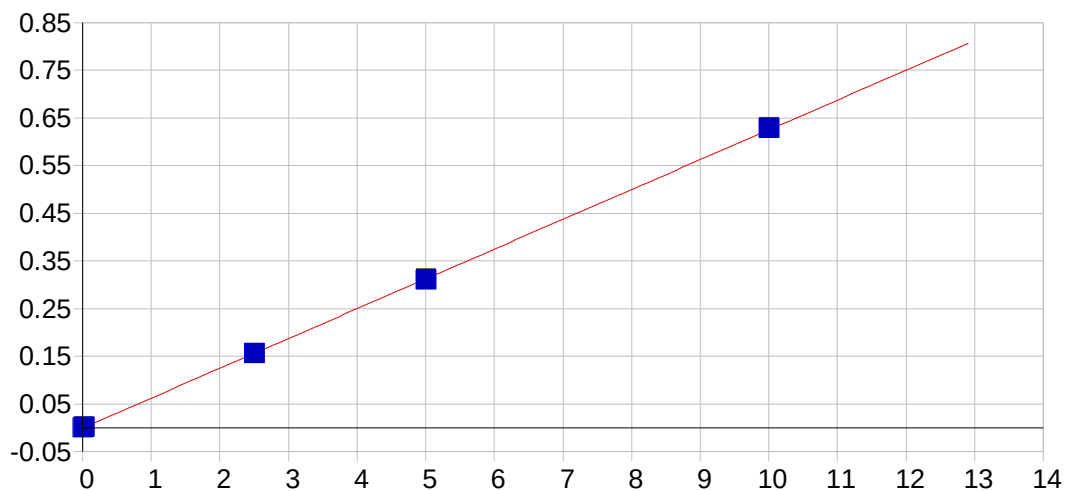


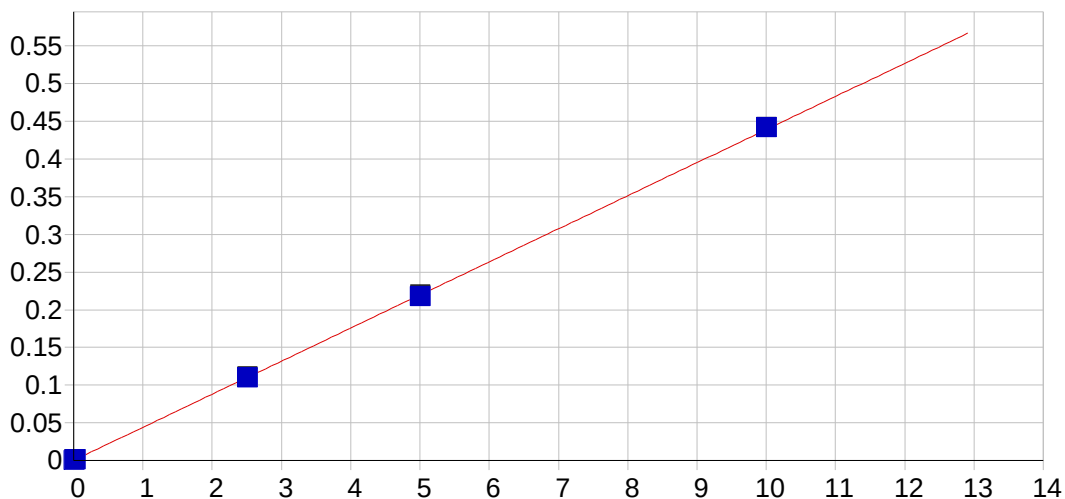


As 189.042 {478}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.062543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.002804
 Predicted MQL: 0.009346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.02000	.01971	-.000	-1.43	.00089	.000	1
S3	2.5000	2.4885	-.012	-.460	.15528	.000	1
S4	5.0000	4.9624	-.038	-.752	.31000	.001	1
S5	10.000	10.049	.049	.494	.62813	.001	1



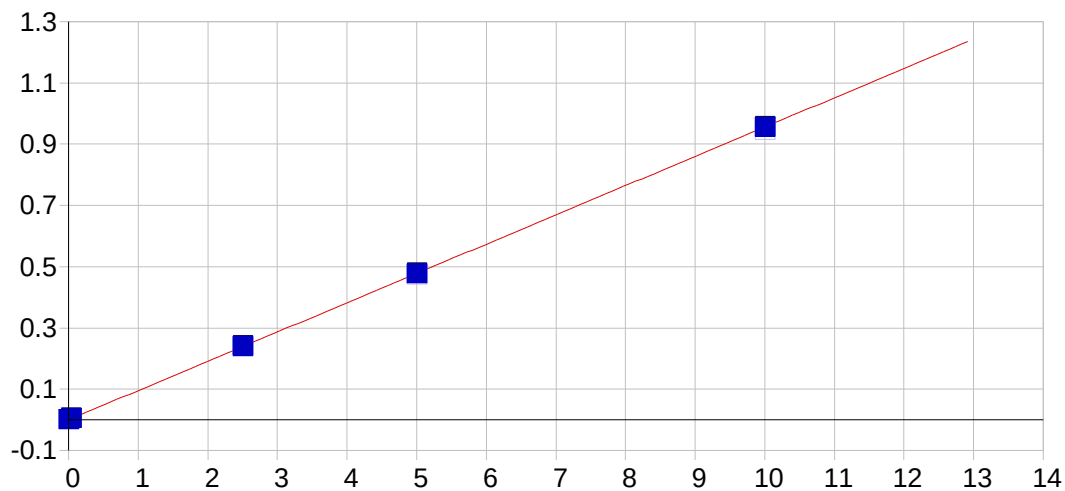
As 189.042 {479}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000125 Re-Slope: 1.000000

A1 (Gain): 0.043905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002568
 Predicted MQL: 0.008559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02000	.01798	-.002	-10.1	.00091	.000	1
S3	2.5000	2.4950	-.005	-.202	.10967	.000	1
S4	5.0000	4.9582	-.042	-.837	.21782	.001	1
S5	10.000	10.049	.049	.489	.44133	.000	1

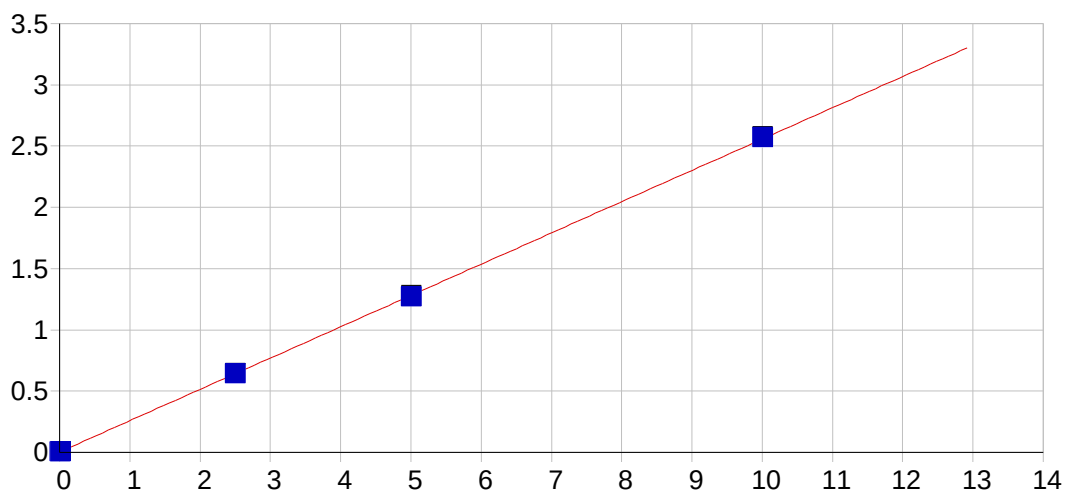


TI 190.856 {477}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.095592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.001565
 Predicted MQL: 0.005216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.04115	.001	2.87	.00379	.000	1
S3	2.5000	2.5100	.010	.400	.23744	.000	1
S4	5.0000	4.9942	-.006	-.116	.47246	.002	1
S5	10.000	9.9946	-.005	-.054	.94556	.003	1

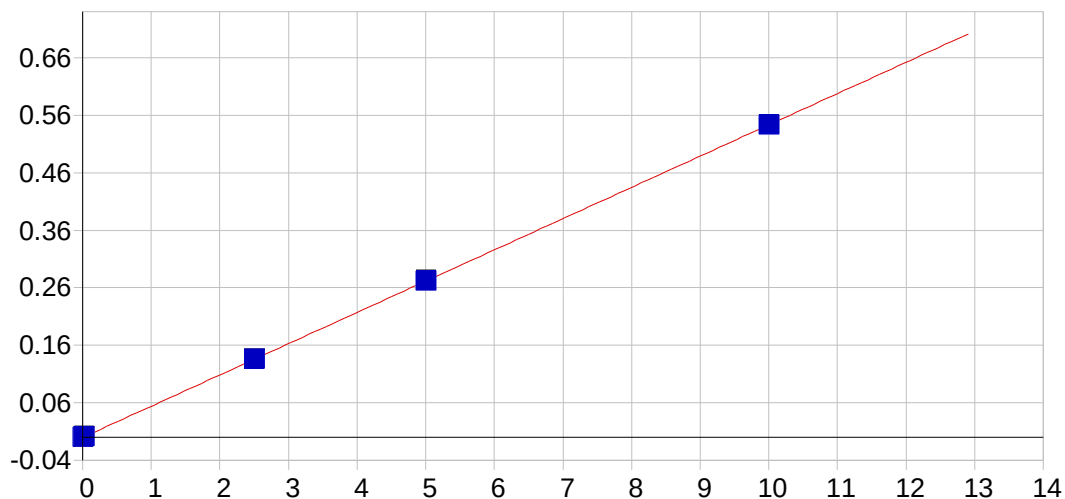


Pb 220.353 {453}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003811 Re-Slope: 1.000000
 A1 (Gain): 0.255345 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.000993
 Predicted MQL: 0.003311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00381	.000	1
S1	.01200	.01149	-.001	-4.27	.00669	.000	1
S3	2.5000	2.4933	-.007	-.269	.63965	.002	1
S4	5.0000	4.9567	-.043	-.865	1.2679	.008	1
S5	10.000	10.050	.050	.505	2.5669	.005	1



Se 196.090 {472}

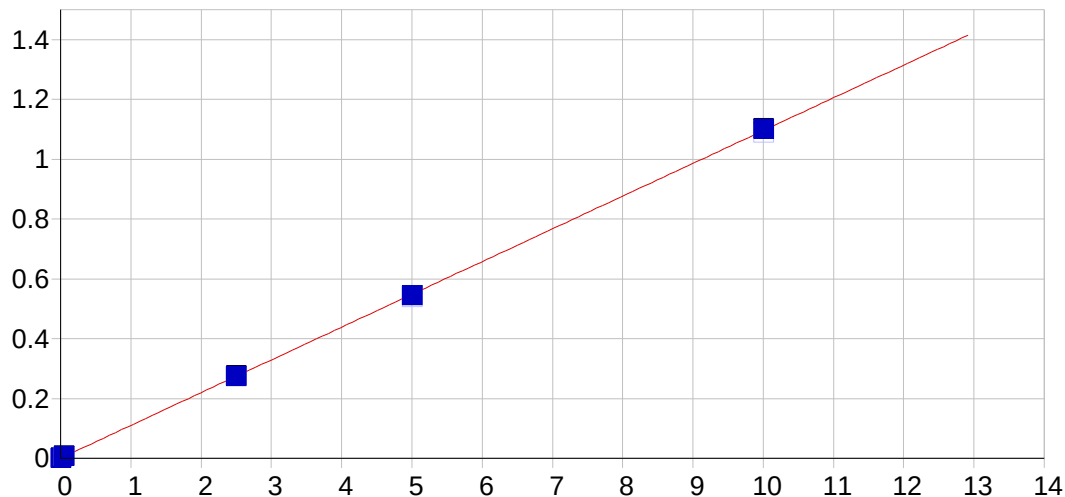
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.054354 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983
 Std Error of Est: 0.000008
 Predicted MDL: 0.002989
 Predicted MQL: 0.009964

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.02000	.02335	.003	16.8	.00094	.000	1
S3	2.5000	2.5002	.000	.010	.13550	.000	1
S4	5.0000	5.0078	.008	.156	.27173	.001	1
S5	10.000	9.9886	-.011	-.114	.54231	.001	1



Sb 206.833 {463}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

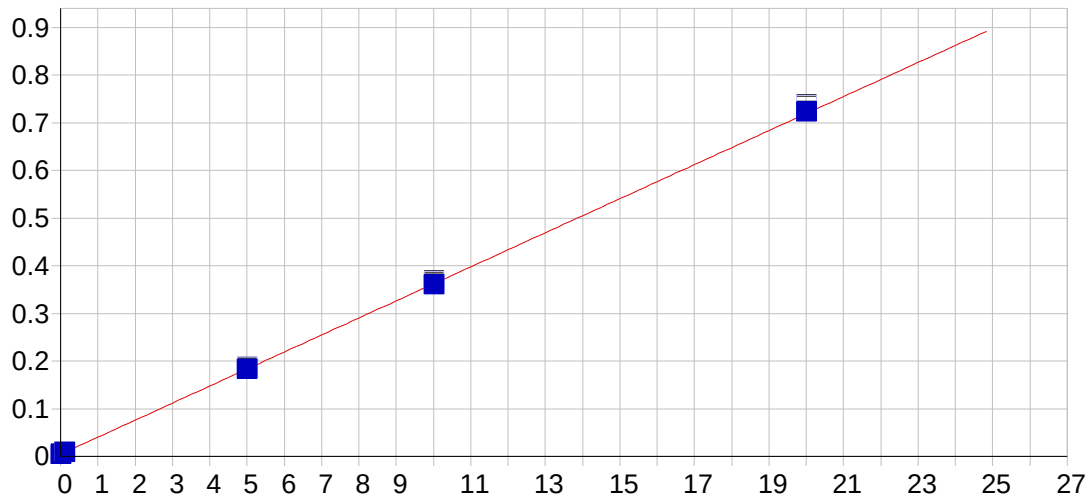
Weighting: 1/Conc

A0 (Offset): 0.000540
 A1 (Gain): 0.109514
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000028
 Predicted MDL: 0.001804
 Predicted MQL: 0.006012

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	.00054	.000	1
S1	.05000	.05322	.003	6.44	.00623	.000	1
S3	2.5000	2.4992	-.001	-.032	.27116	.001	1
S4	5.0000	4.9550	-.045	-.901	.53702	.001	1
S5	10.000	10.043	.043	.426	1.0880	.001	1

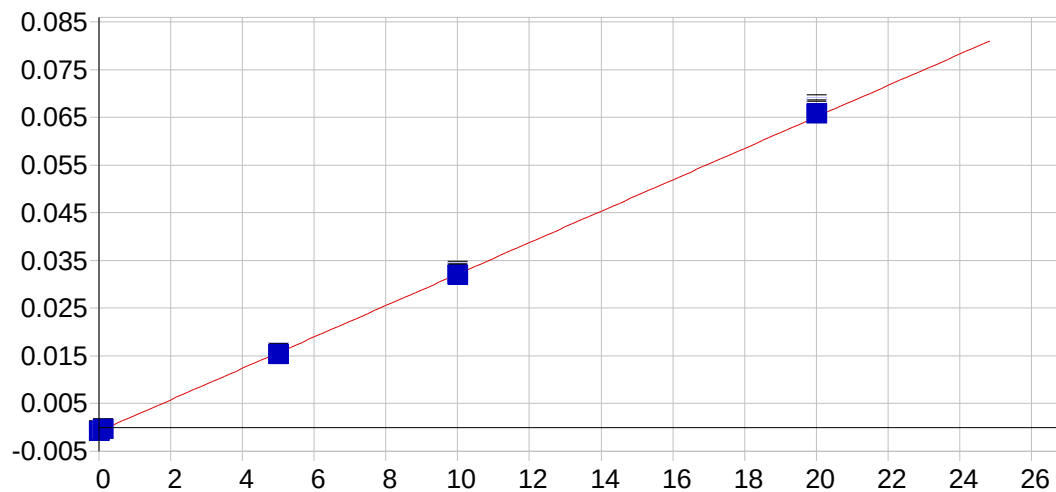


AI 308.215 {109}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004557 Re-Slope: 1.000000
 A1 (Gain): 0.035741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002865
 Predicted MQL: 0.009550

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00456	.000	1
S1	.10000	.11005	.010	10.1	.00874	.000	1
S3	5.0000	4.9769	-.023	-.463	.18599	.000	1
S4	10.000	9.9358	-.064	-.642	.36679	.001	1
S5	20.000	20.077	.077	.384	.73635	.001	1



AI 309.271 {109}

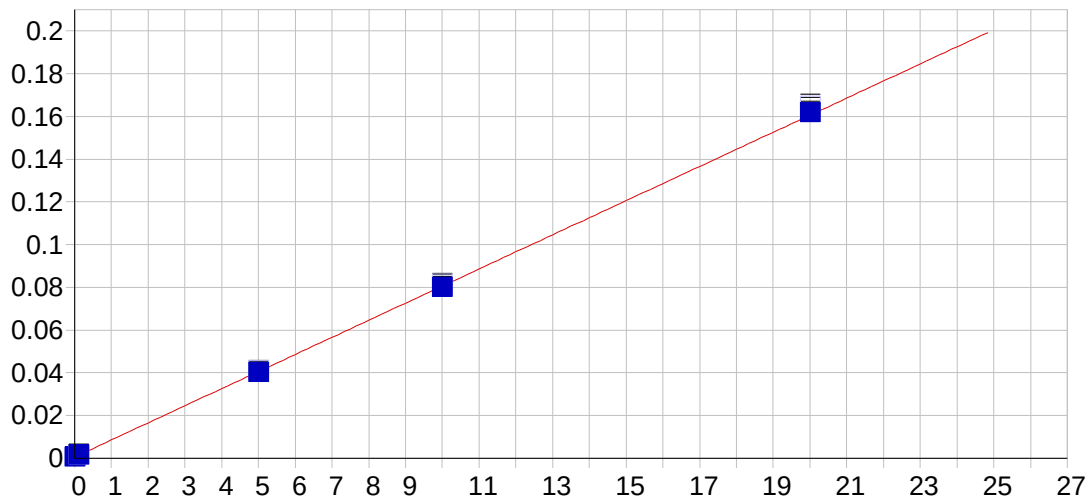
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000799 Re-Slope: 1.000000
 A1 (Gain): 0.003296 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882
 Std Error of Est: 0.000004
 Predicted MDL: 0.023138
 Predicted MQL: 0.077126

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00080	.000	1
S1	.10000	.11663	.017	16.6	-.00039	.000	1
S3	5.0000	4.8781	-.122	-2.44	.01561	.000	1
S4	10.000	9.9047	-.095	-.953	.03250	.000	1
S5	20.000	20.200	.200	.999	.06709	.001	1



AI 396.152 { 85}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

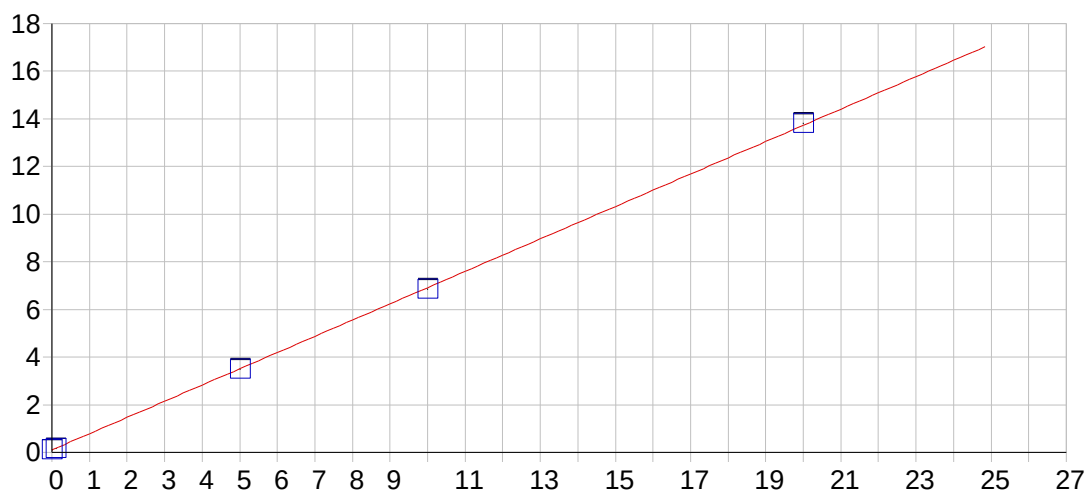
Weighting: 1/Conc

A0 (Offset): 0.000623
 A1 (Gain): 0.007999
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000007
 Predicted MDL: 0.013043
 Predicted MQL: 0.043475

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	.00062	.000	1
S1	.10000	.11407	.014	14.1	.00159	.000	1
S3	5.0000	4.9399	-.060	-1.20	.04094	.000	1
S4	10.000	9.9085	-.092	-.915	.08148	.000	1
S5	20.000	20.137	.137	.684	.16489	.001	1

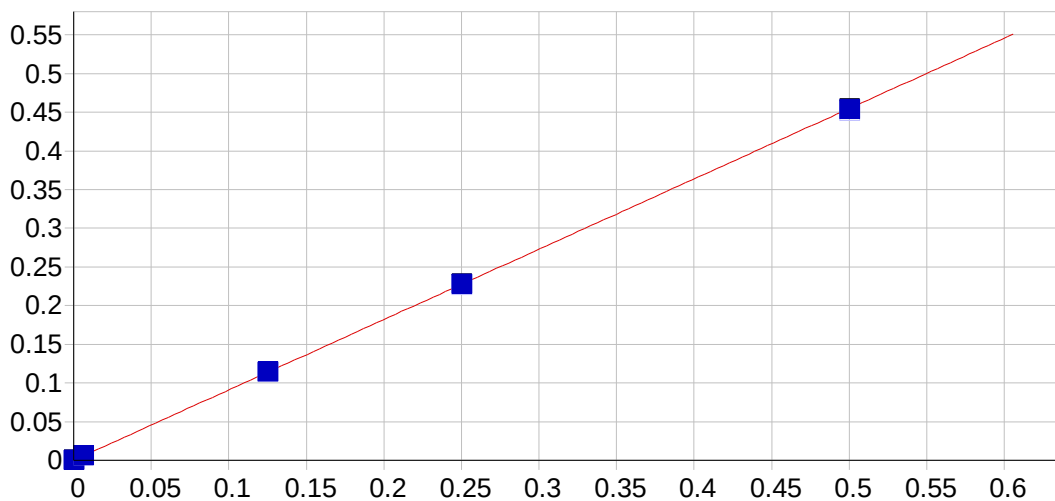


Ba 493.409 { 68}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.103576 Re-Slope: 1.000000
 A1 (Gain): 0.681329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000372
 Predicted MDL: 0.003806
 Predicted MQL: 0.012687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.10358	.002	1
S1	.10000	.10248	.002	2.48	.17340	.001	1
S3	5.0000	4.9780	-.022	-.440	3.4952	.024	1
S5	20.000	20.117	.117	.584	13.810	.022	1
S4	10.000	9.9027	-.097	-.973	6.8506	.021	1



