84

#1	.00078	-.00101	-.00010	.00281	-.00035	.02261	.01696	-.00002
#2	-.00131	-.00355	-.00008	.00609	.00013	.02160	.01424	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	7.8447	.00005	.00012	.00184	3.8236	.05139	1.3333
Stddev	.00008	.3797	.00021	.00036	.00089	.1869	.00258	.1160
%RSD	121.17	4.8409	441.37	296.40	48.099	4.8881	5.0248	8.7002

#1	-.00012	8.1132	-.00010	.00038	.00122	3.9558	.04957	1.4153
#2	-.00001	7.5762	.00019	-.00013	.00247	3.6914	.05322	1.2513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00008	44.362	.00029	.02205	.40791	.00033	.00215
Stddev	.00024	.00022	2.339	.00025	.00086	.01491	.00023	.00865
%RSD	944.87	259.73	5.2724	89.446	3.9047	3.6548	69.328	402.50

#1	-.00014	-.00024	46.016	.00010	.02266	.41845	.00050	-.00397
#2	.00019	.00007	42.708	.00047	.02144	.39737	.00017	.00827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05955	.20854	-.00058	.00183	-.00092	.0036	.03909	1.1340
Stddev	.00071	.01163	.00124	.00105	.00006	.0000	.00206	2.4132
%RSD	1.1970	5.5750	215.54	57.505	6.9239	.6075	5.2777	212.80

#1	.05904	.21676	.00030	.00109	-.00087	.0036	.04055	-.57236
#2	.06005	.20032	-.00146	.00258	-.00096	.0036	.03763	2.8404

Sample Name: J6438-18 Acquired: 12/19/2018 15:55:52 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0888
 Stddev .0232
 %RSD 2.1263

#1 1.1051
 #2 1.0724

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.6	61211.	4086.0	100.03	3655.9
Stddev	8.9	2806.	174.8	3.69	3.6
%RSD	.34155	4.5834	4.2776	3.6851	.09751

#1	2609.3	63195.	3962.4	97.419	3658.5
#2	2621.9	59227.	4209.6	102.63	3653.4

Sample Name: J6440-03 Acquired: 12/19/2018 16:12:11 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00076	.00071	-.00179	.00006	.04486	.10223	.00011
Stddev	.00029	.00110	.00068	.00640	.00077	.00082	.01027	.00004
%RSD	22.957	144.98	95.849	356.84	1403.7	1.8302	10.043	34.420

#1	-.00107	.00002	.00023	.00273	.00060	.04427	.10949	.00014
#2	-.00148	-.00153	.00119	-.00632	-.00049	.04544	.09497	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	7.4130	.00021	.00031	.02348	8.4243	.60116	4.6123
Stddev	.00011	.6180	.00013	.00033	.00008	.7803	.01397	.3928
%RSD	49.548	8.3366	61.501	107.33	.35765	9.2628	2.3240	8.5174

#1	-.00029	7.8500	.00012	.00007	.02354	8.9760	.61103	4.8901
#2	-.00014	6.9760	.00030	.00054	.02342	7.8725	.59128	4.3345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00020	67.733	-.00002	.09426	1.1776	-.00033	.03345
Stddev	.00010	.00008	5.406	.00086	.00905	.0791	.00019	.00198
%RSD	15.346	39.338	7.9812	3687.8	9.5969	6.7150	56.306	5.9246

#1	.00061	.00015	71.555	-.00063	.10065	1.2335	-.00046	.03205
#2	.00076	.00026	63.910	.00058	.08786	1.1216	-.00020	.03485

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80470	1.1297	-.00024	.00051	.00054	.0148	.07422	2.5793
Stddev	.01175	.0844	.00039	.00048	.00140	.0024	.00607	1.4139
%RSD	1.4604	7.4710	159.03	94.509	256.60	16.22	8.1745	54.818

#1	.81301	1.1893	.00003	.00017	.00153	.0164	.07851	3.5790
#2	.79639	1.0700	-.00052	.00084	-.00044	.0131	.06993	1.5795

Sample Name: J6440-03 Acquired: 12/19/2018 16:12:11 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .97878
Stddev .32296
%RSD 32.996

#1 .75041
#2 1.2072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.2	59984.	3808.2	92.638	3600.0
Stddev	24.3	1295.	293.9	8.561	34.5
%RSD	.93593	2.1587	7.7167	9.2419	.95916

#1	2582.0	59068.	3600.4	86.584	3575.6
#2	2616.4	60899.	4016.0	98.692	3624.4

Sample Name: CCV03 Acquired: 12/19/2018 16:16:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7274	4.5894	4.6386	4.6697	4.6122	9.5551	9.4489	.24001	2.2926
Stddev	.0663	.0663	.0770	.0671	.0793	.0038	.2894	.00300	.0366
%RSD	1.4033	1.4451	1.6596	1.4364	1.7192	.04006	3.0623	1.2509	1.5953
#1	4.6805	4.5425	4.5841	4.6223	4.5561	9.5524	9.2443	.24213	2.2667
#2	4.7743	4.6362	4.6930	4.7172	4.6683	9.5578	9.6535	.23789	2.3184
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.195	.96207	2.3029	1.1791	4.5790	2.4155	23.605	2.3269	1.2148
Stddev	.791	.00614	.0376	.0184	.3107	.0288	.649	.0406	.0173
%RSD	3.2711	.63770	1.6311	1.5632	6.7847	1.1935	2.7477	1.7441	1.4246
#1	23.636	.96641	2.2763	1.1661	4.3593	2.4358	23.146	2.2982	1.2270
#2	24.755	.95773	2.3295	1.1922	4.7987	2.3951	24.063	2.3556	1.2025
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	22.669	2.3933	2.3447	23.228	4.6909	4.7760	4.6060	4.7435	4.6400
Stddev	.705	.0312	.1161	.708	.0770	.1486	.0630	.1073	.0727
%RSD	3.1106	1.3040	4.9524	3.0485	1.6425	3.1119	1.3683	2.2612	1.5664
#1	22.171	2.4153	2.2626	22.727	4.6364	4.6709	4.5615	4.6677	4.5886
#2	23.168	2.3712	2.4268	23.728	4.7454	4.8811	4.6506	4.8194	4.6914
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.7248	4.5826	4.655	4.8235	4.3712	2.6495			
Stddev	.1548	.1345	.056	.1432	.6184	.1022			
%RSD	3.2771	2.9359	1.207	2.9697	14.148	3.8560			
#1	4.6153	4.4875	4.615	4.7223	4.8085	2.5773			
#2	4.8343	4.6777	4.695	4.9248	3.9339	2.7218			

Sample Name: CCV03 Acquired: 12/19/2018 16:16:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.0	58252.	3994.2	95.363	3427.2
Stddev	33.0	920.	63.1	4.390	44.0
%RSD	1.2872	1.5786	1.5802	4.6031	1.2846
#1	2588.4	57602.	4038.8	98.467	3458.4
#2	2541.7	58903.	3949.5	92.260	3396.1

Sample Name: CCB03 Acquired: 12/19/2018 16:19:59 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00087	.00017	.00305	.00165	.01735	-.00111	.00004
Stddev	.00017	.00102	.00013	.00010	.00121	.00187	.00024	.00002
%RSD	83.034	118.08	74.727	3.4304	73.133	10.779	21.418	43.053

#1	.00008	.00014	.00026	.00298	.00251	.01603	-.00127	.00006
#2	.00032	.00159	.00008	.00312	.00080	.01867	-.00094	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00032	.00003	.00013	.00007	.01180	.00002	.04453
Stddev	.00006	.00024	.00015	.00023	.00031	.00355	.00003	.03754
%RSD	64.324	74.672	512.93	178.63	460.41	30.089	158.05	84.302

#1	.00012	-.00049	.00013	-.00003	.00029	.01432	-.00000	.07107
#2	.00005	-.00015	-.00008	.00030	-.00015	.00929	.00004	.01799

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	-.00000	.01350	-.00009	.00008	.03242	.00021	-.00133
Stddev	.00010	.00047	.00251	.00010	.00009	.00735	.00008	.00912
%RSD	25.684	72905.	18.571	112.49	117.72	22.663	36.615	683.46

#1	.00047	.00033	.01528	-.00016	.00015	.02722	.00015	.00512
#2	.00032	-.00033	.01173	-.00002	.00001	.03761	.00026	-.00778

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.00079	-.00022	.00003	-.00102	-.0004	-.00006	.39235
Stddev	.00149	.00365	.00038	.00271	.00060	.0001	.00004	1.2599
%RSD	147.26	462.27	171.11	7857.1	58.777	15.34	64.030	321.12

#1	-.00206	.00337	-.00049	.00195	-.00145	-.0004	-.00009	-.49856
#2	.00004	-.00179	.00005	-.00188	-.00060	-.0004	-.00003	1.2833

Sample Name: CCB03 Acquired: 12/19/2018 16:19:59 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .36484
%RSD 223.74

#1 -.42104
#2 .09492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.0	62018.	4034.5	100.12	3874.6
Stddev	111.8	1005.	25.2	2.19	166.0
%RSD	4.1920	1.6203	.62530	2.1895	4.2847

#1	2588.9	62729.	4016.6	98.567	3757.2
#2	2747.0	61308.	4052.3	101.67	3992.0

Sample Name: J6417-01 Acquired: 12/19/2018 16:24:03 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00019	-.00074	.00197	-.00075	.01409	.01357	.00005
Stddev	.00066	.00037	.00040	.00069	.00218	.00250	.00054	.00002
%RSD	78.543	200.92	54.576	35.079	291.25	17.767	3.9994	43.981
#1	-.00038	.00045	-.00045	.00148	.00079	.01586	.01395	.00006
#2	-.00132	-.00008	-.00102	.00246	-.00229	.01232	.01319	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	27.019	.00003	.00009	.00052	.02124	.00567	15.831
Stddev	.00008	.249	.00005	.00006	.00021	.00121	.00028	.205
%RSD	180.01	.92281	173.63	72.406	39.540	5.6906	4.8894	1.2972
#1	.00001	26.843	-.00001	.00004	.00038	.02210	.00586	15.686
#2	-.00011	27.195	.00007	.00013	.00067	.02039	.00547	15.976
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00002	108.68	.00058	-.00004	4.7846	.00019	.05005
Stddev	.00012	.00012	1.58	.00028	.00014	.0620	.00007	.00600
%RSD	48.650	549.71	1.4558	47.942	348.72	1.2961	34.817	11.995
#1	.00033	-.00006	107.56	.00038	-.00014	4.7407	.00024	.05430
#2	.00016	.00010	109.80	.00078	.00006	4.8284	.00014	.04581
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.060	2.4368	-.00423	.00022	-.00156	.0353	.16855	1.0492
Stddev	.211	.0379	.00058	.00182	.00029	.0016	.00198	1.0903
%RSD	2.0984	1.5559	13.626	840.20	18.855	4.443	1.1743	103.92
#1	10.209	2.4100	-.00383	.00150	-.00135	.0364	.16716	1.8202
#2	9.9107	2.4636	-.00464	-.00107	-.00176	.0342	.16995	.27823

Sample Name: J6417-01 Acquired: 12/19/2018 16:24:03 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.60823
Stddev	.60251
%RSD	99.060

#1	1.0343
#2	.18219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.1	61410.	4039.4	100.34	3635.0
Stddev	24.2	1648.	71.6	.88	45.4
%RSD	.92287	2.6839	1.7728	.88036	1.2495

#1	2605.0	60245.	4090.0	100.97	3602.9
#2	2639.2	62576.	3988.8	99.720	3667.1

Sample Name: J6417-01DUP Acquired: 12/19/2018 16:28:05 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00096	-.00074	.00256	-.00119	.01523	.01350	.00003
Stddev	.00080	.00144	.00100	.00007	.00013	.01133	.00034	.00001
%RSD	591.48	151.20	133.71	2.5719	11.291	74.423	2.5290	44.322
#1	.00043	-.00198	-.00004	.00261	-.00128	.00722	.01326	.00003
#2	-.00070	.00007	-.00145	.00251	-.00109	.02324	.01374	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	26.383	.00014	-.00001	.00040	.02654	.00550	15.559
Stddev	.00004	.181	.00021	.00001	.00015	.00106	.00015	.113
%RSD	115.44	.68629	148.26	149.27	37.924	3.9922	2.6679	.72502
#1	-.00001	26.255	-.00001	-.00002	.00029	.02729	.00561	15.479
#2	-.00006	26.511	.00029	.00000	.00050	.02579	.00540	15.639
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00028	106.77	.00059	-.00013	4.6868	.00030	.03848
Stddev	.00023	.00014	.79	.00005	.00004	.0461	.00009	.00098
%RSD	43.550	50.514	.73568	8.5291	33.682	.98396	28.469	2.5556
#1	.00037	.00018	106.22	.00055	-.00016	4.6541	.00024	.03778
#2	.00069	.00038	107.33	.00062	-.00010	4.7194	.00037	.03917
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.032	2.3660	-.00490	-.00098	-.00042	.0353	.16472	.58853
Stddev	.040	.0149	.00056	.00216	.00065	.0007	.00137	.95597
%RSD	.39845	.62743	11.363	220.87	157.10	1.900	.82870	162.43
#1	10.061	2.3555	-.00529	.00055	.00005	.0358	.16375	1.2645
#2	10.004	2.3765	-.00451	-.00250	-.00088	.0349	.16568	-.08744

Sample Name: J6417-01DUP Acquired: 12/19/2018 16:28:05 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5865
Stddev	.5646
%RSD	35.590

#1	1.1873
#2	1.9858

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.9	62631.	4102.3	102.26	3623.3
Stddev	1.7	1678.	31.7	.94	11.3
%RSD	.06562	2.6787	.77364	.92385	.31184

#1	2602.1	61445.	4124.8	101.59	3615.4
#2	2599.7	63818.	4079.9	102.93	3631.3

Sample Name: J6417-01LX5 Acquired: 12/19/2018 16:32:08 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.00002	.00062	.00434	.00117	.01332	-.00050	.00005
Stddev	.00040	.00037	.00004	.00003	.00005	.01084	.00018	.00000
%RSD	53.680	1493.7	6.2613	.64816	3.8852	81.400	35.397	6.4638

#1	-.00103	.00024	.00064	.00432	.00121	.02099	-.00062	.00005
#2	-.00046	-.00029	.00059	.00436	.00114	.00565	-.00037	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	1.6069	.00045	-.00024	.00009	.01489	.00050	.94299
Stddev	.00003	.2715	.00016	.00013	.00011	.00521	.00005	.13718
%RSD	76.309	16.896	35.673	53.895	131.43	34.992	10.757	14.547

#1	-.00006	1.4149	.00034	-.00033	.00001	.01120	.00046	.84599
#2	-.00002	1.7989	.00056	-.00015	.00017	.01857	.00054	1.0400

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00010	6.9483	.00013	.00000	.41336	-.00012	-.00457
Stddev	.00035	.00040	1.0249	.00023	.00005	.00497	.00026	.00579
%RSD	79.427	403.71	14.750	171.30	2181.8	1.2032	208.58	126.64

#1	.00068	.00039	6.2236	.00029	-.00003	.40984	.00006	-.00866
#2	.00019	-.00019	7.6731	-.00003	.00004	.41687	-.00030	-.00048

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6649	.24398	-.00117	-.00175	.00055	.0047	.01005	.03439
Stddev	.2868	.03462	.00022	.00138	.00126	.0010	.00153	.17093
%RSD	17.229	14.191	19.134	78.960	227.45	21.17	15.202	497.01

#1	1.4620	.21950	-.00133	-.00273	.00145	.0040	.00897	-.08647
#2	1.8677	.26846	-.00101	-.00077	-.00034	.0055	.01113	.15525

Sample Name: J6417-01LX5 Acquired: 12/19/2018 16:32:08 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .06977
 Stddev .04011
 %RSD 57.485

#1 .04141
 #2 .09813

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.6	62483.	4057.3	102.78	3765.1
Stddev	31.7	132.	28.0	1.00	48.6
%RSD	1.2054	.21140	.68999	.97449	1.2919

#1	2654.1	62576.	4037.5	103.49	3799.5
#2	2609.2	62389.	4077.1	102.08	3730.7

Sample Name: J6417-01MS Acquired: 12/19/2018 16:36:14 Type: Unk
Method: P4-ICP2(v2669) 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	.83784	1.9802	1.0018	2.0701	.83758	2.1349	.22490
Stddev	.00142	.0134	.0044	.0148	.00470	.0353	.00768
%RSD	.16908	.67866	.44327	.71382	.56080	1.6538	3.4137

#1	.83684	1.9707	.99865	2.0597	.83425	2.1099	.21947
#2	.83884	1.9897	1.0049	2.0806	.84090	2.1599	.23033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21750	.19933	27.758	.42967	.20556	.32056	2.9717
Stddev	.00207	.00156	.828	.00537	.00147	.00130	.1519
%RSD	.95000	.78135	2.9842	1.2506	.71621	.40628	5.1099

#1	.21604	.19823	27.172	.42587	.20452	.31964	2.8643
#2	.21896	.20043	28.344	.43347	.20660	.32148	3.0791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22189	17.861	.51499	.07096	111.09	.32586	.20385
Stddev	.00217	.492	.00210	.00001	3.15	.00175	.01057
%RSD	.97769	2.7557	.40711	.01719	2.8351	.53648	5.1862

#1	.22036	17.513	.51351	.07095	108.86	.32462	.19637
#2	.22343	18.210	.51647	.07097	113.32	.32709	.21132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.242	.42958	.34880	F 10.307	3.3994	.70572	.20168
Stddev	.467	.00256	.01924	.069	.1072	.00589	.00835
%RSD	3.0660	.59616	5.5148	.67023	3.1522	.83513	4.1397

#1	14.912	.42777	.33520	10.258	3.3236	.70156	.19578
#2	15.573	.43139	.36240	10.356	3.4752	.70989	.20758

Sample Name: J6417-01MS Acquired: 12/19/2018 16:36:14 Type: Unk
Method: P4-ICP2(v2669) 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	.19992	5.964	.36674	3.0296	F<.00000
Stddev	.00772	.051	.01101	.2464	.14032
%RSD	3.8604	.8530	3.0032	8.1326	13.555

#1	.19446	5.928	.35895	2.8553	-.93596
#2	.20538	6.000	.37453	3.2038	-1.1344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.4	58433.	4004.5	100.76	3468.7
Stddev	10.3	521.	97.0	4.92	21.1
%RSD	.40496	.89233	2.4224	4.8802	.60720

#1	2546.7	58802.	4073.1	104.24	3483.6
#2	2532.1	58064.	3935.9	97.283	3453.8

Sample Name: J6417-01MSD Acquired: 12/19/2018 16:40:04 Type: Unk
Method: P4-ICP2(v2669) 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	.81394	1.9179	.96744	2.0186	.81380	2.1281	.21752
Stddev	.02180	.0341	.01854	.0614	.02474	.0371	.00233
%RSD	2.6778	1.7768	1.9160	3.0420	3.0405	1.7432	1.0728

#1	.82935	1.9420	.98055	2.0620	.83130	2.1543	.21587
#2	.79853	1.8938	.95433	1.9752	.79630	2.1018	.21917

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21691	.19279	26.904	.42982	.19760	.31138	2.8419
Stddev	.00170	.00362	.358	.00161	.00333	.00810	.0273
%RSD	.78476	1.8767	1.3306	.37440	1.6829	2.6022	.96112

#1	.21812	.19534	26.651	.43096	.19996	.31710	2.8226
#2	.21571	.19023	27.157	.42868	.19525	.30565	2.8612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22171	17.293	.49839	.07051	107.12	.32602	.19635
Stddev	.00148	.386	.00994	.00041	2.56	.00247	.00361
%RSD	.66820	2.2345	1.9953	.58171	2.3875	.75782	1.8397

#1	.22276	17.020	.50542	.07080	105.31	.32777	.19379
#2	.22066	17.566	.49136	.07022	108.93	.32427	.19890

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.673	.41751	.32501	9.9818	3.2920	.68119	.19515
Stddev	.340	.01216	.01211	.2027	.0753	.01352	.00041
%RSD	2.3180	2.9127	3.7255	2.0306	2.2863	1.9854	.20957

#1	14.432	.42611	.31645	10.125	3.2388	.69076	.19544
#2	14.913	.40891	.33357	9.8385	3.3453	.67163	.19486

Sample Name: J6417-01MSD Acquired: 12/19/2018 16:40:04 Type: Unk
 Method: P4-ICP2(v2669) 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	.19345	5.767	.35354	3.3555	F<.00000
Stddev	.00362	.110	.00821	.2508	.27323
%RSD	1.8720	1.908	2.3225	7.4754	23.186

#1	.19089	5.844	.34773	3.5328	-.98523
#2	.19601	5.689	.35934	3.1781	-1.3716

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.2	58146.	4119.3	103.89	3573.2
Stddev	67.6	166.	84.4	1.69	66.8
%RSD	2.6028	.28570	2.0478	1.6285	1.8706

#1	2549.4	58028.	4178.9	105.09	3525.9
#2	2645.0	58263.	4059.6	102.69	3620.5

Sample Name: J6417-01A Acquired: 12/19/2018 16:43:53 Type: Unk
Method: P4-ICP2(v2669) 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	.82406	1.9282	.97853	2.0327	.82195	1.9503	.21857
Stddev	.02846	.0755	.03600	.0769	.03292	.0376	.00242
%RSD	3.4539	3.9144	3.6789	3.7823	4.0046	1.9253	1.1094

#1	.80393	1.8748	.95307	1.9783	.79867	1.9769	.22029
#2	.84418	1.9816	1.0040	2.0871	.84523	1.9238	.21686

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19847	.19452	26.990	.39410	.19935	.31477	2.8979
Stddev	.00293	.00710	.255	.00687	.00701	.01112	.0730
%RSD	1.4754	3.6518	.94497	1.7436	3.5186	3.5326	2.5180

#1	.20054	.18949	27.170	.39896	.19439	.30691	2.9495
#2	.19640	.19954	26.810	.38924	.20431	.32264	2.8463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20282	17.447	.50092	.06364	108.30	.29732	.20045
Stddev	.00333	.130	.01840	.00212	1.37	.00508	.00618
%RSD	1.6407	.74351	3.6726	3.3243	1.2690	1.7081	3.0839

#1	.20518	17.539	.48791	.06514	109.27	.30091	.20482
#2	.20047	17.355	.51393	.06214	107.33	.29373	.19608

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.792	.42090	.33740	F 10.075	3.2743	.68841	.19733
Stddev	.196	.01534	.00719	.356	.0637	.02592	.00313
%RSD	1.3222	3.6456	2.1325	3.5293	1.9449	3.7657	1.5881

#1	14.930	.41005	.34248	9.8240	3.3194	.67008	.19955
#2	14.653	.43175	.33231	10.327	3.2293	.70674	.19512

Sample Name: J6417-01A Acquired: 12/19/2018 16:43:53 Type: Unk
 Method: P4-ICP2(v2669) 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	.19362	5.809	.35557	.53509	F<.00000
Stddev	.00165	.209	.00372	.67728	.51091
%RSD	.85030	3.595	1.0464	126.57	40.353

#1	.19478	5.662	.35820	1.0140	-1.6273
#2	.19245	5.957	.35294	.05619	-.90481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.3	62415.	4069.2	101.12	3516.5
Stddev	78.7	958.	62.0	3.54	116.9
%RSD	3.0829	1.5349	1.5238	3.4974	3.3238

#1	2609.0	61738.	4025.4	98.616	3599.2
#2	2497.7	63093.	4113.1	103.62	3433.9

Sample Name: PB115844BL Acquired: 12/19/2018 16:47:43 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00005	.00134	.00435	.00173	.00871	-.00189	.00009
Stddev	.00177	.00133	.00007	.00062	.00156	.00857	.00044	.00002
%RSD	231.00	2523.8	5.1290	14.316	90.268	98.286	23.219	17.470

#1	-.00202	-.00099	.00139	.00479	.00284	.00266	-.00158	.00008
#2	.00049	.00089	.00129	.00391	.00063	.01477	-.00220	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00220	.00007	-.00011	.00023	-.00698	-.00007	.02416
Stddev	.00007	.00623	.00024	.00005	.00011	.00377	.00001	.00889
%RSD	145.71	283.92	358.91	40.976	50.372	54.065	19.180	36.786

#1	-.00000	-.00660	.00024	-.00008	.00031	-.00431	-.00008	.03044
#2	.00010	.00221	-.00010	-.00014	.00015	-.00964	-.00006	.01788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00050	.08845	.00033	.00011	.09234	-.00006	-.00653
Stddev	.00012	.00006	.00075	.00014	.00012	.01342	.00017	.01632
%RSD	28.115	12.854	.84621	41.392	104.87	14.535	279.30	249.76

#1	.00033	.00055	.08898	.00043	.00020	.08285	.00006	.00500
#2	.00050	.00046	.08792	.00023	.00003	.10183	-.00018	-.01807

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01565	-.00354	-.00056	.00038	.00057	-.0010	.00001	.07011
Stddev	.00310	.00173	.00004	.00038	.00025	.0008	.00003	.26703
%RSD	19.832	48.853	7.7869	100.05	44.229	79.41	284.28	380.85

#1	.01785	-.00476	-.00053	.00064	.00075	-.0016	-.00001	.25894
#2	.01346	-.00232	-.00059	.00011	.00039	-.0004	.00004	-.11871

Sample Name: PB115844BL Acquired: 12/19/2018 16:47:43 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .28025
Stddev .09706
%RSD 34.632

#1 .21162
#2 .34888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.6	63274.	4093.6	102.98	3846.4
Stddev	10.7	465.	47.0	.01	6.9
%RSD	.40567	.73566	1.1481	.00572	.18009

#1	2631.1	62945.	4060.3	102.98	3841.5
#2	2646.2	63603.	4126.8	102.98	3851.3

Sample Name: PB115844BS Acquired: 12/19/2018 16:51:49 Type: Unk
Method: P4-ICP2(v2669) 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	.71840	1.7918	.89628	1.7609	.71473	1.9067	.20540
Stddev	.00674	.0167	.00862	.0117	.00476	.0427	.01347
%RSD	.93849	.93154	.96226	.66579	.66642	2.2401	6.5560

#1	.71363	1.7800	.89018	1.7526	.71136	1.8765	.21492
#2	.72316	1.8036	.90238	1.7692	.71810	1.9369	.19588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18448	.17343	1.0475	.40612	.18394	.29459	2.8115
Stddev	.00564	.00162	.0654	.01355	.00216	.00162	.2233
%RSD	3.0551	.93690	6.2394	3.3371	1.1764	.54830	7.9419

#1	.18049	.17228	1.0937	.39654	.18241	.29345	2.9694
#2	.18846	.17458	1.0013	.41570	.18547	.29573	2.6536

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20521	2.0582	.46292	.06917	2.9866	.29837	.19030
Stddev	.00515	.0888	.00255	.00181	.1595	.00780	.01560
%RSD	2.5118	4.3127	.55153	2.6126	5.3410	2.6149	8.1960

#1	.20156	2.1210	.46112	.06790	3.0994	.29285	.20133
#2	.20885	1.9955	.46473	.07045	2.8738	.30388	.17927

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9604	.37639	.28489	.10727	.89247	.60453	.19123
Stddev	.5468	.00167	.03136	.00139	.05202	.00518	.01071
%RSD	5.4902	.44438	11.007	1.2971	5.8291	.85662	5.5984

#1	10.347	.37521	.30707	.10629	.92925	.60087	.19880
#2	9.5737	.37757	.26272	.10825	.85568	.60819	.18366

Sample Name: PB115844BS Acquired: 12/19/2018 16:51:49 Type: Unk
 Method: P4-ICP2(v2669) 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	.19826	4.790	.20137	2.5075	F<.00000
Stddev	.01309	.060	.01191	.9774	.31192
%RSD	6.6018	1.259	5.9132	38.977	9.2640