Be 234.861 {144}

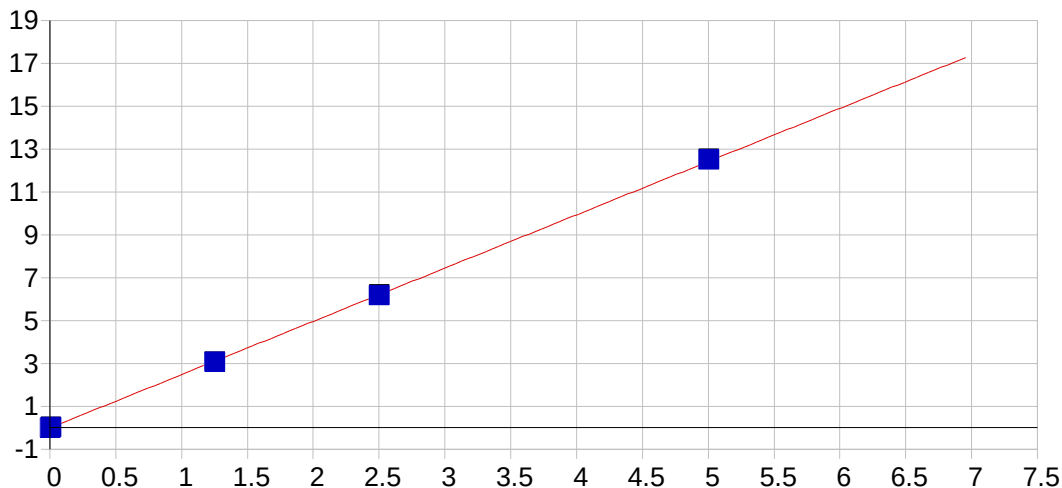
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.909168 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000023
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00600	.00659	.001	9.80	.00606	.000	1
S3	.12500	.12556	.001	.447	.11357	.000	1
S4	.25000	.25024	.000	.094	.22620	.000	1
S5	.50000	.49862	-.001	-.276	.45059	.001	1



Cd 226.502 {449}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

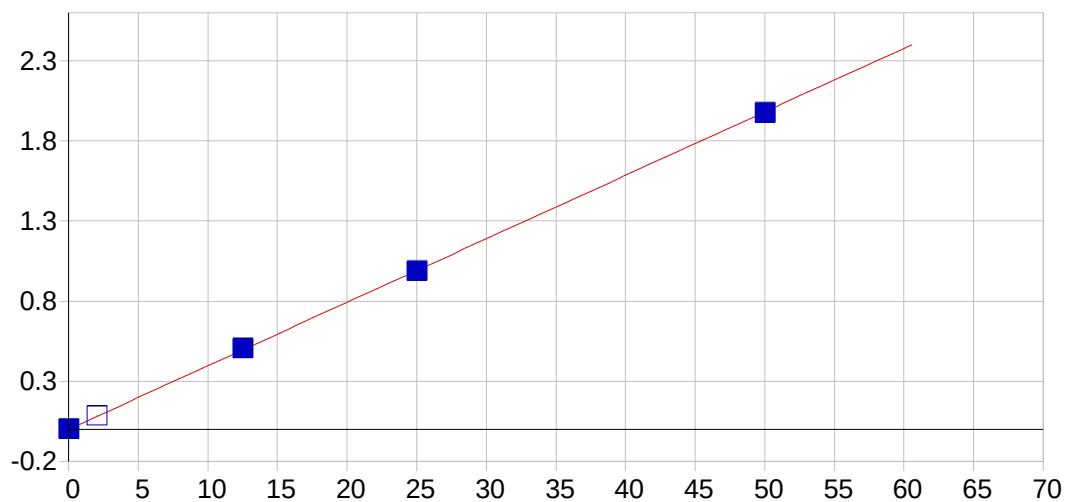
Weighting: 1/Conc

A0 (Offset): -0.001469
 A1 (Gain): 2.484314
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972
 Std Error of Est: 0.000174
 Predicted MDL: 0.000105
 Predicted MQL: 0.000352

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	-.00147	.000	1
S1	.00600	.00617	.000	2.75	.01388	.000	1
S3	1.2500	1.2359	-.014	-1.13	3.0695	.004	1
S4	2.5000	2.4824	-.018	-.706	6.1669	.032	1
S5	5.0000	5.0316	.032	.632	12.501	.016	1

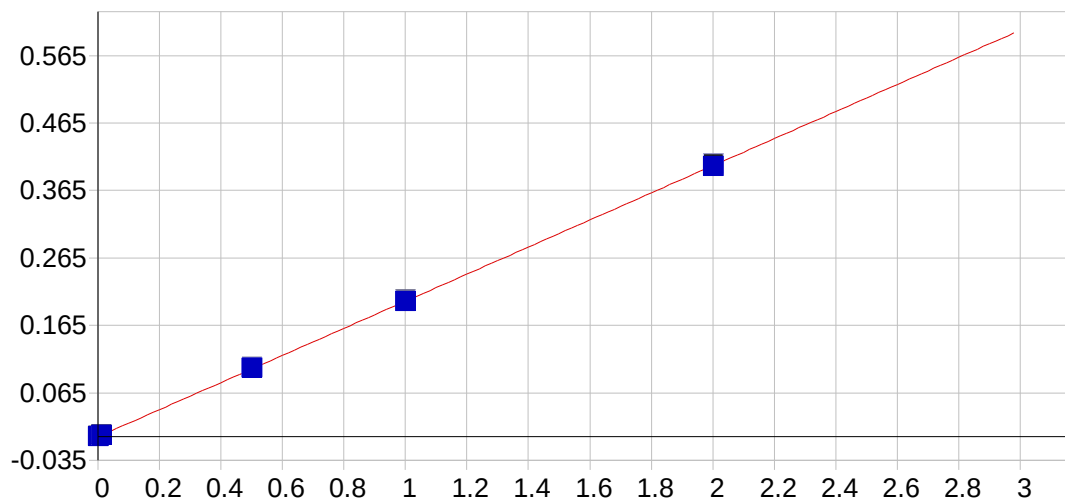


Ca 373.690 { 90}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.039632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.017478
 Predicted MQL: 0.058259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0987	.099	4.93	.08330	.000	1
S0	.00000	-.00012	-.000	.000	.00012	.000	1
S3	12.500	12.735	.235	1.88	.50512	.002	1
S4	25.000	24.928	-.072	-.289	.98859	.003	1
S5	50.000	49.738	-.262	-.524	1.9724	.005	1



Cr 267.716 {126}

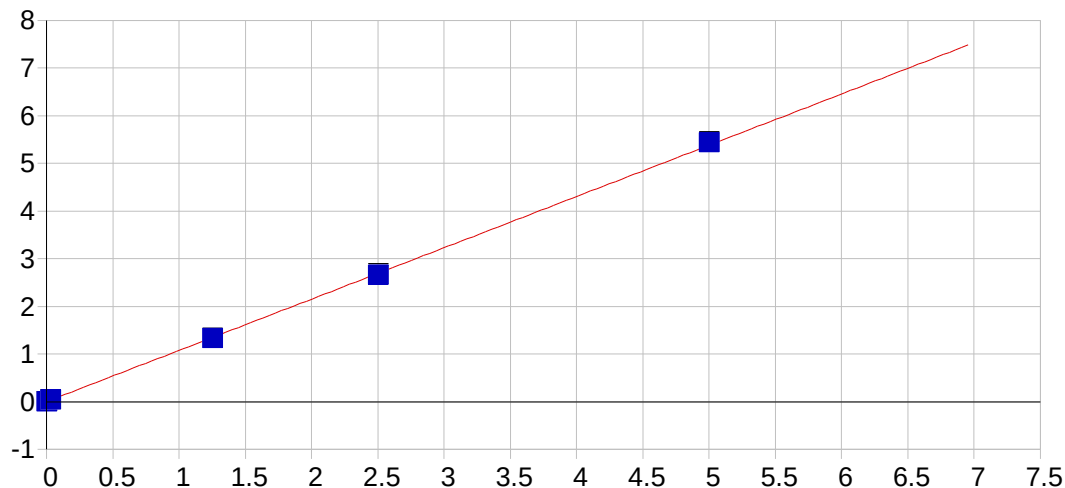
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.200840 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000006
 Predicted MDL: 0.000436
 Predicted MQL: 0.001454

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.01000	.01025	.000	2.47	.00198	.000	1
S3	.50000	.50483	.005	.967	.10209	.000	1
S4	1.0000	.99884	-.001	-.116	.20210	.000	1
S5	2.0000	1.9961	-.004	-.196	.40396	.000	1



Co 228.616 {447}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

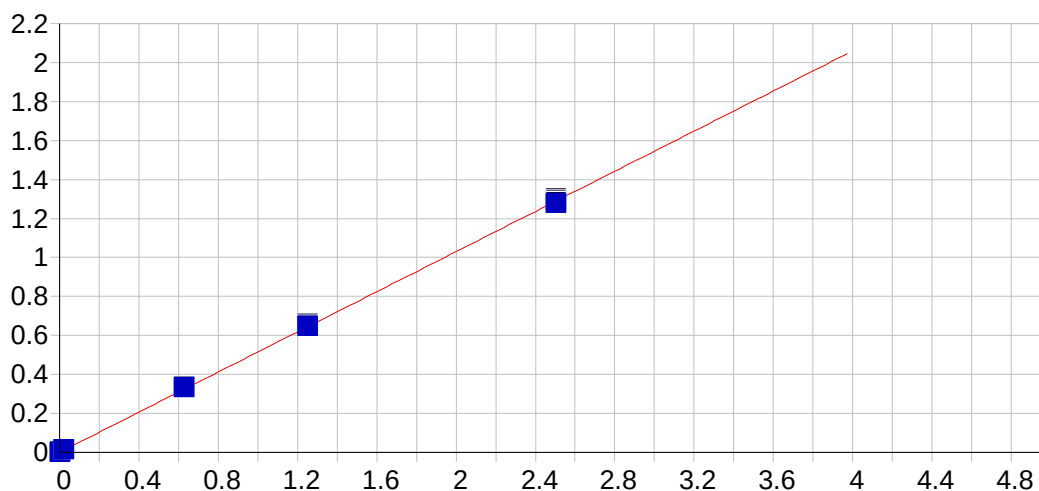
Weighting: 1/Conc

A0 (Offset): -0.000301
 A1 (Gain): 1.076504
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000255
 Predicted MDL: 0.000227
 Predicted MQL: 0.000756

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	-.00030	.000	1
S1	.03000	.02954	-.000	-1.53	.03128	.000	1
S3	1.2500	1.2322	-.018	-1.43	1.3272	.002	1
S4	2.5000	2.4693	-.031	-1.23	2.6600	.017	1
S5	5.0000	5.0490	.049	.980	5.4392	.009	1

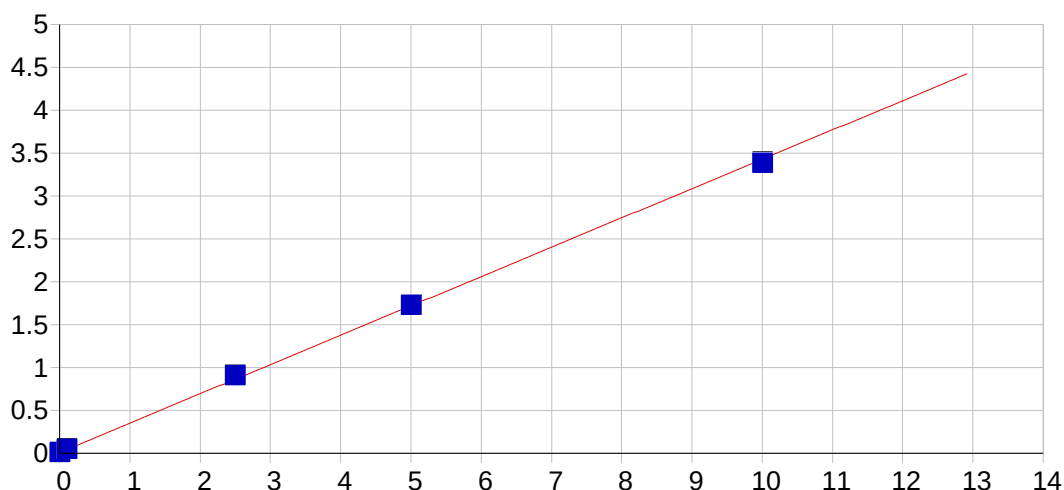


Cu 224.700 {450}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000206 Re-Slope: 1.000000
 A1 (Gain): 0.514911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000522
 Predicted MQL: 0.001740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.02000	.02205	.002	10.2	.01172	.000	1
S3	.62500	.64068	.016	2.51	.33530	.001	1
S4	1.2500	1.2547	.005	.373	.65665	.001	1
S5	2.5000	2.4776	-.022	-.896	1.2968	.004	1



Fe 240.488 {140}

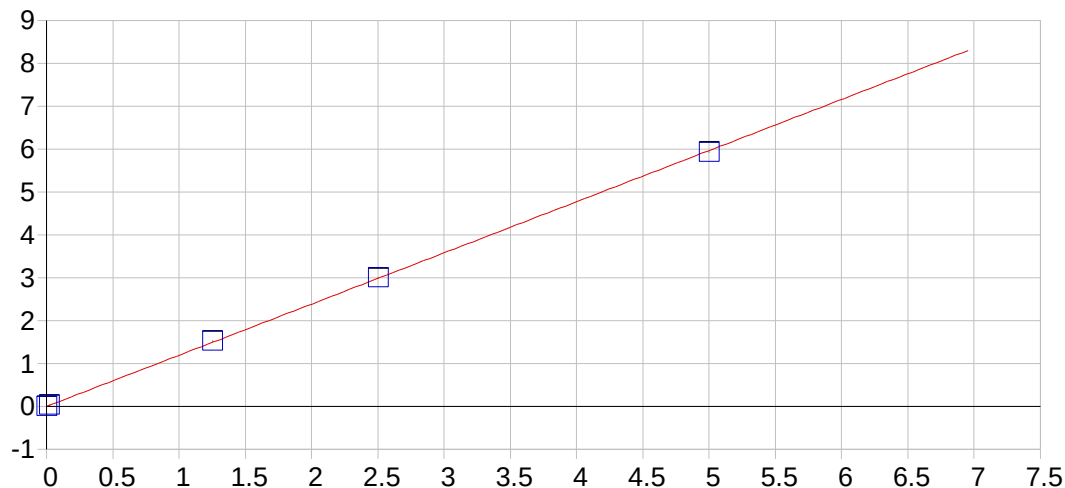
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009633 Re-Slope: 1.000000
 A1 (Gain): 0.341883 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738
 Std Error of Est: 0.000425
 Predicted MDL: 0.001315
 Predicted MQL: 0.004383

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00963	.000	1
S1	.10000	.11198	.012	12.0	.04809	.001	1
S3	2.5000	2.6186	.119	4.74	.90807	.003	1
S4	5.0000	5.0169	.017	.339	1.7312	.002	1
S5	10.000	9.8525	-.148	-1.48	3.3908	.007	1



Mn 257.610 {131}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

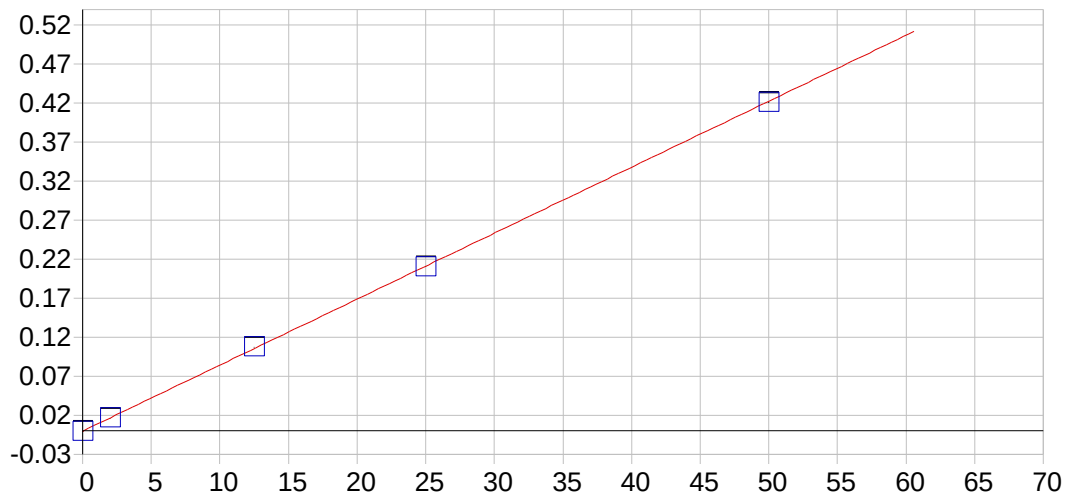
Weighting: 1/Conc

A0 (Offset): -0.000035
 A1 (Gain): 1.193541
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000218
 Predicted MDL: 0.000067
 Predicted MQL: 0.000224

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02251	.003	12.5	.02683	.000	1
S3	1.2500	1.2734	.023	1.87	1.5199	.002	1
S4	2.5000	2.5077	.008	.308	2.9930	.004	1
S5	5.0000	4.9664	-.034	-.673	5.9275	.007	1

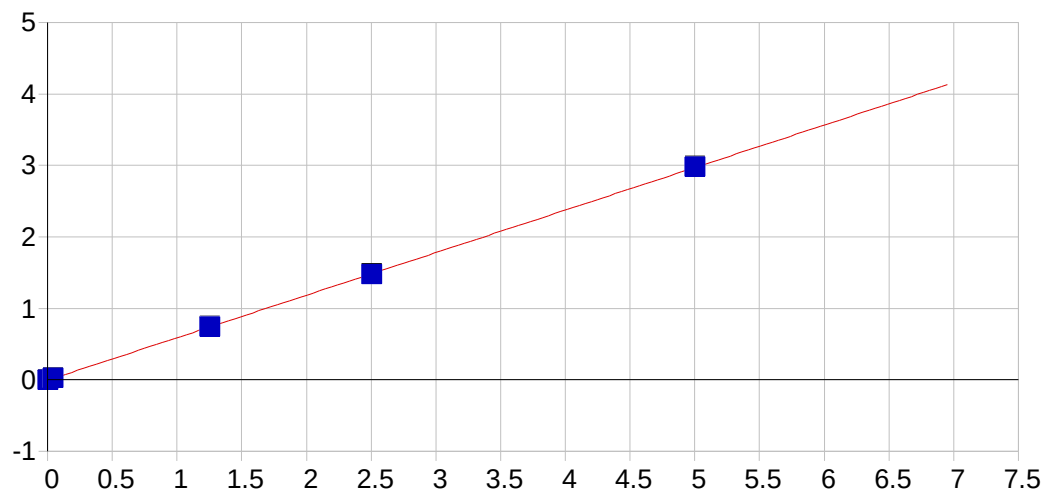


Mg 279.079 {121}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.008453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.041975
 Predicted MQL: 0.139916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9822	-.018	-.888	.01664	.000	1
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S3	12.500	12.747	.247	1.98	.10764	.000	1
S4	25.000	24.934	-.066	-.262	.21066	.001	1
S5	50.000	49.836	-.164	-.328	.42116	.001	1



Ni 231.604 {445}

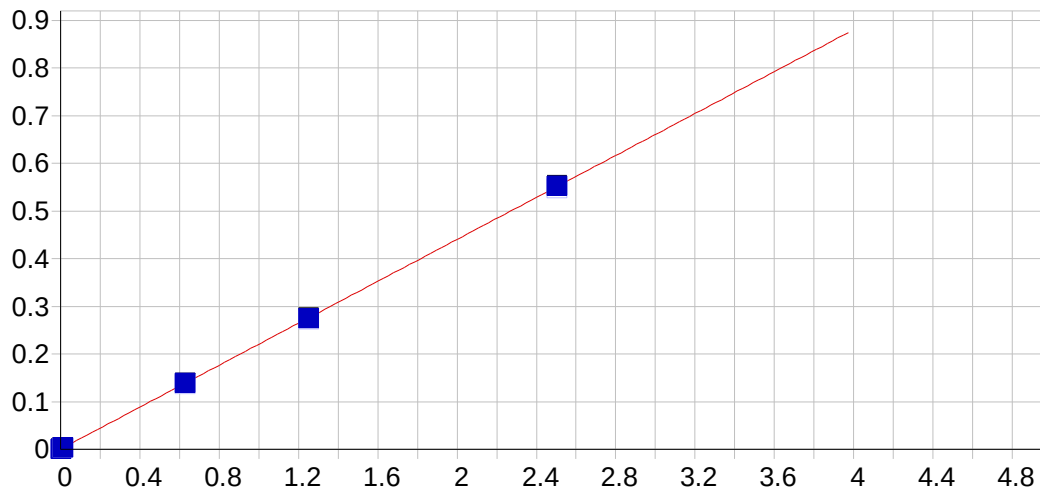
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005494 Re-Slope: 1.000000
 A1 (Gain): 0.595068 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000078
 Predicted MDL: 0.000429
 Predicted MQL: 0.001431

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00549	.000	1
S1	.04000	.04163	.002	4.08	.01929	.000	1
S3	1.2500	1.2548	.005	.382	.74199	.002	1
S4	2.5000	2.4811	-.019	-.756	1.4726	.009	1
S5	5.0000	5.0125	.012	.250	2.9805	.004	1



Ag 328.068 {103}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

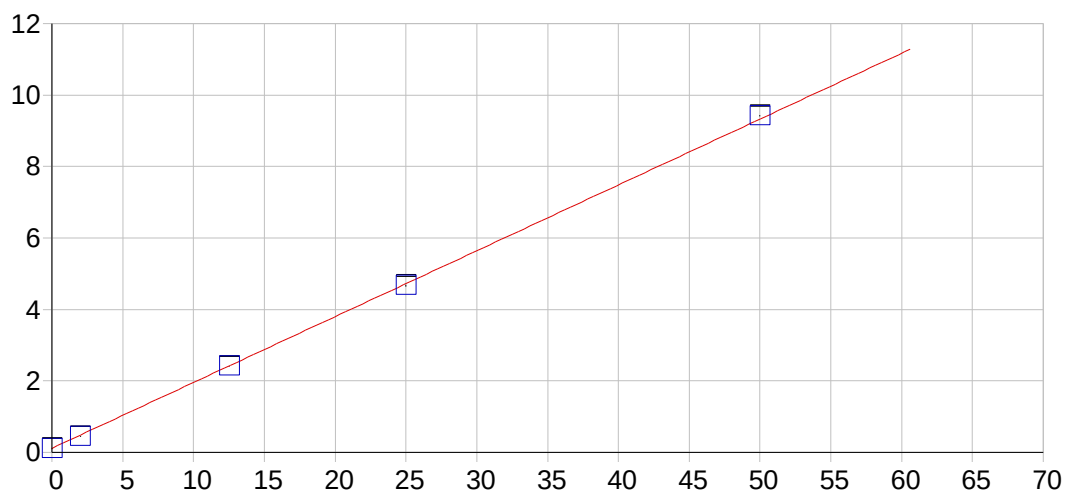
Weighting: 1/Conc

A0 (Offset): 0.000531
 A1 (Gain): 0.220029
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000010
 Predicted MDL: 0.000597
 Predicted MQL: 0.001989

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	.00053	.000	1
S1	.01000	.01078	.001	7.83	.00286	.000	1
S3	.62500	.62359	-.001	-.225	.13618	.000	1
S4	1.2500	1.2433	-.007	-.538	.27097	.001	1
S5	2.5000	2.5074	.007	.294	.54598	.002	1

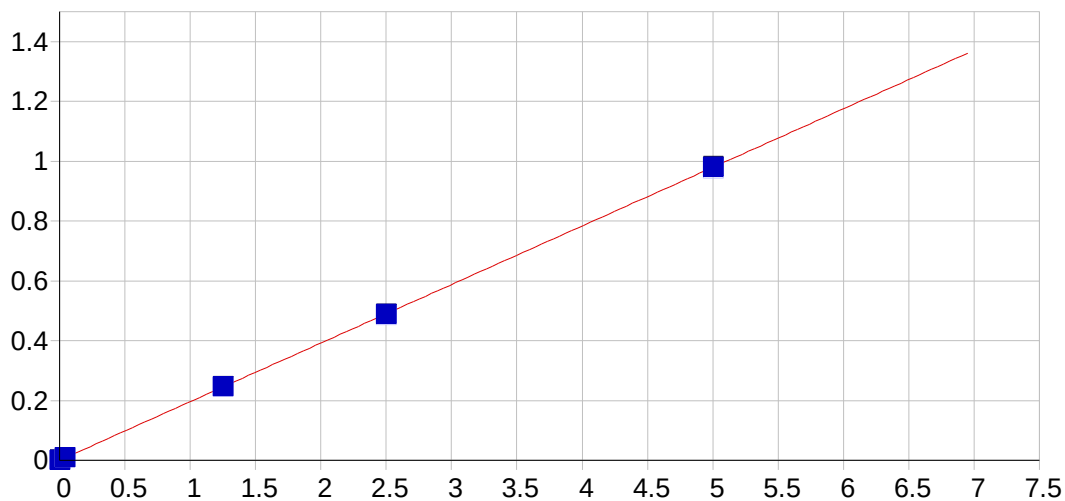


Na 589.592 { 57}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.114975 Re-Slope: 1.000000
 A1 (Gain): 0.184266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.001611
 Predicted MDL: 0.012147
 Predicted MQL: 0.040491

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.8244	-.176	-8.78	.45116	.001	1
S0	.00000	.00018	.000	.000	.11501	.004	1
S3	12.500	12.477	-.023	-.182	2.4141	.012	1
S4	25.000	24.725	-.275	-1.10	4.6711	.028	1
S5	50.000	50.473	.473	.946	9.4154	.019	1



V 292.402 {115}

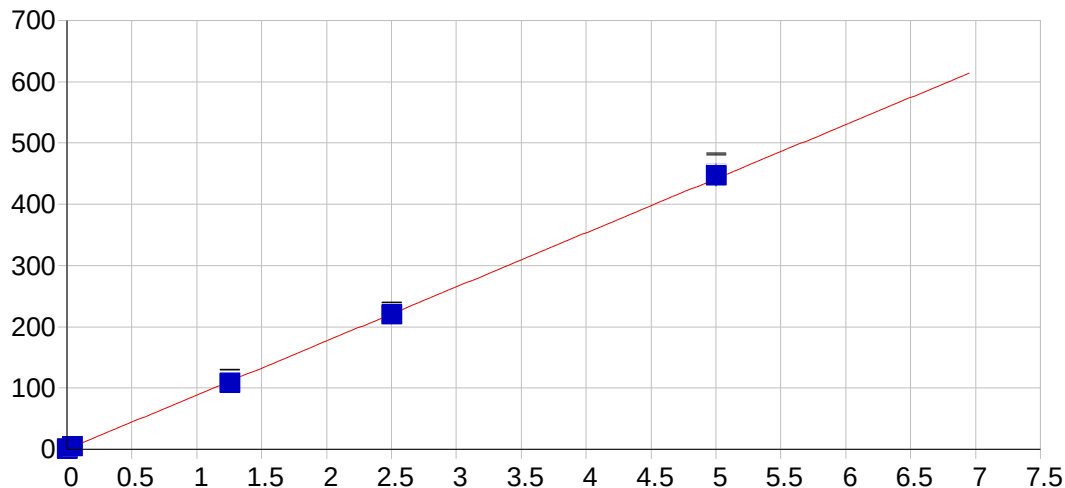
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000305 Re-Slope: 1.000000
 A1 (Gain): 0.195818 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000024
 Predicted MDL: 0.000498
 Predicted MQL: 0.001660

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.04000	.04192	.002	4.80	.00839	.000	1
S3	1.2500	1.2575	.007	.600	.24495	.000	1
S4	2.5000	2.4857	-.014	-.572	.48385	.002	1
S5	5.0000	5.0049	.005	.098	.97396	.002	1



Zn 206.200 {163}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

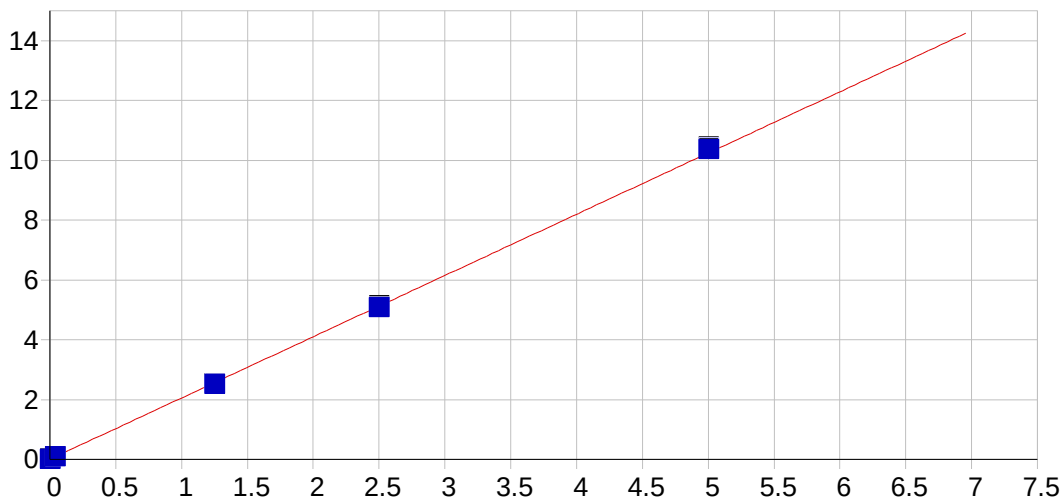
Weighting: 1/Conc

A0 (Offset): 0.177189
 A1 (Gain): 88.323165
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908
 Std Error of Est: 0.029137
 Predicted MDL: 0.000390
 Predicted MQL: 0.001301

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	.17715	.005	1
S1	.04000	.04142	.001	3.56	3.8589	.156	1
S3	1.2500	1.2179	-.032	-2.57	108.41	5.33	1
S4	2.5000	2.4778	-.022	-.889	220.36	3.25	1
S5	5.0000	5.0529	.053	1.06	449.14	17.6	1

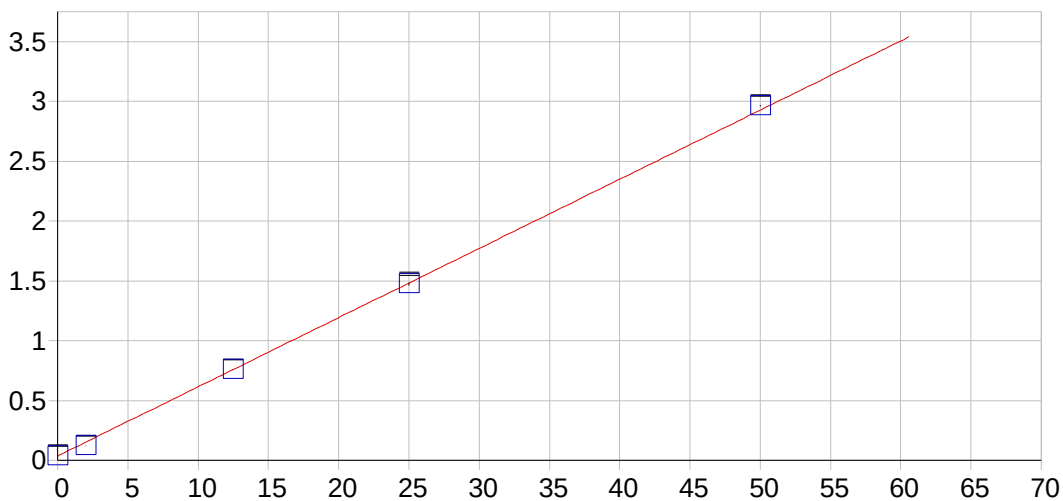


Zn 213.856 {458}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005262 Re-Slope: 1.000000
 A1 (Gain): 2.047594 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000710
 Predicted MDL: 0.000099
 Predicted MQL: 0.000331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00526	.000	1
S1	.04000	.03947	-.001	-1.31	.08666	.000	1
S3	1.2500	1.2196	-.030	-2.43	2.5188	.003	1
S4	2.5000	2.4710	-.029	-1.16	5.0974	.028	1
S5	5.0000	5.0600	.060	1.20	10.431	.018	1



K 766.490 {44}

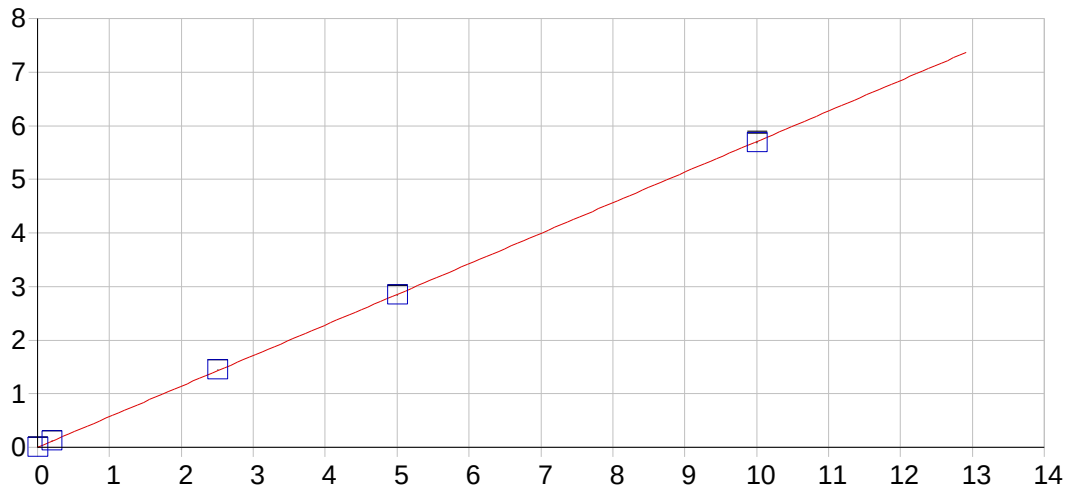
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036157 Re-Slope: 1.000000
 A1 (Gain): 0.057822 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999220
 Std Error of Est: 0.001247
 Predicted MDL: 0.042505
 Predicted MQL: 0.141683

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.4882	-.512	-25.6	.12221	.002	1
S0	.00000	.00050	.000	.000	.03619	.004	1
S3	12.500	12.487	-.013	-.103	.75819	.001	1
S4	25.000	24.886	-.114	-.454	1.4751	.013	1
S5	50.000	50.638	.638	1.28	2.9642	.004	1



Mo 202.030 {467}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

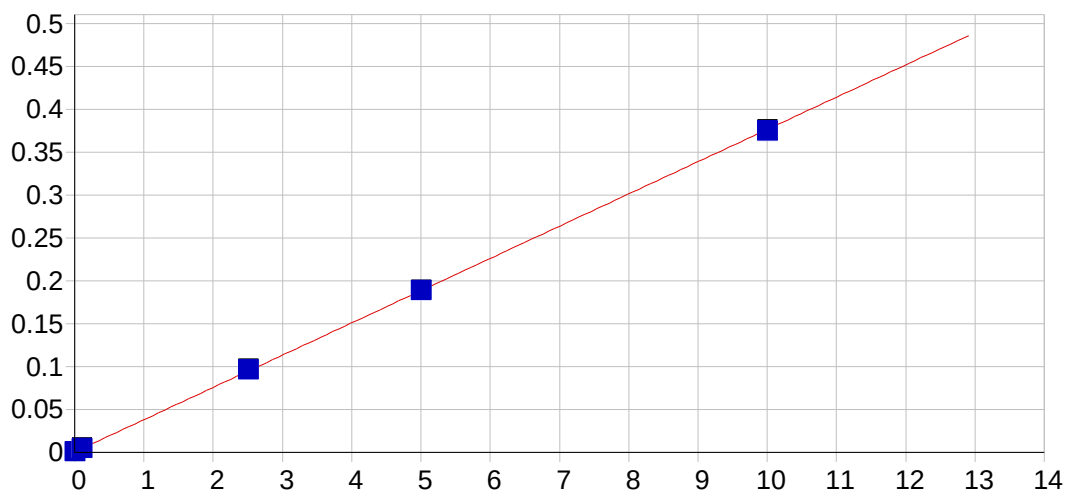
Weighting: 1/Conc

A0 (Offset): 0.000628
 A1 (Gain): 0.570272
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000468
 Predicted MDL: 0.000312
 Predicted MQL: 0.001039

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00062	.000	1
S1	.20000	.21641	.016	8.20	.12404	.000	1
S3	2.5000	2.5348	.035	1.39	1.4462	.002	1
S4	5.0000	4.9771	-.023	-.459	2.8389	.004	1
S5	10.000	9.9717	-.028	-.283	5.6872	.018	1

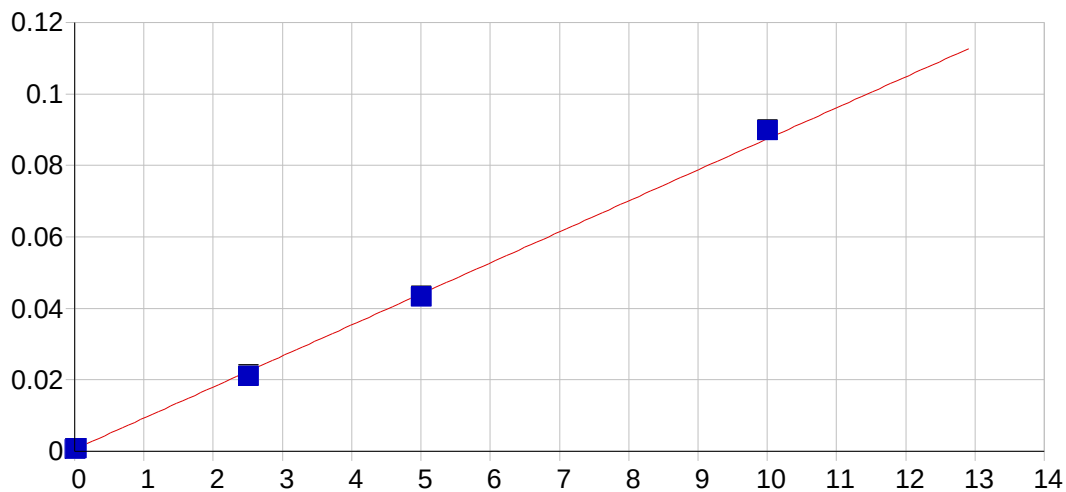


B 249.678 {135}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000533 Re-Slope: 1.000000
 A1 (Gain): 0.037607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.007921
 Predicted MQL: 0.026403

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00053	.000	1
S1	.10000	.11004	.010	10.0	.00466	.001	1
S3	2.5000	2.5409	.041	1.64	.09587	.001	1
S4	5.0000	5.0029	.003	.057	.18824	.000	1
S5	10.000	9.9462	-.054	-.538	.37370	.001	1



S 182.034 {485}

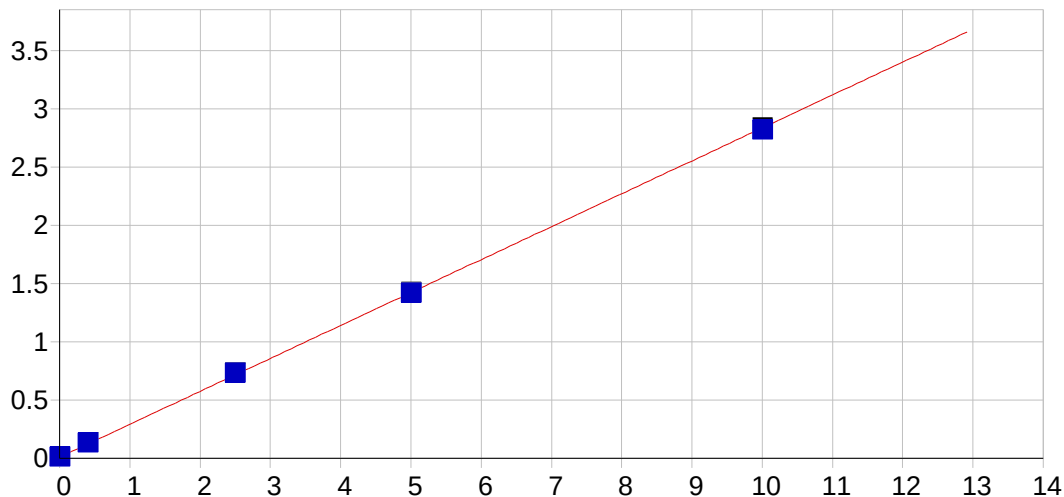
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000621 Re-Slope: 1.000000
 A1 (Gain): 0.008682 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999157
 Std Error of Est: 0.000009
 Predicted MDL: 0.011343
 Predicted MQL: 0.037809

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00062	.000	1
S1	.02000	.00509	-.015	-74.5	.00066	.000	1
S3	2.5000	2.3493	-.151	-6.03	.02099	.000	1
S4	5.0000	4.8971	-.103	-2.06	.04309	.000	1
S5	10.000	10.268	.268	2.68	.08967	.000	1



Si 288.158 {117}

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

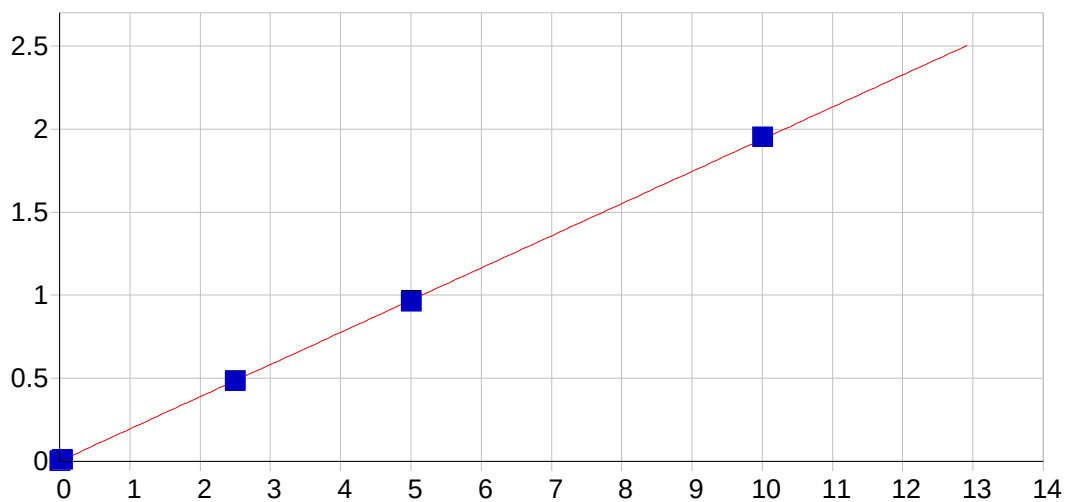
Weighting: 1/Conc

A0 (Offset): 0.009795
 A1 (Gain): 0.282555
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905
 Std Error of Est: 0.000424
 Predicted MDL: 0.002833
 Predicted MQL: 0.009445

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	.00979	.000	1
S1	.40000	.42989	.030	7.47	.13117	.001	1
S3	2.5000	2.5431	.043	1.73	.72799	.002	1
S4	5.0000	4.9887	-.011	-.225	1.4186	.006	1
S5	10.000	9.9383	-.062	-.617	2.8164	.014	1

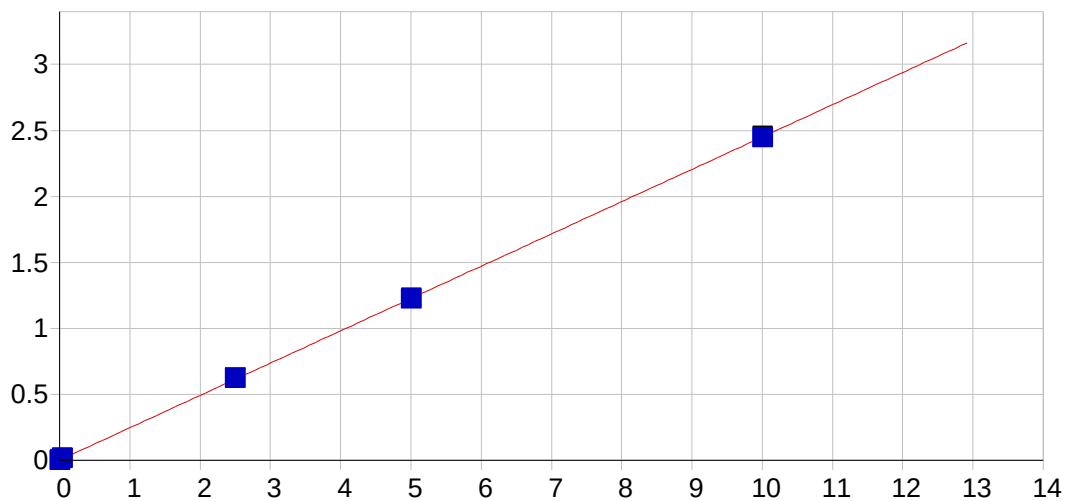


Sn 189.989 {477}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001624 Re-Slope: 1.000000
 A1 (Gain): 0.193702 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.000697
 Predicted MQL: 0.002324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00162	.000	1
S1	.04000	.04003	.000	.068	.00938	.000	1
S3	2.5000	2.4861	-.014	-.556	.48327	.002	1
S4	5.0000	4.9516	-.048	-.968	.96093	.005	1
S5	10.000	10.062	.062	.623	1.9510	.003	1