#1	.20751	4.747	.20979	1.8165	-3.5876
#2	.18900	4.832	.19295	3.1986	-3.1465

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.5	60504.	3873.4	98.333	3794.9
Stddev	5.4	1312.	223.8	8.250	23.0
%RSD	.20413	2.1680	5.7787	8.3894	.60713

#1	2654.3	61432.	3715.1	92.500	3811.2
#2	2646.6	59577.	4031.7	104.17	3778.6

Sample Name: PB115838BL Acquired: 12/19/2018 16:55:40 Type: Unk
Method: P4-ICP2(v2669) 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	-.00035	-.00012	.00013	.00304	.00146	.00881	-.00024
Stddev	.00074	.00025	.00039	.00326	.00119	.01235	.00047
%RSD	207.19	213.03	297.22	107.39	81.472	140.23	196.14

#1	-.00087	.00006	.00041	.00534	.00230	.01754	-.00057
#2	.00017	-.00030	-.00015	.00073	.00062	.00007	.00009

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	-.00286	.00048	.00003	.00047	-.00008
Stddev	.00009	.00003	.01254	.00040	.00009	.00005	.00057
%RSD	566.77	99.596	438.78	83.190	292.69	11.458	731.80

#1	.00008	.00001	.00601	.00020	.00009	.00043	.00033
#2	-.00005	.00004	-.01173	.00076	-.00003	.00051	-.00048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01469	.00073	.00016	.01028	-.00020	-.00009
Stddev	.00003	.03517	.00030	.00079	.00001	.00043	.00018
%RSD	103.78	239.46	41.619	481.61	.07576	214.62	207.86

#1	-.00001	.01018	.00052	.00072	.01029	.00010	.00004
#2	-.00005	-.03955	.00095	-.00039	.01028	-.00050	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01340	.00008	-.01039	-.00053	-.00124	-.00088	.00124
Stddev	.01017	.00001	.00373	.00186	.00012	.00070	.00026
%RSD	75.923	8.8156	35.936	347.66	9.5339	80.016	21.081

#1	.00621	.00008	-.00775	.00078	-.00116	-.00038	.00142
#2	.02059	.00009	-.01303	-.00185	-.00133	-.00137	.00106

Sample Name: PB115838BL Acquired: 12/19/2018 16:55:40 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00021	-0.0010	-0.00005	F .45399	F<.00000
Stddev	.00095	.0006	.00014	.11324	.54138
%RSD	454.42	65.69	295.61	24.944	155.65

#1	.00046	-0.0005	-0.00015	.53406	.03499
#2	-0.00088	-0.0014	.00005	.37391	-.73064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.9	62735.	4028.5	101.06	3914.0
Stddev	13.3	19.	26.7	.80	19.8
%RSD	.49576	.02954	.66389	.79300	.50502

#1	2699.3	62722.	4009.6	100.49	3928.0
#2	2680.4	62749.	4047.4	101.63	3900.1

Sample Name: PB115838BS Acquired: 12/19/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2669) 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	.69812	1.7569	.87471	1.7074	.69629	1.7637	.19596
Stddev	.01135	.0555	.02531	.0399	.01486	.0575	.00009
%RSD	1.6258	3.1578	2.8930	2.3396	2.1337	3.2611	.04580

#1	.70615	1.7962	.89260	1.7357	.70680	1.8044	.19590
#2	.69010	1.7177	.85682	1.6792	.68579	1.7230	.19603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16875	.17022	.99694	.37383	.18208	.28738	2.7059
Stddev	.00663	.00553	.01097	.01485	.00616	.00646	.0020
%RSD	3.9298	3.2490	1.1008	3.9719	3.3840	2.2473	.07281

#1	.17344	.17413	1.0047	.38433	.18644	.29194	2.7045
#2	.16407	.16631	.98918	.36333	.17772	.28281	2.7073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18956	1.9809	.45609	.06276	2.8547	.27700	.17903
Stddev	.00710	.0496	.01274	.00376	.0032	.01062	.00203
%RSD	3.7475	2.5055	2.7931	5.9911	.11178	3.8342	1.1355

#1	.19458	2.0160	.46509	.06542	2.8525	.28451	.17759
#2	.18454	1.9458	.44708	.06011	2.8570	.26949	.18046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4521	.36994	.27812	F -.00522	.84052	.58807	.18071
Stddev	.0182	.00929	.00092	.00030	.00581	.01577	.00154
%RSD	.19308	2.5104	.33084	5.7106	.69133	2.6818	.85382

#1	9.4392	.37650	.27877	-.00501	.84463	.59923	.18180
#2	9.4650	.36337	.27747	-.00543	.83641	.57692	.17962

Sample Name: PB115838BS Acquired: 12/19/2018 16:59:45 Type: Unk
Method: P4-ICP2(v2669) 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	.18809	F 4.664	.19090	F .63353	F<.00000
Stddev	.00270	.148	.00112	1.6143	.26592
%RSD	1.4366	3.166	.58722	254.80	9.5698

#1	.18618	4.769	.19010	1.7750	-2.5907
#2	.19000	4.560	.19169	-.50792	-2.9668

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.5	62554.	3872.2	98.225	3709.6
Stddev	51.2	2293.	3.2	1.214	110.4
%RSD	1.9625	3.6659	.08168	1.2358	2.9760

#1	2571.3	60933.	3869.9	99.083	3631.6
#2	2643.7	64176.	3874.4	97.367	3787.7

Sample Name: CCV04 Acquired: 12/19/2018 17:03:35 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7394	4.6585	4.6977	4.6869	4.6562	9.3747	9.5303	.23745
Stddev	.0320	.0656	.0541	.0405	.0262	.2676	.1982	.00587
%RSD	.67448	1.4074	1.1527	.86506	.56257	2.8546	2.0796	2.4718
#1	4.7168	4.6121	4.6594	4.6582	4.6377	9.1854	9.6704	.23330
#2	4.7620	4.7048	4.7360	4.7155	4.6747	9.5639	9.3901	.24160
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3252	24.109	.94942	2.3354	1.1900	4.6201	2.3993	23.918
Stddev	.0270	.381	.02265	.0293	.0078	.0404	.0558	.319
%RSD	1.1592	1.5792	2.3861	1.2554	.65337	.87473	2.3262	1.3345
#1	2.3062	24.378	.93341	2.3146	1.1845	4.6487	2.3599	24.144
#2	2.3443	23.839	.96544	2.3561	1.1955	4.5915	2.4388	23.692
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3547	1.1986	23.027	2.3762	2.3833	23.474	4.7405	4.8286
Stddev	.0266	.0221	.450	.0498	.0360	.447	.0320	.0678
%RSD	1.1309	1.8467	1.9521	2.0977	1.5091	1.9022	.67551	1.4045
#1	2.3359	1.1830	23.345	2.3410	2.4088	23.789	4.7178	4.8765
#2	2.3735	1.2143	22.709	2.4115	2.3579	23.158	4.7631	4.7806
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6314	4.7880	4.6996	4.7457	4.6396	4.692	4.8241	F 2.9897
Stddev	.0419	.0788	.0571	.0388	.0983	.061	.1069	.8074
%RSD	.90412	1.6456	1.2157	.81649	2.1181	1.301	2.2165	27.006
#1	4.6018	4.8438	4.6592	4.7731	4.7091	4.649	4.8997	2.4187
#2	4.6610	4.7323	4.7400	4.7183	4.5701	4.735	4.7485	3.5606

Sample Name: CCV04 Acquired: 12/19/2018 17:03:35 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2276
Stddev	.5708
%RSD	25.624

#1	1.8240
#2	2.6313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.7	59590.	3990.7	94.640	3434.2
Stddev	12.7	1165.	81.9	1.612	31.4
%RSD	.49294	1.9552	2.0522	1.7034	.91437

#1	2585.7	60414.	3932.8	93.500	3456.4
#2	2567.7	58766.	4048.6	95.780	3412.0

Sample Name: CCB04 Acquired: 12/19/2018 17:07:19 Type: Unk
Method: P4-ICP2(v2669) 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	-.00184	.00104	.00065	F .00532	-.00033	-.00329	-.00067
Stddev	.00039	.00026	.00085	.00244	.00015	.01500	.00027
%RSD	21.239	25.016	130.46	45.842	45.418	455.79	41.118

#1	-.00212	.00085	.00005	.00360	-.00044	-.01390	-.00086
#2	-.00156	.00122	.00125	.00705	-.00023	.00731	-.00047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00003	-.00661	-.00019	.00001	-.00003	-.00399
Stddev	.00005	.00008	.01552	.00005	.00012	.00068	.00873
%RSD	218.70	264.09	234.61	24.415	1236.4	1935.3	218.97

#1	.00006	.00003	-.01759	-.00022	-.00008	.00044	.00219
#2	-.00001	-.00008	.00436	-.00016	.00010	-.00051	-.01016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00300	.00056	.00063	.00440	-.00015	-.00004
Stddev	.00002	.05589	.00033	.00017	.01404	.00000	.00001
%RSD	134.51	1861.7	59.058	27.618	319.39	1.0297	33.861

#1	-.00002	.03652	.00079	.00076	-.00553	-.00015	-.00005
#2	-.00000	-.04252	.00032	.00051	.01433	-.00015	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	.00040	.00163	-.00123	-.00067	.00008	.00095
Stddev	.00949	.00002	.00264	.00075	.00253	.00043	.00024
%RSD	184.43	5.2368	161.55	60.767	377.78	515.24	24.785

#1	-.00157	.00038	-.00023	-.00176	.00112	.00038	.00079
#2	.01186	.00041	.00350	-.00070	-.00246	-.00022	.00112

Sample Name: CCB04 Acquired: 12/19/2018 17:07:19 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00234	-0.0019	-0.00001	F<.00000	F .37096
Stddev	.00074	.0004	.00007	1.4916	.77874
%RSD	31.570	21.63	624.56	91.097	209.93

#1	-0.00181	-0.0016	-0.00006	-0.58267	-0.17969
#2	-0.00286	-0.0022	.00004	-2.6921	.92162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.8	64335.	4015.0	102.13	3925.0
Stddev	12.2	2171.	37.0	.82	9.4
%RSD	.44901	3.3752	.92252	.80773	.24047

#1	2702.2	62799.	3988.8	101.55	3918.3
#2	2719.4	65870.	4041.2	102.72	3931.7

Sample Name: PB115843BL Acquired: 12/19/2018 17:11:24 Type: Unk
Method: P4-ICP2(v2669) 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	-.00112	-.00032	-.00027	.00320	.00073	.01555	-.00129
Stddev	.00011	.00051	.00031	.00201	.00015	.00167	.00058
%RSD	9.3915	159.22	113.81	62.885	20.043	10.709	45.081

#1	-.00105	.00004	-.00005	.00177	.00063	.01437	-.00088
#2	-.00120	-.00067	-.00048	.00462	.00084	.01673	-.00170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	.00647	.00009	-.00011	-.00015	.00104
Stddev	.00003	.00005	.00186	.00034	.00029	.00024	.01070
%RSD	10541.	118.79	28.721	380.41	259.78	160.80	1029.4

#1	-.00002	.00008	.00778	-.00015	-.00032	-.00032	.00861
#2	.00002	.00001	.00516	.00033	.00009	.00002	-.00653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.01363	.00069	.00020	-.00899	.00007	-.00030
Stddev	.00001	.01589	.00038	.00035	.00227	.00034	.00008
%RSD	10.124	116.59	54.530	173.53	25.313	485.87	25.916

#1	-.00007	.00239	.00096	-.00005	-.00738	.00031	-.00025
#2	-.00008	.02486	.00043	.00045	-.01060	-.00017	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02764	.00014	-.00106	-.00374	.00114	-.00086	.00049
Stddev	.02905	.00004	.00675	.00110	.00008	.00018	.00109
%RSD	105.11	30.201	635.82	29.450	6.6372	20.614	223.14

#1	.04818	.00017	.00371	-.00296	.00108	-.00098	.00126
#2	.00710	.00011	-.00584	-.00452	.00119	-.00073	-.00028

Sample Name: PB115843BL Acquired: 12/19/2018 17:11:24 Type: Unk
Method: P4-ICP2(v2669) 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	-.00107	-.0002	-.00013	F<.00000	<.00000
Stddev	.00019	.0009	.00008	.48558	.17578
%RSD	17.886	445.2	62.016	36.086	6762.6
#1	-.00093	-.0009	-.00007	-1.0023	.12170
#2	-.00120	.0005	-.00018	-1.6890	-.12690
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.8	64078.	3984.0	98.454	3919.6
Stddev	21.7	580.	69.7	.902	42.4
%RSD	.79984	.90582	1.7501	.91572	1.0817
#1	2724.2	63667.	3934.7	99.092	3949.6
#2	2693.5	64488.	4033.3	97.817	3889.7

Sample Name: PB115843BS Acquired: 12/19/2018 17:15:27 Type: Unk
Method: P4-ICP2(v2669) 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	.68184	1.7087	.85788	1.6682	.68030	1.7318	.18518
Stddev	.02042	.0420	.02154	.0302	.01465	.0309	.00924
%RSD	2.9947	2.4552	2.5104	1.8079	2.1541	1.7832	4.9917

#1	.66740	1.6791	.84265	1.6469	.66994	1.7537	.19172
#2	.69627	1.7384	.87311	1.6896	.69067	1.7100	.17864

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16492	.16587	.92626	.36639	.17734	.28133	2.6124
Stddev	.00281	.00450	.06189	.00756	.00499	.00671	.2237
%RSD	1.7018	2.7124	6.6819	2.0625	2.8158	2.3844	8.5643

#1	.16690	.16269	.97003	.37173	.17381	.27659	2.7706
#2	.16293	.16905	.88250	.36105	.18087	.28607	2.4542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18660	1.8201	.44433	.06083	2.6783	.27124	.17252
Stddev	.00295	.0970	.01196	.00154	.1248	.00556	.01455
%RSD	1.5787	5.3315	2.6927	2.5353	4.6601	2.0486	8.4331

#1	.18869	1.8887	.43587	.06192	2.7665	.27517	.18281
#2	.18452	1.7515	.45279	.05974	2.5900	.26731	.16223

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8689	.36034	.24956	F -.00062	.80580	.57341	.16845
Stddev	.3846	.01023	.00466	.00180	.04795	.01593	.00978
%RSD	4.3363	2.8380	1.8661	289.00	5.9511	2.7787	5.8052

#1	9.1408	.35311	.24627	.00065	.83970	.56214	.17536
#2	8.5969	.36757	.25285	-.00189	.77189	.58467	.16153

Sample Name: PB115843BS Acquired: 12/19/2018 17:15:27 Type: Unk
 Method: P4-ICP2(v2669) 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	.17732	F 4.526	.17847	F<.00000	F<.00000
Stddev	.00993	.116	.00835	.25389	.36649
%RSD	5.6000	2.563	4.6774	118.99	11.925

#1	.18434	4.444	.18438	-.03384	-2.8142
#2	.17030	4.608	.17257	-.39290	-3.3325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.1	62352.	3997.7	99.833	3692.7
Stddev	43.9	955.	205.1	8.957	71.7
%RSD	1.6954	1.5316	5.1305	8.9716	1.9428

#1	2618.2	61676.	3852.7	93.500	3743.4
#2	2556.1	63027.	4142.7	106.17	3641.9

Sample Name: PB115857BL Acquired: 12/19/2018 17:19:18 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00033	-.00021	.00229	-.00015	.01744	-.00163	.00004
Stddev	.00076	.00021	.00070	.00109	.00131	.00201	.00068	.00005
%RSD	74.012	62.820	328.19	47.608	862.25	11.506	41.842	129.72

#1	-.00049	-.00048	-.00071	.00152	.00077	.01602	-.00212	.00007
#2	-.00157	-.00018	.00028	.00306	-.00108	.01886	-.00115	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00482	.00042	.00007	-.00008	-.00676	-.00003	-.00191
Stddev	.00008	.01625	.00015	.00012	.00003	.00419	.00004	.00800
%RSD	582.12	337.36	36.507	163.54	34.451	61.891	132.82	418.11

#1	.00007	-.01630	.00053	-.00001	-.00006	-.00972	-.00006	.00374
#2	-.00004	.00667	.00031	.00015	-.00010	-.00380	-.00000	-.00757

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00014	-.01240	-.00030	-.00030	-.01559	-.00002	-.00211
Stddev	.00021	.00010	.00311	.00025	.00007	.00001	.00004	.00974
%RSD	66.745	72.618	25.125	81.012	23.996	.09318	201.66	460.74

#1	.00047	-.00007	-.01019	-.00013	-.00025	-.01558	.00001	-.00900
#2	.00017	-.00021	-.01460	-.00048	-.00036	-.01560	-.00005	.00477

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00567	-.00153	-.00124	-.00010	-.00129	-.0011	-.00005	F .84790
Stddev	.00206	.00304	.00060	.00103	.00139	.0023	.00002	1.4181
%RSD	36.323	198.84	48.422	1010.4	108.29	201.4	46.377	167.25

#1	-.00712	.00062	-.00082	-.00083	-.00227	-.0027	-.00003	-.15483
#2	-.00421	-.00368	-.00166	.00063	-.00030	.0005	-.00007	1.8506

Sample Name: PB115857BL Acquired: 12/19/2018 17:19:18 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .30453
Stddev .62644
%RSD 205.71

#1 -.13843
#2 .74750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.9	62553.	4014.0	99.971	3881.6
Stddev	24.4	1462.	102.5	4.060	45.3
%RSD	.91081	2.3373	2.5523	4.0612	1.1661

#1	2658.7	63587.	3941.5	97.100	3849.6
#2	2693.1	61519.	4086.4	102.84	3913.7

Sample Name: PB115857BS Acquired: 12/19/2018 17:23:23 Type: Unk
Method: P4-ICP2(v2669) 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	.73208	1.8411	.91948	1.7830	.72303	1.8918	.20747
Stddev	.00333	.0026	.00199	.0062	.00356	.0191	.00001
%RSD	.45502	.14053	.21623	.34478	.49218	1.0076	.00244

#1	.73444	1.8393	.92088	1.7786	.72052	1.8783	.20746
#2	.72973	1.8430	.91807	1.7873	.72555	1.9053	.20747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18114	.17798	1.0726	.40305	.19039	.30186	2.9016
Stddev	.00053	.00039	.0279	.00257	.00026	.00054	.0135
%RSD	.29488	.22110	2.6022	.63796	.13450	.17839	.46469

#1	.18076	.17770	1.0924	.40123	.19021	.30224	2.9111
#2	.18152	.17826	1.0529	.40487	.19057	.30148	2.8921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20457	2.0861	.47744	.06777	3.0045	.29890	.19325
Stddev	.00038	.0120	.00034	.00009	.0010	.00188	.00027
%RSD	.18363	.57282	.07131	.13230	.03468	.62805	.14194

#1	.20431	2.0776	.47768	.06771	3.0052	.29758	.19344
#2	.20484	2.0945	.47720	.06783	3.0038	.30023	.19306

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9794	.38510	.28999	F -.00695	.90948	.60838	.19316
Stddev	.0107	.00157	.00286	.00002	.00219	.00184	.00098
%RSD	.10733	.40764	.98485	.27180	.24057	.30244	.50823

#1	9.9869	.38399	.29201	-.00697	.90794	.60708	.19385
#2	9.9718	.38621	.28797	-.00694	.91103	.60968	.19247

Sample Name: PB115857BS Acquired: 12/19/2018 17:23:23 Type: Unk
Method: P4-ICP2(v2669) 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	.19977	4.855	.20223	F 1.2930	F<.00000
Stddev	.00038	.005	.00074	.1848	.07146
%RSD	.18988	.1109	.36359	14.294	2.7338

#1	.19950	4.859	.20171	1.1624	-2.6647
#2	.20004	4.851	.20275	1.4237	-2.5636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.6	61448.	3827.2	95.696	3727.6
Stddev	11.1	16.	8.2	.831	22.7
%RSD	.42824	.02524	.21491	.86822	.60965

#1	2591.7	61459.	3821.4	95.108	3711.5
#2	2607.5	61437.	3833.0	96.283	3743.7

Sample Name: PB115857TB Acquired: 12/19/2018 17:27:15 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00295	-.00055	.00643	.00028	.00930	-.00064	-.00006
Stddev	.00116	.00158	.00060	.00058	.00031	.00353	.00008	.00000
%RSD	45.018	53.714	110.26	8.9727	109.22	37.904	11.955	3.9084
#1	-.00176	-.00183	-.00097	.00684	.00006	.00681	-.00069	-.00006
#2	-.00341	-.00407	-.00012	.00603	.00050	.01179	-.00058	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.01277	.00076	.00005	.00054	.01116	-.00003	-.00702
Stddev	.00003	.00169	.00004	.00002	.00013	.00690	.00004	.04450
%RSD	26.444	13.233	5.6978	38.729	24.711	61.867	107.71	633.71
#1	-.00012	.01157	.00079	.00007	.00064	.01604	-.00001	.02444
#2	-.00008	.01396	.00073	.00004	.00045	.00628	-.00006	-.03849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00359	F 411.22	-.00004	.00174	.08473	.00016	.00091
Stddev	.00009	.00097	6.28	.00033	.00003	.00593	.00003	.00051
%RSD	2.4998	27.169	1.5265	853.15	1.7960	7.0026	20.878	56.671
#1	.00369	.00427	415.66	-.00027	.00172	.08054	.00018	.00127
#2	.00382	.00290	406.78	.00019	.00176	.08893	.00013	.00054
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	.00401	.00004	.00040	-.00032	-.0026	.00002	F 5.5691
Stddev	.00156	.00097	.00037	.00147	.00154	.0001	.00009	.3196
%RSD	64.687	24.244	827.38	367.41	483.56	3.008	442.72	5.7389
#1	.00131	.00332	.00031	-.00064	-.00140	-.0027	-.00004	5.7951
#2	.00352	.00470	-.00022	.00144	.00077	-.0026	.00008	5.3431

Sample Name: PB115857TB Acquired: 12/19/2018 17:27:15 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.0176
 Stddev .1878
 %RSD 9.3082

#1 1.8848
 #2 2.1504

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.6	55687.	3799.8	94.833	3225.2
Stddev	2.4	78.	52.7	.955	5.9
%RSD	.09723	.14042	1.3877	1.0066	.18424

#1	2429.9	55632.	3762.5	94.158	3229.4
#2	2433.3	55742.	3837.0	95.508	3221.0

Sample Name: CCV05 Acquired: 12/19/2018 17:43:37 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8466	4.8058	4.8379	4.7671	4.7787	9.4054	9.9988	.23688
Stddev	.0127	.0091	.0026	.0226	.0051	.0360	.0404	.00127
%RSD	.26145	.18884	.05372	.47353	.10730	.38252	.40415	.53705
#1	4.8376	4.7994	4.8360	4.7511	4.7751	9.3800	10.027	.23778
#2	4.8555	4.8122	4.8397	4.7831	4.7823	9.4309	9.9703	.23598
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4036	25.724	.97174	2.3995	1.2243	4.9425	2.4087	25.373
Stddev	.0005	.008	.00264	.0024	.0053	.1434	.0108	.321
%RSD	.01928	.03227	.27173	.09815	.43662	2.9003	.44829	1.2658
#1	2.4033	25.718	.97360	2.4012	1.2205	4.8411	2.4164	25.146
#2	2.4039	25.730	.96987	2.3979	1.2280	5.0438	2.4011	25.600
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4139	1.2085	24.289	2.3788	2.5268	24.634	4.8773	5.0624
Stddev	.0008	.0120	.084	.0102	.0476	.185	.0189	.0012
%RSD	.03174	.99251	.34556	.43021	1.8857	.75123	.38731	.02336
#1	2.4145	1.2170	24.349	2.3860	2.4931	24.765	4.8640	5.0633
#2	2.4134	1.2001	24.230	2.3715	2.5605	24.503	4.8907	5.0616
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7259	5.0666	4.8467	4.9951	4.8895	4.806	5.1010	F 2.2019
Stddev	.0025	.0418	.0056	.0220	.0197	.008	.0230	.3438
%RSD	.05340	.82568	.11511	.43995	.40315	.1625	.45122	15.613
#1	4.7277	5.0962	4.8506	5.0106	4.9034	4.812	5.1173	2.4449
#2	4.7241	5.0370	4.8427	4.9796	4.8756	4.801	5.0847	1.9588

Sample Name: CCV05 Acquired: 12/19/2018 17:43:37 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.5494
Stddev	.0454
%RSD	1.2794

#1	3.5173
#2	3.5815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.3	61152.	3879.9	92.403	3457.9
Stddev	8.7	293.	27.5	1.670	1.7
%RSD	.33690	.47959	.70960	1.8071	.04953

#1	2596.5	60945.	3860.4	93.583	3456.7
#2	2584.2	61359.	3899.3	91.222	3459.1

Sample Name: CCB05 Acquired: 12/19/2018 17:47:22 Type: Unk
Method: P4-ICP2(v2669) 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	.00005	.00073	.00046	.00194	.00040	.00948	.00030
Stddev	.00017	.00016	.00039	.00068	.00102	.00157	.00001
%RSD	349.18	21.201	85.846	35.309	255.26	16.592	1.8589

#1	-.00007	.00062	.00018	.00242	.00112	.00837	.00030
#2	.00017	.00084	.00073	.00145	-.00032	.01059	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00003	-.00256	-.00015	.00003	.00014	.00481
Stddev	.00001	.00003	.00427	.00032	.00009	.00045	.01698
%RSD	230.96	95.159	166.75	211.73	342.43	330.76	353.25

#1	.00002	-.00001	.00046	-.00038	.00009	.00046	.01681
#2	-.00000	-.00005	-.00559	.00008	-.00004	-.00018	-.00720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01352	.00075	.00024	.04032	-.00006	-.00006
Stddev	.00000	.00166	.00035	.00020	.00366	.00028	.00002
%RSD	29.695	12.267	46.994	84.979	9.0852	506.18	38.629

#1	.00001	.01235	.00050	.00009	.03773	.00014	-.00004
#2	.00001	.01469	.00100	.00038	.04291	-.00025	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01290	.00040	.00047	-.00260	-.00263	.00009	.00119
Stddev	.00755	.00048	.00861	.00181	.00263	.00093	.00160
%RSD	58.511	119.90	1843.0	69.468	99.883	1044.8	133.91

#1	.01823	.00074	-.00562	-.00132	-.00077	-.00057	.00232
#2	.00756	.00006	.00655	-.00388	-.00449	.00075	.00006

Sample Name: CCB05 Acquired: 12/19/2018 17:47:22 Type: Unk
 Method: P4-ICP2(v2669) 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	.00024	-.0009	.00008	F<.00000	F .47641
Stddev	.00101	.0008	.00003	3.2414	.55613
%RSD	423.71	87.60	33.040	440.71	116.74

#1	-.00047	-.0014	.00006	-3.0275	.08316
#2	.00095	-.0003	.00010	1.5565	.86965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.1	62436.	3995.7	100.06	3986.3
Stddev	76.4	2884.	25.3	.39	119.6
%RSD	2.7864	4.6195	.63282	.38868	2.9997

#1	2687.1	64476.	3977.8	100.33	3901.7
#2	2795.1	60397.	4013.5	99.783	4070.9

Sample Name: J6465-01 Acquired: 12/19/2018 17:51:27 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB01_12-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02092	-.00141	.00371	-.00939	.00248	11.859	.03261	.00122
Stddev	.00239	.00086	.00068	.00297	.00086	.426	.00128	.00011
%RSD	11.412	60.766	18.331	31.589	34.842	3.5885	3.9198	8.8346

#1	.02261	-.00202	.00419	-.01149	.00309	12.160	.03352	.00129
#2	.01923	-.00081	.00323	-.00729	.00187	11.558	.03171	.00114

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	.55598	.05408	.00619	.03183	42.859	.37719	1.8611
Stddev	.00004	.01920	.00364	.00012	.00136	.110	.02026	.0359
%RSD	7.1578	3.4536	6.7218	1.9300	4.2625	.25551	5.3719	1.9282