Ti 336.121 {100}

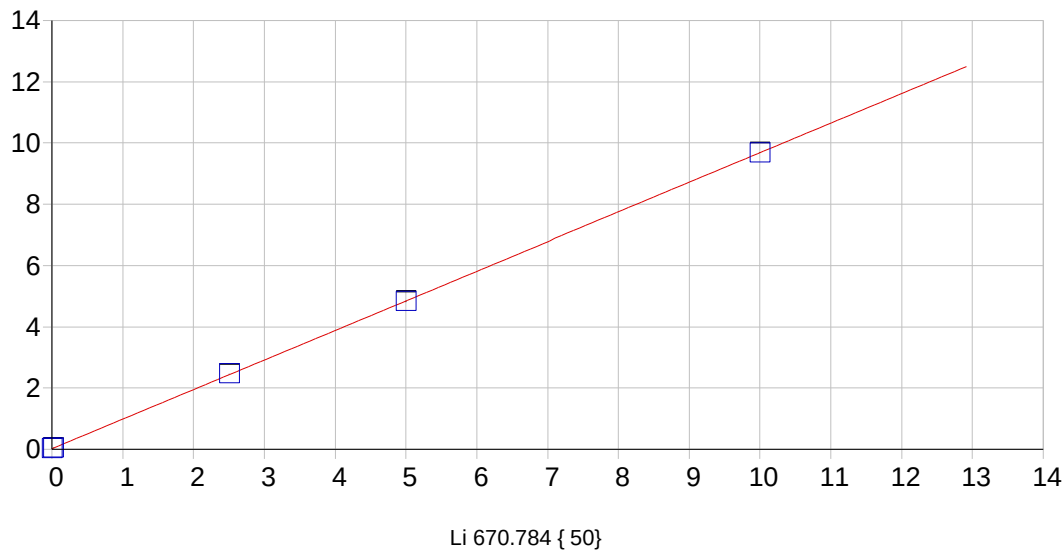
Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002130 Re-Slope: 1.000000
 A1 (Gain): 0.244794 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000039
 Predicted MDL: 0.002151
 Predicted MQL: 0.007171

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00213	.001	1
S1	.04000	.04220	.002	5.50	.01246	.000	1
S3	2.5000	2.5229	.023	.915	.61964	.004	1
S4	5.0000	4.9891	-.011	-.217	1.2233	.004	1
S5	10.000	9.9858	-.014	-.142	2.4463	.007	1



Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

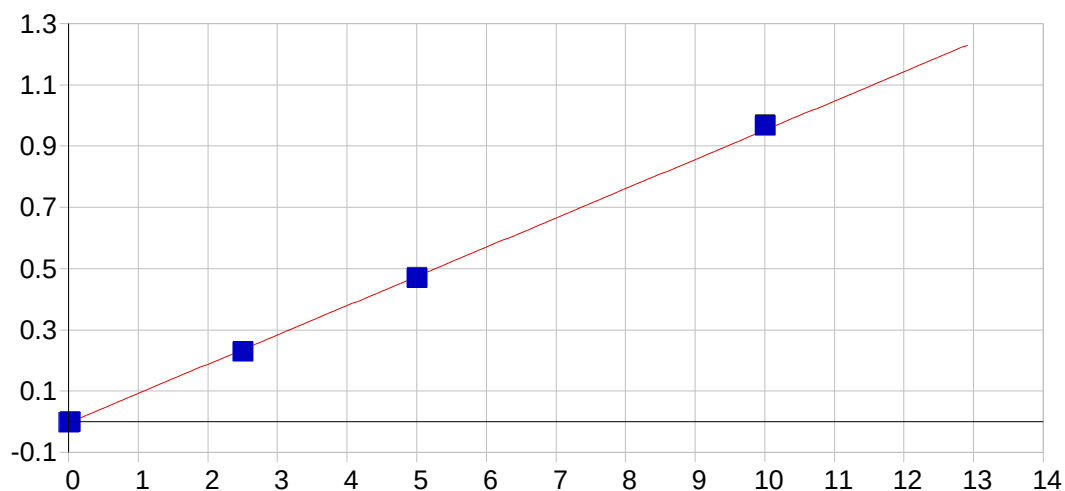
Weighting: 1/Conc

A0 (Offset): 0.025350
 A1 (Gain): 0.965257
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000176
 Predicted MDL: 0.002515
 Predicted MQL: 0.008383

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	.02535	.003	1
S1	.02000	.01625	-.004	-18.8	.04103	.002	1
S3	2.5000	2.5227	.023	.910	2.4605	.015	1
S4	5.0000	4.9789	-.021	-.422	4.8313	.020	1
S5	10.000	10.002	.002	.021	9.6799	.005	1

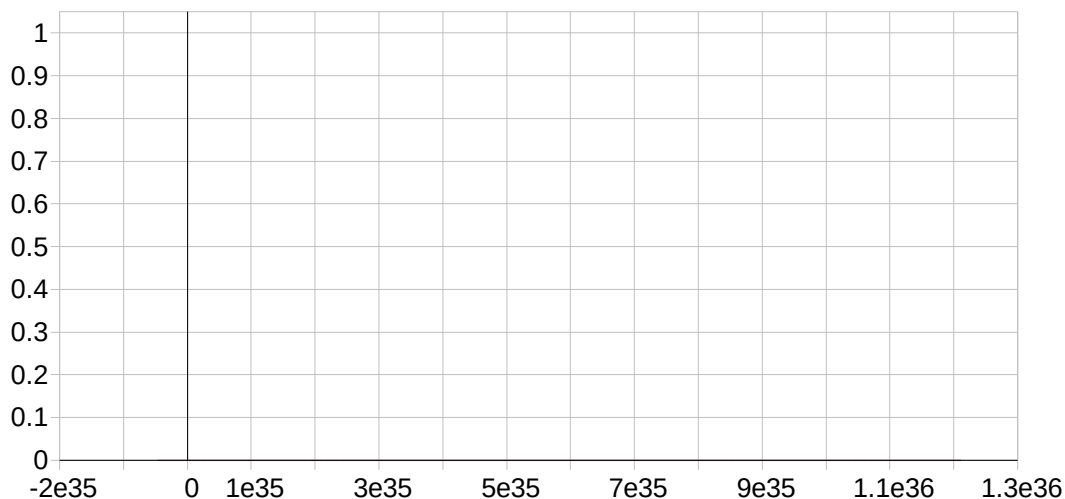


P 177.495 {490}

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003094 Re-Slope: 1.000000
 A1 (Gain): 0.095489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001404
 Predicted MQL: 0.004681

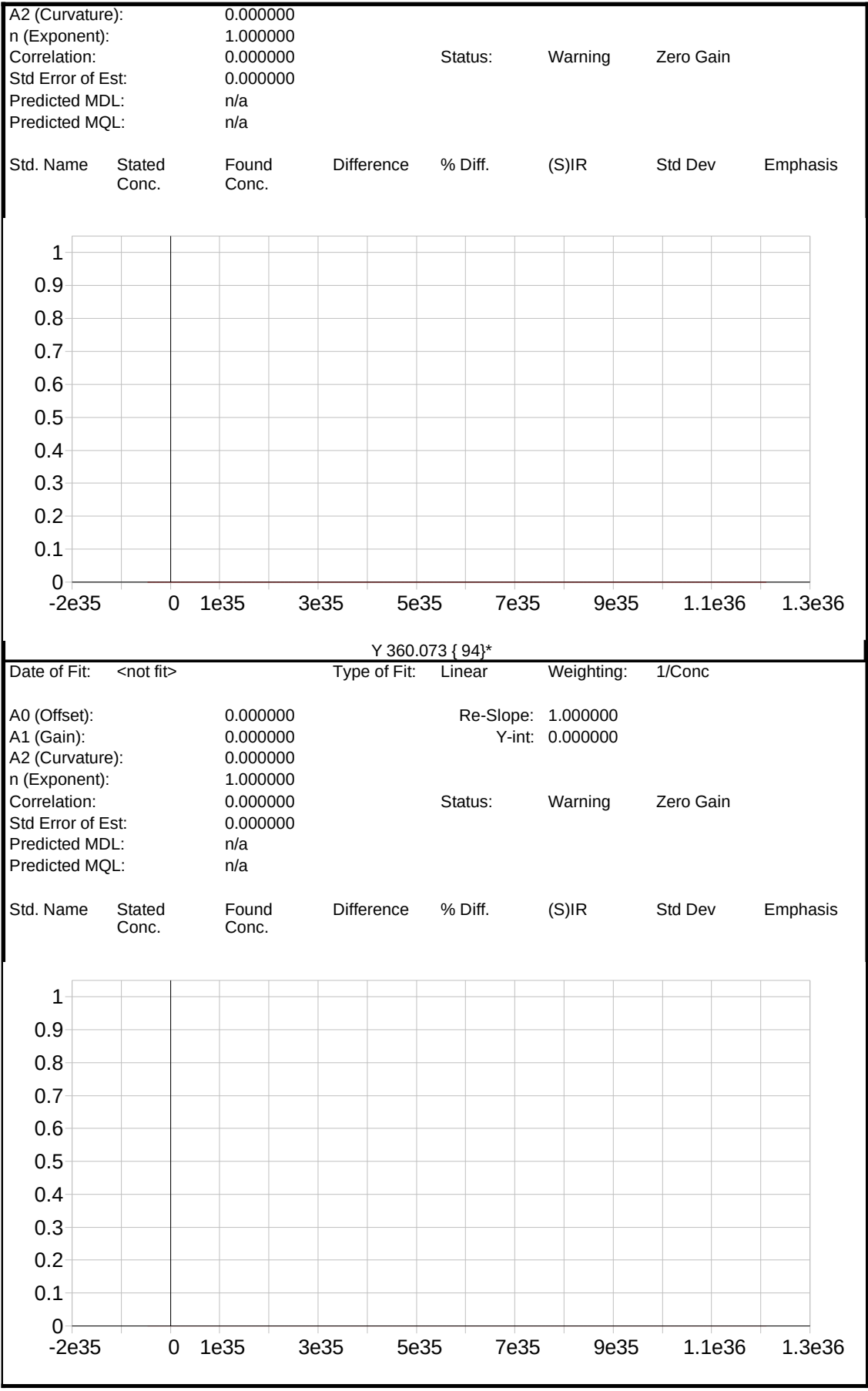
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00309	.000	1
S1	.02000	.01818	-.002	-9.11	-.00136	.000	1
S3	2.5000	2.4129	-.087	-3.49	.22696	.000	1
S4	5.0000	4.9417	-.058	-1.17	.46810	.002	1
S5	10.000	10.147	.147	1.47	.96447	.002	1

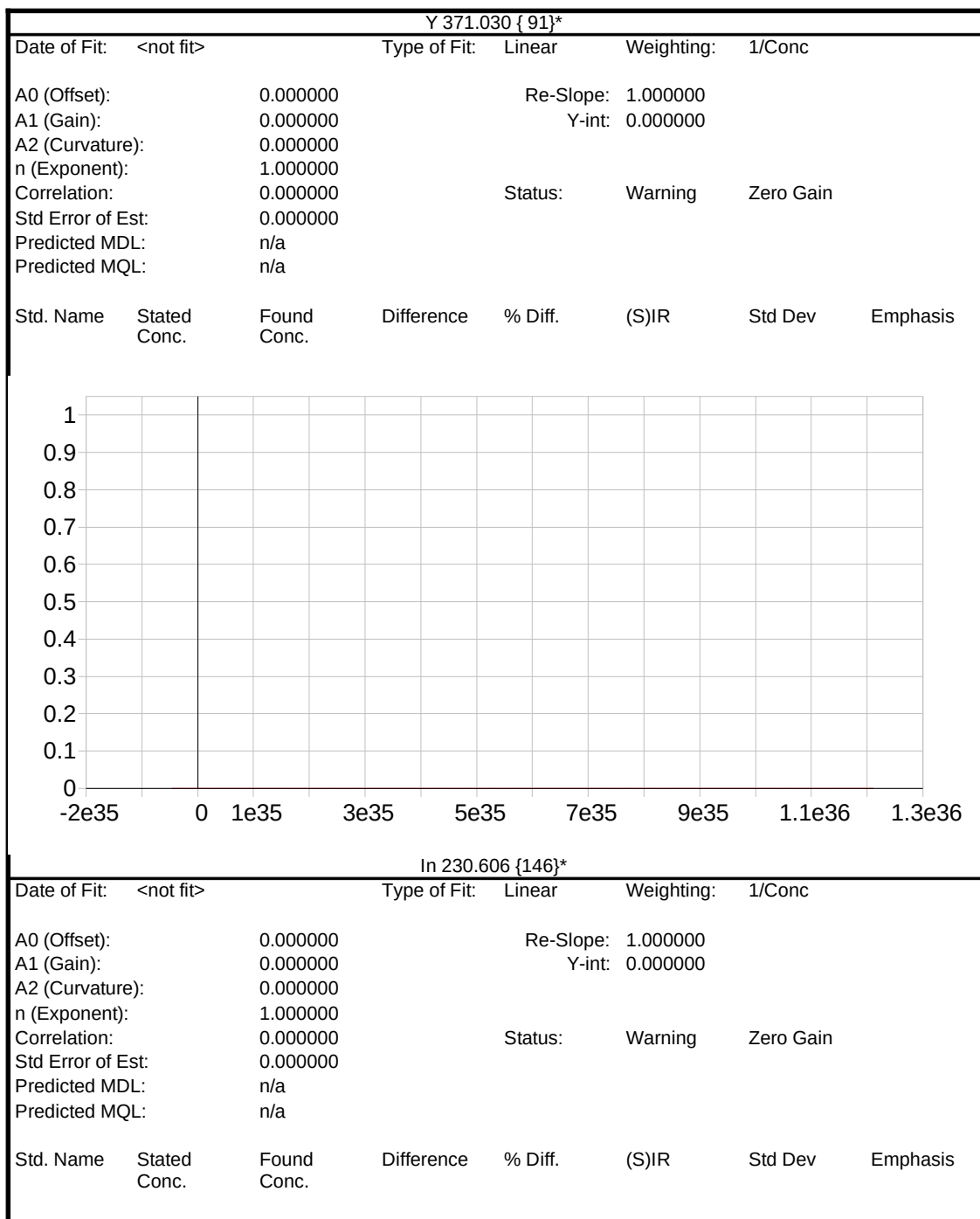


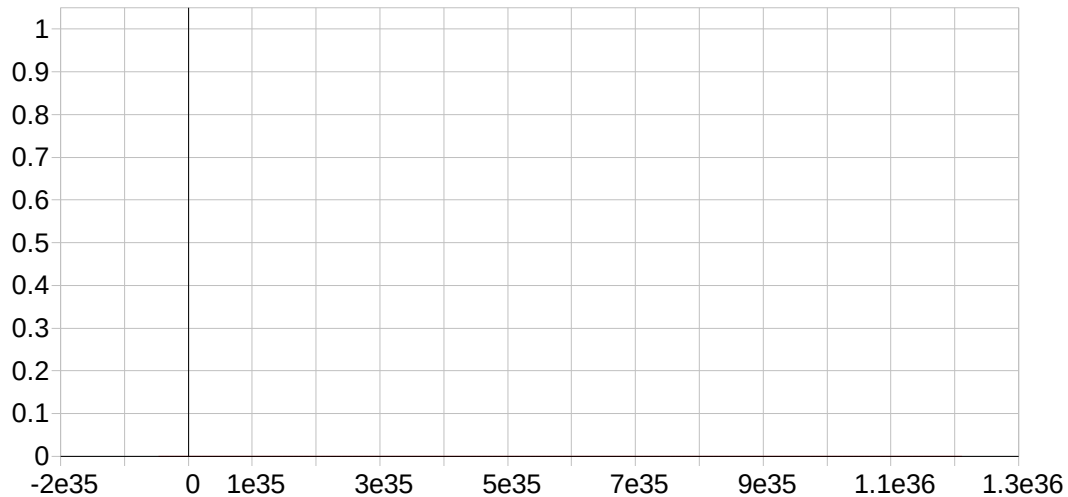
Y 224.306 {450}*

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

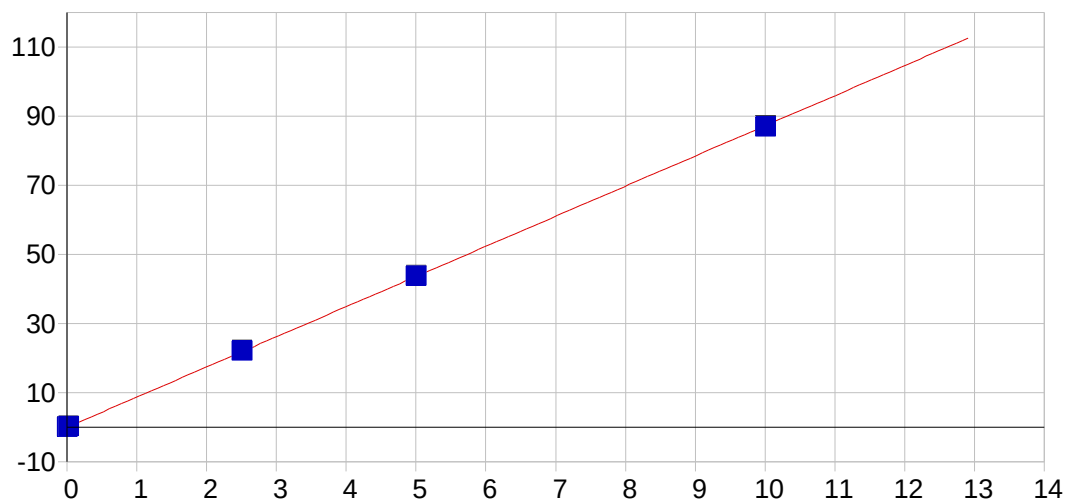
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 3/15/2019 14:43:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008687

Re-Slope: 1.000000

A1 (Gain): 8.721447

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999988

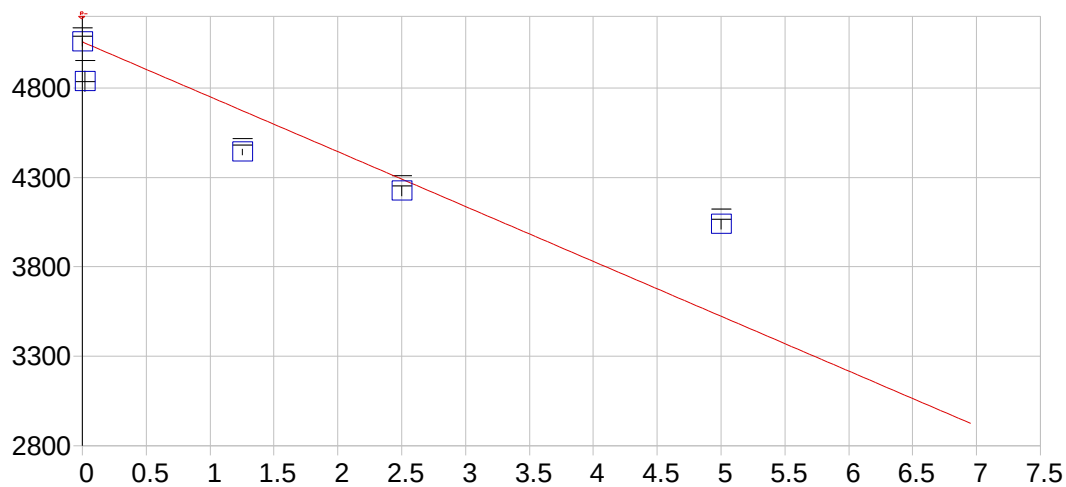
Status: OK.

Std Error of Est: 0.001037

Predicted MDL: 0.000110

Predicted MQL: 0.000367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00870	.000	1
S1	.02000	.02125	.001	6.26	.17762	.001	1
S3	2.5000	2.5239	.024	.956	22.027	.120	1
S4	5.0000	5.0075	.008	.150	43.712	.116	1
S5	10.000	9.9673	-.033	-.327	87.017	.231	1

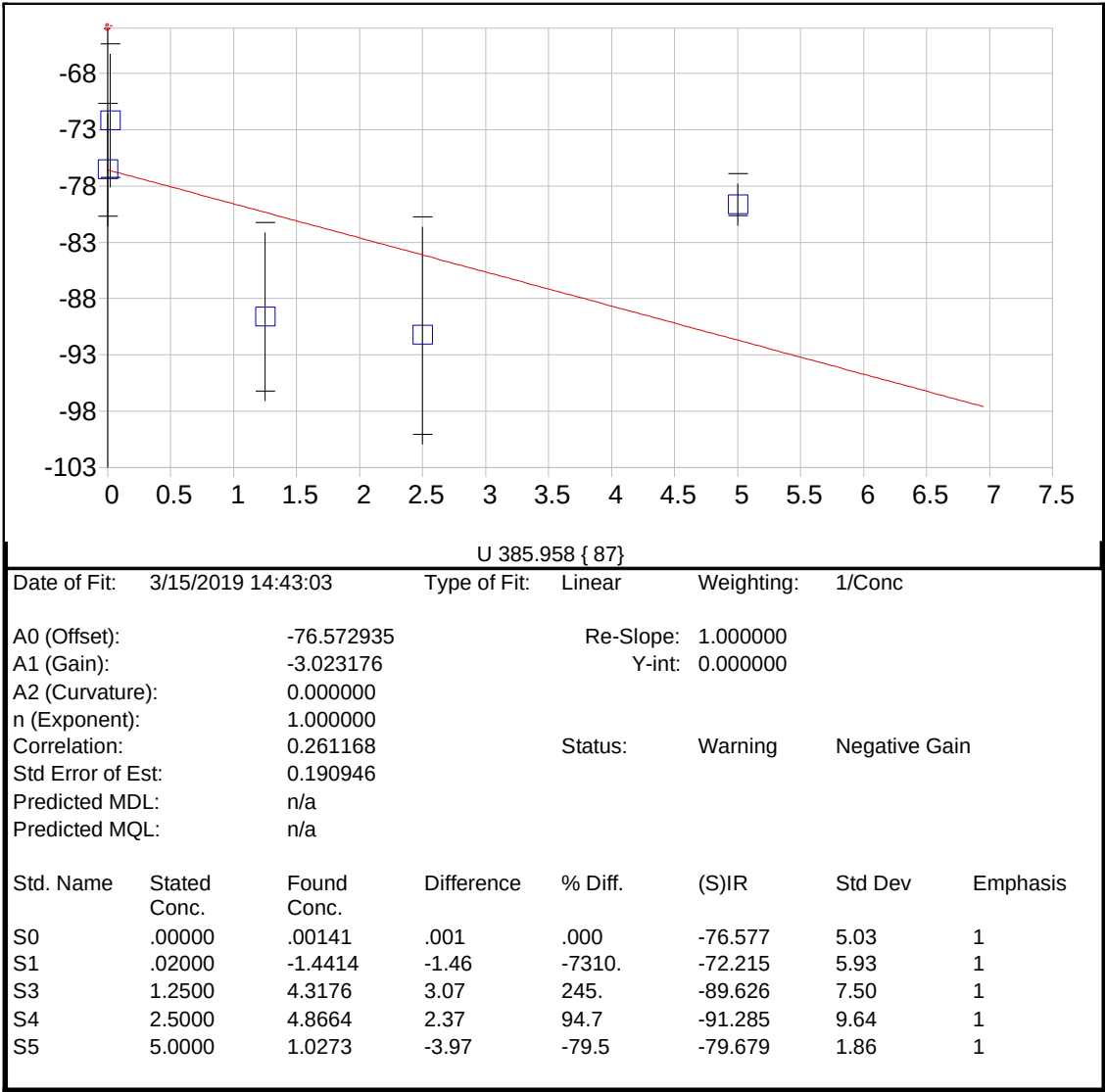


U 367.007 { 92 }

Date of Fit: 3/15/2019 14:43:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5056.085504 Re-Slope: 1.000000
A1 (Gain): -306.355382 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.506594 Status: Warning Negative Gain
Std Error of Est: 8.909912
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00070	-.001	.000	5056.3	23.6	1
S1	.02000	.71772	.698	3490.	4836.2	59.6	1
S3	1.2500	2.0059	.756	60.5	4441.6	18.7	1
S4	2.5000	2.7191	.219	8.77	4223.1	27.5	1
S5	5.0000	3.3272	-1.67	-33.5	4036.8	28.3	1