#1	-.00056	.56955	.05665	.00627	.03279	42.936	.39152	1.8865
#2	-.00062	.54240	.05151	.00610	.03087	42.781	.36287	1.8357

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02039	-.00064	.12318	.05223	.04737	.81434	.00553	.00463
Stddev	.00041	.00108	.00533	.00321	.00077	.01049	.00015	.00664
%RSD	2.0029	168.60	4.3293	6.1365	1.6292	1.2877	2.6350	143.43

#1	.02068	-.00140	.11940	.05450	.04791	.82176	.00564	-.00007
#2	.02011	.00012	.12695	.04997	.04682	.80693	.00543	.00933

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04941	2.4971	.00180	.30726	.00410	.6784	-.03856	<.00000
Stddev	.00033	.0539	.00097	.00207	.00114	.0254	.00001	1.5297
%RSD	.65824	2.1592	54.034	.67360	27.862	3.751	.01805	87.320

#1	.04918	2.5353	.00111	.30873	.00490	.6964	-.03855	-.67017
#2	.04964	2.4590	.00249	.30580	.00329	.6604	-.03856	-2.8335

Sample Name: J6465-01 Acquired: 12/19/2018 17:51:27 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB01_12-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0958
 Stddev .6223
 %RSD 56.792

#1 .65577
 #2 1.5359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.8	64365.	4297.8	105.11	4017.3
Stddev	62.9	2787.	76.7	.91	117.1
%RSD	2.2139	4.3303	1.7845	.86514	2.9145

#1	2797.3	62394.	4243.6	104.46	3934.5
#2	2886.3	66336.	4352.0	105.75	4100.1

Sample Name: J6465-02 Acquired: 12/19/2018 17:55:26 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB01_0-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03323	-.00660	.17509	-.04480	.00390	81.068	.41924
Stddev	.00031	.00064	.00508	.00890	.00103	2.995	.01310
%RSD	.94363	9.6739	2.9003	19.869	26.429	3.6943	3.1236

#1	.03345	-.00615	.17150	-.03851	.00317	78.950	.42850
#2	.03301	-.00705	.17868	-.05109	.00463	83.186	.40998

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00553	-.00193	9.8786	.22153	.11141	.23910	185.28
Stddev	.00026	.00036	.2946	.00918	.00253	.00564	.43
%RSD	4.7453	18.559	2.9827	4.1431	2.2726	2.3575	.23128

#1	.00534	-.00218	10.087	.21504	.10962	.23511	185.59
#2	.00571	-.00167	9.6702	.22802	.11320	.24308	184.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9966	36.050	.76730	.00097	.61787	.23083	.52369
Stddev	.2121	.840	.01445	.00106	.03491	.00982	.00178
%RSD	5.3078	2.3293	1.8837	109.84	5.6494	4.2525	.33922

#1	3.8466	36.644	.75708	.00172	.64255	.22389	.52495
#2	4.1466	35.456	.77753	.00022	.59319	.23778	.52244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4461	.00181	.05706	.34290	2.6171	.00870	2.7219
Stddev	.2785	.00009	.00274	.00386	.0679	.00027	.0856
%RSD	3.2974	5.0314	4.7980	1.1244	2.5937	3.0472	3.1445

#1	8.6430	.00187	.05513	.34017	2.6651	.00851	2.7824
#2	8.2492	.00175	.05900	.34562	2.5691	.00889	2.6614

Sample Name: J6465-02 Acquired: 12/19/2018 17:55:26 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB01_0-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11309	2.864	-.14853	<.00000	F<.00000
Stddev	.00474	.048	.00107	2.0149	.02344
%RSD	4.1933	1.679	.72091	19.017	.03362

#1	.11645	2.830	-.14777	-12.020	-69.719
#2	.10974	2.898	-.14929	-9.1706	-69.752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.4	72033.	4806.8	101.51	3815.4
Stddev	55.7	2648.	148.3	.49	66.4
%RSD	1.7737	3.6760	3.0842	.48164	1.7404

#1	3178.7	73906.	4702.0	101.16	3862.4
#2	3100.0	70161.	4911.6	101.85	3768.5

Sample Name: J6465-03 Acquired: 12/19/2018 17:59:23 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_12-14 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01462	-.00110	.00394	-.00838	.00089	11.302	.03097	.00094
Stddev	.00126	.00018	.00037	.00377	.00109	.528	.00002	.00005
%RSD	8.6141	16.182	9.2704	44.938	123.29	4.6715	.04870	4.9978

#1	.01373	-.00122	.00420	-.01104	.00166	10.929	.03096	.00090
#2	.01551	-.00097	.00368	-.00572	.00011	11.676	.03098	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	.89721	.03897	.00579	.02608	33.503	.32505	1.1354
Stddev	.00024	.01281	.00261	.00003	.00022	1.526	.01344	.0196
%RSD	33.882	1.4281	6.6881	.46217	.83432	4.5544	4.1357	1.7288

#1	-.00053	.88815	.03712	.00581	.02623	32.424	.31555	1.1215
#2	-.00086	.90627	.04081	.00577	.02592	34.582	.33456	1.1493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01765	-.00042	1.1020	.04928	.04991	.97845	.00230	.01028
Stddev	.00038	.00058	.0142	.00168	.00161	.00629	.00023	.00423
%RSD	2.1707	138.50	1.2853	3.4040	3.2226	.64267	10.096	41.139

#1	.01738	-.00001	1.0920	.04810	.04877	.97400	.00247	.00729
#2	.01792	-.00083	1.1120	.05047	.05104	.98289	.00214	.01327

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31581	2.7070	.00044	.28702	.00343	.4915	-.02471	<.00000
Stddev	.00059	.1022	.00022	.00057	.00074	.0013	.00134	1.4612
%RSD	.18606	3.7773	49.658	.19927	21.645	.2643	5.4298	41.264

#1	.31622	2.6347	.00028	.28743	.00396	.4906	-.02376	-4.5744
#2	.31539	2.7793	.00059	.28662	.00291	.4924	-.02565	-2.5079

Sample Name: J6465-03 Acquired: 12/19/2018 17:59:23 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_12-14 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9366
 Stddev .9616
 %RSD 32.745

#1 3.6166
 #2 2.2567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2854.5	65655.	4240.5	103.92	4062.8
Stddev	17.2	2232.	40.9	2.98	4.2
%RSD	.60210	3.4000	.96504	2.8693	.10237

#1	2866.6	67233.	4269.4	106.03	4059.9
#2	2842.3	64076.	4211.5	101.81	4065.8

Sample Name: J6465-03DUP Acquired: 12/19/2018 18:03:24 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB03_12-14DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01611	-.00069	.00463	-.00917	.00075	11.052	.03320	.00082
Stddev	.00121	.00125	.00082	.00029	.00160	.465	.00069	.00010
%RSD	7.5266	181.59	17.597	3.1759	212.73	4.2066	2.0872	12.041

#1	.01697	-.00158	.00521	-.00937	.00188	10.723	.03271	.00075
#2	.01526	.00020	.00406	-.00896	-.00038	11.380	.03369	.00089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	.93523	.03696	.00577	.02606	35.041	.31669	1.2046
Stddev	.00009	.00952	.00232	.00017	.00154	.754	.01376	.0311
%RSD	12.145	1.0177	6.2676	2.8858	5.9072	2.1510	4.3464	2.5829

#1	-.00070	.92850	.03532	.00589	.02715	34.508	.30696	1.1826
#2	-.00083	.94196	.03859	.00566	.02498	35.574	.32643	1.2267

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01790	-.00004	1.1600	.04669	.05127	1.0593	.00246	.01365
Stddev	.00060	.00080	.0355	.00114	.00064	.0402	.00008	.01026
%RSD	3.3346	1992.1	3.0558	2.4442	1.2477	3.7978	3.2950	75.154

#1	.01832	.00052	1.1349	.04589	.05081	1.0309	.00240	.00640
#2	.01748	-.00060	1.1851	.04750	.05172	1.0878	.00251	.02091

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31611	2.8094	-.00040	.30442	.00393	.4981	-.02622	<.00000
Stddev	.01029	.1507	.00096	.00542	.00005	.0142	.00064	1.9704
%RSD	3.2545	5.3640	241.02	1.7811	1.1591	2.851	2.4506	32.623

#1	.32338	2.7028	-.00107	.30059	.00396	.5081	-.02576	-7.4332
#2	.30883	2.9159	.00028	.30826	.00389	.4880	-.02667	-4.6466

Sample Name: J6465-03DUP Acquired: 12/19/2018 18:03:24 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_12-14DU Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3408
Stddev	.0044
%RSD	.13098

#1	3.3439
#2	3.3377

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.9	68729.	4146.2	101.60	4025.1
Stddev	75.2	2516.	66.1	1.17	108.8
%RSD	2.6421	3.6604	1.5939	1.1542	2.7033

#1	2793.7	70508.	4193.0	102.43	3948.1
#2	2900.1	66950.	4099.5	100.77	4102.0

Sample Name: J6465-03LX5 Acquired: 12/19/2018 18:07:25 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00461	.00015	.00035	-.00093	.00089	2.3590	.00688	.00022
Stddev	.00131	.00011	.00065	.00208	.00191	.0770	.00038	.00003
%RSD	28.360	72.609	182.15	223.00	213.38	3.2644	5.5267	12.245

#1	.00369	.00007	.00081	.00054	.00225	2.3045	.00661	.00020
#2	.00553	.00023	-.00010	-.00241	-.00046	2.4134	.00715	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.18486	.00834	.00122	.00628	6.7775	.07013	.26474
Stddev	.00002	.00592	.00044	.00010	.00053	.1300	.00208	.04733
%RSD	15.950	3.2046	5.3112	7.9089	8.3954	1.9182	2.9707	17.880

#1	-.00011	.18067	.00803	.00129	.00665	6.6856	.06866	.23127
#2	-.00009	.18905	.00865	.00116	.00591	6.8694	.07161	.29821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	-.00013	.21311	.01039	.01030	.19163	.00040	-.00376
Stddev	.00029	.00033	.01518	.00025	.00010	.00272	.00002	.00602
%RSD	6.5827	261.47	7.1248	2.4146	.97211	1.4193	3.8215	160.04

#1	.00417	.00011	.20238	.01021	.01022	.18970	.00041	.00050
#2	.00457	-.00036	.22385	.01057	.01037	.19355	.00039	-.00802

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06396	.58861	-.00029	.05785	-.00059	.1051	-.00507	<.00000
Stddev	.00186	.02030	.00036	.00029	.00128	.0005	.00007	.92125
%RSD	2.9016	3.4487	124.93	.50116	217.20	.5228	1.4180	43.907

#1	.06265	.60297	-.00054	.05806	-.00150	.1047	-.00502	-2.7496
#2	.06527	.57426	-.00003	.05765	.00032	.1055	-.00512	-1.4468

Sample Name: J6465-03LX5 Acquired: 12/19/2018 18:07:25 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9467
Stddev .3510
%RSD 18.028

#1 2.1949
#2 1.6985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.7	64812.	4267.2	105.94	4032.1
Stddev	20.0	1424.	45.2	1.81	35.6
%RSD	.71358	2.1977	1.0594	1.7131	.88176

#1	2791.5	65819.	4299.2	107.23	4007.0
#2	2819.9	63805.	4235.3	104.66	4057.3

Sample Name: J6465-03MS Acquired: 12/19/2018 18:11:29 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB03_12-14MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69643	1.7465	.87476	1.6439	.54993	13.993	.22231	.16269
Stddev	.02348	.0767	.04007	.0597	.01576	.255	.01030	.00232
%RSD	3.3711	4.3901	4.5802	3.6305	2.8657	1.8210	4.6330	1.4261

#1	.67983	1.6922	.84643	1.6017	.53879	14.173	.22959	.16433
#2	.71303	1.8007	.90310	1.6861	.56107	13.813	.21503	.16105

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16899	2.0005	.40008	.18441	.30854	38.900	.48174	3.3233
Stddev	.00747	.1009	.00564	.00768	.01285	1.123	.00696	.1055
%RSD	4.4205	5.0434	1.4107	4.1634	4.1649	2.8881	1.4453	3.1755

#1	.16371	2.0718	.40408	.17898	.29946	39.694	.48666	3.3979
#2	.17428	1.9292	.39609	.18984	.31763	38.106	.47681	3.2487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46136	.05989	4.9201	.30477	.23635	10.338	.34829	.26863
Stddev	.01921	.00088	.2001	.00510	.00637	.373	.01312	.02021
%RSD	4.1639	1.4730	4.0669	1.6719	2.6961	3.6124	3.7683	7.5240

#1	.44777	.06052	5.0616	.30837	.24085	10.602	.33901	.28293
#2	.47494	.05927	4.7786	.30117	.23184	10.074	.35757	.25434

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33074	3.1928	.57326	.48050	.18448	5.119	.15913	<.00000
Stddev	.01506	.1044	.02302	.01650	.00760	.225	.00957	.42114
%RSD	4.5531	3.2693	4.0150	3.4330	4.1175	4.395	6.0120	8.1067

#1	.32010	3.2666	.55698	.49216	.18985	4.960	.16590	-4.8971
#2	.34139	3.1190	.58953	.46884	.17910	5.278	.15237	-5.4927

Sample Name: J6465-03MS Acquired: 12/19/2018 18:11:29 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_12-14MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.09649
%RSD	11.401

#1	-.77811
#2	-.91457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2786.5	68417.	4174.7	102.60	3912.8
Stddev	87.7	920.	167.5	3.21	148.7
%RSD	3.1477	1.3449	4.0116	3.1275	3.7999

#1	2848.6	67767.	4056.3	100.34	4017.9
#2	2724.5	69068.	4293.1	104.87	3807.7

Sample Name: J6465-03MSD Acquired: 12/19/2018 18:17:05 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB03_12-14MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67636	1.7257	.85615	1.6044	.53454	14.532	.23377	.16939
Stddev	.00983	.0383	.02072	.0298	.00897	.365	.00725	.00589
%RSD	1.4531	2.2184	2.4196	1.8578	1.6772	2.5101	3.1021	3.4772
#1	.68331	1.7528	.87080	1.6254	.54088	14.790	.22864	.17356
#2	.66941	1.6986	.84150	1.5833	.52820	14.274	.23889	.16523
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16572	2.1117	.41611	.18090	.29829	41.752	.50040	3.4917
Stddev	.00420	.0317	.01540	.00521	.00800	.692	.01769	.0957
%RSD	2.5363	1.5028	3.7021	2.8787	2.6834	1.6564	3.5361	2.7418
#1	.16869	2.0892	.42700	.18458	.30395	41.263	.51292	3.4240
#2	.16274	2.1341	.40522	.17722	.29263	42.241	.48789	3.5594
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45193	.06168	5.1564	.31681	.24938	10.784	.34021	.28350
Stddev	.01072	.00160	.1241	.01048	.00298	.254	.00611	.00759
%RSD	2.3724	2.5974	2.4064	3.3084	1.1959	2.3550	1.7957	2.6759
#1	.45951	.06281	5.0686	.32422	.24727	10.604	.34453	.27813
#2	.44435	.06054	5.2441	.30940	.25149	10.963	.33589	.28886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32848	3.3391	.55969	.50129	.19397	5.026	.16608	<.00000
Stddev	.00916	.0985	.01232	.01050	.00536	.124	.00356	2.1393
%RSD	2.7882	2.9502	2.2020	2.0943	2.7627	2.475	2.1410	57.416
#1	.33496	3.2695	.56840	.49387	.19018	5.114	.16357	-2.2133
#2	.32201	3.4088	.55097	.50872	.19776	4.938	.16860	-5.2388

Sample Name: J6465-03MSD Acquired: 12/19/2018 18:17:05 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_12-14MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.10854
%RSD	26.759

#1	-.48234
#2	-.32885

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.1	66290.	3991.2	96.396	3951.8
Stddev	49.5	2336.	74.2	1.384	89.6
%RSD	1.7506	3.5238	1.8596	1.4359	2.2679

#1	2790.2	64639.	4043.7	97.375	3888.4
#2	2860.1	67942.	3938.7	95.417	4015.2

Sample Name: J6465-03A Acquired: 12/19/2018 18:20:53 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69201	1.7550	.87437	1.6359	.54560	14.719	.22141	.17588
Stddev	.02180	.0659	.03340	.0454	.01364	.620	.01177	.00803
%RSD	3.1501	3.7526	3.8204	2.7746	2.4997	4.2093	5.3142	4.5672

#1	.67659	1.7084	.85075	1.6038	.53595	15.157	.22973	.18156
#2	.70742	1.8015	.89799	1.6680	.55524	14.280	.21309	.17020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16913	1.9649	.42910	.18425	.30529	39.590	.51905	3.2906
Stddev	.00677	.0835	.01870	.00709	.00974	3.203	.02320	.1359
%RSD	4.0030	4.2490	4.3574	3.8482	3.1900	8.0892	4.4701	4.1297

#1	.16434	2.0239	.44232	.17924	.29841	41.855	.53545	3.3867
#2	.17392	1.9058	.41588	.18926	.31218	37.326	.50264	3.1945

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46072	.06398	4.8900	.32811	.24116	10.233	.34586	.26947
Stddev	.01626	.00256	.2443	.01496	.01521	.474	.01030	.01537
%RSD	3.5286	4.0037	4.9963	4.5600	6.3055	4.6346	2.9783	5.7046

#1	.44923	.06579	5.0627	.33869	.25191	10.569	.33858	.28034
#2	.47222	.06217	4.7172	.31753	.23041	9.8981	.35315	.25860

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33371	3.2727	.56901	.47594	.18164	5.121	.15626	<.00000
Stddev	.00484	.1273	.02170	.02231	.01043	.189	.00699	1.5295
%RSD	1.4495	3.8887	3.8128	4.6876	5.7448	3.684	4.4757	49.940

#1	.33029	3.3627	.55367	.49172	.18902	4.988	.16120	-1.9811
#2	.33713	3.1827	.58435	.46017	.17426	5.255	.15131	-4.1441

Sample Name: J6465-03A Acquired: 12/19/2018 18:20:53 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .29068
%RSD 107.19

#1 -.06564
#2 -.47671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.5	64551.	4143.3	100.26	3899.1
Stddev	61.1	2315.	164.7	7.07	114.3
%RSD	2.1877	3.5868	3.9754	7.0467	2.9316

#1	2835.7	62914.	4026.9	95.267	3979.9
#2	2749.3	66188.	4259.8	105.26	3818.3

Sample Name: J6465-04 Acquired: 12/19/2018 18:24:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB03_1.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03612	-.00386	3.0733	-.05406	.01254	136.26	1.3226
Stddev	.00190	.00101	.0521	.00672	.00049	1.40	.0118
%RSD	5.2524	26.161	1.6961	12.424	3.8712	1.0275	.89070

#1	.03746	-.00457	3.0364	-.04931	.01288	137.25	1.3143
#2	.03478	-.00314	3.1101	-.05881	.01220	135.27	1.3310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00485	.00082	50.436	.19389	.03714	.31256	231.71
Stddev	.00003	.00074	.632	.00246	.00122	.00943	2.41
%RSD	.69096	90.941	1.2522	1.2666	3.2780	3.0177	1.0385

#1	.00487	.00029	49.989	.19563	.03628	.30589	233.41
#2	.00482	.00134	50.882	.19216	.03800	.31923	230.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2227	15.399	.11233	-.00022	3.6411	.31014	2.5323
Stddev	.0231	.377	.00276	.00004	.0535	.00479	.0299
%RSD	1.8866	2.4503	2.4586	19.527	1.4700	1.5444	1.1812

#1	1.2391	15.132	.11038	-.00025	3.6033	.31353	2.5534
#2	1.2064	15.666	.11428	-.00019	3.6790	.30676	2.5111

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3946	.00571	.06462	3.0019	3.2214	.04897	1.6114
Stddev	.0570	.00023	.00784	.0574	.0275	.00080	.0231
%RSD	1.2959	3.9589	12.131	1.9113	.85301	1.6409	1.4357

#1	4.3543	.00555	.07016	2.9613	3.2019	.04840	1.5950
#2	4.4349	.00587	.05908	3.0425	3.2408	.04953	1.6277

Sample Name: J6465-04 Acquired: 12/19/2018 18:24:42 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB03_1.5-3.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08943	3.643	.03725	<.00000	F<.00000
Stddev	.00160	.069	.00617	.81594	.40774
%RSD	1.7902	1.898	16.553	11.542	.49115

#1	.08830	3.594	.03289	-6.4924	-82.728
#2	.09056	3.692	.04161	-7.6463	-83.304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.3	65075.	4194.9	96.358	3595.6
Stddev	32.1	1174.	15.9	1.720	39.9
%RSD	1.1575	1.8046	.37928	1.7849	1.1101

#1	2794.0	64245.	4206.1	95.142	3623.8
#2	2748.6	65906.	4183.6	97.574	3567.4

Sample Name: J6465-05 Acquired: 12/19/2018 18:28:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB08_12-14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02433	-.00057	.00581	-.00635	.00173	9.3711	.02078	.00087
Stddev	.00083	.00031	.00090	.00213	.00006	.4385	.00125	.00008
%RSD	3.4000	53.969	15.582	33.545	3.2206	4.6796	6.0156	9.2575

#1	.02374	-.00035	.00517	-.00785	.00177	9.0610	.02166	.00081
#2	.02491	-.00079	.00644	-.00484	.00169	9.6812	.01989	.00092

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	.41703	.04380	.00553	.02691	39.033	.25017	.93780
Stddev	.00022	.02457	.00282	.00012	.00075	1.351	.01341	.06335
%RSD	22.602	5.8911	6.4444	2.2435	2.7693	3.4617	5.3601	6.7554

#1	-.00112	.43440	.04180	.00544	.02638	39.989	.24069	.98259
#2	-.00081	.39966	.04580	.00562	.02743	38.078	.25965	.89300

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01307	-.00021	.26949	.05310	.04331	.76536	.00133	.00785
Stddev	.00051	.00033	.01431	.00340	.00128	.00583	.00027	.00001
%RSD	3.9267	156.99	5.3089	6.4088	2.9470	.76137	20.019	.17016

#1	.01344	.00002	.27961	.05070	.04421	.76948	.00152	.00786
#2	.01271	-.00044	.25938	.05551	.04241	.76124	.00114	.00784

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11534	1.3178	.02685	.27673	.00092	.4787	-.03343	<.00000
Stddev	.00277	.0259	.00126	.01505	.00266	.0047	.00090	2.1279
%RSD	2.4001	1.9671	4.7058	5.4370	289.45	.9828	2.7030	53.758

#1	.11338	1.3361	.02596	.28737	.00280	.4754	-.03407	-5.4630
#2	.11730	1.2995	.02774	.26610	-.00096	.4820	-.03279	-2.4537

Sample Name: J6465-05 Acquired: 12/19/2018 18:28:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB08_12-14 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8586
Stddev .6817
%RSD 23.849

#1 2.3765
#2 3.3406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.4	65181.	4062.4	98.079	3972.2
Stddev	7.7	3122.	175.9	3.070	32.2
%RSD	.27574	4.7894	4.3311	3.1301	.81108

#1	2789.9	67389.	3938.0	95.908	3995.0
#2	2779.0	62974.	4186.8	100.25	3949.4

Sample Name: CCV06 Acquired: 12/19/2018 18:32:46 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6033	4.7091	4.6457	4.5765	4.6219	9.1129	9.8301
Stddev	.0682	.0522	.0374	.0709	.0829	.2705	.0271
%RSD	1.4822	1.1092	.80436	1.5492	1.7935	2.9688	.27582

#1	4.6516	4.7460	4.6721	4.6267	4.6805	8.9216	9.8109
#2	4.5551	4.6722	4.6193	4.5264	4.5633	9.3042	9.8492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23354	2.3267	24.996	.96035	2.3073	1.1748	4.8975
Stddev	.00862	.0242	.317	.03105	.0237	.0217	.1046
%RSD	3.6916	1.0419	1.2695	3.2329	1.0277	1.8478	2.1357

#1	.22744	2.3439	24.772	.93840	2.3241	1.1901	4.9715
#2	.23963	2.3096	25.221	.98231	2.2906	1.1594	4.8235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3737	24.886	2.3090	1.1727	24.144	2.3404	2.5094
Stddev	.0811	.067	.0201	.0352	.057	.0807	.0974
%RSD	3.4156	.26795	.86869	3.0004	.23622	3.4469	3.8805

#1	2.3163	24.838	2.3232	1.1478	24.104	2.2833	2.5783
#2	2.4310	24.933	2.2948	1.1976	24.184	2.3974	2.4405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.025	4.7109	4.9278	4.5147	4.9347	4.6513	4.9121
Stddev	.171	.0688	.0396	.0533	.0537	.0412	.0439
%RSD	.71105	1.4598	.80375	1.1804	1.0890	.88552	.89291

#1	23.905	4.7596	4.8998	4.5524	4.8967	4.6804	4.8811
#2	24.146	4.6623	4.9558	4.4770	4.9727	4.6222	4.9431

Sample Name: CCV06 Acquired: 12/19/2018 18:32:46 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7969	4.581	4.9449	F<.00000	F 3.0542
Stddev	.0291	.048	.0373	.95127	.8982
%RSD	.60654	1.044	.75520	2136.8	29.409
#1	4.7764	4.615	4.9185	-.71717	3.6893
#2	4.8175	4.547	4.9713	.62813	2.4191
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.9	61934.	3909.7	92.459	3584.8
Stddev	33.6	1274.	4.5	3.182	24.1
%RSD	1.2611	2.0572	.11566	3.4419	.67364
#1	2640.1	62835.	3906.6	90.209	3567.7
#2	2687.6	61033.	3912.9	94.709	3601.8

Sample Name: CCB06 Acquired: 12/19/2018 18:36:32 Type: Unk
Method: P4-ICP2(v2669) 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	.00023	.00221	-.00030	.00125	.00118	.01325	.00061
Stddev	.00094	.00036	.00057	.00262	.00083	.00278	.00042
%RSD	408.75	16.444	193.80	210.16	70.664	21.012	69.490

#1	.00090	.00246	.00011	.00310	.00059	.01522	.00090
#2	-.00044	.00195	-.00070	-.00061	.00176	.01128	.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00009	-.01972	.00044	-.00008	.00001	-.00407
Stddev	.00004	.00001	.00189	.00024	.00010	.00031	.00817
%RSD	452.73	17.085	9.5642	55.009	130.21	2038.2	200.66

#1	.00004	.00010	-.01839	.00027	-.00001	.00023	-.00985
#2	-.00002	.00008	-.02106	.00062	-.00015	-.00020	.00171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00828	.00097	.00042	-.01419	.00015	.00015
Stddev	.00000	.01733	.00044	.00016	.00061	.00016	.00007
%RSD	16.299	209.30	45.827	39.252	4.2697	109.77	49.550

#1	.00001	-.00397	.00128	.00030	-.01376	.00026	.00020
#2	.00002	.02053	.00065	.00053	-.01462	.00003	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02743	.00040	-.00383	-.00352	-.00059	-.00018	-.00097
Stddev	.00623	.00009	.01306	.00252	.00199	.00037	.00043
%RSD	22.716	22.243	341.45	71.523	334.32	206.08	44.141

#1	-.03184	.00034	-.01306	-.00174	.00081	.00008	-.00127
#2	-.02303	.00047	.00541	-.00530	-.00200	-.00045	-.00067

Sample Name: CCB06 Acquired: 12/19/2018 18:36:32 Type: Unk
Method: P4-ICP2(v2669) 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	-.00065	-.0003	.00002	F<.00000	F .92319
Stddev	.00119	.0009	.00008	.74172	.28353
%RSD	182.65	347.9	391.17	34.736	30.712

#1	-.00149	-.0009	-.00004	-1.6108	1.1237
#2	.00019	.0004	.00008	-2.6598	.72270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.6	63157.	3966.0	99.496	4188.3
Stddev	8.5	377.	1.0	.371	24.4
%RSD	.29602	.59641	.02488	.37311	.58298