Sample Name: S0 Acquired: 3/15/2019 11:33:55 Type: Cal
Method: P4-ICP2(v2948) 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	.00012	-.00005	.00381	-.00032	.00054	.00062	.10358	.00013
Stddev	.00011	.00018	.00016	.00010	.00007	.00000	.00221	.00007
%RSD	89.600	391.68	4.3197	30.665	12.301	.30963	2.1312	52.248

#1	.00004	-.00024	.00398	-.00028	.00050	.00062	.10612	.00005
#2	.00025	-.00002	.00381	-.00044	.00050	.00062	.10242	.00014
#3	.00008	.00012	.00365	-.00026	.00062	.00063	.10219	.00018

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	-.00147	.00012	-.00009	-.00030	.00020	.00963	-.00004	-.00011
Stddev	.00014	.00026	.00008	.00028	.00012	.00005	.00006	.00040
%RSD	9.3429	214.98	87.911	93.914	59.778	.56434	165.88	352.75

#1	-.00149	.00035	-.00011	-.00031	.00032	.00959	-.00003	.00034
#2	-.00160	.00019	-.00000	-.00001	.00007	.00960	-.00010	-.00027
#3	-.00132	-.00017	-.00015	-.00058	.00022	.00969	.00002	-.00042

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	-.00549	.00053	.11501	.00030	.00526	.03619	.00062	.00053
Stddev	.00023	.00003	.00365	.00003	.00004	.00436	.00011	.00036
%RSD	4.1197	6.1413	3.1777	11.154	.75847	12.042	17.164	67.212

#1	-.00572	.00052	.11890	.00027	.00531	.04110	.00062	.00094
#2	-.00550	.00050	.11164	.00034	.00525	.03467	.00072	.00027
#3	-.00526	.00057	.11449	.00031	.00523	.03279	.00051	.00039

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	.00062	.00979	.00162	.00213	.02535	-.0031	-.00870	5056.3
Stddev	.00016	.00046	.00011	.00072	.00292	.0001	.00031	23.6
%RSD	25.217	4.7057	7.0257	33.791	11.501	2.548	3.5087	.46592

#1	.00072	.00928	.00165	.00248	.02337	-.0031	-.00881	5058.4
#2	.00044	.00989	.00150	.00130	.02399	-.0031	-.00835	5078.7
#3	.00070	.01019	.00172	.00261	.02870	-.0030	-.00893	5031.8

Sample Name: S0 Acquired: 3/15/2019 11:33:55 Type: Cal
 Method: P4-ICP2(v2948) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-76.577
Stddev	5.027
%RSD	6.5646

#1	-71.357
#2	-76.988
#3	-81.386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.8	45652.	5162.2	36.925	4081.2
Stddev	11.3	35.	37.8	1.443	14.6
%RSD	.27846	.07703	.73295	3.9090	.35747

#1	4041.9	45691.	5135.0	38.592	4064.4
#2	4047.0	45644.	5146.1	36.083	4089.5
#3	4063.5	45622.	5205.4	36.100	4089.8

Sample Name: S1 Acquired: 3/15/2019 11:38:22 Type: Cal
Method: P4-ICP2(v2948) 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	.00091	.00379	.00669	.00094	.00623	.00159	.17340	.00606
Stddev	.00016	.00011	.00014	.00020	.00018	.00012	.00092	.00007
%RSD	17.052	2.9684	2.1523	21.509	2.8170	7.7837	.52907	1.1625

#1	.00074	.00373	.00683	.00109	.00641	.00161	.17389	.00600
#2	.00102	.00392	.00669	.00071	.00606	.00171	.17396	.00603
#3	.00099	.00372	.00654	.00103	.00622	.00146	.17234	.00614

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	.01388	.00198	.03128	.01172	.04809	.02683	.01929	.00286
Stddev	.00013	.00003	.00029	.00012	.00091	.00015	.00021	.00004
%RSD	.92047	1.5721	.92323	1.0371	1.8992	.57588	1.0787	1.3102

#1	.01392	.00194	.03155	.01179	.04755	.02682	.01906	.00287
#2	.01398	.00200	.03132	.01178	.04914	.02668	.01938	.00289
#3	.01373	.00200	.03097	.01158	.04757	.02698	.01944	.00282

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	.00839	.08666	.12404	.00466	.00066	.13117	.00938	.01246
Stddev	.00005	.00011	.00034	.00058	.00002	.00076	.00010	.00027
%RSD	.62182	.12930	.27061	12.551	3.0780	.57838	1.0693	2.1495

#1	.00839	.08662	.12371	.00402	.00064	.13109	.00949	.01274
#2	.00834	.08658	.12438	.00477	.00067	.13197	.00932	.01221
#3	.00845	.08679	.12403	.00517	.00068	.13045	.00932	.01241

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04103	-.0014	.17762	4836.2	-72.215
Stddev	.00164	.0001	.00085	59.6	5.932
%RSD	3.9877	10.26	.47908	1.2325	8.2148

#1	.03991	-.0014	.17778	4769.8	-71.200
#2	.04028	-.0012	.17670	4853.7	-66.856
#3	.04291	-.0015	.17838	4885.1	-78.590

Sample Name: S1 Acquired: 3/15/2019 11:38:22 Type: Cal
Method: P4-ICP2(v2948) 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	3998.1	44785.	5313.9	35.800	4039.3
Stddev	9.3	109.	19.1	1.844	11.7
%RSD	.23196	.24277	.35849	5.1516	.29072
#1	4000.4	44706.	5302.1	34.217	4032.3
#2	3987.9	44909.	5303.6	35.358	4032.8
#3	4006.0	44741.	5335.8	37.825	4052.9

Sample Name: S2 Acquired: 3/15/2019 11:42:48 Type: Cal
Method: P4-ICP2(v2948) 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	.08330	.01664	.45116	.12221
Stddev	.00048	.00033	.00094	.00198
%RSD	.57854	1.9538	.20910	1.6169

#1	.08277	.01669	.45220	.12020
#2	.08372	.01629	.45035	.12226
#3	.08342	.01694	.45093	.12416

Int. Std.	Y_3710
Units	Cts/S
Avg	5305.9
Stddev	28.3
%RSD	.53400

#1	5324.7
#2	5319.7
#3	5273.3

Sample Name: S3 Acquired: 3/15/2019 11:47:04 Type: Cal
Method: P4-ICP2(v2948) 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	.10967	.23744	.63965	.13550	.27116	.04094	3.4952	.11357
Stddev	.00045	.00031	.00154	.00028	.00142	.00010	.0239	.00010
%RSD	.41378	.12865	.24090	.20444	.52410	.25554	.68508	.08635

#1	.10937	.23719	.63895	.13542	.27124	.04082	3.5058	.11363
#2	.10945	.23734	.63859	.13528	.26970	.04103	3.4678	.11361
#3	.11019	.23778	.64142	.13581	.27254	.04095	3.5121	.11345

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	3.0695	.50512	.10209	1.3272	.33530	.90807	1.5199	.10764
Stddev	.0036	.00181	.00047	.0017	.00113	.00261	.0022	.00037
%RSD	.11685	.35870	.45750	.12427	.33578	.28697	.14502	.34350

#1	3.0735	.50303	.10161	1.3285	.33489	.91108	1.5174	.10722
#2	3.0686	.50598	.10212	1.3278	.33444	.90664	1.5207	.10781
#3	3.0665	.50634	.10254	1.3253	.33657	.90650	1.5215	.10789

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	.74199	.13618	2.4141	.24495	2.5188	.75819	1.4462	.09587
Stddev	.00200	.00020	.0125	.00033	.0031	.00134	.0024	.00077
%RSD	.27006	.14905	.51745	.13418	.12151	.17645	.16522	.80144

#1	.74239	.13619	2.4266	.24518	2.5195	.75956	1.4462	.09522
#2	.73982	.13597	2.4016	.24508	2.5154	.75689	1.4438	.09672
#3	.74377	.13638	2.4141	.24457	2.5214	.75811	1.4485	.09568

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	.02099	.72799	.48327	.61964	2.4605	.2270	22.027	4441.6
Stddev	.00027	.00181	.00152	.00363	.0151	.0004	.120	18.7
%RSD	1.2816	.24800	.31488	.58618	.61271	.1699	.54576	.42187

#1	.02099	.72960	.48435	.61708	2.4709	.2272	22.091	4463.2
#2	.02127	.72834	.48153	.61803	2.4432	.2265	21.889	4430.7
#3	.02073	.72604	.48394	.62379	2.4672	.2272	22.102	4430.8

Sample Name: S3 Acquired: 3/15/2019 11:47:04 Type: Cal
 Method: P4-ICP2(v2948) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-89.626
Stddev	7.497
%RSD	8.3644

#1	-97.772
#2	-83.017
#3	-88.089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3882.5	43293.	5378.7	35.828	3787.8
Stddev	11.2	125.	19.1	1.759	11.0
%RSD	.28804	.28817	.35528	4.9094	.28949

#1	3871.5	43433.	5356.6	35.664	3775.4
#2	3893.9	43252.	5388.9	34.156	3796.4
#3	3882.2	43194.	5390.4	37.662	3791.5

Sample Name: S4 Acquired: 3/15/2019 11:51:05 Type: Cal
Method: P4-ICP2(v2948) 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	.21782	.47246	1.2679	.27173	.53702	.08148	6.8506	.22620
Stddev	.00114	.00207	.0083	.00061	.00101	.00027	.0210	.00011
%RSD	.52137	.43913	.65081	.22293	.18805	.33550	.30660	.04697
#1	.21775	.47381	1.2701	.27145	.53586	.08119	6.8710	.22632
#2	.21899	.47007	1.2587	.27242	.53770	.08174	6.8517	.22610
#3	.21672	.47350	1.2748	.27131	.53750	.08151	6.8290	.22619
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	6.1669	.98859	.20210	2.6600	.65665	1.7312	2.9930	.21066
Stddev	.0319	.00279	.00005	.0168	.00129	.0020	.0039	.00068
%RSD	.51732	.28255	.02399	.62977	.19717	.11682	.13021	.32097
#1	6.1787	.98556	.20206	2.6630	.65516	1.7329	2.9921	.21098
#2	6.1308	.99106	.20215	2.6419	.65747	1.7318	2.9896	.20989
#3	6.1912	.98915	.20208	2.6750	.65732	1.7290	2.9973	.21112
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	1.4726	.27097	4.6711	.48385	5.0974	1.4751	2.8389	.18824
Stddev	.0088	.00076	.0280	.00177	.0282	.0126	.0041	.00031
%RSD	.59418	.28157	.59856	.36672	.55259	.85576	.14441	.16636
#1	1.4773	.27046	4.6905	.48590	5.1044	1.4867	2.8367	.18850
#2	1.4625	.27184	4.6837	.48272	5.0664	1.4770	2.8436	.18789
#3	1.4779	.27060	4.6390	.48293	5.1215	1.4617	2.8364	.18832
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	.04309	1.4186	.96093	1.2233	4.8313	.4681	43.712	4223.1
Stddev	.00026	.0056	.00550	.0040	.0199	.0018	.116	27.5
%RSD	.60757	.39207	.57214	.32850	.41300	.3928	.26485	.65069
#1	.04301	1.4161	.96414	1.2220	4.8475	.4676	43.783	4231.1
#2	.04288	1.4250	.95458	1.2201	4.8374	.4665	43.774	4192.5
#3	.04338	1.4148	.96406	1.2278	4.8090	.4701	43.578	4245.7

Sample Name: S4 Acquired: 3/15/2019 11:51:05 Type: Cal
Method: P4-ICP2(v2948) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-91.285
Stddev	9.645
%RSD	10.566

#1	-80.202
#2	-95.882
#3	-97.772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.7	42308.	5424.7	34.163	3653.2
Stddev	6.5	46.	23.5	.417	20.1
%RSD	.16927	.10819	.43357	1.2217	.54945

#1	3824.9	42324.	5405.8	34.085	3638.0
#2	3821.3	42256.	5417.3	34.614	3675.9
#3	3833.9	42343.	5451.0	33.790	3645.6

Sample Name: S5 Acquired: 3/15/2019 11:55:05 Type: Cal
Method: P4-ICP2(v2948) 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	.44133	.94556	2.5669	.54231	1.0880	.16489	13.810	.45059
Stddev	.00039	.00266	.0050	.00062	.0013	.00079	.022	.00075
%RSD	.08807	.28163	.19526	.11502	.12361	.47819	.16242	.16754
#1	.44117	.94353	2.5620	.54289	1.0896	.16420	13.814	.44996
#2	.44177	.94457	2.5668	.54239	1.0874	.16575	13.786	.45143
#3	.44104	.94858	2.5720	.54165	1.0872	.16473	13.830	.45040
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	12.501	1.9724	.40396	5.4392	1.2968	3.3908	5.9275	.42116
Stddev	.016	.0055	.00037	.0092	.0038	.0071	.0073	.00109
%RSD	.12706	.27622	.09138	.16962	.29256	.20888	.12309	.25829
#1	12.484	1.9700	.40374	5.4311	1.3006	3.3983	5.9192	.42060
#2	12.504	1.9786	.40439	5.4372	1.2966	3.3843	5.9329	.42242
#3	12.516	1.9686	.40376	5.4492	1.2930	3.3897	5.9305	.42048
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	2.9805	.54598	9.4154	.97396	10.431	2.9642	5.6872	.37370
Stddev	.0043	.00163	.0191	.00213	.018	.0038	.0182	.00135
%RSD	.14561	.29843	.20235	.21819	.17501	.12931	.31927	.36157
#1	2.9756	.54451	9.4189	.97269	10.417	2.9670	5.7037	.37218
#2	2.9837	.54773	9.3949	.97277	10.426	2.9598	5.6902	.37417
#3	2.9823	.54571	9.4325	.97641	10.452	2.9657	5.6677	.37476
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	.08967	2.8164	1.9510	2.4463	9.6799	.9645	87.017	4036.8
Stddev	.00008	.0144	.0026	.0066	.0053	.0024	.231	28.3
%RSD	.08643	.51101	.13245	.26797	.05522	.2447	.26562	.69985
#1	.08958	2.8275	1.9483	2.4533	9.6833	.9643	87.108	4040.9
#2	.08972	2.8001	1.9534	2.4452	9.6738	.9669	87.189	4006.7
#3	.08971	2.8215	1.9515	2.4404	9.6828	.9622	86.754	4062.8

Sample Name: S5 Acquired: 3/15/2019 11:55:05 Type: Cal
 Method: P4-ICP2(v2948) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-79.679
Stddev	1.855
%RSD	2.3286

#1	-77.641
#2	-80.124
#3	-81.271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3716.7	41340.	5369.5	32.421	3463.8
Stddev	9.6	68.	12.9	1.261	4.3
%RSD	.25708	.16368	.24050	3.8894	.12474

#1	3705.8	41402.	5359.7	31.999	3465.5
#2	3721.0	41268.	5384.1	31.425	3466.9
#3	3723.4	41350.	5364.6	33.839	3458.8

Sample Name: ICV01 Acquired: 3/15/2019 11:59:10 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99116	.99575	.98297	1.0142	.98453	2.4960	.48317
Stddev	.00283	.00235	.00181	.0060	.00465	.0180	.00077
%RSD	.28588	.23570	.18387	.58903	.47232	.72101	.16001

#1	.98950	.99716	.98127	1.0204	.98453	2.5065	.48239
#2	.98954	.99304	.98278	1.0137	.97989	2.4752	.48394
#3	.99443	.99704	.98487	1.0085	.98919	2.5064	.48318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49316	.48053	10.111	.50068	.49317	.51351	5.1202
Stddev	.00096	.00046	.039	.00120	.00091	.00305	.0355
%RSD	.19417	.09530	.38319	.23969	.18427	.59430	.69264

#1	.49300	.48105	10.096	.49988	.49357	.51435	5.1213
#2	.49230	.48038	10.155	.50011	.49213	.51012	5.1551
#3	.49419	.48017	10.082	.50206	.49381	.51605	5.0842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50821	6.0125	.49387	.52586	F 9.5368	.48662	.97739
Stddev	.00069	.0716	.00070	.00164	.0151	.00137	.00162
%RSD	.13490	1.1914	.14080	.31262	.15873	.28140	.16585

#1	.50871	6.0143	.49319	.52487	9.5539	.48610	.97925
#2	.50743	5.9399	.49385	.52495	9.5314	.48817	.97630
#3	.50850	6.0832	.49458	.52775	9.5251	.48558	.97662

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.182	2.5240	2.5472	F 2.2920	2.5382	2.5185	2.5972
Stddev	.016	.0010	.0117	.0131	.0183	.0033	.0096
%RSD	.15365	.03986	.46023	.57194	.72200	.12972	.37055

#1	10.187	2.5235	2.5398	2.2931	2.5445	2.5156	2.5982
#2	10.165	2.5233	2.5607	2.2784	2.5524	2.5221	2.6063
#3	10.195	2.5251	2.5410	2.3046	2.5175	2.5178	2.5871

Sample Name: ICV01 Acquired: 3/15/2019 11:59:10 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.4307	F 2.328	2.4937	F 2.6270	F<.00000
Stddev	.0153	.001	.0158	.1095	3.5998
%RSD	.63126	.0555	.63215	4.1700	13.749
#1	2.4431	2.326	2.4991	2.5152	-29.921
#2	2.4353	2.328	2.5061	2.6316	-22.739
#3	2.4135	2.328	2.4760	2.7341	-25.889
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.7	42637.	5461.6	34.377	3808.6
Stddev	7.5	81.	33.0	2.201	3.6
%RSD	.19415	.18977	.60370	6.4015	.09390
#1	3863.1	42656.	5447.1	33.898	3804.8
#2	3872.9	42707.	5438.4	36.778	3811.8
#3	3858.2	42549.	5499.4	32.456	3809.3

Sample Name: LLICV01 Acquired: 3/15/2019 12:05:56 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02043	.04117	.01122	.02316	.05416	.10674	.08815
Stddev	.00187	.00127	.00093	.00256	.00136	.01018	.00179
%RSD	9.1487	3.0776	8.2667	11.067	2.5036	9.5364	2.0275

#1	.01863	.04035	.01220	.02038	.05521	.10517	.08685
#2	.02236	.04263	.01110	.02543	.05263	.11761	.09019
#3	.02032	.04053	.01035	.02366	.05465	.09743	.08740

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00675	.00615	2.1273	.01033	.02993	.02241	.10891
Stddev	.00003	.00007	.0086	.00027	.00021	.00013	.00116
%RSD	.42575	1.1897	.40280	2.6445	.70613	.58330	1.0664

#1	.00678	.00609	2.1175	.01063	.03008	.02242	.11024
#2	.00673	.00623	2.1312	.01009	.02969	.02253	.10807
#3	.00673	.00612	2.1333	.01028	.03003	.02227	.10843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02299	2.1427	.04138	.00840	1.7475	.04143	.04041
Stddev	.00019	.0234	.00032	.00001	.0028	.00016	.00008
%RSD	.82711	1.0915	.78497	.11268	.16012	.38313	.19641

#1	.02317	2.1688	.04137	.00840	1.7489	.04151	.04035
#2	.02279	2.1237	.04106	.00839	1.7494	.04125	.04037
#3	.02302	2.1356	.04171	.00841	1.7443	.04153	.04050

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9928	.21390	.11066	F -.00652	.41912	.04011	.04372
Stddev	.0156	.00088	.01145	.00924	.00381	.00014	.00051
%RSD	.78057	.41363	10.350	141.82	.90942	.35279	1.1654

#1	1.9860	.21492	.11098	-.00047	.41903	.04010	.04414
#2	2.0106	.21344	.09905	-.01715	.41535	.04025	.04315
#3	1.9818	.21335	.12195	-.00192	.42297	.03997	.04386

Sample Name: LLICV01 Acquired: 3/15/2019 12:05:56 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01402	.0175	.02159	F 2.3068	F<.00000
Stddev	.00151	.0015	.00004	.0068	1.2312
%RSD	10.781	8.478	.20225	.29354	43.524
#1	.01236	.0169	.02156	2.3142	-1.7793
#2	.01441	.0192	.02164	2.3052	-2.5232
#3	.01530	.0164	.02157	2.3009	-4.1842
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.9	43333.	5482.4	36.661	3972.1
Stddev	6.4	101.	66.4	.933	3.6
%RSD	.16334	.23271	1.2114	2.5444	.09088
#1	3898.6	43220.	5463.9	35.667	3973.4
#2	3909.1	43366.	5556.0	37.517	3974.8
#3	3910.1	43413.	5427.1	36.800	3968.0

Sample Name: ICB01 Acquired: 3/15/2019 12:10:22 Type: Unk
Method: P4-ICP2(v2948) 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	-.00086	-.00101	-.00146	.00190	-.00031	-.01246	-.01734
Stddev	.00394	.00124	.00102	.00148	.00069	.00576	.00310
%RSD	457.93	123.05	70.026	77.687	225.82	46.235	17.898

#1	.00247	-.00128	-.00236	.00250	-.00019	-.01904	-.02055
#2	.00016	-.00209	-.00165	.00022	-.00105	-.01001	-.01436
#3	-.00521	.00034	-.00035	.00298	.00032	-.00833	-.01710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00004	.00681	-.00009	.00007	-.00004	-.00182
Stddev	.00003	.00010	.00518	.00020	.00021	.00025	.00098
%RSD	100.47	277.11	76.084	217.52	300.08	584.85	54.111

#1	-.00001	-.00008	.01070	.00000	.00020	-.00034	-.00272
#2	-.00002	.00008	.00093	-.00032	-.00017	.00012	-.00197
#3	-.00006	.00010	.00879	.00004	.00018	.00009	-.00077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00974	.00047	-.00260	-.42930	-.00002	-.00106
Stddev	.00006	.03418	.00019	.00035	.00830	.00033	.00004
%RSD	103.71	350.94	41.232	13.456	1.9331	1402.1	4.1297

#1	-.00011	-.01898	.00024	-.00299	-.43813	-.00009	-.00110
#2	.00001	-.03836	.00057	-.00230	-.42166	-.00031	-.00108
#3	-.00007	.02811	.00059	-.00252	-.42812	.00033	-.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.98052	-.00012	-.00583	F -.01287	-.00148	-.00198	-.00017
Stddev	.06464	.00018	.00740	.00323	.00108	.00085	.00094
%RSD	6.5927	150.42	127.01	25.113	73.274	42.805	557.87