#1	2865.5	62891.	3965.3	99.758	4205.5
#2	2853.6	63424.	3966.7	99.233	4171.0

Sample Name: J6465-06 Acquired: 12/19/2018 18:40:38 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB08_1.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05689	-.00903	.77862	-.04141	.00533	84.681	.86260
Stddev	.00215	.00169	.00176	.00458	.00039	5.814	.06545
%RSD	3.7744	18.675	.22644	11.072	7.3704	6.8663	7.5874

#1	.05841	-.01023	.77987	-.04465	.00561	88.792	.81632
#2	.05537	-.00784	.77737	-.03817	.00505	80.570	.90887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00573	.00023	569.56	.18434	.07712	.29847	218.57
Stddev	.00063	.00174	41.18	.02221	.00061	.00570	17.69
%RSD	10.988	748.26	7.2297	12.049	.78583	1.9104	8.0929

#1	.00617	.00146	540.45	.20005	.07755	.30250	206.06
#2	.00528	-.00100	598.68	.16864	.07669	.29444	231.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7129	114.52	.17392	-.00110	4.5974	.36209	1.1377
Stddev	.3822	8.40	.00067	.00548	.3231	.04064	.0706
%RSD	10.294	7.3352	.38263	498.82	7.0270	11.225	6.2016

#1	3.9832	108.58	.17439	-.00497	4.3690	.39083	1.0878
#2	3.4427	120.46	.17345	.00278	4.8258	.33335	1.1876

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8115	.00993	.14033	F 14.977	4.4215	.15284	2.3048
Stddev	.6521	.00006	.02357	.003	.0628	.00093	.1668
%RSD	6.6464	.57089	16.794	.01869	1.4195	.60535	7.2389

#1	9.3504	.00997	.12367	14.979	4.3771	.15350	2.1868
#2	10.273	.00989	.15700	14.975	4.4659	.15219	2.4228

Sample Name: J6465-06 Acquired: 12/19/2018 18:40:38 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB08_1.5-3.5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10059	5.208	1.1148	<.00000	F<.00000
Stddev	.00890	.003	.0754	3.6927	2.9175
%RSD	8.8458	.0605	6.7642	69.992	4.6698

#1	.09430	5.206	1.0615	-2.6648	-64.537
#2	.10689	5.210	1.1681	-7.8871	-60.412

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.8	63685.	4548.4	91.066	3240.7
Stddev	2.8	5407.	254.6	5.770	5.9
%RSD	.09854	8.4903	5.5983	6.3364	.18068

#1	2809.7	59862.	4728.5	95.147	3244.8
#2	2805.8	67509.	4368.4	86.986	3236.6

Sample Name: J6469-01 Acquired: 12/19/2018 18:44:29 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00208	-.00556	.09585	-.02351	.00371	44.728	.42735
Stddev	.00161	.00010	.00359	.00060	.00052	.207	.00424
%RSD	77.631	1.7860	3.7444	2.5333	13.946	.46245	.99219

#1	.00094	-.00549	.09839	-.02309	.00407	44.874	.43035
#2	.00322	-.00563	.09331	-.02393	.00334	44.581	.42435

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00219	-.00332	51.564	.16839	.13496	.60386	179.70
Stddev	.00002	.00040	.230	.00185	.00437	.01607	1.40
%RSD	.69775	12.103	.44530	1.0988	3.2400	2.6606	.77941

#1	.00220	-.00304	51.727	.16970	.13805	.61522	180.69
#2	.00218	-.00361	51.402	.16708	.13187	.59250	178.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1476	39.151	.16452	.00204	1.4784	.17730	.39233
Stddev	.0099	.330	.00443	.00040	.0001	.00041	.00635
%RSD	.86399	.84230	2.6899	19.617	.00750	.22895	1.6193

#1	1.1546	39.384	.16765	.00233	1.4783	.17758	.39682
#2	1.1406	38.918	.16139	.00176	1.4785	.17701	.38784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.322	.00612	.08469	F 22.791	3.5101	.02651	4.4546
Stddev	.210	.00016	.00085	.543	.0296	.00007	.0551
%RSD	1.0357	2.6645	1.0063	2.3839	.84288	.27203	1.2358

#1	20.471	.00624	.08530	23.175	3.5310	.02646	4.4935
#2	20.173	.00601	.08409	22.407	3.4892	.02656	4.4156

Sample Name: J6469-01 Acquired: 12/19/2018 18:44:29 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07097	8.068	-.12127	<.00000	F<.00000
Stddev	.00163	.198	.00117	.78776	.12460
%RSD	2.2974	2.448	.96717	5.4299	.23698

#1	.07213	8.207	-.12210	-13.951	-52.491
#2	.06982	7.928	-.12044	-15.065	-52.667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.2	76254.	5063.2	102.34	3850.3
Stddev	60.1	368.	35.4	.85	82.0
%RSD	1.7969	.48306	.69999	.83536	2.1286

#1	3302.7	75993.	5038.1	101.74	3792.4
#2	3387.7	76514.	5088.2	102.95	3908.3

Sample Name: J6475-01 Acquired: 12/19/2018 18:48:22 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41228	-.00244	1.5017	-.01273	.00373	90.492	1.3795
Stddev	.01648	.00141	.0625	.00141	.00313	1.816	.0206
%RSD	3.9975	57.930	4.1620	11.097	84.000	2.0071	1.4965

#1	.42394	-.00144	1.5459	-.01174	.00594	89.208	1.3941
#2	.40063	-.00344	1.4575	-.01373	.00151	91.777	1.3649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	.00007	115.75	1.3544	.10217	.68894	235.95
Stddev	.00023	.00105	1.85	.0324	.00492	.02966	1.09
%RSD	2.1928	1510.6	1.5992	2.3945	4.8112	4.3054	.45982

#1	.01051	.00081	117.06	1.3315	.10565	.70991	236.72
#2	.01084	-.00067	114.44	1.3774	.09870	.66796	235.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3805	64.649	.29441	.00232	3.6033	.81389	2.1891
Stddev	.0591	1.238	.01239	.00108	.0311	.01800	.0331
%RSD	2.4817	1.9152	4.2076	46.691	.86313	2.2122	1.5123

#1	2.3387	65.525	.30317	.00309	3.6253	.80116	2.2125
#2	2.4222	63.774	.28565	.00156	3.5813	.82662	2.1657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.889	.02531	.18939	F 12.941	1.9943	.07515	3.3831
Stddev	.121	.00105	.00939	.566	.0216	.00149	.0403
%RSD	1.1135	4.1399	4.9604	4.3771	1.0837	1.9775	1.1927

#1	10.974	.02605	.18274	13.341	2.0096	.07620	3.4117
#2	10.803	.02457	.19603	12.540	1.9790	.07410	3.3546

Sample Name: J6475-01 Acquired: 12/19/2018 18:48:22 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10288	5.205	.39724	<.00000	F<.00000
Stddev	.00137	.225	.00680	.97327	1.4755
%RSD	1.3291	4.325	1.7131	7.3294	1.7410

#1	.10385	5.364	.40205	-13.967	-83.709
#2	.10192	5.046	.39243	-12.591	-85.795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.7	73076.	5016.3	99.241	3833.7
Stddev	105.4	1325.	87.0	.550	134.3
%RSD	3.1496	1.8129	1.7349	.55430	3.5042

#1	3272.2	74013.	4954.8	98.852	3738.7
#2	3421.3	72140.	5077.9	99.630	3928.7

Sample Name: J6477-01 Acquired: 12/19/2018 18:52:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08810	-.00746	.73900	-.09963	.02381	181.38	1.7664	.01327
Stddev	.00014	.00098	.00711	.00577	.00103	2.54	.0201	.00008
%RSD	.15685	13.161	.96170	5.7883	4.3094	1.3984	1.1359	.63184

#1	.08819	-.00815	.73397	-.09555	.02453	183.17	1.7805	.01333
#2	.08800	-.00676	.74402	-.10371	.02308	179.58	1.7522	.01321

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00960	13.555	.58719	.19489	.81039	575.54	4.8312	41.825
Stddev	.00121	.009	.00760	.00150	.00822	8.77	.0738	.471
%RSD	12.627	.06496	1.2942	.76946	1.0139	1.5244	1.5279	1.1266

#1	-.01046	13.548	.59256	.19383	.80458	581.75	4.8834	42.158
#2	-.00874	13.561	.58181	.19595	.81621	569.34	4.7790	41.492

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33862	-.00040	1.3891	.47490	1.2033	13.222	.00489	.28139
Stddev	.00151	.00024	.0110	.01219	.0259	.179	.00000	.00558
%RSD	.44554	59.367	.79274	2.5675	2.1534	1.3544	.05031	1.9841

#1	.33756	-.00057	1.3969	.48352	1.2216	13.349	.00488	.28534
#2	.33969	-.00023	1.3813	.46628	1.1850	13.096	.00489	.27744

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4584	1.9775	.06369	2.4636	.33876	5.676	-.35660	<.00000
Stddev	.0144	.0684	.00051	.0160	.00009	.047	.00814	1.0040
%RSD	.58563	3.4595	.80729	.64777	.02621	.8318	2.2817	5.0892

#1	2.4482	2.0258	.06332	2.4749	.33882	5.643	-.36235	-19.018
#2	2.4686	1.9291	.06405	2.4523	.33870	5.710	-.35085	-20.438

Sample Name: J6477-01 Acquired: 12/19/2018 18:52:13 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-A1 Custom ID2: Custom ID3:
 Comment:

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

#1 ^ -----
 #2 -312.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.9	70194.	4772.4	96.387	3603.0
Stddev	16.0	1301.	49.9	1.963	27.3
%RSD	.51709	1.8542	1.0451	2.0363	.75678

#1	3111.2	69273.	4737.1	94.999	3622.3
#2	3088.5	71114.	4807.7	97.775	3583.7

Sample Name: J6477-02 Acquired: 12/19/2018 18:56:15 Type: Unk
Method: P4-ICP2(v2669) 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	.11645	-.00278	.80552	-.06680	.02006	53.886	.31938
Stddev	.00032	.00094	.00557	.00036	.00082	1.167	.00347
%RSD	.27261	33.871	.69178	.53260	4.0965	2.1651	1.0861

#1	.11667	-.00211	.80946	-.06705	.01948	54.711	.32184
#2	.11622	-.00344	.80158	-.06655	.02064	53.061	.31693

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00917	-.00837	12.995	.38155	.04025	.52171	416.50
Stddev	.00019	.00018	.047	.01422	.00010	.00076	4.68
%RSD	2.1056	2.1925	.36374	3.7266	.25466	.14521	1.1232

#1	.00930	-.00850	13.028	.39160	.04032	.52224	419.81
#2	.00903	-.00824	12.962	.37149	.04018	.52117	413.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94496	4.6846	.06276	-.00017	.61516	.41056	.43789
Stddev	.03057	.0263	.00065	.00079	.00240	.01408	.00771
%RSD	3.2350	.56233	1.0362	474.40	.39037	3.4295	1.7604

#1	.96658	4.7032	.06322	-.00072	.61686	.42052	.44334
#2	.92335	4.6660	.06230	.00039	.61347	.40061	.43244

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5139	.00381	.21251	2.6631	2.2200	.09941	1.2198
Stddev	.0319	.00021	.00992	.0314	.0360	.00019	.0083
%RSD	.37411	5.4346	4.6676	1.1786	1.6195	.19576	.68446

#1	8.5365	.00367	.21952	2.6853	2.2454	.09954	1.2257
#2	8.4914	.00396	.20550	2.6409	2.1946	.09927	1.2139

Sample Name: J6477-02 Acquired: 12/19/2018 18:56:15 Type: Unk
 Method: P4-ICP2(v2669) 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	.02036	7.293	-.32520	<.00000	F<.00000
Stddev	.00186	.097	.00471	1.3616	.96177
%RSD	9.1202	1.335	1.4479	7.7489	.50165

#1	.02167	7.362	-.32853	-16.609	-192.40
#2	.01905	7.225	-.32187	-18.534	-191.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.2	72877.	4784.9	101.40	3810.9
Stddev	20.4	1964.	56.8	1.52	23.2
%RSD	.64771	2.6946	1.1862	1.5034	.60889

#1	3133.8	71488.	4744.8	100.33	3794.5
#2	3162.7	74265.	4825.1	102.48	3827.3

Sample Name: J6446-07 Acquired: 12/19/2018 19:00:07 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	-.00117	-.00081	.00382	.00008	.03071	-.00108	-.00004
Stddev	.00143	.00092	.00093	.00065	.00029	.00547	.00015	.00008
%RSD	48.853	78.665	115.38	16.975	363.03	17.819	13.847	219.36

#1	-.00395	-.00052	-.00015	.00336	-.00013	.03458	-.00097	-.00009
#2	-.00192	-.00183	-.00147	.00428	.00029	.02684	-.00118	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00090	.00130	-.00004	.00017	.02474	.00114	.00236
Stddev	.00004	.00501	.00027	.00014	.00028	.00805	.00011	.00608
%RSD	44.871	558.26	20.497	369.23	157.94	32.541	9.3855	257.91

#1	-.00007	.00444	.00112	-.00014	-.00002	.01905	.00106	-.00194
#2	-.00013	-.00264	.00149	.00006	.00037	.03043	.00121	.00665

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.00010	.00023	.00009	.00176	-.00511	.00018	-.00415
Stddev	.00063	.00085	.00415	.00023	.00011	.02893	.00017	.00819
%RSD	42.450	816.56	1796.7	252.35	6.1327	566.25	95.689	197.51

#1	.00104	.00070	-.00270	-.00007	.00183	-.02556	.00030	.00164
#2	.00193	-.00049	.00317	.00025	.00168	.01535	.00006	-.00994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01067	.02300	-.00093	.00088	-.00251	.0030	.00001	<.00000
Stddev	.00088	.00005	.00023	.00014	.00139	.0009	.00003	.58768
%RSD	8.2617	.20058	25.207	15.834	55.133	30.39	293.82	13.082

#1	.01129	.02296	-.00076	.00078	-.00349	.0037	-.00001	-4.9078
#2	.01004	.02303	-.00109	.00098	-.00153	.0024	.00003	-4.0767

Sample Name: J6446-07 Acquired: 12/19/2018 19:00:07 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P001-RB-1812 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.24422
Stddev	.05381
%RSD	22.033

#1	.28227
#2	.20617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.4	63841.	4192.9	101.33	4141.0
Stddev	51.4	1267.	5.1	.38	79.3
%RSD	1.8142	1.9853	.12173	.37216	1.9139

#1	2799.1	64737.	4196.5	101.07	4084.9
#2	2871.8	62945.	4189.3	101.60	4197.0

Sample Name: J6462-06 Acquired: 12/19/2018 19:04:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	-.00261	.00811	.00583	.00689	8.3144	.22934	.00072
Stddev	.00111	.00015	.00027	.00437	.00022	.0606	.00313	.00001
%RSD	295.94	5.6967	3.2691	74.886	3.1980	.72935	1.3646	1.6776
#1	.00117	-.00272	.00792	.00274	.00673	8.2715	.22713	.00071
#2	-.00041	-.00250	.00830	.00892	.00705	8.3573	.23156	.00072
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	61.071	.02390	.00782	.03893	14.096	.49996	24.123
Stddev	.00002	1.125	.00029	.00007	.00050	.189	.00719	.528
%RSD	2.6015	1.8418	1.2276	.93150	1.2865	1.3397	1.4382	2.1879
#1	.00066	60.275	.02370	.00777	.03929	13.962	.49487	23.749
#2	.00064	61.866	.02411	.00787	.03858	14.229	.50504	24.496
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01500	-.00055	86.325	.03238	.19405	12.472	.00647	.07203
Stddev	.00024	.00041	1.169	.00026	.00304	.185	.00005	.00528
%RSD	1.6182	74.390	1.3543	.80889	1.5668	1.4865	.77432	7.3289
#1	.01483	-.00083	85.499	.03220	.19190	12.341	.00643	.06830
#2	.01517	-.00026	87.152	.03257	.19620	12.603	.00650	.07576
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.629	F 34.257	-.01073	.20050	.01861	.7734	.23295	1.0055
Stddev	.402	.857	.00013	.00304	.00131	.0057	.00282	.5561
%RSD	1.1598	2.5012	1.2570	1.5153	7.0603	.7434	1.2111	55.309
#1	34.913	33.651	-.01082	.19835	.01768	.7775	.23095	.61223
#2	34.345	34.863	-.01063	.20265	.01954	.7693	.23494	1.3987

Sample Name: J6462-06 Acquired: 12/19/2018 19:04:13 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3654
Stddev	.2571
%RSD	5.8884

#1	4.5472
#2	4.1836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.4	58411.	4141.8	100.98	3571.9
Stddev	39.7	450.	59.0	1.37	43.6
%RSD	1.5235	.77037	1.4250	1.3571	1.2195

#1	2577.3	58729.	4183.5	101.95	3541.1
#2	2633.5	58093.	4100.1	100.01	3602.7

Sample Name: J6465-10 Acquired: 12/19/2018 19:08:12 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SO-FB02_1217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.00038	-.00095	.00588	.00125	.00295	-.00068	-.00004
Stddev	.00120	.00044	.00041	.00327	.00112	.00964	.00081	.00002
%RSD	60.748	115.63	43.722	55.567	89.373	326.33	118.87	43.881

#1	-.00281	-.00007	-.00065	.00357	.00204	-.00386	-.00125	-.00003
#2	-.00112	-.00069	-.00124	.00819	.00046	.00977	-.00011	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00866	.00148	-.00005	.00032	.00262	.00134	.01382
Stddev	.00006	.00837	.00033	.00018	.00005	.00267	.00001	.00349
%RSD	141.30	96.618	22.114	399.24	16.098	101.81	.54411	25.237

#1	-.00009	.00274	.00125	.00008	.00036	.00073	.00135	.01136
#2	-.00000	.01458	.00171	-.00017	.00029	.00450	.00134	.01629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00128	-.00048	.05432	.00010	.01969	-.02652	-.00003	-.00093
Stddev	.00076	.00005	.00200	.00035	.00046	.01027	.00035	.00052
%RSD	59.464	10.652	3.6886	357.26	2.3526	38.722	1392.4	55.953

#1	.00074	-.00044	.05290	-.00015	.01936	-.01926	-.00027	-.00056
#2	.00182	-.00052	.05574	.00035	.02002	-.03378	.00022	-.00130

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02009	.00437	-.00043	.00074	-.00320	.0007	.00001	<.00000
Stddev	.00296	.00153	.00006	.00230	.00047	.0001	.00002	.11678
%RSD	14.734	35.011	14.110	312.12	14.804	10.74	239.65	2.4074

#1	.02218	.00545	-.00039	-.00089	-.00353	.0007	.00002	-4.9337
#2	.01800	.00329	-.00047	.00236	-.00286	.0008	-.00001	-4.7685

Sample Name: J6465-10 Acquired: 12/19/2018 19:08:12 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SO-FB02_1217 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.26734
Stddev	.01785
%RSD	6.6763

#1	.25472
#2	.27996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.1	64462.	4030.6	98.817	4076.3
Stddev	80.7	251.	39.4	1.626	134.9
%RSD	2.8932	.38899	.97734	1.6458	3.3104

#1	2731.1	64639.	4058.4	99.967	3980.9
#2	2845.2	64284.	4002.7	97.667	4171.7

Sample Name: J6472-03 Acquired: 12/19/2018 19:12:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03993	-.00388	.19301	-.00366	.00738	23.659	.23225	.00116
Stddev	.00209	.00136	.00167	.00138	.00106	.386	.01109	.00003
%RSD	5.2311	35.116	.86527	37.768	14.354	1.6333	4.7765	2.2591
#1	.04141	-.00292	.19419	-.00464	.00663	23.386	.22440	.00118
#2	.03845	-.00485	.19183	-.00268	.00813	23.932	.24009	.00114
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	74.392	.10290	.01618	.13219	53.672	1.1671	17.133
Stddev	.00046	3.128	.00022	.00027	.00229	3.992	.0069	.814
%RSD	360.92	4.2053	.21384	1.6903	1.7332	7.4377	.58880	4.7535
#1	.00020	72.180	.10274	.01637	.13381	50.850	1.1622	16.557
#2	-.00045	76.604	.10305	.01599	.13057	56.495	1.1720	17.709
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03350	-.00010	261.65	.09927	.50449	14.426	.02257	.31656
Stddev	.00107	.00050	7.69	.00100	.02887	.525	.00024	.02169
%RSD	3.1823	483.15	2.9398	1.0100	5.7232	3.6385	1.0627	6.8509
#1	.03425	-.00046	256.21	.09856	.48408	14.055	.02240	.30122
#2	.03274	.00025	267.09	.09998	.52491	14.798	.02274	.33189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6673	F 44.828	.00928	.63120	.03812	1.067	.32748	<.00000
Stddev	.0489	1.156	.00045	.01911	.00306	.013	.01134	.33773
%RSD	.56417	2.5776	4.8188	3.0282	8.0366	1.217	3.4620	13.131
#1	8.7019	44.011	.00960	.61768	.03596	1.076	.31946	-2.3332
#2	8.6327	45.645	.00897	.64471	.04029	1.058	.33549	-2.8108

Sample Name: J6472-03 Acquired: 12/19/2018 19:12:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.0559
Stddev	.2707
%RSD	3.8367

#1	7.2474
#2	6.8645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.5	61748.	4249.9	99.755	3479.9
Stddev	12.4	10.	107.2	5.616	16.7
%RSD	.45885	.01628	2.5233	5.6299	.47930

#1	2696.7	61741.	4325.7	103.73	3468.1
#2	2714.2	61755.	4174.0	95.784	3491.6

Sample Name: J6472-03DUP Acquired: 12/19/2018 19:16:21 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03977	-.00486	.18687	-.00178	.00604	23.653	.23270	.00107
Stddev	.00146	.00119	.00434	.00185	.00170	.135	.01065	.00006
%RSD	3.6747	24.431	2.3210	103.97	28.229	.57054	4.5771	5.1924
#1	.04081	-.00570	.18994	-.00047	.00724	23.749	.24023	.00111
#2	.03874	-.00402	.18381	-.00308	.00483	23.558	.22517	.00103
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	73.943	.10171	.01559	.12980	53.352	1.1439	17.130
Stddev	.00032	3.711	.00041	.00002	.00220	2.812	.0006	.871
%RSD	115.97	5.0193	.39896	.13462	1.6917	5.2711	.05672	5.0871
#1	-.00050	76.568	.10200	.01560	.13135	55.341	1.1434	17.746
#2	-.00005	71.319	.10142	.01557	.12824	51.363	1.1444	16.514
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03229	-.00034	258.06	.09879	.50386	14.411	.02186	.31829
Stddev	.00089	.00022	7.90	.00089	.02686	.651	.00022	.01819
%RSD	2.7542	65.839	3.0602	.90550	5.3307	4.5196	1.0016	5.7135
#1	.03292	-.00050	263.64	.09942	.52286	14.871	.02201	.33114
#2	.03166	-.00018	252.48	.09816	.48487	13.950	.02170	.30543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4335	F 45.592	.00764	.63500	.04004	1.042	.32667	<.00000
Stddev	.1698	1.948	.00057	.03581	.00202	.016	.01516	.10504
%RSD	2.0137	4.2733	7.4601	5.6392	5.0336	1.564	4.6407	3.5504
#1	8.5536	46.970	.00804	.66032	.04147	1.054	.33739	-2.8843
#2	8.3135	44.214	.00723	.60968	.03862	1.030	.31595	-3.0328

Sample Name: J6472-03DUP Acquired: 12/19/2018 19:16:21 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.5916
Stddev	.0472
%RSD	.54940

#1	8.5582
#2	8.6250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2746.6	62554.	4233.7	100.56	3545.8
Stddev	38.5	261.	196.6	5.40	55.4
%RSD	1.4020	.41677	4.6439	5.3740	1.5630

#1	2719.3	62370.	4094.7	96.740	3506.6
#2	2773.8	62739.	4372.7	104.38	3585.0

Sample Name: CCV07 Acquired: 12/19/2018 19:20:25 Type: Unk
Method: P4-ICP2(v2669) 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 4.4197	4.7064	4.5580	F 4.4542	4.5417	F 8.9189	F 8.6074
Stddev	.1638	.1642	.1670	.1730	.1758	.5369	.2536
%RSD	3.7068	3.4879	3.6633	3.8847	3.8717	6.0200	2.9466

#1	4.3038	4.5903	4.4399	4.3319	4.4174	9.2986	8.4280
#2	4.5355	4.8225	4.6760	4.5766	4.6661	8.5393	8.7867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22952	2.3074	F 22.399	.95684	2.2678	1.1542	F 4.4359
Stddev	.01777	.0840	.949	.08475	.0830	.0445	.1427
%RSD	7.7440	3.6399	4.2356	8.8570	3.6622	3.8544	3.2167

#1	.24209	2.2481	21.728	1.0168	2.2091	1.1227	4.3350
#2	.21695	2.3668	23.070	.89692	2.3265	1.1856	4.5368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3395	F 22.286	2.2578	1.1410	F 21.608	2.2962	F 2.2188
Stddev	.1861	.893	.0788	.0901	.621	.1798	.0533
%RSD	7.9558	4.0052	3.4907	7.9003	2.8721	7.8298	2.4031

#1	2.4711	21.655	2.2020	1.2047	21.169	2.4233	2.1811
#2	2.2079	22.917	2.3135	1.0772	22.047	2.1691	2.2565

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.207	4.6303	F 4.3770	F 4.3957	4.5097	4.5886	F 4.3839
Stddev	.669	.1818	.1580	.1610	.0735	.1562	.1684
%RSD	3.1553	3.9264	3.6091	3.6620	1.6290	3.4040	3.8402

#1	20.734	4.5017	4.2653	4.2818	4.4577	4.4782	4.2648
#2	21.680	4.7588	4.4887	4.5095	4.5616	4.6990	4.5029

Sample Name: CCV07 Acquired: 12/19/2018 19:20:25 Type: Unk
 Method: P4-ICP2(v2669) 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 4.2203	F 4.453	F 4.3443	F<.00000	F 3.8525
Stddev	.1290	.170	.1393	3.7534	.1906
%RSD	3.0571	3.825	3.2056	138.19	4.9481

#1	4.1290	4.332	4.2458	-.06214	3.9873
#2	4.3115	4.573	4.4428	-5.3703	3.7177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.0	63694.	4377.0	104.77	3686.8
Stddev	91.9	4758.	97.6	2.05	114.1
%RSD	3.3597	7.4699	2.2294	1.9559	3.0947

#1	2798.9	60330.	4446.0	106.22	3767.5
#2	2669.0	67059.	4308.0	103.32	3606.1

Sample Name: CCB07 Acquired: 12/19/2018 19:24:11 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00070	-.00017	.00234	-.00033	.00839	.00016
Stddev	.00004	.00135	.00054	.00090	.00083	.00692	.00066
%RSD	13.172	193.77	322.63	38.543	248.69	82.514	413.47

#1	-.00036	.00166	-.00055	.00298	-.00092	.00349	.00063
#2	-.00030	-.00026	.00022	.00170	.00025	.01328	-.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	.00009	.00031	-.00001	-.00021	.00103
Stddev	.00001	.00002	.01261	.00028	.00016	.00039	.00125
%RSD	59.845	65.337	14066.	92.121	2165.1	189.96	121.05

#1	.00001	.00002	-.00883	.00051	.00011	-.00048	.00192
#2	.00003	.00005	.00901	.00011	-.00012	.00007	.00015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01201	.00142	.00001	.02630	.00015	.00019
Stddev	.00001	.04328	.00042	.00007	.00345	.00051	.00008
%RSD	81.370	360.39	29.383	610.29	13.106	342.12	45.653