#1	-1.0552	.00009	.00262	-.01289	-.00213	-.00123	-.00022
#2	-.94398	-.00020	-.01116	-.01609	-.00209	-.00181	-.00108
#3	-.94243	-.00026	-.00895	-.00963	-.00023	-.00290	.00080

Sample Name: ICB01 Acquired: 3/15/2019 12:10:22 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01266	-.0025	.00008	F 2.1989	F<.00000
Stddev	.00120	.0014	.00008	.1763	2.9724
%RSD	9.4665	56.82	101.51	8.0156	183.30
#1	-.01372	-.0021	.00003	1.9993	-4.9527
#2	-.01136	-.0041	.00018	2.2643	.76019
#3	-.01289	-.0014	.00003	2.3331	-.67233
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3887.4	43422.	5495.9	36.050	3968.8
Stddev	7.0	135.	25.1	1.085	11.1
%RSD	.18059	.31125	.45644	3.0101	.28022
#1	3881.4	43508.	5519.1	37.300	3962.1
#2	3895.1	43266.	5499.3	35.500	3981.6
#3	3885.6	43493.	5469.3	35.350	3962.6

Sample Name: CRI01 Acquired: 3/15/2019 12:19:40 Type: Unk
Method: P4-ICP2(v2948) 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	.01875	.04554	.01200	.02173	.05757	.12298	.08460
Stddev	.00063	.00078	.00048	.00195	.00046	.01567	.00432
%RSD	3.3581	1.7155	3.9923	8.9572	.80560	12.745	5.1104

#1	.01937	.04464	.01188	.02366	.05709	.12388	.08017
#2	.01811	.04605	.01159	.02176	.05761	.13819	.08881
#3	.01877	.04593	.01253	.01976	.05802	.10688	.08482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00649	.00605	2.1663	.01084	.03407	.02250	.11176
Stddev	.00003	.00008	.0233	.00003	.00030	.00041	.00108
%RSD	.44270	1.2431	1.0777	.27556	.87825	1.8235	.96687

#1	.00650	.00597	2.1477	.01084	.03418	.02231	.11287
#2	.00645	.00607	2.1588	.01081	.03431	.02223	.11171
#3	.00650	.00611	2.1925	.01087	.03374	.02298	.11071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02334	2.1800	.04494	.01167	1.7184	.04452	.04384
Stddev	.00006	.0385	.00022	.00022	.0077	.00041	.00006
%RSD	.27209	1.7663	.48206	1.9150	.44645	.92714	.14056

#1	.02330	2.2083	.04485	.01190	1.7264	.04446	.04390
#2	.02342	2.1362	.04478	.01164	1.7180	.04496	.04378
#3	.02331	2.1957	.04519	.01146	1.7110	.04414	.04382

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4768	.21006	.09915	F -.00105	.49251	.04121	.04629
Stddev	.0343	.00044	.00833	.00674	.00237	.00039	.00102
%RSD	2.3237	.21183	8.4022	641.53	.48095	.95533	2.1997

#1	1.4777	.20982	.10525	-.00805	.49447	.04158	.04733
#2	1.4420	.20980	.10255	.00539	.49319	.04080	.04624
#3	1.5106	.21058	.08966	-.00049	.48988	.04127	.04530

Sample Name: CRI01 Acquired: 3/15/2019 12:19:40 Type: Unk
 Method: P4-ICP2(v2948) 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	F .01049	.0207	.02125	F 2.3432	F .12555
Stddev	.00157	.0009	.00013	.0701	2.4547
%RSD	14.959	4.414	.62356	2.9927	1955.2
#1	.01022	.0216	.02122	2.3982	.91572
#2	.01218	.0198	.02113	2.2642	-2.6269
#3	.00908	.0207	.02139	2.3673	2.0878
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3835.2	43104.	5534.9	35.419	3917.4
Stddev	4.8	78.	13.9	.858	6.8
%RSD	.12557	.18056	.25146	2.4237	.17234
#1	3840.8	43052.	5539.6	35.558	3921.4
#2	3833.1	43194.	5519.2	36.200	3909.6
#3	3831.9	43067.	5545.8	34.500	3921.2

Sample Name: ICSA01 Acquired: 3/15/2019 12:24:06 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	-.00668	-.00814	-.00750	-.00631	283.12	-.02298	.00087
Stddev	.00202	.00544	.00186	.00400	.00139	1.42	.00369	.00012
%RSD	61.349	81.536	22.863	53.319	22.001	.50296	16.060	13.339

#1	-.00362	-.00212	-.00936	-.00316	-.00751	282.45	-.02018	.00100
#2	-.00113	-.00520	-.00906	-.00829	-.00479	282.15	-.02159	.00077
#3	-.00514	-.01270	-.00600	-.01104	-.00662	284.75	-.02716	.00084

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	248.20	.04969	-.00073	-.00078	91.062	.01483	265.76
Stddev	.00028	1.62	.00087	.00023	.00025	.807	.00006	1.53
%RSD	12.103	.65318	1.7475	31.938	31.592	.88608	.42831	.57398

#1	-.00224	248.92	.04869	-.00055	-.00094	91.511	.01482	266.13
#2	-.00264	249.34	.05028	-.00099	-.00091	91.544	.01477	267.06
#3	-.00209	246.35	.05009	-.00065	-.00050	90.130	.01490	264.08

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00427	.00044	-.36018	.00132	-.01411	-.84882	.00058	-.05803
Stddev	.00053	.00057	.00527	.00022	.00030	.03256	.00022	.00272
%RSD	12.489	127.29	1.4630	16.881	2.1275	3.8358	37.350	4.6935

#1	-.00366	-.00002	-.36368	.00129	-.01385	-.87666	.00037	-.05727
#2	-.00450	.00107	-.35412	.00111	-.01444	-.85678	.00057	-.05577
#3	-.00464	.00028	-.36275	.00156	-.01405	-.81302	.00080	-.06106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01588	-.00572	.00859	-.00460	.01879	-.0023	.00478	4.3366
Stddev	.02866	.00234	.00186	.00179	.00114	.0019	.00110	.0586
%RSD	180.46	40.886	21.617	38.921	6.0531	81.02	23.081	1.3505

#1	.00678	-.00306	.00654	-.00496	.01816	-.0041	.00426	4.3855
#2	-.00632	-.00665	.00909	-.00618	.02010	-.0003	.00403	4.2717
#3	-.04809	-.00744	.01016	-.00266	.01810	-.0026	.00605	4.3527

Sample Name: ICSA01 Acquired: 3/15/2019 12:24:06 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 6.1364
 %RSD .85907

#1 -717.68
 #2 -707.23
 #3 -718.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.2	38143.	5331.6	33.727	3236.4
Stddev	4.2	120.	46.5	.549	12.0
%RSD	.12220	.31398	.87282	1.6283	.37116

#1	3437.6	38164.	5304.7	33.132	3239.4
#2	3431.4	38251.	5304.8	33.834	3223.2
#3	3439.4	38014.	5385.3	34.214	3246.7

Sample Name: ICSAB01 Acquired: 3/15/2019 12:28:38 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10421	.08761	.04676	.04959	.64146	279.27	.49385	.56405
Stddev	.00403	.00294	.00172	.00475	.00166	.79	.00527	.00257
%RSD	3.8652	3.3518	3.6765	9.5840	.25835	.28236	1.0672	.45552

#1	.10816	.08618	.04551	.04464	.63958	278.61	.49554	.56313
#2	.10011	.09099	.04872	.05001	.64273	280.14	.48795	.56695
#3	.10436	.08566	.04604	.05412	.64205	279.06	.49807	.56207

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0190	243.42	.57685	.51884	.52045	89.462	.54631	261.80
Stddev	.0019	.75	.00112	.00070	.00040	.278	.00193	1.48
%RSD	.18277	.30980	.19432	.13465	.07748	.31110	.35271	.56488

#1	1.0169	242.55	.57666	.51824	.52082	89.783	.54698	260.11
#2	1.0198	243.89	.57584	.51961	.52002	89.288	.54781	262.86
#3	1.0203	243.81	.57806	.51869	.52050	89.314	.54414	262.43

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0054	.21219	-.38132	.51408	1.1003	-.88861	1.0860	1.0220
Stddev	.0004	.00106	.01594	.00168	.0012	.04137	.0023	.0088
%RSD	.03593	.50123	4.1797	.32616	.11223	4.6555	.20851	.86480

#1	1.0056	.21259	-.39953	.51324	1.0992	-.92071	1.0837	1.0263
#2	1.0056	.21299	-.36994	.51601	1.1016	-.90319	1.0882	1.0279
#3	1.0050	.21098	-.37448	.51299	1.1002	-.84192	1.0863	1.0119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0556	1.0049	1.1026	1.1073	1.1038	1.052	1.0520	4.4043
Stddev	.0083	.0028	.0034	.0044	.0049	.004	.0036	.0924
%RSD	.78893	.28190	.31058	.39896	.44419	.3900	.33876	2.0972

#1	1.0523	1.0075	1.0987	1.1026	1.1055	1.050	1.0481	4.4940
#2	1.0494	1.0019	1.1053	1.1078	1.0982	1.049	1.0550	4.4093
#3	1.0651	1.0051	1.1038	1.1114	1.1076	1.056	1.0530	4.3095

Sample Name: ICSAB01 Acquired: 3/15/2019 12:28:38 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 4.3029
%RSD .61229

#1 -707.05
#2 -702.78
#3 -698.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.2	38278.	5380.0	33.135	3242.2
Stddev	7.4	119.	8.5	.130	6.7
%RSD	.21372	.31070	.15876	.39131	.20736

#1	3464.9	38229.	5370.9	32.990	3249.1
#2	3459.5	38192.	5381.0	33.175	3241.9
#3	3450.2	38414.	5387.9	33.240	3235.7

Sample Name: CCV01 Acquired: 3/15/2019 12:32:55 Type: Unk
Method: P4-ICP2(v2948) 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	5.0478	4.9713	4.9676	5.0657	5.0496	10.045	9.6475	.25223
Stddev	.0058	.0075	.0121	.0116	.0089	.019	.0226	.00069
%RSD	.11418	.15083	.24410	.22921	.17556	.18880	.23440	.27330
#1	5.0430	4.9793	4.9555	5.0781	5.0598	10.024	9.6214	.25262
#2	5.0460	4.9644	4.9677	5.0551	5.0439	10.050	9.6598	.25143
#3	5.0542	4.9704	4.9797	5.0639	5.0450	10.061	9.6612	.25263
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4611	24.513	1.0023	2.4831	1.2552	4.9204	2.5202	24.820
Stddev	.0066	.052	.0040	.0074	.0006	.0305	.0017	.065
%RSD	.26636	.21406	.39417	.29707	.04741	.61930	.06789	.26014
#1	2.4592	24.495	.99900	2.4809	1.2559	4.9009	2.5206	24.879
#2	2.4557	24.472	1.0013	2.4771	1.2547	4.9048	2.5184	24.831
#3	2.4684	24.572	1.0067	2.4914	1.2551	4.9555	2.5217	24.751
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4349	1.2693	23.648	2.4161	2.5090	23.855	4.9126	4.7909
Stddev	.0061	.0021	.103	.0052	.0062	.077	.0079	.0168
%RSD	.25155	.16768	.43615	.21406	.24814	.32327	.16127	.35091
#1	2.4332	1.2671	23.532	2.4219	2.5069	23.777	4.9176	4.8058
#2	2.4298	1.2694	23.684	2.4144	2.5041	23.932	4.9168	4.7727
#3	2.4417	1.2714	23.728	2.4120	2.5160	23.857	4.9035	4.7944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9093	4.8570	4.8333	4.9730	4.9014	4.937	4.9982	F 3.6616
Stddev	.0156	.0205	.0128	.0130	.0089	.015	.0107	.1377
%RSD	.31862	.42239	.26576	.26047	.18228	.3037	.21466	3.7606
#1	4.9013	4.8463	4.8200	4.9789	4.8916	4.931	4.9879	3.5077
#2	4.8992	4.8440	4.8341	4.9581	4.9091	4.927	5.0093	3.7043
#3	4.9273	4.8806	4.8457	4.9819	4.9034	4.955	4.9974	3.7730

Sample Name: CCV01 Acquired: 3/15/2019 12:32:55 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .70702
Stddev 3.1729
%RSD 448.78

#1 1.2134
#2 -2.6887
#3 3.5963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.8	41154.	5488.4	33.687	3572.3
Stddev	8.3	138.	13.7	1.262	6.0
%RSD	.22305	.33598	.24887	3.7469	.16765

#1	3691.9	41298.	5503.6	32.246	3574.4
#2	3699.2	41022.	5477.1	34.594	3577.0
#3	3708.3	41142.	5484.5	34.221	3565.5

Sample Name: LLCCV01 Acquired: 3/15/2019 12:36:55 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01685	.03828	.01067	.02099	.04907	.09741	.08979
Stddev	.00079	.00192	.00027	.00275	.00055	.00749	.00157
%RSD	4.6612	5.0127	2.5078	13.121	1.1191	7.6853	1.7446

#1	.01607	.04032	.01098	.02389	.04964	.09603	.08936
#2	.01684	.03651	.01052	.01841	.04903	.09071	.09152
#3	.01764	.03800	.01051	.02068	.04854	.10549	.08848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00583	.00550	1.8957	.00957	.02913	.02080	.09656
Stddev	.00009	.00007	.0144	.00020	.00029	.00029	.00095
%RSD	1.5512	1.2556	.76131	2.1094	.99451	1.3992	.98073

#1	.00574	.00542	1.8919	.00978	.02901	.02073	.09673
#2	.00592	.00555	1.9117	.00956	.02891	.02112	.09742
#3	.00585	.00553	1.8836	.00937	.02946	.02055	.09554

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02081	1.9157	.03868	.01026	2.0589	.03809	.04227
Stddev	.00016	.0564	.00034	.00066	.0221	.00022	.00014
%RSD	.74876	2.9426	.88220	6.4780	1.0743	.58416	.33826

#1	.02091	1.8987	.03831	.00950	2.0698	.03832	.04234
#2	.02063	1.9786	.03876	.01072	2.0735	.03787	.04236
#3	.02089	1.8697	.03897	.01055	2.0335	.03810	.04210

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2640	.18972	.09617	F -.01387	.46854	.03576	.03901
Stddev	.0286	.00060	.00236	.00662	.00312	.00009	.00085
%RSD	1.2632	.31679	2.4582	47.700	.66508	.24518	2.1705

#1	2.2367	.18912	.09599	-.01922	.46769	.03573	.03998
#2	2.2937	.19032	.09862	-.00647	.46594	.03586	.03842
#3	2.2617	.18973	.09390	-.01592	.47200	.03569	.03863

Sample Name: LLCCV01 Acquired: 3/15/2019 12:36:55 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00418	.0161	.01921	F 2.6559	F<.00000
Stddev	.00139	.0015	.00003	.0977	1.8300
%RSD	33.221	9.201	.16225	3.6777	49.563
#1	.00262	.0165	.01924	2.6631	-3.2460
#2	.00463	.0144	.01923	2.7498	-2.1266
#3	.00528	.0173	.01918	2.5549	-5.7040
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3820.0	42980.	5597.6	35.839	3909.9
Stddev	1.3	64.	17.8	.740	3.9
%RSD	.03459	.14874	.31882	2.0637	.09914
#1	3821.5	42914.	5615.6	35.050	3913.2
#2	3819.2	43042.	5579.9	36.517	3905.6
#3	3819.3	42985.	5597.4	35.950	3910.8

Sample Name: CCB01 Acquired: 3/15/2019 12:46:36 Type: Unk
Method: P4-ICP2(v2948) 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	-.00218	.00016	-.00149	.00141	-.00109	.01199	-.01330
Stddev	.00109	.00102	.00006	.00097	.00189	.01840	.00264
%RSD	50.116	658.86	3.8352	68.581	173.35	153.43	19.881

#1	-.00331	.00044	-.00143	.00252	-.00240	.01840	-.01432
#2	-.00210	.00101	-.00154	.00082	-.00196	.02634	-.01528
#3	-.00113	-.00098	-.00151	.00088	.00108	-.00875	-.01030

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00008	-.00571	-.00021	-.00008	-.00021	-.00430
Stddev	.00007	.00008	.02091	.00053	.00006	.00048	.00086
%RSD	2133.4	102.29	366.44	250.58	70.505	229.32	20.086

#1	.00002	.00018	.01363	-.00071	-.00002	.00030	-.00339
#2	-.00007	.00006	-.02791	.00035	-.00010	-.00027	-.00439
#3	.00006	.00001	-.00285	-.00029	-.00013	-.00066	-.00511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.03404	.00032	.00060	-.51283	-.00010	-.00138
Stddev	.00002	.01188	.00021	.00026	.01535	.00014	.00007
%RSD	62.756	34.908	66.644	42.747	2.9926	143.35	5.1144

#1	-.00004	-.02114	.00043	.00055	-.49984	.00002	-.00139
#2	-.00001	-.03644	.00046	.00037	-.50889	-.00006	-.00131
#3	-.00006	-.04455	.00007	.00087	-.52977	-.00025	-.00145

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02851	-.00032	-.00957	F -.02744	.00019	-.00265	-.00052
Stddev	.03059	.00023	.00686	.01068	.00160	.00036	.00175
%RSD	107.29	71.195	71.696	38.910	831.57	13.632	336.97

#1	.03082	-.00012	-.01735	-.03727	-.00011	-.00223	-.00227
#2	.05787	-.00057	-.00443	-.02895	.00193	-.00286	-.00051
#3	-.00317	-.00027	-.00691	-.01608	-.00124	-.00286	.00123

Sample Name: CCB01 Acquired: 3/15/2019 12:46:36 Type: Unk
 Method: P4-ICP2(v2948) 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	F -.01697	-.0026	.00009	F 3.2398	F<.00000
Stddev	.00066	.0010	.00005	.1565	2.5962
%RSD	3.8865	37.34	59.584	4.8292	7808.0
#1	-.01768	-.0016	.00003	3.4179	-3.0153
#2	-.01638	-.0027	.00014	3.1245	1.1917
#3	-.01685	-.0036	.00010	3.1769	1.7239
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.8	42179.	5639.1	35.306	3888.9
Stddev	9.1	65.	24.2	1.042	2.6
%RSD	.24063	.15305	.42983	2.9506	.06713
#1	3785.2	42165.	5624.0	36.342	3886.5
#2	3775.5	42123.	5667.0	35.317	3888.7
#3	3793.7	42250.	5626.2	34.258	3891.7

Sample Name: LR CHECK 1 Acquired: 3/15/2019 12:58:36 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07017	-.07658	-.11089	-.33643	-.02097	1992.0	-.05091	.02949
Stddev	.00502	.00360	.00504	.00483	.01025	12.3	.00293	.00011
%RSD	7.1527	4.7057	4.5424	1.4360	48.875	.61612	5.7532	.36660

#1	-.06557	-.07310	-.10508	-.34119	-.01390	2002.1	-.05364	.02959
#2	-.06940	-.07636	-.11360	-.33153	-.03272	1978.3	-.04782	.02950
#3	-.07552	-.08029	-.11399	-.33656	-.01628	1995.6	-.05128	.02938

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04568	1661.0	-.08866	.05530	.00153	864.58	.00208	1759.1
Stddev	.00103	13.6	.00145	.00058	.00430	8.51	.00023	14.5
%RSD	2.2534	.81675	1.6350	1.0439	281.93	.98388	11.168	.82200

#1	.04662	1647.8	-.08700	.05503	.00605	854.81	.00235	1742.5
#2	.04458	1674.9	-.08968	.05596	.00105	868.54	.00198	1769.4
#3	.04583	1660.2	-.08930	.05490	-.00252	870.38	.00192	1765.3

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05888	-.13497	1933.1	.00615	.15702	1011.0	-.00365	-1.0438
Stddev	.00315	.00161	32.6	.00120	.00135	10.7	.00006	.0238
%RSD	5.3569	1.1934	1.6859	19.585	.85739	1.0544	1.6432	2.2753

#1	.06080	-.13683	1915.7	.00488	.15853	1000.1	-.00359	-1.0709
#2	.06060	-.13404	1970.7	.00630	.15655	1021.4	-.00371	-1.0341
#3	.05524	-.13405	1912.9	.00727	.15597	1011.5	-.00366	-1.0265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08297	-.01166	.08311	-.06540	.18531	.0384	-.93881	3.5110
Stddev	.03115	.00212	.00181	.00106	.00230	.0016	.00934	.0851
%RSD	37.545	18.165	2.1780	1.6154	1.2414	4.065	.99480	2.4246

#1	-.11794	-.00938	.08269	-.06584	.18583	.0401	-.92811	3.4952
#2	-.05818	-.01203	.08509	-.06419	.18730	.0370	-.94302	3.6029
#3	-.07280	-.01357	.08154	-.06615	.18279	.0380	-.94531	3.4349

Sample Name: LR CHECK 1 Acquired: 3/15/2019 12:58:36 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	20.804
%RSD	.21489

#1	-9678.1
#2	-9703.5
#3	-9662.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.9	28514.	4741.1	27.653	2067.6
Stddev	4.9	112.	37.9	2.462	3.2
%RSD	.18970	.39222	.79849	8.9048	.15332

#1	2587.4	28399.	4783.5	28.978	2069.8
#2	2580.5	28521.	4710.6	24.812	2064.0
#3	2589.9	28623.	4729.2	29.169	2069.1

Sample Name: LR CHECK 2 Acquired: 3/15/2019 13:03:40 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00485	-.01876	273.54	.02124	-.08720	-.18019	93.787	-.00016
Stddev	.00145	.00050	1.60	.00197	.00118	.00833	.840	.00004
%RSD	30.002	2.6697	.58657	9.2564	1.3508	4.6210	.89536	24.427

#1	-.00349	-.01887	274.52	.01906	-.08854	-.17507	94.648	-.00018
#2	-.00638	-.01822	274.40	.02179	-.08634	-.17570	93.744	-.00012
#3	-.00467	-.01920	271.68	.02288	-.08672	-.18979	92.970	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01426	.36402	-.14400	-.01108	273.23	-.57625	43.396	.05029
Stddev	.00013	.01063	.00063	.00007	1.45	.00469	.068	.00291
%RSD	.92248	2.9197	.43968	.63399	.53158	.81385	.15618	5.7874

#1	-.01437	.37180	-.14417	-.01101	272.98	-.57197	43.425	.04708
#2	-.01430	.36835	-.14453	-.01107	274.79	-.58127	43.444	.05276
#3	-.01412	.35191	-.14330	-.01115	271.92	-.57552	43.318	.05102

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.314	.00543	1.9086	-.14921	36.644	3.0137	-.00059	-.00400
Stddev	.226	.00038	.0653	.00056	.162	.4692	.00032	.00391
%RSD	.44897	6.9495	3.4231	.37397	.44146	15.569	54.600	97.755

#1	50.555	.00512	1.9586	-.14983	36.820	3.4536	-.00067	-.00822
#2	50.281	.00585	1.9326	-.14902	36.610	3.0678	-.00086	-.00328
#3	50.106	.00532	1.8347	-.14877	36.502	2.5198	-.00023	-.00050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05671	.01502	.00071	.02340	-.01055	-.2153	.00283	4.1440
Stddev	.02055	.00282	.00019	.00102	.00121	.0035	.00007	.1520
%RSD	36.248	18.773	26.415	4.3732	11.480	1.614	2.3547	3.6683

#1	-.07858	.01233	.00081	.02410	-.01112	-.2164	.00276	4.2185
#2	-.03779	.01795	.00049	.02388	-.01138	-.2181	.00286	4.2444
#3	-.05376	.01477	.00081	.02223	-.00916	-.2114	.00289	3.9691

Sample Name: LR CHECK 2 Acquired: 3/15/2019 13:03:40 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	96.838
Stddev	4.081
%RSD	4.2141

#1	93.640
#2	101.43
#3	95.441

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.9	42045.	5709.2	32.861	3559.5
Stddev	11.3	91.	55.9	1.432	9.7
%RSD	.33624	.21615	.97948	4.3567	.27329

#1	3334.3	41942.	5663.2	31.583	3552.1
#2	3346.8	42076.	5693.0	32.592	3555.9
#3	3356.8	42116.	5771.5	34.408	3570.5

Sample Name: K1685-01 Acquired: 3/15/2019 13:08:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07738	-.02155	.21296	-.00258	-.01020	99.917	.31968
Stddev	.00283	.00207	.00213	.00168	.00113	.085	.00406
%RSD	3.6637	9.5895	1.0018	65.125	11.040	.08497	1.2698

#1	.08065	-.01931	.21050	-.00338	-.01091	99.952	.32398
#2	.07568	-.02194	.21416	-.00065	-.01078	99.979	.31916
#3	.07579	-.02339	.21423	-.00372	-.00890	99.821	.31591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	-.00252	103.33	.24646	.04476	.24531	185.48
Stddev	.00046	.00010	.66	.00146	.00034	.00155	2.24
%RSD	5.9674	4.0011	.63511	.59095	.75078	.63079	1.2060

#1	.00823	-.00246	103.16	.24748	.04482	.24446	186.02
#2	.00780	-.00264	104.06	.24479	.04506	.24437	187.40
#3	.00730	-.00246	102.78	.24710	.04440	.24709	183.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5686	52.674	.07261	-.01402	5.0141	.32701	.67959
Stddev	.0016	.353	.00101	.00061	.0339	.00332	.00355
%RSD	.10166	.67066	1.3852	4.3830	.67669	1.0154	.52302

#1	1.5690	52.604	.07229	-.01406	5.0231	.32537	.67656
#2	1.5669	53.058	.07373	-.01339	5.0426	.32482	.68350
#3	1.5700	52.362	.07179	-.01462	4.9765	.33083	.67871

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.864	.00475	-.04173	3.4806	4.4622	.01640	1.0104
Stddev	.110	.00028	.00362	.0253	.0556	.00086	.0046
%RSD	.69225	5.8359	8.6654	.72597	1.2467	5.2637	.45460

#1	15.879	.00460	-.04580	3.4806	4.4255	.01731	1.0090
#2	15.966	.00507	-.03890	3.5059	4.5262	.01628	1.0066
#3	15.748	.00458	-.04048	3.4553	4.4348	.01560	1.0155

Sample Name: K1685-01 Acquired: 3/15/2019 13:08:15 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08413	4.486	.13527	2.6393	F<.00000
Stddev	.00132	.031	.00114	.1273	5.9494
%RSD	1.5641	.6936	.84512	4.8214	.29967

#1	.08267	4.466	.13535	2.7536	-1982.8
#2	.08449	4.521	.13408	2.6622	-1992.1
#3	.08523	4.469	.13637	2.5022	-1981.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3807.4	42443.	6040.5	33.661	3468.2
Stddev	7.5	40.	26.8	.952	17.4
%RSD	.19782	.09510	.44329	2.8284	.50057

#1	3798.7	42404.	6035.1	32.649	3480.3
#2	3810.8	42484.	6016.9	33.795	3448.3
#3	3812.6	42440.	6069.6	34.539	3476.0

Sample Name: K1685-03 Acquired: 3/15/2019 13:12:36 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14698	-.02116	.16725	-.00998	-.01548	112.32	.29278
Stddev	.00295	.00152	.00223	.00850	.00101	.45	.00732
%RSD	2.0038	7.2045	1.3324	85.115	6.4986	.40438	2.5014

#1	.14782	-.01997	.16971	-.01937	-.01449	112.41	.29073
#2	.14941	-.02064	.16665	-.00777	-.01544	112.72	.28670
#3	.14370	-.02288	.16538	-.00281	-.01650	111.83	.30091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01279	-.00283	45.960	.30887	.04395	.16646	281.83
Stddev	.00027	.00020	.267	.00080	.00045	.00118	3.62
%RSD	2.0861	6.9495	.58078	.25762	1.0139	.70751	1.2855

#1	.01258	-.00281	45.994	.30811	.04344	.16751	281.63
#2	.01309	-.00264	45.678	.30881	.04427	.16669	278.31
#3	.01271	-.00303	46.209	.30969	.04413	.16519	285.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2109	22.434	.07294	-.02562	4.6792	.44825	.67869
Stddev	.0021	.095	.00109	.00036	.0224	.00237	.00043
%RSD	.17633	.42225	1.4907	1.4027	.47827	.52878	.06300

#1	1.2127	22.467	.07369	-.02551	4.6567	.44892	.67886
#2	1.2116	22.327	.07169	-.02602	4.6795	.45022	.67820
#3	1.2086	22.507	.07343	-.02532	4.7015	.44562	.67900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.238	.00174	-.12134	3.2845	2.5002	.01481	.81814
Stddev	.106	.00025	.00177	.0110	.0296	.00086	.00372
%RSD	.49852	14.584	1.4620	.33328	1.1824	5.8313	.45467

#1	21.198	.00161	-.12311	3.2724	2.5056	.01573	.81878
#2	21.157	.00158	-.11956	3.2937	2.4683	.01469	.81414
#3	21.358	.00204	-.12134	3.2876	2.5267	.01402	.82149

Sample Name: K1685-03 Acquired: 3/15/2019 13:12:36 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06226	4.779	-.05406	1.4734	F<.00000
Stddev	.00300	.011	.00263	.0818	19.752
%RSD	4.8143	.2346	4.8618	5.5525	.58338
#1	.06054	4.774	-.05377	1.4654	-3363.9
#2	.06052	4.772	-.05159	1.5589	-3391.3
#3	.06572	4.792	-.05682	1.3959	-3402.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3890.6	43475.	6106.7	35.833	3497.8
Stddev	2.0	140.	41.4	1.794	3.1
%RSD	.05144	.32177	.67803	5.0070	.08865
#1	3892.6	43414.	6107.4	33.777	3499.9
#2	3888.6	43376.	6147.7	37.078	3499.3
#3	3890.6	43635.	6064.9	36.645	3494.3

Sample Name: K1685-05 Acquired: 3/15/2019 13:17:03 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13919	-.01799	.15639	.00653	-.01380	109.89	.22827
Stddev	.00043	.00135	.00093	.00286	.00254	.38	.00521
%RSD	.30593	7.4892	.59658	43.834	18.438	.34664	2.2808

#1	.13870	-.01709	.15538	.00982	-.01357	109.56	.23031
#2	.13948	-.01733	.15657	.00464	-.01138	109.81	.23214
#3	.13939	-.01954	.15721	.00513	-.01645	110.31	.22235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01045	-.00458	17.970	.28844	.02601	.11150	244.50
Stddev	.00034	.00032	.125	.00271	.00019	.00053	2.01
%RSD	3.2912	6.8907	.69535	.94051	.71442	.47381	.82076

#1	.01026	-.00464	18.009	.29019	.02583	.11167	245.54
#2	.01085	-.00486	18.071	.28532	.02599	.11091	245.78
#3	.01024	-.00424	17.831	.28982	.02620	.11193	242.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65844	11.905	.04813	-.01992	3.1551	.37196	.49628
Stddev	.00105	.117	.00036	.00089	.0206	.00101	.00051
%RSD	.16019	.98202	.75001	4.4921	.65205	.27157	.10209

#1	.65733	12.034	.04834	-.02051	3.1567	.37184	.49667
#2	.65856	11.872	.04833	-.01889	3.1748	.37101	.49645
#3	.65943	11.807	.04771	-.02036	3.1337	.37302	.49571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.714	.00508	-.10505	2.4904	2.7007	.03143	.71712
Stddev	.162	.00043	.01535	.0134	.0225	.00022	.00508
%RSD	1.2733	8.4861	14.611	.53868	.83324	.68861	.70848

#1	12.803	.00558	-.10573	2.4987	2.6907	.03168	.71447
#2	12.812	.00481	-.08937	2.4750	2.6849	.03127	.72298
#3	12.527	.00485	-.12004	2.4976	2.7265	.03134	.71391

Sample Name: K1685-05 Acquired: 3/15/2019 13:17:03 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03054	4.922	-.16171	1.7981	F<.00000
Stddev	.00154	.019	.00163	.1246	4.4205
%RSD	5.0520	.3846	1.0075	6.9299	.16386
#1	.03092	4.901	-.16272	1.9263	-2702.1
#2	.03186	4.928	-.16258	1.6774	-2693.3
#3	.02885	4.938	-.15983	1.7905	-2697.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.9	43184.	6038.1	35.254	3582.9
Stddev	2.7	75.	37.9	.489	2.7
%RSD	.06909	.17321	.62821	1.3867	.07423
#1	3894.2	43183.	6017.4	35.516	3584.6
#2	3894.8	43259.	6015.1	34.690	3579.9
#3	3889.8	43109.	6081.9	35.557	3584.3

Sample Name: K1685-07 Acquired: 3/15/2019 13:21:33 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08997	-.01940	.28695	-.00219	-.01118	130.24	.34439
Stddev	.00396	.00275	.00281	.00424	.00076	.69	.00363
%RSD	4.4027	14.178	.97842	193.38	6.7760	.53170	1.0526

#1	.09095	-.01818	.28896	-.00659	-.01091	130.19	.34508
#2	.09336	-.01747	.28374	.00186	-.01059	129.56	.34047
#3	.08562	-.02255	.28815	-.00184	-.01203	130.95	.34762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00955	-.00312	88.116	.28848	.03744	.14186	214.44
Stddev	.00020	.00011	.350	.00207	.00016	.00057	.84
%RSD	2.0565	3.5111	.39681	.71902	.42684	.39971	.39358

#1	.00975	-.00305	87.732	.28860	.03762	.14174	214.03
#2	.00955	-.00325	88.201	.28635	.03738	.14248	215.41
#3	.00936	-.00307	88.416	.29049	.03732	.14136	213.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0383	29.329	.07364	-.01893	3.8919	.50473	.53611
Stddev	.0025	.150	.00043	.00044	.0216	.00284	.00159
%RSD	.24053	.51209	.58513	2.3189	.55418	.56177	.29581

#1	1.0366	29.461	.07364	-.01941	3.9121	.50763	.53788
#2	1.0372	29.166	.07407	-.01855	3.8692	.50458	.53563
#3	1.0412	29.361	.07321	-.01883	3.8943	.50197	.53482

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9914	.00314	-.10915	3.3369	5.2815	.05272	.99036
Stddev	.0681	.00035	.00545	.0257	.0706	.00088	.00706
%RSD	.68156	11.276	4.9916	.77013	1.3371	1.6746	.71247

#1	10.060	.00343	-.11524	3.3416	5.3003	.05334	.98542
#2	9.9242	.00275	-.10473	3.3600	5.2033	.05312	.98721
#3	9.9898	.00326	-.10749	3.3092	5.3408	.05171	.99844

Sample Name: K1685-07 Acquired: 3/15/2019 13:21:33 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06205	3.377	.03793	2.0700	F<.00000
Stddev	.00127	.011	.00222	.1777	8.7923
%RSD	2.0508	.3273	5.8527	8.5848	.36670

#1	.06271	3.384	.03751	1.8901	-2392.7
#2	.06285	3.365	.03595	2.0746	-2392.5
#3	.06058	3.383	.04033	2.2454	-2407.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.2	43076.	6122.2	35.785	3503.4
Stddev	2.9	42.	8.0	3.036	5.7
%RSD	.07418	.09734	.13114	8.4841	.16310

#1	3883.0	43042.	6131.4	38.845	3497.1
#2	3888.6	43122.	6116.5	35.737	3508.3
#3	3887.0	43063.	6118.7	32.773	3504.7

Sample Name: K1698-01 Acquired: 3/15/2019 13:26:02 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03777	-.05344	.42142	-.01414	-.01333	143.50	.45496
Stddev	.00371	.00105	.00138	.00331	.00112	.63	.00680
%RSD	9.8100	1.9736	.32694	23.430	8.3996	.43611	1.4946

#1	.03619	-.05239	.42088	-.01465	-.01349	143.77	.44842
#2	.03512	-.05450	.42039	-.01717	-.01435	143.94	.45448
#3	.04201	-.05342	.42298	-.01060	-.01213	142.78	.46199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01092	.00091	136.85	.18520	.15863	.79509	244.39
Stddev	.00017	.00011	.57	.00112	.00082	.00120	.76
%RSD	1.5810	12.103	.41835	.60281	.51491	.15103	.31079

#1	.01094	.00082	136.92	.18623	.15777	.79444	244.66
#2	.01109	.00088	136.25	.18537	.15871	.79436	243.53
#3	.01074	.00104	137.38	.18401	.15940	.79648	244.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3957	59.589	.18016	-.02354	4.7687	.44982	1.2258
Stddev	.0200	.313	.00078	.00093	.0184	.00394	.0050
%RSD	.37046	.52451	.43262	3.9646	.38518	.87539	.40888

#1	5.4046	59.712	.18003	-.02456	4.7758	.45339	1.2248
#2	5.4097	59.234	.17945	-.02332	4.7479	.45046	1.2214
#3	5.3728	59.822	.18099	-.02273	4.7825	.44560	1.2313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9488	.00322	.57625	4.3029	2.3495	.01417	2.5718
Stddev	.0096	.00008	.00223	.0151	.0465	.00121	.0088
%RSD	.10691	2.3308	.38643	.35157	1.9793	8.5363	.34253

#1	8.9426	.00331	.57496	4.3186	2.3975	.01491	2.5740
#2	8.9598	.00317	.57497	4.2884	2.3046	.01278	2.5621
#3	8.9439	.00319	.57882	4.3018	2.3465	.01482	2.5792

Sample Name: K1698-01 Acquired: 3/15/2019 13:26:02 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14523	6.897	-.00383	1.2095	F<.00000
Stddev	.00211	.034	.00077	.2247	11.730
%RSD	1.4512	.4941	20.189	18.578	.37647

#1	.14431	6.891	-.00387	1.1934	-3111.2
#2	.14373	6.867	-.00457	1.4419	-3107.0
#3	.14764	6.934	-.00303	.99334	-3129.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.1	45003.	6410.0	33.649	3384.2
Stddev	3.3	172.	31.5	1.885	11.8
%RSD	.08050	.38271	.49116	5.6010	.34811

#1	4052.9	44972.	6412.8	35.825	3385.6
#2	4047.1	44848.	6440.0	32.557	3395.2
#3	4047.3	45188.	6377.2	32.564	3371.8

Sample Name: K1905-01 Acquired: 3/15/2019 13:30:29 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04980	-.01943	.97624	.00365	-.00649	137.68	.40501
Stddev	.00350	.00094	.00242	.00143	.00112	.14	.00475
%RSD	7.0229	4.8598	.24804	39.031	17.198	.10167	1.1740

#1	.05102	-.01858	.97844	.00445	-.00582	137.71	.40137
#2	.04585	-.01925	.97664	.00201	-.00778	137.53	.41039
#3	.05252	-.02045	.97365	.00451	-.00587	137.81	.40327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	-.00141	25.644	.19634	.03649	.16147	143.33
Stddev	.00003	.00010	.027	.00053	.00004	.00063	.33
%RSD	.40004	6.7679	.10631	.26903	.11336	.39104	.22751

#1	.00750	-.00149	25.614	.19676	.03650	.16097	143.34
#2	.00755	-.00144	25.668	.19574	.03644	.16127	143.65
#3	.00755	-.00131	25.649	.19651	.03653	.16218	143.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85707	11.168	.07615	-.01008	1.8201	.30877	1.1920
Stddev	.00191	.025	.00051	.00015	.0055	.00126	.0024
%RSD	.22307	.22460	.67380	1.4400	.29999	.40933	.20219

#1	.85508	11.146	.07620	-.00994	1.8158	.30735	1.1895
#2	.85725	11.196	.07562	-.01006	1.8183	.30917	1.1943
#3	.85889	11.164	.07664	-.01023	1.8263	.30978	1.1923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5007	.00320	-.04527	8.1921	3.1144	.01271	.96707
Stddev	.0193	.00034	.00504	.0256	.0320	.00112	.00282
%RSD	.35073	10.551	11.144	.31197	1.0270	8.7966	.29138

#1	5.5067	.00326	-.04061	8.1625	3.1197	.01294	.96967
#2	5.4792	.00284	-.04457	8.2071	3.1434	.01370	.96746
#3	5.5164	.00350	-.05063	8.2065	3.0801	.01150	.96408

Sample Name: K1905-01 Acquired: 3/15/2019 13:30:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02615	3.519	-.04853	2.3843	F<.00000
Stddev	.00342	.004	.00055	.2081	2.1753
%RSD	13.070	.1053	1.1356	8.7289	.15008

#1	.02977	3.522	-.04801	2.4306	-1449.0
#2	.02571	3.520	-.04910	2.1569	-1451.7
#3	.02298	3.514	-.04847	2.5654	-1447.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.1	43623.	6136.3	34.701	3635.2
Stddev	3.7	107.	10.1	.897	6.8
%RSD	.09465	.24623	.16495	2.5849	.18842

#1	3944.8	43590.	6147.9	34.287	3635.2
#2	3951.5	43743.	6131.4	35.730	3628.3
#3	3945.2	43536.	6129.5	34.085	3642.0

Sample Name: K1905-03 Acquired: 3/15/2019 13:35:00 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03592	-.03933	.53993	-.00323	-.01093	175.84	.45705
Stddev	.00292	.00115	.00133	.00139	.00020	.48	.00194
%RSD	8.1278	2.9217	.24621	43.187	1.7960	.27324	.42490

#1	.03306	-.03856	.54069	-.00418	-.01086	176.23	.45842
#2	.03581	-.04065	.53840	-.00163	-.01078	175.30	.45791
#3	.03889	-.03877	.54072	-.00388	-.01116	175.98	.45483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01521	-.00111	11.707	.16446	.06959	.11465	222.86
Stddev	.00027	.00032	.054	.00116	.00036	.00068	1.03
%RSD	1.7594	28.988	.45911	.70812	.51241	.59252	.46412

#1	.01500	-.00127	11.766	.16387	.06929	.11537	223.21
#2	.01551	-.00132	11.695	.16371	.06949	.11403	223.68
#3	.01512	-.00074	11.661	.16581	.06998	.11456	221.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3063	6.1932	.06389	-.01796	1.5529	.36182	.80074
Stddev	.0005	.0682	.00108	.00033	.0088	.00009	.00180
%RSD	.02224	1.1017	1.6918	1.8586	.56493	.02490	.22491

#1	2.3058	6.2409	.06328	-.01775	1.5444	.36192	.79889
#2	2.3061	6.2236	.06514	-.01779	1.5619	.36174	.80084
#3	2.3068	6.1150	.06326	-.01835	1.5524	.36182	.80248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8760	.00023	-.12631	1.8294	5.0555	.02739	1.9530
Stddev	.0156	.00020	.00540	.0264	.0382	.00031	.0166
%RSD	.40351	88.840	4.2722	1.4417	.75522	1.1495	.84895

#1	3.8940	-.00000	-.12453	1.8287	5.0993	.02746	1.9644
#2	3.8676	.00038	-.12203	1.8561	5.0291	.02704	1.9607
#3	3.8663	.00030	-.13237	1.8033	5.0382	.02766	1.9340

Sample Name: K1905-03 Acquired: 3/15/2019 13:35:00 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01998	4.518	-.16890	1.3571	F<.00000
Stddev	.00112	.005	.00088	.0643	6.6198
%RSD	5.6264	.1122	.52214	4.7384	.24997
#1	.01982	4.513	-.16944	1.4132	-2651.3
#2	.01894	4.519	-.16937	1.3711	-2652.7
#3	.02117	4.523	-.16788	1.2869	-2640.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.5	45509.	6423.7	34.612	3575.7
Stddev	9.1	65.	34.9	1.122	6.4
%RSD	.22067	.14330	.54386	3.2428	.17863
#1	4120.7	45443.	6400.0	33.345	3578.6
#2	4137.8	45511.	6407.2	35.482	3580.2
#3	4123.8	45574.	6463.8	35.009	3568.4

Sample Name: K1915-01 Acquired: 3/15/2019 13:39:29 Type: Unk

Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SPDES-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	-.00058	-.00449	.02327	.00014	-.00290	.04830	.23002	.00010
Stddev	.00400	.00338	.00154	.00280	.00127	.02871	.00599	.00007
%RSD	685.08	75.214	6.6202	1980.9	43.569	59.437	2.6056	66.068

#1	-.00425	-.00059	.02505	-.00292	-.00173	.02068	.23104	.00003
#2	-.00119	-.00639	.02228	.00077	-.00424	.07799	.23543	.00015
#3	.00369	-.00649	.02249	.00258	-.00274	.04623	.22358	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	389.24	-.00073	-.00066	.00159	-.01634	.26001	102.02
Stddev	.00006	2.05	.00041	.00013	.00067	.00137	.00180	.05
%RSD	23.026	.52695	55.571	20.027	42.339	8.4079	.69339	.04444

#1	-.00021	389.41	-.00097	-.00054	.00219	-.01788	.25828	101.97
#2	-.00024	387.11	-.00026	-.00063	.00086	-.01590	.25989	102.05
#3	-.00033	391.20	-.00096	-.00080	.00172	-.01524	.26187	102.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00735	-.00149	1432.1	.00151	.07743	44.639	.01118	.40586
Stddev	.00032	.00070	23.2	.00073	.00009	.225	.00028	.00827
%RSD	4.4166	46.980	1.6199	48.255	.12206	.50444	2.5264	2.0371

#1	.00771	-.00192	1458.8	.00123	.07753	44.709	.01116	.41016
#2	.00727	-.00186	1417.8	.00234	.07734	44.387	.01147	.39633
#3	.00707	-.00068	1419.6	.00096	.07743	44.820	.01091	.41110

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.640	F 18.715	-.00498	-.01474	.07039	.0031	2.8072	6.6998
Stddev	.034	.098	.00079	.00172	.00273	.0003	.0129	.0873
%RSD	.18078	.52314	15.944	11.641	3.8802	9.754	.45836	1.3026