#1	-.00001	.01859	.00113	.00006	.02874	-.00021	.00025
#2	-.00003	-.04261	.00172	-.00004	.02386	.00051	.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01522	.00040	-.00400	-.00570	-.00025	-.00046	-.00042
Stddev	.00113	.00033	.00271	.00285	.00192	.00039	.00006
%RSD	7.4222	83.082	67.789	49.988	764.32	84.935	14.625

#1	.01602	.00064	-.00592	-.00369	.00111	-.00018	-.00046
#2	.01443	.00017	-.00208	-.00772	-.00161	-.00073	-.00037

Sample Name: CCB07 Acquired: 12/19/2018 19:24:11 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	.0015	-.00009	F<.00000	F 1.1991
Stddev	.00132	.0017	.00003	.12107	.1203
%RSD	120.25	115.2	39.176	2.6544	10.031

#1	-.00016	.0027	-.00011	-4.4753	1.1140
#2	-.00203	.0003	-.00006	-4.6465	1.2841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2920.3	64069.	4162.5	103.32	4296.8
Stddev	14.6	446.	218.2	4.78	24.3
%RSD	.49960	.69542	5.2409	4.6312	.56572

#1	2930.6	63753.	4008.2	99.933	4314.0
#2	2910.0	64384.	4316.7	106.70	4279.6

Sample Name: J6472-03LX5 Acquired: 12/19/2018 19:28:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00776	-.00095	.03907	.00129	.00065	4.9832	.25124	.00029
Stddev	.00197	.00203	.00350	.00006	.00038	.3399	.02403	.00001
%RSD	25.423	212.92	8.9628	4.5113	58.154	6.8218	9.5655	3.7735
#1	.00636	-.00239	.04155	.00125	.00038	5.2235	.23425	.00028
#2	.00915	.00048	.03660	.00133	.00091	4.7428	.26824	.00030
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	30.791	.02174	.00442	.08109	29.012	1.5618	12.889
Stddev	.00040	2.937	.00262	.00018	.00417	2.385	.1558	1.290
%RSD	75.402	9.5384	12.047	4.0330	5.1401	8.2212	9.9745	10.005
#1	-.00024	28.714	.02359	.00455	.08404	27.326	1.6720	11.977
#2	-.00080	32.867	.01989	.00430	.07814	30.699	1.4516	13.801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00783	-.00040	196.87	.02186	.30087	5.3057	.00444	.13324
Stddev	.00023	.00035	13.75	.00206	.01589	.4256	.00044	.01263
%RSD	2.8863	86.529	6.9852	9.4323	5.2822	8.0221	9.9801	9.4820
#1	.00799	-.00065	187.15	.02332	.28963	5.0047	.00475	.12431
#2	.00767	-.00016	206.60	.02040	.31211	5.6066	.00413	.14218
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5700	F 12.078	.00119	.13049	.00700	.2605	.21199	<.00000
Stddev	.1230	.633	.00035	.01047	.00180	.0098	.02027	3.9411
%RSD	3.4456	5.2371	29.204	8.0224	25.697	3.764	9.5633	106.73
#1	3.6570	11.630	.00144	.12309	.00573	.2675	.19765	-.90585
#2	3.4830	12.525	.00095	.13789	.00827	.2536	.22632	-6.4794

Sample Name: J6472-03LX5 Acquired: 12/19/2018 19:28:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6171
Stddev	.3924
%RSD	4.5535

#1	8.3396
#2	8.8945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.6	63212.	4290.3	103.47	3663.0
Stddev	87.0	5304.	298.9	6.14	121.1
%RSD	3.1719	8.3912	6.9665	5.9357	3.3058

#1	2680.1	59461.	4501.7	107.81	3577.4
#2	2803.0	66962.	4079.0	99.129	3748.6

Sample Name: J6472-03MS Acquired: 12/19/2018 19:32:22 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58483	1.4218	.87271	1.3488	.50953	29.709	.37742	.15234
Stddev	.00376	.0023	.00166	.0145	.00688	.290	.01216	.00179
%RSD	.64272	.16148	.19014	1.0774	1.3512	.97655	3.2207	1.1724

#1	.58217	1.4202	.87153	1.3385	.50466	29.915	.38601	.15360
#2	.58749	1.4235	.87388	1.3590	.51439	29.504	.36882	.15108

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14607	69.306	.41060	.16365	.33276	53.437	1.2004	17.603
Stddev	.00017	1.947	.00141	.00026	.00525	.592	.0088	.391
%RSD	.11859	2.8095	.34267	.15616	1.5771	1.1076	.73667	2.2215

#1	.14594	70.683	.41160	.16347	.32905	53.855	1.2067	17.880
#2	.14619	67.930	.40961	.16383	.33647	53.018	1.1942	17.327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39691	.05280	242.23	.32388	.62071	21.164	.29755	.51585
Stddev	.00075	.00026	11.32	.00242	.00633	.626	.00301	.02517
%RSD	.18978	.49451	4.6738	.74698	1.0204	2.9577	1.0105	4.8801

#1	.39638	.05262	250.23	.32559	.62519	21.606	.29542	.53365
#2	.39745	.05298	234.22	.32217	.61623	20.721	.29968	.49805

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4775	F 49.899	.50267	.78038	.19408	5.063	.44922	<.00000
Stddev	.0268	1.550	.00224	.02845	.00679	.014	.01336	.44575
%RSD	.35852	3.1054	.44528	3.6455	3.4992	.2740	2.9732	11.530

#1	7.4585	50.994	.50109	.80050	.19889	5.053	.45866	-3.5509
#2	7.4965	48.803	.50425	.76027	.18928	5.073	.43977	-4.1813

Sample Name: J6472-03MS Acquired: 12/19/2018 19:32:22 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8558
Stddev	1.1376
%RSD	19.427

#1	5.0514
#2	6.6602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2834.7	63747.	4247.9	99.683	3684.9
Stddev	13.4	605.	129.9	1.428	14.6
%RSD	.47194	.94848	3.0579	1.4324	.39510

#1	2844.1	63319.	4156.1	98.674	3674.6
#2	2825.2	64174.	4339.8	100.69	3695.2

Sample Name: J6472-03MSD Acquired: 12/19/2018 19:36:16 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59171	1.4498	.88826	1.3698	.51543	29.814	.37491	.15276
Stddev	.00132	.0116	.00246	.0025	.00008	.025	.01098	.00129
%RSD	.22366	.80311	.27651	.18552	.01527	.08219	2.9278	.84515
#1	.59078	1.4581	.89000	1.3716	.51549	29.797	.36715	.15368
#2	.59265	1.4416	.88652	1.3680	.51538	29.832	.38267	.15185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14871	68.524	.41276	.16613	.33792	53.420	1.2061	17.546
Stddev	.00066	1.789	.00331	.00067	.00044	1.908	.0083	.536
%RSD	.44062	2.6106	.80282	.40460	.12985	3.5717	.69075	3.0567
#1	.14917	67.259	.41511	.16660	.33823	52.071	1.2120	17.167
#2	.14824	69.789	.41042	.16565	.33761	54.769	1.2002	17.926
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40430	.05303	240.87	.32483	.61652	21.107	.30025	.50982
Stddev	.00121	.00011	5.12	.00249	.01821	.562	.00101	.00653
%RSD	.29885	.20493	2.1251	.76732	2.9534	2.6609	.33501	1.2814
#1	.40515	.05295	237.25	.32659	.60365	20.710	.29954	.50520
#2	.40344	.05311	244.49	.32306	.62940	21.504	.30096	.51444
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5977	F 49.496	.50976	.77465	.19249	5.140	.44471	<.00000
Stddev	.0427	1.450	.00040	.01828	.00430	.028	.01135	.33152
%RSD	.56134	2.9300	.07842	2.3599	2.2329	.5470	2.5532	8.4573
#1	7.6279	48.471	.51005	.76173	.18945	5.160	.43669	-3.6855
#2	7.5675	50.522	.50948	.78758	.19553	5.120	.45274	-4.1544

Sample Name: J6472-03MSD Acquired: 12/19/2018 19:36:16 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8172
Stddev	.0427
%RSD	.73427

#1	5.8474
#2	5.7870

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.1	63828.	4296.4	100.78	3635.4
Stddev	2.4	410.	104.4	2.78	17.9
%RSD	.08434	.64160	2.4289	2.7617	.49167

#1	2810.4	63539.	4370.2	102.75	3622.7
#2	2813.8	64118.	4222.6	98.815	3648.0

Sample Name: J6472-03A Acquired: 12/19/2018 19:40:10 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57875	1.4244	.86927	1.3431	.50169	29.145	.37193	.14899
Stddev	.00450	.0262	.01807	.0240	.00829	2.160	.00443	.01275
%RSD	.77678	1.8389	2.0792	1.7857	1.6519	7.4125	1.1897	8.5556
#1	.57558	1.4059	.85649	1.3261	.49583	27.617	.36880	.13998
#2	.58193	1.4429	.88205	1.3600	.50755	30.673	.37506	.15800
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14557	68.242	.40505	.16225	.32951	53.645	1.1764	17.204
Stddev	.00317	1.216	.03246	.00361	.00477	1.333	.0985	.308
%RSD	2.1746	1.7819	8.0142	2.2240	1.4477	2.4856	8.3767	1.7915
#1	.14333	67.382	.38209	.15970	.32613	52.702	1.1067	16.986
#2	.14781	69.102	.42800	.16480	.33288	54.588	1.2461	17.422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39515	.05133	235.18	.31717	.62090	20.840	.29417	.52353
Stddev	.00769	.00334	12.54	.02614	.01705	.270	.00545	.00443
%RSD	1.9464	6.5020	5.3322	8.2416	2.7459	1.2948	1.8514	.84709
#1	.38971	.04897	226.31	.29869	.60884	20.649	.29032	.52667
#2	.40059	.05369	244.04	.33566	.63295	21.031	.29802	.52040
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4277	F 48.983	.49958	.76296	.18908	5.035	.44122	<.00000
Stddev	.1355	1.235	.01295	.00943	.00288	.095	.00490	3.1995
%RSD	1.8244	2.5216	2.5927	1.2355	1.5230	1.885	1.1098	69.766
#1	7.3319	48.110	.49042	.75630	.18705	4.968	.43776	-6.8486
#2	7.5235	49.857	.50874	.76963	.19112	5.102	.44468	-2.3237

Sample Name: J6472-03A Acquired: 12/19/2018 19:40:10 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7180
Stddev	.6158
%RSD	10.770

#1	6.1535
#2	5.2825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.6	64968.	4297.6	99.467	3682.0
Stddev	44.1	4635.	56.0	2.509	70.8
%RSD	1.5485	7.1339	1.3038	2.5225	1.9224

#1	2876.7	68246.	4337.3	101.24	3732.0
#2	2814.4	61691.	4258.0	97.693	3631.9

Sample Name: J6477-04 Acquired: 12/19/2018 19:44:04 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EB-2018.12.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00007	k .00119	k -.00174	k .00214	k -.00014	s .02037	.02636	s .00005
Stddev	.00048	.00038	.00060	.00146	.00312	.00472	.00945	.00013
%RSD	649.76	31.572	34.674	68.449	2158.4	23.183	35.847	264.00

#1	k .00041	k .00146	k -.00217	k .00318	k -.00235	s .02371	.03305	s .00014
#2	k -.00026	k .00093	k -.00132	k .00110	k .00206	s .01703	.01968	s -.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00004	9.2010	s -.00007	k .00006	k .00322	k .03290	s .00012	.68966
Stddev	.00001	2.0623	.00047	.00001	.00015	.00812	.00031	.17566
%RSD	27.240	22.414	662.20	21.523	4.6024	24.664	266.19	25.470

#1	k .00005	10.659	s -.00041	k .00007	k .00311	k .03864	s .00034	.81387
#2	k .00003	7.7427	s .00026	k .00006	k .00332	k .02717	s -.00010	.56545

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00162	s -.00003	1.5917	s -.00002	k .01022	.26657	-.00003	k -.00257
Stddev	.00023	.00067	.3673	.00053	.00240	.00411	.00005	.01242
%RSD	14.473	2247.1	23.076	3245.1	23.473	1.5424	183.86	482.44

#1	k .00145	s .00045	1.8514	s -.00039	k .01191	.26948	-.00006	k -.01136
#2	k .00178	s -.00051	1.3320	s .00036	k .00852	.26367	.00001	k .00621

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.0836	k 2.4473	k -.00115	k -.00042	-.00259	k .0196	k .02386	<.00000
Stddev	.0049	.5153	.00004	.00167	.00125	.0016	.00542	.50368
%RSD	.45158	21.055	3.1047	393.43	48.285	8.165	22.719	4.5192

#1	k 1.0871	k 2.8117	k -.00113	k .00076	-.00171	k .0207	k .02769	-10.789
#2	k 1.0801	k 2.0830	k -.00118	k -.00161	-.00348	k .0184	k .02002	-11.501

Sample Name: J6477-04 Acquired: 12/19/2018 19:44:04 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EB-2018.12.1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5135
Stddev	.4959
%RSD	32.764

#1	1.1629
#2	1.8642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.9	^ *****	4146.1	105.50	4654.0
Stddev	10.0	-----	842.1	21.13	9.1
%RSD	.32383	-----	20.310	20.029	.19546

#1	3091.0	^ -----	3550.7	90.558	4660.5
#2	3076.8	^ -----	4741.6	120.44	4647.6

Sample Name: J6194-08 Acquired: 12/19/2018 19:48:07 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00163	.00262	.00658	-.00005	.14096	.07843	.00008
Stddev	.00209	.00043	.00065	.00095	.00169	.01149	.00573	.00001
%RSD	1007.1	26.399	24.751	14.494	3240.2	8.1529	7.3062	13.981

#1	.00127	-.00133	.00216	.00726	.00114	.14908	.08248	.00007
#2	-.00168	-.00194	.00308	.00591	-.00125	.13283	.07438	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	12.199	.00078	.00507	.00357	1.1682	.58715	.80870
Stddev	.00000	.573	.00049	.00002	.00057	.0581	.04261	.08555
%RSD	2.5226	4.6974	62.708	.35376	16.008	4.9750	7.2573	10.578

#1	.00013	12.605	.00113	.00508	.00316	1.2093	.61728	.86919
#2	.00013	11.794	.00044	.00505	.00397	1.1271	.55702	.74821

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	.00001	251.25	.00028	.02125	.63926	-.00002	.00256
Stddev	.00035	.00040	7.21	.00049	.00109	.00913	.00015	.00060
%RSD	8.6062	4308.0	2.8691	174.31	5.1304	1.4283	717.60	23.456

#1	.00436	.00029	256.35	-.00007	.02202	.64571	.00009	.00298
#2	.00386	-.00028	246.16	.00062	.02048	.63280	-.00013	.00213

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29867	.38059	.00008	-.00012	.00099	.0037	.03563	<.00000
Stddev	.00833	.02322	.00107	.00188	.00023	.0012	.00189	3.0501
%RSD	2.7876	6.1001	1373.0	1530.6	23.595	32.09	5.3025	106.07

#1	.29278	.39701	-.00068	-.00145	.00082	.0045	.03697	-.71880
#2	.30456	.36417	.00083	.00121	.00115	.0029	.03430	-5.0322

Sample Name: J6194-08 Acquired: 12/19/2018 19:48:07 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9961
 Stddev .0993
 %RSD 3.3155

#1 3.0663
 #2 2.9259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2721.1	62180.	4195.4	100.61	3691.4
Stddev	41.8	3989.	192.0	4.71	60.1
%RSD	1.5354	6.4146	4.5754	4.6795	1.6291

#1	2750.7	59359.	4059.7	97.283	3734.0
#2	2691.6	65000.	4331.2	103.94	3648.9

Sample Name: J6194-08DUP Acquired: 12/19/2018 19:52:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00180	-.00152	.00259	.00442	-.00055	.12865	.08015	.00013
Stddev	.00091	.00099	.00076	.00042	.00088	.01508	.00100	.00007
%RSD	50.539	64.959	29.468	9.3866	159.29	11.725	1.2492	52.262

#1	-.00244	-.00222	.00205	.00472	-.00118	.13932	.07944	.00018
#2	-.00116	-.00082	.00313	.00413	.00007	.11798	.08085	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	12.645	.00141	.00535	.00372	1.1773	.60028	.80768
Stddev	.00006	.100	.00006	.00014	.00028	.0109	.01039	.02358
%RSD	71.025	.79024	4.6032	2.5295	7.6357	.92634	1.7302	2.9199

#1	.00013	12.575	.00146	.00525	.00392	1.1695	.60763	.82435
#2	.00004	12.716	.00137	.00544	.00352	1.1850	.59294	.79100

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	-.00018	260.66	.00012	.02236	.62012	-.00004	-.00311
Stddev	.00010	.00004	1.25	.00001	.00013	.04575	.00020	.00229
%RSD	2.8291	19.519	.47843	4.8933	.56444	7.3770	462.70	73.514

#1	.00369	-.00016	259.78	.00012	.02245	.58778	.00010	-.00473
#2	.00355	-.00021	261.54	.00013	.02227	.65247	-.00018	-.00150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29828	.39496	-.00021	-.00036	.00257	.0041	.03704	<.00000
Stddev	.00056	.00115	.00011	.00308	.00105	.0007	.00045	.54548
%RSD	.18869	.29109	54.680	852.33	40.908	16.40	1.2097	17.079

#1	.29868	.39577	-.00029	.00182	.00331	.0045	.03672	-2.8082
#2	.29788	.39414	-.00013	-.00254	.00183	.0036	.03735	-3.5796

Sample Name: J6194-08DUP Acquired: 12/19/2018 19:52:17 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8639
Stddev .7360
%RSD 25.697

#1 3.3843
#2 2.3435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.5	61580.	4066.0	97.596	3642.8
Stddev	6.6	924.	19.5	.442	24.8
%RSD	.24675	1.4999	.47959	.45283	.68033

#1	2677.9	60927.	4079.7	97.283	3625.3
#2	2687.2	62233.	4052.2	97.908	3660.3

Sample Name: J6194-08LX5 Acquired: 12/19/2018 19:56:26 Type: Unk
Method: P4-ICP2(v2669) 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	-.00028	-.00089	.00017	.00201	.00130	.03007	.01430	.00007
Stddev	.00119	.00130	.00036	.00237	.00099	.00744	.00192	.00001
%RSD	430.15	145.64	204.81	118.40	76.075	24.755	13.431	16.135

#1	-.00112	-.00181	-.00008	.00033	.00200	.02480	.01294	.00008
#2	.00056	.00003	.00043	.00368	.00060	.03533	.01566	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	2.4663	.00019	.00113	.00103	.21558	.12172	.21604
Stddev	.00005	.2136	.00048	.00007	.00046	.02600	.00566	.01528
%RSD	91.856	8.6614	252.41	6.2639	44.617	12.061	4.6533	7.0740

#1	.00002	2.3153	-.00015	.00118	.00136	.19720	.11772	.22684
#2	.00009	2.6174	.00053	.00108	.00071	.23397	.12573	.20523

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00029	51.532	.00019	.00418	.16395	.00010	-.00435
Stddev	.00001	.00058	5.388	.00016	.00038	.00105	.00001	.00180
%RSD	.84835	200.38	10.456	82.812	9.1464	.64120	12.503	41.333

#1	.00098	.00012	47.722	.00031	.00391	.16469	.00011	-.00308
#2	.00097	-.00070	55.342	.00008	.00445	.16320	.00009	-.00562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05725	.07815	-.00110	-.00112	-.00107	.0025	.00720	<.00000
Stddev	.00216	.00686	.00011	.00001	.00117	.0010	.00066	2.0915
%RSD	3.7800	8.7840	9.6278	1.2776	108.55	39.51	9.1969	31.501

#1	.05879	.07330	-.00118	-.00111	-.00190	.0032	.00674	-8.1186
#2	.05572	.08300	-.00103	-.00113	-.00025	.0018	.00767	-5.1607

Sample Name: J6194-08LX5 Acquired: 12/19/2018 19:56:26 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2433
Stddev	.0801
%RSD	6.4435

#1	1.1866
#2	1.2999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.7	65772.	4273.7	104.82	4026.4
Stddev	9.2	2487.	333.3	8.11	17.3
%RSD	.32243	3.7804	7.7993	7.7364	.42894

#1	2858.2	67530.	4509.4	110.55	4014.2
#2	2871.2	64014.	4038.0	99.083	4038.6

Sample Name: J6194-08MS Acquired: 12/19/2018 20:00:31 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63491	1.6326	.80194	1.6265	.63966	1.8309	.26035	.17109
Stddev	.00690	.0374	.01820	.0175	.00938	.0531	.00230	.00355
%RSD	1.0867	2.2909	2.2690	1.0771	1.4670	2.9000	.88223	2.0767
#1	.63003	1.6062	.78907	1.6141	.63302	1.7934	.26198	.16857
#2	.63979	1.6591	.81480	1.6389	.64629	1.8685	.25873	.17360
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16799	14.542	.36832	.17393	.25565	3.7780	.84515	2.6059
Stddev	.00353	.051	.00765	.00340	.00377	.0607	.01746	.0493
%RSD	2.1027	.34957	2.0772	1.9526	1.4757	1.6064	2.0654	1.8911
#1	.16549	14.578	.36291	.17153	.25298	3.7351	.83281	2.5711
#2	.17049	14.506	.37373	.17633	.25831	3.8210	.85750	2.6407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42028	.06000	283.31	.26981	.18736	9.3402	.33266	.24134
Stddev	.00903	.00178	.96	.00584	.00285	.0981	.00520	.00255
%RSD	2.1474	2.9699	.33725	2.1654	1.5214	1.0505	1.5638	1.0582
#1	.41390	.05874	283.99	.26568	.18534	9.4096	.32898	.23954
#2	.42667	.06126	282.64	.27394	.18937	9.2708	.33634	.24315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32220	1.1955	.55476	.16214	.17054	4.690	.20525	<.00000
Stddev	.00931	.0080	.01139	.00071	.00256	.098	.00148	.75462
%RSD	2.8899	.67320	2.0523	.43972	1.4992	2.089	.72130	23.785
#1	.31561	1.2012	.54671	.16264	.17234	4.621	.20630	-3.7063
#2	.32878	1.1898	.56281	.16163	.16873	4.760	.20421	-2.6391

Sample Name: J6194-08MS Acquired: 12/19/2018 20:00:31 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81038
Stddev	.01111
%RSD	1.3707

#1	.80253
#2	.81824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2728.4	61986.	4156.8	104.06	3688.6
Stddev	20.0	998.	49.6	1.02	50.0
%RSD	.73339	1.6107	1.1941	.97962	1.3554

#1	2742.6	62692.	4121.7	104.78	3724.0
#2	2714.3	61280.	4191.9	103.34	3653.3

Sample Name: J6194-08MSD Acquired: 12/19/2018 20:04:28 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64990	1.6881	.82986	1.6755	.65805	1.8164	.27150	.16785
Stddev	.00842	.0465	.02423	.0276	.01310	.0220	.00371	.00061
%RSD	1.2963	2.7566	2.9200	1.6482	1.9911	1.2083	1.3681	.36077
#1	.65586	1.7210	.84699	1.6950	.66731	1.8009	.27412	.16742
#2	.64394	1.6552	.81272	1.6560	.64878	1.8319	.26887	.16828
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17378	15.110	.36184	.18005	.26131	4.0390	.82876	2.6929
Stddev	.00440	.099	.00059	.00403	.00492	.0432	.00422	.0686
%RSD	2.5308	.65385	.16369	2.2370	1.8813	1.0707	.50958	2.5484
#1	.17689	15.179	.36142	.18290	.26479	4.0695	.82578	2.7414
#2	.17067	15.040	.36226	.17721	.25783	4.0084	.83175	2.6444
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43357	.05853	289.60	.26582	.19746	9.6756	.34154	.25946
Stddev	.01157	.00054	.48	.00077	.00410	.0914	.00658	.01092
%RSD	2.6679	.92799	.16438	.28842	2.0743	.94462	1.9251	4.2104
#1	.44175	.05815	289.27	.26528	.20036	9.7402	.34619	.26718
#2	.42539	.05892	289.94	.26637	.19457	9.6109	.33689	.25173
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33480	1.2085	.57337	.17195	.17853	4.844	.21279	<.00000
Stddev	.00826	.0131	.01470	.00173	.00120	.120	.00162	.12041
%RSD	2.4681	1.0801	2.5643	1.0082	.67233	2.468	.76282	2.7773
#1	.34065	1.2178	.58376	.17317	.17769	4.928	.21394	-4.2504
#2	.32896	1.1993	.56297	.17072	.17938	4.759	.21164	-4.4207

Sample Name: J6194-08MSD Acquired: 12/19/2018 20:04:28 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.88204
Stddev	.77674
%RSD	88.062

#1	1.4313
#2	.33280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.3	63309.	4072.3	99.646	3605.1
Stddev	37.8	45.	66.1	1.868	80.4
%RSD	1.4071	.07055	1.6242	1.8746	2.2299

#1	2656.6	63277.	4025.5	98.325	3548.2
#2	2710.0	63340.	4119.0	100.97	3661.9

Sample Name: CCV08 Acquired: 12/19/2018 20:08:25 Type: Unk
Method: P4-ICP2(v2669) 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 4.1766	4.5413	F 4.3372	F 4.2586	F 4.3513	F 8.9425	F 8.7570
Stddev	.1249	.1456	.1351	.1482	.1354	.1644	.8784
%RSD	2.9899	3.2071	3.1142	3.4809	3.1124	1.8381	10.031

#1	4.2649	4.6443	4.4327	4.3634	4.4471	8.8262	9.3781
#2	4.0883	4.4383	4.2417	4.1537	4.2556	9.0587	8.1359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23097	F 2.2149	23.002	.96952	F 2.1614	F 1.0959	F 4.4532
Stddev	.00552	.0663	1.989	.02318	.0673	.0383	.3565
%RSD	2.3915	2.9932	8.6479	2.3909	3.1149	3.4974	8.0063

#1	.22706	2.2618	24.408	.95312	2.2090	1.1230	4.7053
#2	.23488	2.1680	21.595	.98591	2.1138	1.0688	4.2011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3586	22.505	F 2.1463	1.1427	F 22.184	2.3121	F 2.2049
Stddev	.0549	1.936	.0690	.0235	2.193	.0507	.1648
%RSD	2.3258	8.6009	3.2145	2.0599	9.8862	2.1935	7.4742

#1	2.3198	23.874	2.1951	1.1260	23.735	2.2762	2.3214
#2	2.3973	21.136	2.0975	1.1593	20.633	2.3480	2.0884

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.609	F 4.4206	F 4.4394	F 4.1960	4.5937	F 4.3926	F 4.4389
Stddev	2.171	.1405	.4005	.1246	.3750	.1433	.4249
%RSD	10.046	3.1786	9.0218	2.9696	8.1638	3.2631	9.5728

#1	23.144	4.5200	4.7226	4.2841	4.8589	4.4940	4.7394
#2	20.074	4.3212	4.1562	4.1079	4.3285	4.2912	4.1384

Sample Name: CCV08 Acquired: 12/19/2018 20:08:25 Type: Unk
Method: P4-ICP2(v2669) 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 4.3143	F 4.236	F 4.4458	F<.00000	F 3.3285
Stddev	.4239	.133	.4233	.70761	.4932
%RSD	9.8260	3.142	9.5209	19.816	14.818

#1	4.6140	4.330	4.7451	-4.0713	2.9797
#2	4.0145	4.142	4.1465	-3.0706	3.6772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.8	63823.	4345.8	105.98	3875.3
Stddev	84.3	1196.	357.6	7.64	108.9
%RSD	2.9366	1.8733	8.2295	7.2097	2.8101

#1	2811.2	64668.	4093.0	100.57	3798.2
#2	2930.4	62978.	4598.7	111.38	3952.3

Sample Name: CCB08 Acquired: 12/19/2018 20:12:10 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00116	-.00089	F .00529	.00140	.00939	.00075
Stddev	.00047	.00039	.00105	.00080	.00057	.00239	.00061
%RSD	45.041	33.580	118.39	15.066	40.910	25.477	81.011

#1	-.00071	.00144	-.00014	.00585	.00180	.01108	.00118
#2	-.00138	.00088	-.00163	.00473	.00099	.00770	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00009	.00749	.00029	-.00001	.00018	.00159
Stddev	.00001	.00000	.00737	.00026	.00010	.00014	.01082
%RSD	25.257	2.0791	98.462	89.589	1104.8	74.728	680.15

#1	.00003	.00009	.01270	.00047	.00006	.00028	-.00606
#2	.00004	.00009	.00227	.00011	-.00008	.00009	.00924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00967	.00140	.00003	.07273	.00023	-.00002
Stddev	.00001	.04324	.00027	.00016	.00012	.00017	.00005
%RSD	49.591	447.00	18.990	581.33	.17013	75.157	224.80

#1	.00004	.02090	.00121	-.00008	.07264	.00035	.00001
#2	.00002	-.04025	.00159	.00014	.07282	.00011	-.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02247	.00033	-.00579	-.00336	-.00048	-.00019	-.00109
Stddev	.03217	.00009	.00493	.00078	.00113	.00086	.00086
%RSD	143.18	27.852	85.097	23.239	234.38	461.37	78.978

#1	-.00028	.00026	-.00928	-.00281	.00032	.00042	-.00048
#2	.04522	.00039	-.00231	-.00392	-.00128	-.00079	-.00169

Sample Name: CCB08 Acquired: 12/19/2018 20:12:10 Type: Unk
 Method: P4-ICP2(v2669) 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	-.00009	.0009	-.00002	F<.00000	F 1.0385
Stddev	.00111	.0013	.00003	1.1169	.5071
%RSD	1251.3	135.9	145.11	13.329	48.824

#1	.00070	.0000	-.00004	-7.5900	1.3971
#2	-.00087	.0019	.00000	-9.1695	.67999

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2982.7	68043.	4095.6	100.04	4402.4
Stddev	43.5	779.	129.3	2.17	69.0
%RSD	1.4587	1.1442	3.1560	2.1676	1.5663

#1	2952.0	67492.	4004.2	98.508	4353.7
#2	3013.5	68593.	4187.0	101.58	4451.2

Sample Name: J6194-08A Acquired: 12/19/2018 20:16:16 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64725	1.6625	.81653	1.6565	.65314	1.8641	.25717	.17485
Stddev	.00395	.0289	.01504	.0099	.00405	.0647	.02569	.00993
%RSD	.61041	1.7372	1.8425	.59947	.61998	3.4705	9.9894	5.6763
#1	.64446	1.6420	.80589	1.6495	.65028	1.8183	.27534	.16784
#2	.65005	1.6829	.82717	1.6635	.65601	1.9098	.23901	.18187
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17112	14.326	.37787	.17697	.26009	3.8026	.86605	2.5799
Stddev	.00291	1.346	.01917	.00320	.00198	.2872	.04858	.2138
%RSD	1.6991	9.3974	5.0744	1.8073	.76033	7.5517	5.6096	8.2870
#1	.16907	15.278	.36431	.17471	.25869	4.0057	.83170	2.7311
#2	.17318	13.374	.39143	.17923	.26148	3.5996	.90040	2.4287
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42777	.06155	279.84	.27623	.18777	9.1667	.33975	.24460
Stddev	.00748	.00251	21.84	.01663	.01301	.8369	.00223	.01979
%RSD	1.7494	4.0746	7.8055	6.0198	6.9269	9.1298	.65676	8.0923
#1	.42248	.05977	295.28	.26448	.19697	9.7585	.33817	.25860
#2	.43306	.06332	264.39	.28799	.17858	8.5749	.34132	.23061
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33141	1.1755	.56642	.16355	.16593	4.774	.20165	<.00000
Stddev	.00525	.0869	.00986	.01692	.01495	.084	.01934	1.4900
%RSD	1.5828	7.3916	1.7400	10.345	9.0126	1.754	9.5919	60.312
#1	.32770	1.2370	.55945	.17551	.17650	4.715	.21532	-3.5240
#2	.33512	1.1141	.57339	.15159	.15536	4.833	.18797	-1.4169

Sample Name: J6194-08A Acquired: 12/19/2018 20:16:16 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4983
Stddev	.0343
%RSD	2.2911

#1	1.5226
#2	1.4740

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.2	60742.	4225.4	104.15	3637.6
Stddev	8.3	2732.	365.3	7.61	44.9
%RSD	.31134	4.4973	8.6444	7.3039	1.2346

#1	2687.1	62674.	3967.1	98.775	3669.3
#2	2675.3	58810.	4483.7	109.53	3605.8

Sample Name: J6194-10 Acquired: 12/19/2018 20:20:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00124	.00288	.00467	.00054	.13476	.05821	.00007
Stddev	.00075	.00065	.00050	.00230	.00028	.01125	.00393	.00004
%RSD	566.61	52.742	17.413	49.321	52.741	8.3471	6.7432	57.255

#1	.00066	-.00078	.00252	.00304	.00074	.12681	.05543	.00004
#2	-.00040	-.00170	.00323	.00630	.00034	.14271	.06098	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	8.2810	.00094	.00280	.00348	1.5294	.32694	.44453
Stddev	.00007	.5377	.00029	.00003	.00025	.1164	.01050	.00069
%RSD	400.84	6.4927	31.374	1.2360	7.3105	7.6076	3.2126	.15502

#1	-.00006	7.9008	.00115	.00277	.00366	1.4471	.31951	.44404
#2	.00003	8.6611	.00073	.00282	.00330	1.6116	.33437	.44501

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00009	253.88	.00039	.01713	.49348	-.00006	.00274
Stddev	.00001	.00022	16.70	.00063	.00088	.00177	.00002	.00000
%RSD	.33297	231.89	6.5773	163.08	5.1325	.35931	38.181	.10924

#1	.00320	.00025	242.07	-.00006	.01651	.49223	-.00005	.00274
#2	.00318	-.00006	265.68	.00084	.01775	.49474	-.00008	.00275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08258	.21570	-.00007	-.00074	.00154	.0025	.02129	<.00000
Stddev	.00162	.01225	.00001	.00094	.00104	.0007	.00132	1.6194
%RSD	1.9628	5.6769	10.316	126.24	67.446	27.44	6.1790	72.309

#1	.08373	.20704	-.00007	-.00008	.00080	.0020	.02036	-3.3847
#2	.08143	.22436	-.00008	-.00141	.00227	.0030	.02222	-1.0945

Sample Name: J6194-10 Acquired: 12/19/2018 20:20:13 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-01-121818 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8048
Stddev .9220
%RSD 32.872

#1 2.1528
#2 3.4567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.6	59705.	4191.0	100.91	3647.5
Stddev	9.9	1575.	192.8	4.67	14.1
%RSD	.36654	2.6374	4.6014	4.6305	.38765

#1	2680.6	60819.	4327.3	104.22	3637.5
#2	2694.6	58592.	4054.6	97.608	3657.5

Sample Name: J6196-08 Acquired: 12/19/2018 20:24:24 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00281	.00251	.00595	.00021	.22763	.13090	.00023
Stddev	.00111	.00077	.00040	.00129	.00182	.00307	.01005	.00004
%RSD	87.308	27.347	15.900	21.779	870.40	1.3493	7.6756	17.593

#1	-.00205	-.00335	.00280	.00686	-.00108	.22546	.12380	.00021
#2	-.00048	-.00227	.00223	.00503	.00150	.22980	.13801	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	48.866	.00201	.00440	.00377	1.6216	1.0273	2.8750
Stddev	.00005	3.796	.00024	.00035	.00028	.1230	.0159	.2672
%RSD	127.99	7.7686	11.865	8.0215	7.4094	7.5820	1.5504	9.2938

#1	-.00000	46.182	.00217	.00465	.00396	1.5347	1.0161	2.6861
#2	-.00007	51.550	.00184	.00415	.00357	1.7085	1.0386	3.0640

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	-.00004	409.02	.00107	.01755	.96030	.00020	-.00062
Stddev	.00075	.00048	24.18	.00011	.00124	.04357	.00011	.00097
%RSD	13.404	1288.4	5.9105	10.112	7.0417	4.5371	56.596	155.62

#1	.00616	.00030	391.93	.00115	.01667	.92950	.00028	-.00131
#2	.00509	-.00038	426.12	.00099	.01842	.99111	.00012	.00006

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36664	1.4287	.00012	.00077	.00446	.0036	.16656	<.00000
Stddev	.01778	.0584	.00019	.00142	.00250	.0010	.01242	.80721
%RSD	4.8498	4.0864	153.92	182.72	56.194	27.93	7.4558	141.08

#1	.37921	1.3874	-.00001	.00178	.00269	.0029	.15777	-1.1429
#2	.35407	1.4700	.00025	-.00023	.00623	.0043	.17534	-.00137

Sample Name: J6196-08 Acquired: 12/19/2018 20:24:24 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9186
 Stddev .3712
 %RSD 9.4725

#1 4.1811
 #2 3.6562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.4	57643.	4140.2	100.58	3455.6
Stddev	64.4	596.	200.7	6.62	105.3
%RSD	2.4770	1.0331	4.8462	6.5851	3.0461

#1	2554.8	58064.	4282.1	105.27	3381.1
#2	2645.9	57222.	3998.4	95.901	3530.0

Sample Name: J6196-10 Acquired: 12/19/2018 20:28:34 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	-.00218	.00933	.00808	.00108	.21099	.13766	.00015
Stddev	.00031	.00084	.00011	.00184	.00159	.01070	.00744	.00006
%RSD	14.343	38.465	1.1960	22.727	146.59	5.0716	5.4073	35.953

#1	-.00239	-.00158	.00925	.00937	-.00004	.21856	.13240	.00019
#2	-.00195	-.00277	.00941	.00678	.00221	.20342	.14293	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	23.606	.00224	.00668	.00696	1.9762	1.1381	2.0490
Stddev	.00001	1.336	.00028	.00012	.00047	.1395	.0257	.1029
%RSD	22.919	5.6582	12.732	1.8602	6.6956	7.0611	2.2551	5.0219

#1	.00005	22.662	.00244	.00676	.00729	1.8775	1.1563	1.9763
#2	.00007	24.551	.00203	.00659	.00663	2.0749	1.1200	2.1218

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00565	.00026	434.03	.00028	.03347	1.3470	.00007	.00368
Stddev	.00001	.00057	17.62	.00032	.00181	.0710	.00055	.00952
%RSD	.08914	216.12	4.0594	112.88	5.3984	5.2708	823.64	258.81

#1	.00565	.00067	421.57	.00006	.03219	1.2968	.00046	.01041
#2	.00566	-.00014	446.49	.00050	.03475	1.3972	-.00032	-.00305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23951	.74287	.00048	-.00065	.00578	.0047	.08436	<.00000
Stddev	.00304	.03437	.00034	.00157	.00148	.0001	.00434	1.1241
%RSD	1.2712	4.6260	71.744	243.34	25.527	1.772	5.1488	65.960

#1	.24166	.71857	.00024	-.00176	.00474	.0047	.08129	-.90938
#2	.23736	.76717	.00072	.00047	.00683	.0048	.08743	-2.4991

Sample Name: J6196-10 Acquired: 12/19/2018 20:28:34 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9733
 Stddev .1485
 %RSD 3.7371

#1 3.8683
 #2 4.0783

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.3	59433.	3977.1	95.000	3478.5
Stddev	2.7	1173.	165.5	5.586	1.8
%RSD	.10254	1.9743	4.1616	5.8802	.05078

#1	2613.4	58603.	4094.1	98.950	3479.8
#2	2617.2	60263.	3860.0	91.050	3477.3

Sample Name: J6196-12 Acquired: 12/19/2018 20:32:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 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	-.00285	.01635	.00708	.00033	.31095	.13795	.00019
Stddev	.00104	.00076	.00052	.00129	.00065	.00560	.00264	.00002
%RSD	2302.1	26.727	3.2116	18.175	198.54	1.8011	1.9168	8.4653

#1	.00069	-.00339	.01597	.00799	.00078	.31491	.13608	.00018
#2	-.00078	-.00231	.01672	.00617	-.00013	.30699	.13982	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	32.346	.00145	.00720	.00531	1.7044	1.0721	2.2393
Stddev	.00002	.567	.00063	.00002	.00001	.0213	.0258	.1848
%RSD	4.5113	1.7518	43.851	.27132	.26862	1.2515	2.4061	8.2513

#1	.00042	31.945	.00100	.00722	.00532	1.6893	1.0903	2.1086
#2	.00045	32.747	.00189	.00719	.00530	1.7195	1.0539	2.3699

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	.00003	420.16	.00025	.07731	1.0522	-.00002	.00475
Stddev	.00021	.00044	8.00	.00062	.00102	.0169	.00016	.00424
%RSD	4.1227	1348.8	1.9029	246.94	1.3223	1.6046	702.48	89.293

#1	.00533	.00034	414.51	-.00019	.07658	1.0402	-.00014	.00775
#2	.00503	-.00028	425.82	.00069	.07803	1.0641	.00009	.00175

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53989	2.2999	.00006	.00063	.00484	.0046	.15520	<.00000
Stddev	.00701	.0213	.00036	.00006	.00084	.0005	.00210	1.0627
%RSD	1.2988	.92495	627.95	9.5158	17.409	10.24	1.3533	41.977

#1	.53493	2.2848	-.00020	.00067	.00424	.0042	.15371	-1.7802
#2	.54484	2.3149	.00031	.00059	.00543	.0049	.15668	-3.2832

Sample Name: J6196-12 Acquired: 12/19/2018 20:32:44 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4166
 Stddev .3305
 %RSD 9.6730

#1 3.6503
 #2 3.1830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.8	59040.	4123.6	98.129	3509.6
Stddev	4.3	1227.	32.9	.572	6.2
%RSD	.16371	2.0784	.79776	.58248	.17609

#1	2635.9	58172.	4146.9	98.533	3514.0
#2	2629.8	59908.	4100.3	97.725	3505.3

Sample Name: J6199-10 Acquired: 12/19/2018 20:36:53 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00228	-.00370	.00159	.00711	.00060	.13748	.10759	.00007
Stddev	.00154	.00069	.00032	.00122	.00141	.00160	.00084	.00001
%RSD	67.715	18.643	20.179	17.131	234.37	1.1648	.78253	7.4105

#1	-.00337	-.00321	.00137	.00797	.00160	.13635	.10699	.00007
#2	-.00119	-.00419	.00182	.00625	-.00040	.13862	.10818	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	14.220	.00016	.01846	.00352	1.2007	1.0735	1.4367
Stddev	.00010	.089	.00018	.00035	.00039	.0184	.0043	.0015
%RSD	416.50	.62411	111.57	1.8714	11.092	1.5298	.39913	.10770

#1	.00005	14.158	.00028	.01821	.00325	1.1877	1.0766	1.4356
#2	-.00009	14.283	.00003	.01870	.00380	1.2137	1.0705	1.4378

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00405	.00055	280.54	.00017	.02247	.75854	-.00016	.01153
Stddev	.00003	.00084	1.48	.00003	.00009	.03413	.00016	.00217
%RSD	.80541	152.07	.52836	20.896	.41651	4.4990	99.190	18.857

#1	.00403	.00115	279.49	.00019	.02253	.73441	-.00005	.00999
#2	.00408	-.00004	281.59	.00014	.02240	.78267	-.00028	.01306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24197	.59432	.00030	-.00088	.00207	.0041	.05234	<.00000
Stddev	.00204	.01030	.00051	.00185	.00136	.0010	.00057	.32687
%RSD	.84289	1.7337	169.54	210.97	65.613	23.99	1.0980	13.104

#1	.24053	.60161	.00066	-.00218	.00111	.0047	.05193	-2.7256
#2	.24341	.58703	-.00006	.00043	.00303	.0034	.05274	-2.2633

Sample Name: J6199-10 Acquired: 12/19/2018 20:36:53 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4742
Stddev	.0207
%RSD	.59702

#1	3.4595
#2	3.4889

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.0	59139.	4167.0	101.03	3629.3
Stddev	9.2	349.	32.5	.59	19.6
%RSD	.34539	.58988	.77904	.58323	.54013

#1	2683.5	58892.	4144.0	100.62	3643.2
#2	2670.5	59385.	4189.9	101.45	3615.4

Sample Name: J6199-12 Acquired: 12/19/2018 20:41:02 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	-.00324	.00369	.00531	.00134	.13220	.10840	.00004
Stddev	.00199	.00000	.00033	.00029	.00127	.01114	.00052	.00001
%RSD	179.46	.00922	9.0041	5.4191	94.393	8.4266	.48042	20.832

#1	-.00252	-.00324	.00393	.00551	.00224	.12432	.10877	.00005
#2	.00030	-.00324	.00346	.00511	.00045	.14008	.10803	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	14.430	.00076	.00789	.00489	.06247	.75298	1.3742
Stddev	.00005	.038	.00009	.00019	.00016	.00404	.00127	.0134
%RSD	53.827	.26338	11.725	2.4128	3.3392	6.4647	.16856	.97705

#1	.00006	14.403	.00070	.00803	.00500	.05961	.75209	1.3647
#2	.00014	14.457	.00082	.00776	.00477	.06532	.75388	1.3837

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00412	.00028	268.10	.00001	.01810	.79564	.00028	.00243
Stddev	.00035	.00075	6.00	.00021	.00030	.02734	.00024	.00345
%RSD	8.5736	268.56	2.2361	2574.6	1.6298	3.4365	85.249	142.04

#1	.00387	.00080	272.34	-.00014	.01831	.77631	.00045	.00487
#2	.00437	-.00025	263.86	.00016	.01789	.81497	.00011	-.00001

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39257	.51268	.00016	.00198	.00380	.0043	.05060	<.00000
Stddev	.00914	.00474	.00026	.00134	.00028	.0009	.00043	.83059
%RSD	2.3288	.92475	162.53	67.660	7.3623	21.87	.84455	44.663

#1	.39904	.50933	-.00002	.00103	.00400	.0050	.05090	-1.2724
#2	.38611	.51603	.00035	.00293	.00360	.0037	.05029	-2.4470

Sample Name: J6199-12 Acquired: 12/19/2018 20:41:02 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4894
 Stddev .2894
 %RSD 11.626

#1 2.2848
 #2 2.6941

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.2	58351.	4036.3	96.729	3555.0
Stddev	62.3	440.	32.3	1.491	81.9
%RSD	2.3824	.75464	.79901	1.5412	2.3047

#1	2570.2	58040.	4013.5	95.675	3497.0
#2	2658.2	58663.	4059.1	97.783	3612.9

Sample Name: J6466-01 Acquired: 12/19/2018 20:45:12 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.00170	-.00035	.00309	.01017	.01370	.10983	-.00009
Stddev	.00094	.00074	.00014	.00191	.00042	.00533	.00662	.00003
%RSD	62.172	43.777	40.127	61.760	4.1300	38.894	6.0316	36.778

#1	-.00218	-.00223	-.00025	.00444	.00988	.00993	.11452	-.00007
#2	-.00085	-.00117	-.00045	.00174	.01047	.01747	.10515	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.14089	.00117	.00014	.00052	.01088	.00087	.00673
Stddev	.00003	.01339	.00021	.00019	.00024	.00861	.00010	.01118
%RSD	48.705	9.5037	17.530	133.21	45.144	79.128	11.052	166.03

#1	-.00009	.13142	.00103	.00001	.00069	.01696	.00093	-.00117
#2	-.00005	.15036	.00132	.00027	.00036	.00479	.00080	.01464

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00023	250.07	.00006	.07230	.28831	.00014	.02134
Stddev	.00013	.00025	15.22	.00051	.00332	.00547	.00004	.00347
%RSD	5.2939	111.15	6.0876	910.50	4.5947	1.8976	25.843	16.265

#1	.00242	.00005	260.84	.00042	.07465	.29218	.00011	.02379
#2	.00261	.00041	239.31	-.00031	.06995	.28444	.00017	.01888

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12469	.01199	-.00031	-.00079	.00265	.0673	.00165	<.00000
Stddev	.00574	.00219	.00016	.00185	.00070	.0023	.00002	.90046
%RSD	4.6007	18.277	51.244	234.38	26.520	3.383	1.1261	20.241

#1	.12063	.01354	-.00020	-.00209	.00315	.0657	.00167	-3.8121
#2	.12875	.01044	-.00043	.00052	.00216	.0689	.00164	-5.0855

Sample Name: J6466-01 Acquired: 12/19/2018 20:45:12 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.0690
Stddev	.0937
%RSD	4.5277

#1	2.1353
#2	2.0028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.1	61421.	3925.5	95.342	3690.6
Stddev	36.2	1043.	230.8	4.254	75.3
%RSD	1.3561	1.6987	5.8786	4.4623	2.0414

#1	2693.7	60684.	3762.3	92.333	3743.8
#2	2642.5	62159.	4088.7	98.350	3637.3

Sample Name: J6469-02 Acquired: 12/19/2018 20:49:23 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-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	-.00229	-.00366	.01327	.00606	.00081	.27100	.28212	.00013
Stddev	.00130	.00058	.00200	.00100	.00188	.00254	.02359	.00008
%RSD	56.677	15.885	15.056	16.469	230.78	.93694	8.3624	57.371

#1	-.00321	-.00408	.01468	.00535	-.00051	.27279	.29880	.00008
#2	-.00137	-.00325	.01186	.00676	.00214	.26920	.26544	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	11.070	.00143	.00263	.00451	.94168	.21283	.50710
Stddev	.00007	.789	.00025	.00035	.00018	.06402	.00886	.00361
%RSD	841.89	7.1279	17.160	13.351	3.8908	6.7986	4.1639	.71172

#1	-.00004	11.628	.00126	.00288	.00438	.98695	.20656	.50455
#2	.00005	10.512	.00161	.00238	.00463	.89641	.21909	.50965

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.00003	431.90	.00015	.15380	1.9031	.00016	.03409
Stddev	.00024	.00039	34.30	.00023	.01156	.0849	.00012	.01162
%RSD	4.1604	1526.2	7.9410	154.12	7.5144	4.4617	72.239	34.074

#1	.00589	-.00025	456.15	-.00001	.16197	1.9631	.00024	.04231
#2	.00555	.00030	407.64	.00031	.14563	1.8431	.00008	.02588

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23357	.58052	.00100	-.00166	.00307	.0070	.01884	<.00000
Stddev	.01173	.03712	.00044	.00076	.00209	.0018	.00124	1.4321
%RSD	5.0208	6.3938	44.324	45.945	68.267	25.21	6.6066	115.05

#1	.24186	.60676	.00132	-.00220	.00455	.0083	.01972	-2.2574
#2	.22528	.55427	.00069	-.00112	.00159	.0058	.01796	-.23213

Sample Name: J6469-02 Acquired: 12/19/2018 20:49:23 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6736
 Stddev .0952
 %RSD 2.5906

#1 3.7409
 #2 3.6063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.2	57094.	4124.9	100.31	3660.8
Stddev	101.9	1927.	283.8	7.36	166.6
%RSD	3.7420	3.3745	6.8799	7.3369	4.5500

#1	2651.1	58456.	3924.2	95.108	3543.1
#2	2795.2	55732.	4325.6	105.52	3778.6

Sample Name: J6470-02 Acquired: 12/19/2018 20:53:32 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OD-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	-.00213	-.00308	-.00099	.00010	.00124	.01486	.09391	.00000
Stddev	.00254	.00088	.00023	.00392	.00014	.00387	.00664	.00001
%RSD	118.94	28.533	23.384	4114.9	11.338	26.062	7.0658	254.60

#1	-.00393	-.00370	-.00083	.00287	.00114	.01759	.08921	-.00000
#2	-.00034	-.00246	-.00116	-.00267	.00134	.01212	.09860	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.27525	.00319	-.00005	.00363	5.2597	.02185	-.00611
Stddev	.00013	.01382	.00006	.00013	.00010	.3651	.00078	.00126
%RSD	104.87	5.0211	1.8272	263.17	2.6183	6.9421	3.5776	20.596

#1	-.00003	.26548	.00323	-.00014	.00356	5.0015	.02130	-.00522
#2	-.00022	.28502	.00315	.00004	.00370	5.5179	.02241	-.00700

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	-.00012	319.34	-.00007	1.1567	.25886	.00014	.01141
Stddev	.00037	.00084	15.04	.00004	.0536	.01334	.00001	.01285
%RSD	9.9130	721.85	4.7096	59.971	4.6358	5.1518	10.315	112.61

#1	.00344	-.00071	308.71	-.00004	1.1188	.24943	.00013	.00232
#2	.00396	.00048	329.98	-.00010	1.1946	.26829	.00015	.02050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10078	.01232	-.00022	-.00057	.00124	.0021	-.00422	<.00000
Stddev	.00014	.00401	.00027	.00159	.00027	.0015	.00029	1.1889
%RSD	.14038	32.563	123.07	278.19	21.994	70.24	6.7522	27.569

#1	.10088	.00949	-.00003	-.00170	.00104	.0010	-.00402	-5.1533
#2	.10068	.01516	-.00040	.00055	.00143	.0031	-.00442	-3.4719

Sample Name: J6470-02 Acquired: 12/19/2018 20:53:32 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OD-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.6667
Stddev	.8501
%RSD	23.186

#1	3.0655
#2	4.2678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.6	60826.	4080.6	98.746	3571.0
Stddev	1.5	1595.	182.9	4.590	.6
%RSD	.05871	2.6214	4.4832	4.6486	.01595

#1	2630.5	61954.	4209.9	101.99	3570.6
#2	2632.7	59699.	3951.2	95.500	3571.5

Sample Name: CCV09 Acquired: 12/19/2018 20:57:43 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.2003	4.6800	F 4.4134	F 4.3470	F 4.4371	9.0034	F 8.9530
Stddev	.2575	.2590	.2471	.2624	.2617	.1591	.2947
%RSD	6.1299	5.5344	5.5983	6.0373	5.8988	1.7676	3.2916

#1	4.0182	4.4968	4.2387	4.1614	4.2520	8.8908	9.1614
#2	4.3824	4.8631	4.5881	4.5325	4.6221	9.1159	8.7446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23329	2.2739	23.214	.97429	F 2.2134	F 1.1230	4.7301
Stddev	.00450	.1284	.646	.02150	.1268	.0662	.0841
%RSD	1.9306	5.6473	2.7827	2.2069	5.7301	5.8907	1.7781

#1	.23010	2.1831	23.671	.95909	2.1237	1.0763	4.7896
#2	.23647	2.3647	22.757	.98950	2.3031	1.1698	4.6707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3825	23.027	F 2.1975	1.1420	22.948	2.3419	2.2822
Stddev	.0469	.485	.1236	.0261	.666	.0426	.0402
%RSD	1.9704	2.1057	5.6230	2.2830	2.9002	1.8175	1.7604

#1	2.3493	23.370	2.1101	1.1235	23.419	2.3118	2.3106
#2	2.4157	22.684	2.2848	1.1604	22.478	2.3720	2.2538

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.074	4.5387	F 4.4981	F 4.2553	4.5746	F 4.4952	4.5637
Stddev	.733	.2710	.1398	.2522	.1175	.2600	.1135
%RSD	3.3196	5.9712	3.1079	5.9259	2.5675	5.7833	2.4867

#1	22.592	4.3471	4.5970	4.0770	4.6577	4.3114	4.6439
#2	21.556	4.7304	4.3993	4.4336	4.4916	4.6791	4.4834

Sample Name: CCV09 Acquired: 12/19/2018 20:57:43 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4156	F 4.310	F 4.4749	F<.00000	F 3.7840
Stddev	.1496	.249	.1559	.93547	.5928
%RSD	3.3873	5.777	3.4830	15.777	15.666

#1	4.5214	4.134	4.5852	-6.5910	3.3649
#2	4.3099	4.486	4.3647	-5.2680	4.2032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.5	63953.	4295.0	102.40	3820.5
Stddev	138.6	946.	132.7	2.73	181.1
%RSD	4.9055	1.4795	3.0889	2.6631	4.7412

#1	2922.5	64622.	4201.2	100.48	3948.6
#2	2726.6	63284.	4388.8	104.33	3692.5

Sample Name: CCB09 Acquired: 12/19/2018 21:01:29 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00185	.00160	-.00059	.00303	.00152	.00438	-.00031
Stddev	.00123	.00025	.00012	.00032	.00043	.00280	.00102
%RSD	66.537	15.740	20.115	10.420	27.929	63.850	330.78

#1	-.00098	.00178	-.00068	.00326	.00182	.00240	-.00103
#2	-.00272	.00142	-.00051	.00281	.00122	.00636	.00041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00007	-.01351	.00057	.00008	.00013	-.00553
Stddev	.00001	.00000	.00625	.00009	.00000	.00014	.00468
%RSD	101.00	.26921	46.241	16.323	4.7467	111.47	84.573

#1	-.00002	.00007	-.01793	.00050	.00007	.00023	-.00222
#2	-.00000	.00007	-.00910	.00064	.00008	.00003	-.00884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00031	.00111	.00051	.11619	-.00000	-.00005
Stddev	.00003	.04236	.00001	.00031	.01932	.00000	.00011
%RSD	108.05	13569.	1.2579	60.626	16.631	142.35	245.53

#1	.00004	.02964	.00110	.00073	.10252	-.00000	.00003
#2	.00001	-.03026	.00112	.00029	.12985	.00000	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	.00026	-.00119	-.00613	-.00419	-.00037	-.00026
Stddev	.00672	.00017	.00107	.00240	.00419	.00013	.00107
%RSD	88.041	66.384	90.371	39.083	99.898	35.454	413.40

#1	.01239	.00038	-.00194	-.00782	-.00716	-.00046	-.00102
#2	.00288	.00014	-.00043	-.00444	-.00123	-.00028	.00050

Sample Name: CCB09 Acquired: 12/19/2018 21:01:29 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EO-01-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.0021	.00007	F<.00000	F 1.1024
Stddev	.00016	.0008	.00008	1.4950	.3796
%RSD	26.231	40.11	108.18	17.117	34.435
#1	.00050	.0027	.00002	-9.7910	.83394
#2	.00073	.0015	.00013	-7.6769	1.3708
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.4	65320.	4209.9	104.22	4369.8
Stddev	62.5	1639.	209.9	5.03	84.1
%RSD	2.1067	2.5091	4.9849	4.8228	1.9237
#1	2923.2	66479.	4358.3	107.78	4310.3
#2	3011.6	64161.	4061.5	100.67	4429.2

Sample Name: J6472-01 Acquired: 12/19/2018 21:05:34 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00382	-.00154	.00870	.00460	.00175	.05147	.08558	-.00001
Stddev	.00049	.00004	.00123	.00250	.00213	.00774	.00272	.00004
%RSD	12.696	2.8354	14.123	54.448	121.92	15.038	3.1734	425.32

#1	-.00417	-.00157	.00957	.00283	.00325	.04600	.08750	.00002
#2	-.00348	-.00151	.00784	.00637	.00024	.05695	.08366	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	1.4443	.00113	.00043	.01736	.65700	.02901	.36834
Stddev	.00007	.0054	.00036	.00030	.00045	.01507	.00046	.01284
%RSD	44.167	.37519	31.444	69.371	2.5695	2.2944	1.5912	3.4860

#1	.00011	1.4404	.00138	.00022	.01768	.64634	.02933	.37742
#2	.00022	1.4481	.00088	.00064	.01705	.66766	.02868	.35926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00008	220.62	-.00001	.15871	.14970	.00041	.01404
Stddev	.00018	.00029	6.95	.00016	.00055	.02762	.00014	.00219
%RSD	6.6263	343.72	3.1510	1105.5	.34781	18.450	34.661	15.628

#1	.00264	.00012	225.53	.00010	.15910	.13017	.00051	.01559
#2	.00290	-.00029	215.70	-.00013	.15832	.16923	.00031	.01249

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16256	.05325	.00012	-.00040	.00065	.0055	.00372	<.00000
Stddev	.00849	.00423	.00026	.00015	.00038	.0002	.00009	1.6897
%RSD	5.2221	7.9483	220.27	36.625	58.263	2.789	2.4595	39.726

#1	.16857	.05624	-.00007	-.00050	.00038	.0054	.00378	-3.0587
#2	.15656	.05026	.00031	-.00029	.00092	.0056	.00365	-5.4483

Sample Name: J6472-01 Acquired: 12/19/2018 21:05:34 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8515
Stddev	.5545
%RSD	29.950

#1	1.4594
#2	2.2436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.2	60675.	4238.4	102.92	3683.9
Stddev	103.2	1319.	90.3	.06	152.0
%RSD	3.8404	2.1737	2.1311	.06298	4.1262

#1	2615.2	59743.	4174.5	102.88	3576.4
#2	2761.2	61608.	4302.2	102.97	3791.4

Sample Name: J6475-02 Acquired: 12/19/2018 21:09:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	-.00339	.00539	.01015	-.00003	.08334	.17580	.00001
Stddev	.00074	.00091	.00004	.00026	.00067	.00348	.00453	.00000
%RSD	61.019	26.881	.66289	2.5278	1985.0	4.1728	2.5747	61.544

#1	.00069	-.00275	.00541	.01033	-.00050	.08089	.17260	.00001
#2	.00174	-.00404	.00536	.00997	.00044	.08580	.17900	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	67.166	.01931	.02336	.00451	.16429	.68601	23.090
Stddev	.00001	1.840	.00021	.00063	.00034	.01011	.00604	.664
%RSD	1.6414	2.7401	1.0922	2.6999	7.5298	6.1523	.88041	2.8766

#1	.00051	65.865	.01946	.02381	.00475	.17144	.68174	22.620
#2	.00050	68.467	.01916	.02291	.00427	.15715	.69028	23.560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06669	-.00011	298.22	.00123	.20931	.96148	-.00019	.00845
Stddev	.00207	.00007	.37	.00021	.00602	.04396	.00026	.01263
%RSD	3.1014	67.281	.12419	17.242	2.8780	4.5726	138.91	149.49

#1	.06815	-.00006	298.48	.00138	.20505	.93039	-.00037	-.00048
#2	.06523	-.00016	297.96	.00108	.21357	.99257	-.00000	.01738

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44177	2.1053	.00093	-.00284	.00468	.0039	.16546	<.00000
Stddev	.01749	.0405	.00000	.00020	.00097	.0018	.00548	.36972
%RSD	3.9589	1.9257	.20372	6.9787	20.780	47.45	3.3135	11.648

#1	.45414	2.0767	.00093	-.00270	.00399	.0026	.16158	-2.9128
#2	.42940	2.1340	.00092	-.00298	.00536	.0051	.16934	-3.4357

Sample Name: J6475-02 Acquired: 12/19/2018 21:09:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SLUDGE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8560
Stddev .8410
%RSD 21.810

#1 3.2614
#2 4.4507

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.9	59308.	4157.5	100.33	3660.5
Stddev	79.8	94.	74.3	3.17	117.1
%RSD	2.9540	.15835	1.7870	3.1553	3.1981

#1	2645.5	59374.	4210.0	102.56	3577.7
#2	2758.4	59241.	4105.0	98.087	3743.3

Sample Name: J6462-07 Acquired: 12/19/2018 21:13:53 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00237	-.00164	-.00206	.00466	-.00036	.20343	.02887	-.00007
Stddev	.00071	.00080	.00015	.00167	.00037	.01100	.00147	.00000
%RSD	30.090	48.502	7.2483	35.809	102.59	5.4061	5.0786	1.1829

#1	-.00287	-.00220	-.00217	.00584	-.00063	.21121	.02991	-.00007
#2	-.00186	-.00108	-.00195	.00348	-.00010	.19565	.02783	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	6.2739	.00110	.00017	.00259	.44604	.03691	1.7617
Stddev	.00012	.2298	.00007	.00010	.00011	.02295	.00177	.1238
%RSD	1171.5	3.6625	6.1151	62.086	4.3328	5.1442	4.7963	7.0247

#1	.00008	6.4364	.00105	.00009	.00267	.46227	.03816	1.8492
#2	-.00010	6.1115	.00115	.00024	.00251	.42982	.03566	1.6742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	-.00005	12.209	.00137	.03661	.99945	.00076	.01819
Stddev	.00012	.00066	.485	.00003	.00069	.02591	.00009	.00284
%RSD	5.8609	1301.3	3.9741	1.9942	1.8821	2.5929	12.000	15.634

#1	.00190	.00041	12.552	.00139	.03710	1.0178	.00070	.01618
#2	.00207	-.00051	11.866	.00135	.03613	.98113	.00082	.02020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0982	2.6446	-.00217	.00810	-.00066	.0478	.02134	<.00000
Stddev	.0414	.0761	.00005	.00186	.00038	.0008	.00093	2.9581
%RSD	1.0093	2.8795	2.3853	23.020	57.843	1.605	4.3547	23.914

#1	4.1275	2.6985	-.00213	.00942	-.00039	.0483	.02199	-10.278
#2	4.0690	2.5908	-.00221	.00678	-.00093	.0473	.02068	-14.461

Sample Name: J6462-07 Acquired: 12/19/2018 21:13:53 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2458
Stddev	.1792
%RSD	14.386

#1	1.3725
#2	1.1191

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.0	69874.	4297.1	105.37	4314.4
Stddev	34.8	3163.	106.0	2.30	45.7
%RSD	1.1729	4.5272	2.4664	2.1799	1.0598

#1	2940.4	67637.	4222.1	103.75	4282.1
#2	2989.6	72111.	4372.0	107.00	4346.8

Sample Name: J6462-07DUP Acquired: 12/19/2018 21:17:57 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	-.00052	-.00209	.00503	-.00027	.19654	.02447	-.00000
Stddev	.00064	.00002	.00067	.00060	.00052	.01206	.00164	.00005
%RSD	61.058	3.5359	32.038	12.014	192.38	6.1376	6.6988	1182.0

#1	-.00150	-.00050	-.00162	.00461	-.00064	.18801	.02563	.00003
#2	-.00060	-.00053	-.00257	.00546	.00010	.20507	.02331	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	5.6589	.00133	-.00001	.00197	.40203	.03601	1.5312
Stddev	.00003	.1393	.00020	.00021	.00042	.02576	.00265	.0352
%RSD	41.380	2.4609	14.969	1557.6	21.128	6.4083	7.3479	2.3012

#1	.00005	5.7574	.00119	.00014	.00226	.42025	.03414	1.5561
#2	.00009	5.5604	.00147	-.00016	.00168	.38382	.03788	1.5063

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00215	-.00034	11.101	.00190	.03290	.92334	.00050	.01238
Stddev	.00026	.00057	.317	.00000	.00160	.03878	.00002	.00745
%RSD	11.882	167.08	2.8527	.23263	4.8636	4.2003	4.4237	60.167

#1	.00197	-.00075	11.325	.00190	.03403	.95077	.00051	.01765
#2	.00233	.00006	10.877	.00190	.03177	.89592	.00048	.00712

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6192	2.4241	-.00219	.00729	-.00224	.0427	.01928	<.00000
Stddev	.0860	.0107	.00014	.00037	.00141	.0025	.00045	2.4971
%RSD	2.3751	.44063	6.4208	5.0592	62.717	5.955	2.3548	20.858

#1	3.6800	2.4317	-.00209	.00755	-.00125	.0445	.01960	-13.738
#2	3.5584	2.4165	-.00229	.00703	-.00324	.0409	.01896	-10.206

Sample Name: J6462-07DUP Acquired: 12/19/2018 21:17:57 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERDU Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5595
Stddev	.2859
%RSD	18.335

#1	1.7617
#2	1.3573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.2	69859.	4569.2	113.77	4712.0
Stddev	69.0	3806.	102.0	5.56	98.5
%RSD	2.1386	5.4477	2.2329	4.8895	2.0894

#1	3178.4	72550.	4497.1	109.83	4642.4
#2	3276.0	67167.	4641.4	117.70	4781.6

Sample Name: J6462-07LX5 Acquired: 12/19/2018 21:22:01 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115856BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	-.00049	-.00185	.00152	.00125	.04286	.00482	.00000
Stddev	.00034	.00077	.00001	.00136	.00074	.00404	.00104	.00005
%RSD	119.70	156.52	.40922	89.026	59.311	9.4255	21.608	2739.6

#1	.00053	-.00104	-.00185	.00056	.00072	.04001	.00408	.00004
#2	.00004	.00005	-.00184	.00248	.00177	.04572	.00555	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	1.2124	.00011	-.00009	.00079	.08369	.00757	.33101
Stddev	.00000	.0503	.00028	.00021	.00023	.01658	.00000	.00477
%RSD	27.376	4.1466	262.82	227.83	29.109	19.814	.04811	1.4407

#1	.00002	1.1769	.00030	-.00024	.00063	.07196	.00757	.32764
#2	.00001	1.2480	-.00009	.00006	.00095	.09541	.00757	.33438

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	-.00013	2.4679	-.00012	.00708	.18979	.00003	.00283
Stddev	.00056	.00068	.1109	.00017	.00017	.00137	.00001	.00600
%RSD	52.334	505.13	4.4946	143.86	2.3528	.71957	34.712	211.63

#1	.00068	-.00061	2.3895	.00000	.00696	.19076	.00004	.00707
#2	.00148	.00035	2.5463	-.00024	.00720	.18883	.00002	-.00141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79322	.53441	-.00087	.00037	-.00249	.0123	.00411	<.00000
Stddev	.00907	.00809	.00044	.00014	.00089	.0009	.00007	.43651
%RSD	1.1432	1.5138	50.466	38.074	35.609	7.681	1.7805	3.4018

#1	.79964	.52869	-.00056	.00027	-.00186	.0129	.00406	-12.523
#2	.78681	.54013	-.00119	.00047	-.00312	.0116	.00416	-13.140

Sample Name: J6462-07LX5 Acquired: 12/19/2018 21:22:01 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115856BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.64407
Stddev	.20834
%RSD	32.347

#1	.79138
#2	.49675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.1	70356.	4487.6	109.37	4682.0
Stddev	7.7	523.	26.6	4.47	12.7
%RSD	.24205	.74374	.59239	4.0893	.27100

#1	3174.6	69986.	4506.4	112.53	4673.0
#2	3185.5	70726.	4468.8	106.21	4691.0

Sample Name: J6462-07MS Acquired: 12/19/2018 21:26:06 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47041	1.3618	.63240	1.2036	.50344	1.6228	.19017	.13776
Stddev	.01926	.0623	.02961	.0539	.02912	.0059	.00335	.00225
%RSD	4.0951	4.5744	4.6816	4.4782	5.7842	.36307	1.7632	1.6364
#1	.48403	1.4058	.65334	1.2417	.52404	1.6186	.18780	.13617
#2	.45678	1.3177	.61147	1.1655	.48285	1.6270	.19254	.13935
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12872	7.1405	.31787	.13310	.21093	2.9675	.19022	3.4229
Stddev	.00573	.1511	.00492	.00595	.01050	.0097	.00314	.0193
%RSD	4.4517	2.1162	1.5488	4.4674	4.9787	.32638	1.6524	.56289
#1	.13277	7.0336	.31439	.13730	.21836	2.9606	.18800	3.4093
#2	.12466	7.2473	.32135	.12889	.20350	2.9743	.19245	3.4366
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32786	.04900	14.653	.22881	.18813	8.7201	.26896	.23966
Stddev	.01358	.00090	.485	.00300	.00050	.1673	.01318	.00074
%RSD	4.1407	1.8329	3.3103	1.3110	.26483	1.9184	4.9021	.30707
#1	.33746	.04837	14.310	.22669	.18778	8.6019	.27829	.23914
#2	.31826	.04964	14.996	.23093	.18848	8.8384	.25964	.24018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6581	3.3706	.42796	.15866	.15763	3.371	.17329	<.00000
Stddev	.1743	.0726	.02064	.00479	.00597	.170	.00357	.92969
%RSD	4.7650	2.1545	4.8236	3.0181	3.7900	5.047	2.0602	5.5178
#1	3.7813	3.3193	.44255	.15527	.15341	3.491	.17077	-17.506
#2	3.5348	3.4220	.41336	.16204	.16186	3.251	.17582	-16.191

Sample Name: J6462-07MS Acquired: 12/19/2018 21:26:06 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.19864
Stddev	.02015
%RSD	10.141

#1	.18440
#2	.21289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.5	75651.	4505.5	109.24	4904.6
Stddev	125.1	1425.	117.3	1.25	184.5
%RSD	3.6679	1.8831	2.6046	1.1460	3.7611

#1	3323.0	76658.	4588.4	110.12	4774.2
#2	3500.0	74643.	4422.5	108.35	5035.1

Sample Name: J6462-07MSD Acquired: 12/19/2018 21:29:57 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43878	1.2776	.58890	1.1163	.46436	1.5267	.16986	.13769
Stddev	.01739	.0385	.01872	.0398	.01696	.0495	.00336	.00442
%RSD	3.9622	3.0104	3.1789	3.5689	3.6519	3.2425	1.9759	3.2082

#1	.45107	1.3048	.60214	1.1444	.47635	1.5617	.17223	.14081
#2	.42649	1.2504	.57567	1.0881	.45237	1.4917	.16749	.13456

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11992	6.3504	.31625	.12421	.19628	2.6220	.19011	3.0510
Stddev	.00384	.0418	.01186	.00353	.00632	.0415	.00682	.0233
%RSD	3.1998	.65789	3.7497	2.8446	3.2208	1.5820	3.5856	.76436

#1	.12263	6.3799	.32463	.12671	.20075	2.6514	.19493	3.0674
#2	.11720	6.3208	.30786	.12171	.19181	2.5927	.18529	3.0345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30446	.04898	13.182	.22852	.16840	7.8442	.25048	.21433
Stddev	.00934	.00194	.135	.00759	.00294	.0975	.00926	.00611
%RSD	3.0685	3.9585	1.0257	3.3193	1.7438	1.2426	3.6954	2.8511

#1	.31107	.05035	13.278	.23389	.17048	7.9131	.25702	.21865
#2	.29786	.04761	13.086	.22316	.16633	7.7753	.24393	.21000

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3897	3.1786	.40211	.14146	.13899	3.125	.15440	<.00000
Stddev	.1194	.0273	.01331	.00189	.00122	.108	.00169	2.6252
%RSD	3.5223	.85783	3.3102	1.3380	.87666	3.446	1.0929	14.617

#1	3.4742	3.1978	.41152	.14280	.13985	3.201	.15559	-16.104
#2	3.3053	3.1593	.39270	.14012	.13813	3.049	.15321	-19.817

Sample Name: J6462-07MSD Acquired: 12/19/2018 21:29:57 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.26575
Stddev	.64492
%RSD	242.68

#1	.72178
#2	-.19028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3573.1	75197.	4785.9	118.91	5148.1
Stddev	91.0	2288.	23.4	.92	114.1
%RSD	2.5474	3.0424	.48895	.77726	2.2157

#1	3508.7	73580.	4769.3	118.26	5067.4
#2	3637.4	76815.	4802.4	119.57	5228.7

Sample Name: J6462-07A Acquired: 12/19/2018 21:33:47 Type: Unk
Method: P4-ICP2(v2669) 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	.36652	1.0746	.49392	.93057	.38980	1.3437	.14223	.12143
Stddev	.02246	.0553	.02726	.05765	.02264	.1742	.01664	.00984
%RSD	6.1277	5.1488	5.5196	6.1952	5.8078	12.966	11.699	8.1000

#1	.38240	1.1137	.51320	.97134	.40581	1.2205	.13047	.11448
#2	.35064	1.0355	.47465	.88981	.37379	1.4669	.15400	.12839

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10077	5.4096	.28192	.10366	.16564	2.2647	.16822	2.6259
Stddev	.00549	.6549	.02211	.00574	.00912	.2298	.01338	.1938
%RSD	5.4510	12.107	7.8422	5.5361	5.5087	10.146	7.9512	7.3823

#1	.10466	4.9465	.26629	.10772	.17210	2.1023	.15876	2.4889
#2	.09689	5.8727	.29755	.09960	.15919	2.4272	.17767	2.7630

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25638	.04282	11.213	.20074	.14627	6.6765	.21070	.18395
Stddev	.01361	.00355	1.245	.01706	.00497	.7392	.01208	.03235
%RSD	5.3088	8.2854	11.105	8.4971	3.3960	11.072	5.7325	17.586

#1	.26600	.04031	10.333	.18868	.14276	6.1538	.21924	.16107
#2	.24675	.04532	12.094	.21280	.14978	7.1992	.20216	.20682

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8125	2.7194	.33711	.12013	.11662	2.607	.13077	<.00000
Stddev	.1619	.1478	.01699	.01250	.01441	.145	.01504	4.0649
%RSD	5.7562	5.4335	5.0398	10.403	12.360	5.554	11.499	18.734

#1	2.9270	2.6149	.34912	.11129	.10643	2.710	.12014	-24.573
#2	2.6980	2.8239	.32509	.12896	.12681	2.505	.14140	-18.824

Sample Name: J6462-07A Acquired: 12/19/2018 21:33:47 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.31900
Stddev	.36113
%RSD	113.21

#1	.57436
#2	.06364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3983.7	80991.	5232.0	128.50	5761.5
Stddev	177.9	4726.	237.8	5.53	246.7
%RSD	4.4653	5.8348	4.5460	4.3050	4.2812

#1	3857.9	84332.	5400.1	132.41	5587.1
#2	4109.5	77649.	5063.8	124.58	5935.9

Sample Name: J6472-04 Acquired: 12/19/2018 21:37:38 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00231	-.00376	.00544	.00023	.44926	.02162	-.00001
Stddev	.00040	.00022	.00043	.00122	.00046	.23526	.02298	.00004
%RSD	69.341	9.5443	11.331	22.413	201.96	52.366	106.29	491.63

#1	.00030	.00247	-.00406	.00458	.00056	.28291	.00537	-.00003
#2	.00086	.00216	-.00346	.00630	-.00010	.61561	.03787	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	2.2529	.00213	.00007	.00092	.27699	.02807	.48582
Stddev	.00002	1.6942	.00041	.00002	.00016	.20972	.00171	.32101
%RSD	20.705	75.202	19.209	32.392	17.848	75.711	6.0972	66.077

#1	.00010	1.0549	.00184	.00008	.00103	.12870	.02686	.25883
#2	.00008	3.4508	.00241	.00005	.00080	.42528	.02928	.71281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	-.00021	9.1962	.00157	.00914	.47496	.00062	.00722
Stddev	.00021	.00014	6.8922	.00003	.00188	.32480	.00014	.02182
%RSD	5.3097	66.333	74.946	2.1160	20.515	68.385	22.403	302.06

#1	.00408	-.00011	4.3227	.00159	.00782	.24529	.00052	-.00821
#2	.00379	-.00030	14.070	.00154	.01047	.70462	.00072	.02265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28118	1.7321	-.00152	.01305	-.00533	.0116	.01093	<.00000
Stddev	.01647	.4303	.00001	.00945	.00119	.0004	.00817	2.9001
%RSD	5.8558	24.843	.40782	72.370	22.270	3.102	74.781	7.7530

#1	.29283	1.4278	-.00152	.00637	-.00617	.0118	.00515	-39.457
#2	.26954	2.0363	-.00152	.01973	-.00449	.0113	.01670	-35.356

Sample Name: J6472-04 Acquired: 12/19/2018 21:37:38 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.8330
Stddev .2099
%RSD 7.4091

#1 2.6846
#2 2.9814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4881.3	99702.	6759.5	168.84	7177.5
Stddev	15.8	3813.	1495.1	36.31	18.3
%RSD	.32362	3.8241	22.119	21.507	.25462

#1	4892.5	102400.	7816.8	194.52	7164.5
#2	4870.1	97006.	5702.3	143.16	7190.4

Sample Name: J6478-01 Acquired: 12/19/2018 21:41:41 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00016	-.00182	.00500	-.00073	.01347	-.00881	-.00001
Stddev	.00019	.00154	.00026	.00070	.00145	.00128	.00098	.00002
%RSD	104.38	984.68	14.410	14.064	199.21	9.4842	11.122	169.02

#1	-.00032	-.00093	-.00201	.00451	-.00176	.01438	-.00950	-.00002
#2	-.00005	.00124	-.00164	.00550	.00030	.01257	-.00812	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.01660	.00005	-.00024	-.00012	-.01083	.00333	.01643
Stddev	.00002	.00449	.00019	.00017	.00020	.00569	.00009	.00399
%RSD	76.213	27.047	367.04	70.479	160.40	52.552	2.7035	24.305

#1	.00005	-.01978	-.00008	-.00036	-.00027	-.00681	.00326	.01925
#2	.00001	-.01343	.00019	-.00012	.00002	-.01486	.00339	.01361

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00052	-.05916	.00050	-.00063	.12733	.00046	-.00645
Stddev	.00017	.00024	.01464	.00023	.00014	.03723	.00005	.00173
%RSD	10.007	46.106	24.739	45.700	22.020	29.242	11.470	26.854

#1	.00155	-.00068	-.06951	.00034	-.00073	.15366	.00049	-.00523
#2	.00178	-.00035	-.04881	.00066	-.00053	.10100	.00042	-.00767

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.350	.50144	-.01810	-.00122	-.00846	.0125	.00010	<.00000
Stddev	.851	.11980	.00014	.00170	.00129	.0000	.00002	.13926
%RSD	1.8370	23.891	.75379	138.47	15.252	.1813	16.623	.47195

#1	46.952	.41673	-.01819	-.00242	-.00938	.0125	.00011	-29.605
#2	45.748	.58615	-.01800	-.00003	-.00755	.0125	.00009	-29.408

Sample Name: J6478-01 Acquired: 12/19/2018 21:41:41 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.7190
Stddev	.1929
%RSD	2.2127

#1	8.8554
#2	8.5826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4464.9	89960.	10460.	262.77	5765.3
Stddev	62.5	136.	2009.	50.22	66.0
%RSD	1.4007	.15072	19.202	19.113	1.1445

#1	4420.7	90056.	11880.	298.28	5718.6
#2	4509.1	89864.	9040.0	227.26	5811.9

Sample Name: CCV10 Acquired: 12/19/2018 21:45:45 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.0186	kF 2.3314	kF 2.1889	F 2.0818	kF 2.1545	F .18659	^F *****
Stddev	.0991	.1103	.1113	.0992	.1000	.35115	-----
%RSD	4.9108	4.7307	5.0861	4.7633	4.6422	188.19	-----

#1	1.9485	2.2534	2.1101	2.0117	2.0837	-.06171	-.00938
#2	2.0887	k 2.4094	k 2.2676	2.1519	k 2.2252	.43489	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .11316	F 1.1370	F .50786	kF .48705	kF 1.1032	kF .56719	kF .09425
Stddev	.00737	.0577	.74070	.02980	.0566	.02939	.14574
%RSD	6.5112	5.0778	145.85	6.1184	5.1281	5.1820	154.63

#1	.10795	1.0962	-.01590	.46598	1.0632	.54640	-.00880
#2	.11837	1.1779	1.0316	k .50813	k 1.1432	k .58797	k .19731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.1779	F .55330	kF 1.0934	kF .55034	F .58008	kF 1.1476	kF .77461
Stddev	.0783	.76160	.0557	.03244	.72468	.0754	.20829
%RSD	6.6502	137.65	5.0945	5.8938	124.93	6.5667	26.890

#1	1.1225	.01477	1.0540	.52741	.06765	1.0943	.62732
#2	1.2333	1.0918	k 1.1328	k .57328	1.0925	k 1.2009	k .92189

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .60986	F 2.2786	kF .09331	kF 2.0774	kF 1.5592	kF 2.2425	kF .09905
Stddev	.59425	.1117	.13557	.0729	.4222	.1143	.14045
%RSD	97.441	4.8997	145.29	3.5090	27.075	5.0969	141.79

#1	.18966	2.1997	-.00255	2.0259	1.2607	2.1617	-.00026
#2	1.0301	2.3576	k .18917	k 2.1289	k 1.8577	k 2.3233	k .19837

Sample Name: CCV10 Acquired: 12/19/2018 21:45:45 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .08817	kF 2.063	^F *****	F<.00000	F 3.5477
Stddev	.13789	.112	-----	2.0936	.1765
%RSD	156.38	5.426	-----	5.9681	4.9762
#1	-.00933	1.984	.00008	-36.560	3.4229
#2	.18568	k 2.142	^ -----	-33.599	3.6726
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.2	98055.	9552.2	240.17	6040.6
Stddev	83.8	3020.	2259.8	55.51	138.6
%RSD	1.9135	3.0794	23.658	23.113	2.2945
#1	4436.4	100190.	11150.	279.43	6138.6
#2	4318.0	95920.	7954.2	200.92	5942.6

Sample Name: CCB10 Acquired: 12/19/2018 21:49:33 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00039	k .00223	k -.00223	k .00402	k .00157	s .01454	-.00515
Stddev	.00020	.00025	.00125	.00152	.00086	.00528	.00227
%RSD	51.462	11.343	55.851	37.765	55.082	36.324	44.011

#1	k .00025	k .00241	k -.00135	k .00509	k .00096	s .01081	-.00675
#2	.00053	.00205	-.00311	.00294	.00218	.01828	-.00355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.00002	k .00009	k -.00986	s .00021	k .00010	k .00012	k -.00614
Stddev	.00003	.00004	.01672	.00033	.00011	.00009	.00108
%RSD	147.11	43.209	169.52	155.65	111.49	70.381	17.549

#1	s .00000	k .00012	k .00196	s -.00002	k .00018	k .00006	k -.00691
#2	-.00004	.00006	-.02168	.00045	.00002	.00018	-.00538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.00008	.00853	k .00276	s -.00033	.03695	s .00027	k -.00051
Stddev	.00001	.00967	.00049	.00025	.08103	.00024	.00008
%RSD	10.502	113.43	17.855	75.475	219.28	86.631	15.546

#1	s -.00009	.01537	k .00241	s -.00015	-.02034	s .00044	k -.00057
#2	-.00008	.00169	.00311	-.00050	.09425	.00011	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07532	.00040	k -.00233	k .00303	k -.01716	k -.00046	k -.00056
Stddev	.04809	.00025	.00569	.00078	.00660	.00041	.00000
%RSD	63.850	62.415	244.06	25.683	38.437	89.391	.44603

#1	.04131	.00057	k -.00636	k .00358	k -.02183	k -.00017	k -.00056
#2	.10932	.00022	.00169	.00248	-.01250	-.00075	-.00056

Sample Name: CCB10 Acquired: 12/19/2018 21:49:33 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-121818 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00548	k .0024	k .00010	F<.00000	F 1.3557
Stddev	.00328	.0001	.00005	1.3076	.4507
%RSD	59.821	5.571	47.672	4.0825	33.248
#1	-.00780	k .0023	k .00014	-32.955	1.0370
#2	-.00316	.0025	.00007	-31.106	1.6744
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4074.0	^ *****	6758.5	170.17	6067.6
Stddev	51.8	-----	1369.6	33.31	75.6
%RSD	1.2720	-----	20.266	19.572	1.2463
#1	4037.4	^ -----	7727.0	193.72	6014.1
#2	4110.7	91400.	5790.0	146.62	6121.0

Sample Name: J6478-01DUP Acquired: 12/19/2018 21:53:40 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- 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	-.00032	-.00187	.00412	.00023	-.00792	.00155	.00006
Stddev	.00139	.00071	.00116	.00096	.00109	.01308	.00813	.00002
%RSD	260.19	220.27	62.066	23.230	464.23	165.15	523.69	37.895
#1	.00152	-.00082	-.00105	.00345	-.00054	.00133	-.00419	.00004
#2	-.00045	.00018	-.00269	.00480	.00100	-.01717	.00730	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	25.979	-.00027	-.00008	-.00003	-.00682	.00459	63.458
Stddev	.00003	23.939	.00033	.00005	.00010	.00137	.00037	58.251
%RSD	74.270	92.148	121.79	57.773	304.20	20.127	8.0887	91.795
#1	-.00006	9.0515	-.00004	-.00012	.00004	-.00585	.00486	22.268
#2	-.00002	42.906	-.00051	-.00005	-.00011	-.00779	.00433	104.65
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00031	^ *****	.00092	-.00018	19.664	.00066	.18540
Stddev	.00035	.00007	-----	.00010	.00028	18.556	.00023	.17148
%RSD	61.014	23.232	-----	11.035	154.06	94.369	34.038	92.494
#1	.00081	-.00026	^ -----	.00085	-.00038	6.5423	.00050	.06414
#2	.00032	-.00037	817.67	.00099	.00002	32.785	.00082	.30665
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.067	1.0188	-.02459	-.00054	.00395	.0192	.35543	<.00000
Stddev	.878	.2365	.00009	.00210	.00870	.0014	.32914	4.5280
%RSD	1.3288	23.216	.35007	388.74	220.36	7.421	92.603	24.645
#1	66.687	.85156	-.02453	.00095	-.00220	.0202	.12269	-15.171
#2	65.446	1.1861	-.02465	-.00203	.01011	.0182	.58817	-21.575

Sample Name: J6478-01DUP Acquired: 12/19/2018 21:53:40 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.4124
Stddev	.7390
%RSD	8.7851

#1	8.9350
#2	7.8898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.4	76862.	6366.8	159.89	4829.6
Stddev	46.3	5141.	1434.5	38.91	62.1
%RSD	1.2370	6.6891	22.531	24.338	1.2856

#1	3708.7	73226.	7381.1	187.41	4785.7
#2	3774.1	80497.	5352.4	132.37	4873.5

Sample Name: J6478-01LX5 Acquired: 12/19/2018 21:57:45 Type: Unk
Method: P4-ICP2(v2669) 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	.00052	.00081	-.00218	.00519	-.00025	.01497	-.00346	-.00000
Stddev	.00039	.00116	.00040	.00077	.00013	.00005	.00379	.00003
%RSD	75.115	143.03	18.556	14.756	51.578	.30896	109.58	35144.

#1	.00079	-.00001	-.00247	.00465	-.00016	.01500	-.00614	-.00002
#2	.00024	.00163	-.00189	.00573	-.00033	.01494	-.00078	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	5.6364	-.00023	-.00024	-.00003	-.00897	.00080	13.401
Stddev	.00005	4.6057	.00005	.00001	.00039	.00041	.00006	10.789
%RSD	124.04	81.714	20.068	4.7399	1561.0	4.5152	7.9426	80.506

#1	.00001	2.3797	-.00027	-.00025	.00025	-.00869	.00076	5.7724
#2	.00008	8.8931	-.00020	-.00023	-.00030	-.00926	.00085	21.030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	-.00017	^ *****	.00061	-.00056	4.1772	.00005	.03514
Stddev	.00020	.00017	-----	.00077	.00013	3.4225	.00005	.03311
%RSD	16.903	95.771	-----	125.41	22.362	81.933	95.803	94.223

#1	.00135	-.00006	^ -----	.00115	-.00065	1.7571	.00008	.01173
#2	.00106	-.00029	168.51	.00007	-.00047	6.5973	.00002	.05855

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.184	.19678	-.00494	-.00170	-.00165	.0038	.07778	<.00000
Stddev	.085	.05159	.00003	.00092	.00688	.0006	.06371	.06450
%RSD	.64403	26.216	.60025	54.309	418.19	16.39	81.913	.26556

#1	13.124	.16030	-.00496	-.00105	-.00651	.0043	.03273	-24.334
#2	13.244	.23326	-.00492	-.00236	.00322	.0034	.12283	-24.243

Sample Name: J6478-01LX5 Acquired: 12/19/2018 21:57:45 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.1706
Stddev	.5508
%RSD	13.207

#1	4.5601
#2	3.7811

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.1	83310.	6449.9	161.60	5174.6
Stddev	40.9	1059.	1449.5	36.38	57.6
%RSD	1.0777	1.2707	22.474	22.509	1.1122

#1	3828.0	84058.	7474.9	187.33	5215.3
#2	3770.1	82561.	5424.9	135.88	5133.9

Sample Name: J6478-01MS Acquired: 12/19/2018 22:01:49 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .49600	k 1.2842	.62963	1.2805	k .51913	1.2798	.12361
Stddev	.01042	.0270	.01419	.0304	.01031	.0066	.02303
%RSD	2.0999	2.1057	2.2538	2.3731	1.9867	.51408	18.632

#1	k .50337	k 1.3033	.63966	1.3020	k .52642	1.2751	.10732
#2	.48864	1.2651	.61959	1.2590	.51184	1.2844	.13989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14677	.13449	42.438	k .28758	k .13230	k .18807	k 1.8849
Stddev	.01291	.00304	7.191	.02533	.00312	.00408	.3352
%RSD	8.7948	2.2632	16.945	8.8077	2.3586	2.1669	17.786

#1	.15590	.13664	37.353	k .30549	k .13451	k .19095	k 1.6478
#2	.13765	.13234	47.523	.26967	.13009	.18518	2.1219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14294	102.60	k .32562	k .04905	^ *****	k .20922	k .13136
Stddev	.01211	17.19	.00737	.00352	-----	.01705	.00935
%RSD	8.4699	16.752	2.2621	7.1796	-----	8.1491	7.1161

#1	.15150	90.449	k .33083	k .05154	^ -----	k .22128	k .12475
#2	.13438	114.76	.32041	.04656	905.52	.19716	.13797

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.26207	k .47463	kF 75.093	k 1.7421	k .45317	k .11497
Stddev	-----	.00612	.08208	1.548	.1147	.03058	.02147
%RSD	-----	2.3360	17.293	2.0620	6.5848	6.7479	18.678

#1	^ -----	.26640	k .41659	k 76.188	k 1.6609	k .47479	k .09978
#2	43.107	.25774	.53267	73.999	1.8232	.43155	.13015

Sample Name: J6478-01MS Acquired: 12/19/2018 22:01:49 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12902	k 4.081	^ *****	<.00000	6.4074
Stddev	.02620	.100	-----	4.0468	.6189
%RSD	20.307	2.456	-----	22.110	9.6593

#1	.11050	k 4.151	^ -----	-15.441	6.8450
#2	.14755	4.010	.77214	-21.165	5.9698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.7	76581.	5602.9	136.34	4459.8
Stddev	36.6	4994.	456.9	13.29	46.6
%RSD	1.0514	6.5209	8.1551	9.7466	1.0445

#1	3456.8	73049.	5926.0	145.73	4426.8
#2	3508.6	80112.	5279.9	126.94	4492.7

Sample Name: J6478-01MSD Acquired: 12/19/2018 22:05:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .51327	k 1.3270	k .65104	1.3207	k .53893	1.4084	.13958
Stddev	.00113	.0154	.00710	.0150	.00662	.0982	.00780
%RSD	.22023	1.1604	1.0907	1.1335	1.2293	6.9699	5.5855

#1	k .51247	k 1.3161	k .64602	1.3101	k .53424	1.3390	.13407
#2	.51407	1.3379	.65607	1.3313	.54361	1.4778	.14509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15909	.13922	47.010	k .30967	k .13674	k .19564	k 2.0980
Stddev	.00479	.00166	2.266	.00871	.00144	.00128	.1052
%RSD	3.0102	1.1942	4.8196	2.8128	1.0495	.65278	5.0131

#1	.15570	.13805	45.408	k .30351	k .13572	k .19474	k 2.0236
#2	.16247	.14040	48.612	.31583	.13775	.19654	2.1724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15389	114.68	k .33511	k .05347	^ *****	k .22629	k .14223
Stddev	.00480	5.94	.00304	.00290	-----	.00762	.00202
%RSD	3.1203	5.1812	.90583	5.4171	-----	3.3670	1.4173

#1	.15050	110.48	k .33296	k .05143	^ -----	k .22091	k .14081
#2	.15729	118.88	.33726	.05552	872.93	.23168	.14366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.27135	k .53543	kF 78.177	k 1.9322	k .46694	k .12965
Stddev	-----	.00464	.03695	.797	.0339	.01591	.00863
%RSD	-----	1.7102	6.9005	1.0198	1.7559	3.4078	6.6531

#1	^ -----	.26807	k .50930	k 77.613	k 1.9083	k .47819	k .12355
#2	44.593	.27463	.56156	78.741	1.9562	.45569	.13575

Sample Name: J6478-01MSD Acquired: 12/19/2018 22:05:42 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14619	k 4.232	^ *****	<.00000	7.2136
Stddev	.00918	.043	-----	1.9835	.4817
%RSD	6.2814	1.025	-----	13.056	6.6783

#1	.13969	k 4.201	^ -----	-16.595	7.5542
#2	.15268	4.263	.78988	-13.790	6.8729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3361.5	72081.	5148.1	125.26	4299.9
Stddev	29.0	2117.	99.9	2.93	33.2
%RSD	.86403	2.9375	1.9406	2.3403	.77307

#1	3382.0	73578.	5218.8	127.33	4323.4
#2	3340.9	70583.	5077.5	123.19	4276.4

Sample Name: J6478-01A Acquired: 12/19/2018 22:09:35 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7820 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .53267	k 1.3743	k .67331	1.3838	k .56418	1.5226	.14818
Stddev	.00164	.0042	.00739	.0099	.00142	.1232	.00259
%RSD	.30795	.30540	1.0976	.71592	.25189	8.0890	1.7448

#1	k .53383	k 1.3772	k .67854	1.3908	k .56518	1.4355	.14636
#2	.53151	1.3713	.66808	1.3767	.56318	1.6097	.15001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17029	.14424	49.734	k .33082	k .14181	k .20261	k 2.1951
Stddev	.01197	.00114	.262	.02090	.00063	.00312	.0161
%RSD	7.0291	.79372	.52651	6.3164	.44152	1.5401	.73521

#1	.16183	.14505	49.548	k .31604	k .14225	k .20482	k 2.1836
#2	.17876	.14343	49.919	.34559	.14137	.20041	2.2065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16479	120.84	k .34766	k .05730	846.32	k .24276	k .14845
Stddev	.01189	1.90	.00081	.00471	45.41	.01655	.00271
%RSD	7.2133	1.5731	.23183	8.2132	5.3662	6.8166	1.8254

#1	.15638	119.50	k .34823	k .05397	814.21	k .23106	k .15037
#2	.17319	122.18	.34709	.06063	878.43	.25446	.14653

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	^ *****	.28183	k .55759	kF 80.879	k 2.0200	k .48465	k .13578
Stddev	-----	.00108	.01903	.834	.0388	.02431	.00113
%RSD	-----	.38258	3.4129	1.0318	1.9208	5.0169	.83185

#1	^ -----	.28259	k .54413	k 81.469	k 1.9926	k .50184	k .13498
#2	45.893	.28107	.57104	80.289	2.0475	.46746	.13657

Sample Name: J6478-01A Acquired: 12/19/2018 22:09:35 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7820 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15590	k 4.404	^ *****	<.00000	6.6508
Stddev	.00432	.033	-----	2.9518	.8054
%RSD	2.7725	.7529	-----	24.201	12.110

#1	.15284	k 4.427	^ -----	-14.284	6.0813
#2	.15896	4.380	.81262	-10.110	7.2203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.4	69053.	5070.4	123.82	4264.9
Stddev	23.2	3965.	10.0	.69	27.9
%RSD	.69574	5.7415	.19770	.55602	.65302

#1	3314.0	71857.	5077.5	123.34	4245.2
#2	3346.8	66250.	5063.3	124.31	4284.6

Sample Name: J6478-02 Acquired: 12/19/2018 22:13:31 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00023	-.00092	.00468	.00003	-.01371	.00923	.00007
Stddev	.00072	.00041	.00016	.00307	.00086	.01074	.00018	.00002
%RSD	153.80	180.91	17.959	65.485	2626.0	78.310	1.9790	25.669
#1	.00098	.00006	-.00103	.00685	.00064	-.00612	.00910	.00008
#2	-.00004	-.00051	-.00080	.00251	-.00057	-.02130	.00935	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	41.097	-.00021	-.00011	.00008	-.00810	.00527	88.865
Stddev	.00004	.472	.00020	.00006	.00027	.00067	.00043	.633
%RSD	78.882	1.1482	96.020	54.525	350.02	8.3210	8.1639	.71253
#1	-.00008	41.431	-.00007	-.00007	.00027	-.00858	.00557	89.313
#2	-.00002	40.764	-.00035	-.00015	-.00011	-.00763	.00496	88.417
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	-.00004	691.32	.00038	-.00001	28.288	.00079	.27470
Stddev	.00015	.00031	8.91	.00048	.00004	.357	.00002	.00209
%RSD	20.940	740.15	1.2889	125.65	741.41	1.2626	3.0963	.76149
#1	-.00062	-.00026	685.02	.00004	.00002	28.541	.00077	.27322
#2	-.00084	.00018	697.62	.00072	-.00003	28.035	.00080	.27618
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.836	1.4266	-.02154	-.00200	.00798	.0224	.52224	<.00000
Stddev	.033	.0085	.00087	.00044	.00045	.0000	.00601	4.7499
%RSD	.05887	.59340	4.0165	22.126	5.6644	.0672	1.1505	28.662
#1	56.860	1.4326	-.02215	-.00169	.00766	.0224	.52649	-13.213
#2	56.813	1.4206	-.02093	-.00231	.00829	.0224	.51799	-19.931

Sample Name: J6478-02 Acquired: 12/19/2018 22:13:31 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.9904
Stddev	1.1552
%RSD	16.525

#1	7.8072
#2	6.1735

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.6	73762.	5086.5	125.42	4443.7
Stddev	.1	4990.	.7	1.82	7.1
%RSD	.00325	6.7646	.01403	1.4531	.15943

#1	3405.5	70233.	5086.0	124.13	4438.7
#2	3405.7	77290.	5087.0	126.71	4448.7

Sample Name: J6478-03 Acquired: 12/19/2018 22:17:40 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00065	-.00031	.00534	-.00042	-.01816	.00933	.00009
Stddev	.00239	.00206	.00016	.00259	.00053	.00194	.00228	.00006
%RSD	540.27	316.88	52.407	48.510	126.40	10.656	24.396	71.617
#1	-.00213	.00081	-.00019	.00717	-.00004	-.01953	.01094	.00004
#2	.00125	-.00210	-.00042	.00351	-.00080	-.01679	.00772	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	47.635	-.00073	-.00013	.00004	-.00432	.00607	111.44
Stddev	.00005	3.433	.00020	.00005	.00006	.00222	.00017	7.32
%RSD	110.82	7.2073	26.720	35.303	137.91	51.463	2.8011	6.5696
#1	-.00001	50.062	-.00087	-.00017	.00009	-.00275	.00595	116.61
#2	-.00008	45.207	-.00059	-.00010	.00000	-.00589	.00619	106.26
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.00033	834.03	.00059	-.00002	35.798	.00064	.34906
Stddev	.00054	.00026	18.37	.00001	.00007	2.222	.00012	.02114
%RSD	427.91	77.529	2.2019	2.2479	467.49	6.2064	19.111	6.0561
#1	-.00051	.00015	847.02	.00060	.00004	37.369	.00055	.36401
#2	.00026	.00052	821.05	.00058	-.00007	34.227	.00073	.33411
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.690	1.4276	-.02718	-.00280	.01054	.0250	.64044	<.00000
Stddev	.168	.0672	.00071	.00065	.00231	.0022	.04246	.35130
%RSD	.22746	4.7061	2.5978	23.103	21.964	8.686	6.6304	2.6004
#1	73.808	1.4751	-.02668	-.00326	.01218	.0265	.67047	-13.758
#2	73.571	1.3801	-.02768	-.00234	.00890	.0234	.61042	-13.261

Sample Name: J6478-03 Acquired: 12/19/2018 22:17:40 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.5816
Stddev	.1442
%RSD	1.9020

#1	7.4796
#2	7.6836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.5	69678.	5067.5	122.29	4284.3
Stddev	15.1	1231.	277.4	3.86	14.9
%RSD	.45703	1.7670	5.4740	3.1557	.34845

#1	3295.8	70549.	4871.3	119.56	4273.7
#2	3317.2	68808.	5263.6	125.02	4294.8

Sample Name: J6478-04 Acquired: 12/19/2018 22:21:48 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00202	-.00042	.00262	-.00075	.00878	.00924	.00006
Stddev	.00054	.00037	.00043	.00312	.00083	.00288	.00006	.00001
%RSD	766.14	18.366	104.80	119.19	109.69	32.834	.63235	15.915
#1	.00031	-.00229	-.00072	.00483	-.00017	.00674	.00928	.00006
#2	-.00045	-.00176	-.00011	.00041	-.00134	.01082	.00920	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	39.706	-.00017	-.00005	-.00022	-.00201	.00562	85.448
Stddev	.00000	.418	.00018	.00004	.00039	.00027	.00023	.068
%RSD	5.8224	1.0536	105.10	80.122	179.55	13.312	4.1046	.07987
#1	-.00003	40.002	-.00004	-.00002	-.00050	-.00220	.00545	85.399
#2	-.00003	39.410	-.00030	-.00009	.00006	-.00182	.00578	85.496
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	-.00033	631.95	.00100	-.00003	27.234	.00040	.25860
Stddev	.00028	.00022	5.71	.00063	.00001	.201	.00019	.00638
%RSD	125.24	65.709	.90282	63.402	35.502	.73681	47.943	2.4683
#1	-.00003	-.00018	627.91	.00144	-.00002	27.376	.00054	.25408
#2	-.00041	-.00048	635.98	.00055	-.00004	27.092	.00027	.26311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.009	1.4210	-.02165	-.00354	.00659	.0219	.50261	<.00000
Stddev	.538	.0154	.00010	.00085	.00026	.0009	.00429	2.6956
%RSD	.96024	1.0818	.47606	24.081	3.9774	4.201	.85302	18.433
#1	55.628	1.4318	-.02158	-.00415	.00678	.0212	.50564	-16.530
#2	56.389	1.4101	-.02172	-.00294	.00641	.0225	.49958	-12.718

Sample Name: J6478-04 Acquired: 12/19/2018 22:21:48 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 121718-JETT- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.9849
Stddev	.0760
%RSD	1.0873

#1	6.9312
#2	7.0386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.7	70998.	5169.3	126.37	4404.0
Stddev	34.0	2707.	33.0	.76	39.0
%RSD	1.0126	3.8120	.63791	.60146	.88457

#1	3384.8	72912.	5146.0	125.83	4431.5
#2	3336.6	69085.	5192.7	126.91	4376.4

Sample Name: CCV11 Acquired: 12/19/2018 22:25:58 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7820 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.0712	kF 3.5301	kF 3.2737	F 3.2289	kF 3.3111	F 6.4686	^F *****
Stddev	.0571	.0281	.0578	.0681	.0503	.2763	-----
%RSD	1.8588	.79649	1.7653	2.1079	1.5192	4.2720	-----

#1	3.1116	k 3.5500	k 3.3146	3.2770	k 3.3467	6.2732	^ -----
#2	3.0309	3.5102	3.2329	3.1807	3.2755	6.6640	6.5048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .17886	F 1.7093	F 15.887	kF .76320	kF 1.6531	kF .84956	kF 3.2162
Stddev	.00124	.0287	1.591	.00943	.0309	.01969	.2866
%RSD	.69334	1.6812	10.015	1.2350	1.8709	2.3181	8.9121

#1	.17974	1.7296	14.762	k .76986	k 1.6750	k .86349	k 3.0135
#2	.17798	1.6889	17.012	.75653	1.6313	.83564	3.4188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.8409	F 15.765	kF 1.6370	kF .86566	^F *****	kF 1.8099	kF 1.6329
Stddev	.0092	1.565	.0295	.00300	-----	.0085	.0532
%RSD	.50208	9.9300	1.8006	.34644	-----	.47180	3.2556

#1	1.8474	14.658	k 1.6578	k .86354	^ -----	k 1.8159	k 1.5954
#2	1.8343	16.872	1.6161	.86778	16.978	1.8038	1.6705

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.516	F 3.4328	kF 3.0478	kF 3.4617	kF 3.2921	kF 3.3701	kF 3.0983
Stddev	1.622	.0587	.3305	.1815	.1444	.0534	.2935
%RSD	10.454	1.7094	10.844	5.2444	4.3875	1.5859	9.4735

#1	14.369	3.4743	k 2.8141	k 3.5901	k 3.1900	k 3.4079	k 2.8908
#2	16.663	3.3913	3.2815	3.3333	3.3942	3.3323	3.3059

Sample Name: CCV11 Acquired: 12/19/2018 22:25:58 Type: Unk
 Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7820 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	[^] F *****	^k F 3.176	[^] F *****	F<.00000	F 3.9076
Stddev	-----	.059	-----	.82846	.9640
%RSD	-----	1.869	-----	4.8131	24.669

#1	[^] -----	^k 3.218	[^] -----	-16.627	4.5892
#2	3.2417	3.134	3.2486	-17.798	3.2260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.7	75592.	5380.7	130.81	4733.2
Stddev	63.3	492.	250.0	4.79	89.7
%RSD	1.8354	.65140	4.6470	3.6647	1.8950

#1	3401.9	75244.	5557.5	134.20	4669.8
#2	3491.4	75940.	5203.9	127.42	4796.6

Sample Name: CCB11 Acquired: 12/19/2018 22:29:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14379 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	.00208	-.00169	.00356	.00061	.01492	-.00209
Stddev	.00059	.00071	.00022	.00100	.00042	.00494	.00050
%RSD	32.109	33.916	13.179	28.079	69.550	33.127	23.940

#1	-.00141	.00258	-.00184	.00285	.00031	.01842	-.00244
#2	-.00224	.00158	-.00153	.00426	.00091	.01143	-.00173

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00012	-.03023	.00001	.00008	-.00024	-.00080
Stddev	.00003	.00003	.00723	.00010	.00015	.00018	.00125
%RSD	85.618	27.920	23.913	1365.8	194.35	74.954	156.60

#1	.00001	.00015	-.03534	.00008	.00018	-.00011	.00009
#2	.00005	.00010	-.02512	-.00006	-.00003	-.00036	-.00169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00006	.00215	-.00022	F .57540	.00014	-.00015
Stddev	.00007	.01420	.00012	.00043	.15738	.00002	.00006
%RSD	225.67	22349.	5.4492	194.87	27.351	14.074	37.632

#1	-.00008	-.01011	.00207	.00008	.46412	.00016	-.00019
#2	.00002	.00998	.00223	-.00052	.68668	.00013	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28431	.00050	-.00265	F .03289	-.01134	.00004	-.00002
Stddev	.07138	.00023	.00260	.00461	.00189	.00047	.00155
%RSD	25.105	46.247	98.172	14.025	16.654	1197.5	7137.4

#1	.23384	.00066	-.00081	.03615	-.01267	.00037	-.00112
#2	.33478	.00034	-.00448	.02963	-.01000	-.00029	.00107

Sample Name: CCB11 Acquired: 12/19/2018 22:29:44 Type: Unk
Method: P4-ICP2(v2669) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14379 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.0035	.00011	F<.00000	F 1.9856
Stddev	.00297	.0005	.00004	.81895	.2026
%RSD	446.00	14.08	38.966	3.8552	10.202

#1	-.00144	.0038	.00008	-20.663	2.1289
#2	.00277	.0031	.00014	-21.822	1.8424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3519.2	78277.	5079.7	124.63	5254.5
Stddev	63.5	1016.	194.7	3.29	92.1
%RSD	1.8053	1.2974	3.8326	2.6384	1.7530

#1	3474.3	77559.	5217.4	126.95	5189.4
#2	3564.1	78995.	4942.0	122.30	5319.7