#1	18.608	18.782	-.00470	-.01312	.06785	.0029	2.8117	6.6464
#2	18.636	18.603	-.00587	-.01457	.07005	.0029	2.7927	6.6523
#3	18.675	18.761	-.00436	-.01654	.07328	.0034	2.8171	6.8005

Sample Name: K1915-01 Acquired: 3/15/2019 13:39:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.318
Stddev	3.119
%RSD	4.4357

#1	67.936
#2	73.849
#3	69.170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.1	33773.	5264.3	33.219	2829.3
Stddev	6.8	178.	21.6	1.664	6.8
%RSD	.21810	.52848	.40940	5.0083	.23874

#1	3113.9	33956.	5256.9	33.154	2836.3
#2	3116.0	33763.	5288.5	34.915	2828.8
#3	3103.4	33600.	5247.3	31.589	2822.8

Sample Name: CCV02 Acquired: 3/15/2019 13:52:23 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1689	5.0160	5.0808	5.1125	5.1834	10.251	9.6000	.25570
Stddev	.0070	.0017	.0048	.0044	.0074	.073	.0439	.00090
%RSD	.13522	.03448	.09476	.08660	.14223	.71074	.45706	.35070
#1	5.1626	5.0141	5.0855	5.1164	5.1840	10.312	9.6329	.25641
#2	5.1764	5.0165	5.0759	5.1077	5.1758	10.170	9.6169	.25601
#3	5.1677	5.0174	5.0810	5.1135	5.1906	10.271	9.5502	.25470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5556	24.367	1.0252	2.5418	1.2686	4.8923	2.5593	24.934
Stddev	.0012	.191	.0015	.0031	.0018	.0164	.0019	.254
%RSD	.04814	.78220	.14820	.12070	.14480	.33437	.07391	1.0204
#1	2.5542	24.168	1.0252	2.5400	1.2672	4.8860	2.5615	24.727
#2	2.5561	24.385	1.0237	2.5453	1.2707	4.9109	2.5584	24.858
#3	2.5564	24.548	1.0268	2.5400	1.2679	4.8801	2.5580	25.218
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4327	1.3139	23.983	2.4065	2.5699	23.607	4.9257	4.5949
Stddev	.0051	.0047	.128	.0008	.0013	.130	.0013	.0092
%RSD	.21088	.35822	.53331	.03495	.04902	.55081	.02695	.19914
#1	2.4293	1.3188	24.110	2.4075	2.5698	23.651	4.9268	4.5843
#2	2.4386	1.3095	23.983	2.4060	2.5712	23.709	4.9261	4.5994
#3	2.4301	1.3133	23.855	2.4061	2.5687	23.460	4.9243	4.6008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9227	4.7958	4.8041	4.9930	4.8283	4.973	5.0201	4.6372
Stddev	.0208	.0131	.0066	.0313	.0152	.002	.0193	.0656
%RSD	.42170	.27396	.13816	.62666	.31444	.0357	.38508	1.4137
#1	4.9300	4.7810	4.8076	4.9705	4.8410	4.971	5.0292	4.7123
#2	4.9389	4.8061	4.8083	4.9797	4.8324	4.973	5.0332	4.5911
#3	4.8993	4.8004	4.7965	5.0287	4.8115	4.975	4.9979	4.6083

Sample Name: CCV02 Acquired: 3/15/2019 13:52:23 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14682 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0330
Stddev	3.5080
%RSD	339.60

#1	-1.8740
#2	4.9295
#3	.04353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.7	39661.	5513.7	33.886	3470.3
Stddev	5.4	132.	24.1	1.920	5.9
%RSD	.15057	.33194	.43635	5.6666	.17037

#1	3560.7	39519.	5516.8	36.034	3470.2
#2	3557.0	39779.	5488.2	33.287	3464.4
#3	3567.5	39686.	5536.0	32.337	3476.2

Sample Name: CCB02 Acquired: 3/15/2019 13:56:22 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.00037	F .00305	.00122	.00202	-.00377	-.03261
Stddev	.00292	.00035	.00057	.00235	.00090	.00895	.00119
%RSD	143.63	93.944	18.579	191.68	44.603	237.48	3.6598

#1	-.00224	.00003	.00321	.00389	.00146	-.01237	-.03358
#2	-.00484	.00035	.00352	.00032	.00153	-.00443	-.03298
#3	.00098	.00073	.00242	-.00054	.00305	.00550	-.03128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00005	.00885	-.00023	-.00011	.00002	-.00369
Stddev	.00003	.00005	.00624	.00039	.00008	.00028	.00176
%RSD	44.359	102.61	70.533	168.72	76.982	1714.9	47.726

#1	.00003	-.00001	.01605	-.00004	-.00004	-.00008	-.00196
#2	.00007	.00008	.00512	.00002	-.00009	.00033	-.00547
#3	.00008	.00007	.00538	-.00068	-.00020	-.00021	-.00363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02812	.00040	.00052	-.27523	.00017	-.00066
Stddev	.00002	.03069	.00027	.00032	.01240	.00052	.00004
%RSD	96.078	109.12	67.446	60.782	4.5065	311.79	6.1764

#1	-.00002	-.02410	.00024	.00056	-.26227	.00070	-.00062
#2	-.00003	.00036	.00025	.00019	-.28698	.00016	-.00069
#3	.00000	-.06062	.00070	.00082	-.27643	-.00035	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.72359	.00010	-.00198	F -.02675	.00244	-.00224	-.00005
Stddev	.02889	.00046	.00650	.00735	.00277	.00069	.00094
%RSD	3.9932	480.84	328.15	27.469	113.53	30.863	2052.9

#1	-.74930	.00061	.00525	-.03261	-.00073	-.00170	-.00079
#2	-.72916	-.00004	-.00734	-.01850	.00439	-.00302	-.00037
#3	-.69232	-.00028	-.00386	-.02913	.00368	-.00201	.00102

Sample Name: CCB02 Acquired: 3/15/2019 13:56:22 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14682 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00718	-0.0030	.00003	F 3.7686	F<.00000
Stddev	.00186	.0007	.00009	.1274	2.4651
%RSD	25.841	21.87	271.91	3.3803	213.10

#1	-0.00693	-0.0036	.00011	3.9068	1.4671
#2	-0.00915	-0.0031	-0.00007	3.7429	-1.5132
#3	-0.00546	-0.0023	.00006	3.6560	-3.4243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.2	41494.	5589.4	34.378	3842.1
Stddev	1.0	62.	27.3	1.643	5.5
%RSD	.02686	.15002	.48845	4.7801	.14267

#1	3725.2	41441.	5581.9	33.925	3842.3
#2	3723.9	41478.	5619.6	36.200	3836.5
#3	3723.3	41563.	5566.6	33.008	3847.5

Sample Name: K1685-01 Acquired: 3/15/2019 13:08:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07738	-.02155	.21296	-.00258	-.01020	99.917	.31968
Stddev	.00283	.00207	.00213	.00168	.00113	.085	.00406
%RSD	3.6637	9.5895	1.0018	65.125	11.040	.08497	1.2698

#1	.08065	-.01931	.21050	-.00338	-.01091	99.952	.32398
#2	.07568	-.02194	.21416	-.00065	-.01078	99.979	.31916
#3	.07579	-.02339	.21423	-.00372	-.00890	99.821	.31591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00778	-.00252	103.33	.24646	.04476	.24531	185.48
Stddev	.00046	.00010	.66	.00146	.00034	.00155	2.24
%RSD	5.9674	4.0011	.63511	.59095	.75078	.63079	1.2060

#1	.00823	-.00246	103.16	.24748	.04482	.24446	186.02
#2	.00780	-.00264	104.06	.24479	.04506	.24437	187.40
#3	.00730	-.00246	102.78	.24710	.04440	.24709	183.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5686	52.674	.07261	-.01402	5.0141	.32701	.67959
Stddev	.0016	.353	.00101	.00061	.0339	.00332	.00355
%RSD	.10166	.67066	1.3852	4.3830	.67669	1.0154	.52302

#1	1.5690	52.604	.07229	-.01406	5.0231	.32537	.67656
#2	1.5669	53.058	.07373	-.01339	5.0426	.32482	.68350
#3	1.5700	52.362	.07179	-.01462	4.9765	.33083	.67871

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.864	.00475	-.04173	3.4806	4.4622	.01640	1.0104
Stddev	.110	.00028	.00362	.0253	.0556	.00086	.0046
%RSD	.69225	5.8359	8.6654	.72597	1.2467	5.2637	.45460

#1	15.879	.00460	-.04580	3.4806	4.4255	.01731	1.0090
#2	15.966	.00507	-.03890	3.5059	4.5262	.01628	1.0066
#3	15.748	.00458	-.04048	3.4553	4.4348	.01560	1.0155

Sample Name: K1685-01 Acquired: 3/15/2019 13:08:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08413	4.486	.13527	2.6393	F<.00000
Stddev	.00132	.031	.00114	.1273	5.9494
%RSD	1.5641	.6936	.84512	4.8214	.29967

#1	.08267	4.466	.13535	2.7536	-1982.8
#2	.08449	4.521	.13408	2.6622	-1992.1
#3	.08523	4.469	.13637	2.5022	-1981.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3807.4	42443.	6040.5	33.661	3468.2
Stddev	7.5	40.	26.8	.952	17.4
%RSD	.19782	.09510	.44329	2.8284	.50057

#1	3798.7	42404.	6035.1	32.649	3480.3
#2	3810.8	42484.	6016.9	33.795	3448.3
#3	3812.6	42440.	6069.6	34.539	3476.0

Sample Name: K1685-03 Acquired: 3/15/2019 13:12:36 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14698	-.02116	.16725	-.00998	-.01548	112.32	.29278
Stddev	.00295	.00152	.00223	.00850	.00101	.45	.00732
%RSD	2.0038	7.2045	1.3324	85.115	6.4986	.40438	2.5014

#1	.14782	-.01997	.16971	-.01937	-.01449	112.41	.29073
#2	.14941	-.02064	.16665	-.00777	-.01544	112.72	.28670
#3	.14370	-.02288	.16538	-.00281	-.01650	111.83	.30091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01279	-.00283	45.960	.30887	.04395	.16646	281.83
Stddev	.00027	.00020	.267	.00080	.00045	.00118	3.62
%RSD	2.0861	6.9495	.58078	.25762	1.0139	.70751	1.2855

#1	.01258	-.00281	45.994	.30811	.04344	.16751	281.63
#2	.01309	-.00264	45.678	.30881	.04427	.16669	278.31
#3	.01271	-.00303	46.209	.30969	.04413	.16519	285.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2109	22.434	.07294	-.02562	4.6792	.44825	.67869
Stddev	.0021	.095	.00109	.00036	.0224	.00237	.00043
%RSD	.17633	.42225	1.4907	1.4027	.47827	.52878	.06300

#1	1.2127	22.467	.07369	-.02551	4.6567	.44892	.67886
#2	1.2116	22.327	.07169	-.02602	4.6795	.45022	.67820
#3	1.2086	22.507	.07343	-.02532	4.7015	.44562	.67900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.238	.00174	-.12134	3.2845	2.5002	.01481	.81814
Stddev	.106	.00025	.00177	.0110	.0296	.00086	.00372
%RSD	.49852	14.584	1.4620	.33328	1.1824	5.8313	.45467

#1	21.198	.00161	-.12311	3.2724	2.5056	.01573	.81878
#2	21.157	.00158	-.11956	3.2937	2.4683	.01469	.81414
#3	21.358	.00204	-.12134	3.2876	2.5267	.01402	.82149

Sample Name: K1685-03 Acquired: 3/15/2019 13:12:36 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06226	4.779	-.05406	1.4734	F<.00000
Stddev	.00300	.011	.00263	.0818	19.752
%RSD	4.8143	.2346	4.8618	5.5525	.58338

#1	.06054	4.774	-.05377	1.4654	-3363.9
#2	.06052	4.772	-.05159	1.5589	-3391.3
#3	.06572	4.792	-.05682	1.3959	-3402.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3890.6	43475.	6106.7	35.833	3497.8
Stddev	2.0	140.	41.4	1.794	3.1
%RSD	.05144	.32177	.67803	5.0070	.08865

#1	3892.6	43414.	6107.4	33.777	3499.9
#2	3888.6	43376.	6147.7	37.078	3499.3
#3	3890.6	43635.	6064.9	36.645	3494.3

Sample Name: K1685-05 Acquired: 3/15/2019 13:17:03 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13919	-.01799	.15639	.00653	-.01380	109.89	.22827
Stddev	.00043	.00135	.00093	.00286	.00254	.38	.00521
%RSD	.30593	7.4892	.59658	43.834	18.438	.34664	2.2808

#1	.13870	-.01709	.15538	.00982	-.01357	109.56	.23031
#2	.13948	-.01733	.15657	.00464	-.01138	109.81	.23214
#3	.13939	-.01954	.15721	.00513	-.01645	110.31	.22235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01045	-.00458	17.970	.28844	.02601	.11150	244.50
Stddev	.00034	.00032	.125	.00271	.00019	.00053	2.01
%RSD	3.2912	6.8907	.69535	.94051	.71442	.47381	.82076

#1	.01026	-.00464	18.009	.29019	.02583	.11167	245.54
#2	.01085	-.00486	18.071	.28532	.02599	.11091	245.78
#3	.01024	-.00424	17.831	.28982	.02620	.11193	242.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65844	11.905	.04813	-.01992	3.1551	.37196	.49628
Stddev	.00105	.117	.00036	.00089	.0206	.00101	.00051
%RSD	.16019	.98202	.75001	4.4921	.65205	.27157	.10209

#1	.65733	12.034	.04834	-.02051	3.1567	.37184	.49667
#2	.65856	11.872	.04833	-.01889	3.1748	.37101	.49645
#3	.65943	11.807	.04771	-.02036	3.1337	.37302	.49571

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.714	.00508	-.10505	2.4904	2.7007	.03143	.71712
Stddev	.162	.00043	.01535	.0134	.0225	.00022	.00508
%RSD	1.2733	8.4861	14.611	.53868	.83324	.68861	.70848

#1	12.803	.00558	-.10573	2.4987	2.6907	.03168	.71447
#2	12.812	.00481	-.08937	2.4750	2.6849	.03127	.72298
#3	12.527	.00485	-.12004	2.4976	2.7265	.03134	.71391

Sample Name: K1685-05 Acquired: 3/15/2019 13:17:03 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03054	4.922	-.16171	1.7981	F<.00000
Stddev	.00154	.019	.00163	.1246	4.4205
%RSD	5.0520	.3846	1.0075	6.9299	.16386
#1	.03092	4.901	-.16272	1.9263	-2702.1
#2	.03186	4.928	-.16258	1.6774	-2693.3
#3	.02885	4.938	-.15983	1.7905	-2697.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.9	43184.	6038.1	35.254	3582.9
Stddev	2.7	75.	37.9	.489	2.7
%RSD	.06909	.17321	.62821	1.3867	.07423
#1	3894.2	43183.	6017.4	35.516	3584.6
#2	3894.8	43259.	6015.1	34.690	3579.9
#3	3889.8	43109.	6081.9	35.557	3584.3

Sample Name: K1685-07 Acquired: 3/15/2019 13:21:33 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08997	-.01940	.28695	-.00219	-.01118	130.24	.34439
Stddev	.00396	.00275	.00281	.00424	.00076	.69	.00363
%RSD	4.4027	14.178	.97842	193.38	6.7760	.53170	1.0526

#1	.09095	-.01818	.28896	-.00659	-.01091	130.19	.34508
#2	.09336	-.01747	.28374	.00186	-.01059	129.56	.34047
#3	.08562	-.02255	.28815	-.00184	-.01203	130.95	.34762

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00955	-.00312	88.116	.28848	.03744	.14186	214.44
Stddev	.00020	.00011	.350	.00207	.00016	.00057	.84
%RSD	2.0565	3.5111	.39681	.71902	.42684	.39971	.39358

#1	.00975	-.00305	87.732	.28860	.03762	.14174	214.03
#2	.00955	-.00325	88.201	.28635	.03738	.14248	215.41
#3	.00936	-.00307	88.416	.29049	.03732	.14136	213.87

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0383	29.329	.07364	-.01893	3.8919	.50473	.53611
Stddev	.0025	.150	.00043	.00044	.0216	.00284	.00159
%RSD	.24053	.51209	.58513	2.3189	.55418	.56177	.29581

#1	1.0366	29.461	.07364	-.01941	3.9121	.50763	.53788
#2	1.0372	29.166	.07407	-.01855	3.8692	.50458	.53563
#3	1.0412	29.361	.07321	-.01883	3.8943	.50197	.53482

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9914	.00314	-.10915	3.3369	5.2815	.05272	.99036
Stddev	.0681	.00035	.00545	.0257	.0706	.00088	.00706
%RSD	.68156	11.276	4.9916	.77013	1.3371	1.6746	.71247

#1	10.060	.00343	-.11524	3.3416	5.3003	.05334	.98542
#2	9.9242	.00275	-.10473	3.3600	5.2033	.05312	.98721
#3	9.9898	.00326	-.10749	3.3092	5.3408	.05171	.99844

Sample Name: K1685-07 Acquired: 3/15/2019 13:21:33 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06205	3.377	.03793	2.0700	F<.00000
Stddev	.00127	.011	.00222	.1777	8.7923
%RSD	2.0508	.3273	5.8527	8.5848	.36670

#1	.06271	3.384	.03751	1.8901	-2392.7
#2	.06285	3.365	.03595	2.0746	-2392.5
#3	.06058	3.383	.04033	2.2454	-2407.8

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3886.2	43076.	6122.2	35.785	3503.4
Stddev	2.9	42.	8.0	3.036	5.7
%RSD	.07418	.09734	.13114	8.4841	.16310

#1	3883.0	43042.	6131.4	38.845	3497.1
#2	3888.6	43122.	6116.5	35.737	3508.3
#3	3887.0	43063.	6118.7	32.773	3504.7

Sample Name: K1698-01 Acquired: 3/15/2019 13:26:02 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03777	-.05344	.42142	-.01414	-.01333	143.50	.45496
Stddev	.00371	.00105	.00138	.00331	.00112	.63	.00680
%RSD	9.8100	1.9736	.32694	23.430	8.3996	.43611	1.4946

#1	.03619	-.05239	.42088	-.01465	-.01349	143.77	.44842
#2	.03512	-.05450	.42039	-.01717	-.01435	143.94	.45448
#3	.04201	-.05342	.42298	-.01060	-.01213	142.78	.46199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01092	.00091	136.85	.18520	.15863	.79509	244.39
Stddev	.00017	.00011	.57	.00112	.00082	.00120	.76
%RSD	1.5810	12.103	.41835	.60281	.51491	.15103	.31079

#1	.01094	.00082	136.92	.18623	.15777	.79444	244.66
#2	.01109	.00088	136.25	.18537	.15871	.79436	243.53
#3	.01074	.00104	137.38	.18401	.15940	.79648	244.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3957	59.589	.18016	-.02354	4.7687	.44982	1.2258
Stddev	.0200	.313	.00078	.00093	.0184	.00394	.0050
%RSD	.37046	.52451	.43262	3.9646	.38518	.87539	.40888

#1	5.4046	59.712	.18003	-.02456	4.7758	.45339	1.2248
#2	5.4097	59.234	.17945	-.02332	4.7479	.45046	1.2214
#3	5.3728	59.822	.18099	-.02273	4.7825	.44560	1.2313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9488	.00322	.57625	4.3029	2.3495	.01417	2.5718
Stddev	.0096	.00008	.00223	.0151	.0465	.00121	.0088
%RSD	.10691	2.3308	.38643	.35157	1.9793	8.5363	.34253

#1	8.9426	.00331	.57496	4.3186	2.3975	.01491	2.5740
#2	8.9598	.00317	.57497	4.2884	2.3046	.01278	2.5621
#3	8.9439	.00319	.57882	4.3018	2.3465	.01482	2.5792

Sample Name: K1698-01 Acquired: 3/15/2019 13:26:02 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14523	6.897	-.00383	1.2095	F<.00000
Stddev	.00211	.034	.00077	.2247	11.730
%RSD	1.4512	.4941	20.189	18.578	.37647

#1	.14431	6.891	-.00387	1.1934	-3111.2
#2	.14373	6.867	-.00457	1.4419	-3107.0
#3	.14764	6.934	-.00303	.99334	-3129.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.1	45003.	6410.0	33.649	3384.2
Stddev	3.3	172.	31.5	1.885	11.8
%RSD	.08050	.38271	.49116	5.6010	.34811

#1	4052.9	44972.	6412.8	35.825	3385.6
#2	4047.1	44848.	6440.0	32.557	3395.2
#3	4047.3	45188.	6377.2	32.564	3371.8

Sample Name: K1905-01 Acquired: 3/15/2019 13:30:29 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04980	-.01943	.97624	.00365	-.00649	137.68	.40501
Stddev	.00350	.00094	.00242	.00143	.00112	.14	.00475
%RSD	7.0229	4.8598	.24804	39.031	17.198	.10167	1.1740

#1	.05102	-.01858	.97844	.00445	-.00582	137.71	.40137
#2	.04585	-.01925	.97664	.00201	-.00778	137.53	.41039
#3	.05252	-.02045	.97365	.00451	-.00587	137.81	.40327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00753	-.00141	25.644	.19634	.03649	.16147	143.33
Stddev	.00003	.00010	.027	.00053	.00004	.00063	.33
%RSD	.40004	6.7679	.10631	.26903	.11336	.39104	.22751

#1	.00750	-.00149	25.614	.19676	.03650	.16097	143.34
#2	.00755	-.00144	25.668	.19574	.03644	.16127	143.65
#3	.00755	-.00131	25.649	.19651	.03653	.16218	143.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85707	11.168	.07615	-.01008	1.8201	.30877	1.1920
Stddev	.00191	.025	.00051	.00015	.0055	.00126	.0024
%RSD	.22307	.22460	.67380	1.4400	.29999	.40933	.20219

#1	.85508	11.146	.07620	-.00994	1.8158	.30735	1.1895
#2	.85725	11.196	.07562	-.01006	1.8183	.30917	1.1943
#3	.85889	11.164	.07664	-.01023	1.8263	.30978	1.1923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5007	.00320	-.04527	8.1921	3.1144	.01271	.96707
Stddev	.0193	.00034	.00504	.0256	.0320	.00112	.00282
%RSD	.35073	10.551	11.144	.31197	1.0270	8.7966	.29138

#1	5.5067	.00326	-.04061	8.1625	3.1197	.01294	.96967
#2	5.4792	.00284	-.04457	8.2071	3.1434	.01370	.96746
#3	5.5164	.00350	-.05063	8.2065	3.0801	.01150	.96408

Sample Name: K1905-01 Acquired: 3/15/2019 13:30:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02615	3.519	-.04853	2.3843	F<.00000
Stddev	.00342	.004	.00055	.2081	2.1753
%RSD	13.070	.1053	1.1356	8.7289	.15008

#1	.02977	3.522	-.04801	2.4306	-1449.0
#2	.02571	3.520	-.04910	2.1569	-1451.7
#3	.02298	3.514	-.04847	2.5654	-1447.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.1	43623.	6136.3	34.701	3635.2
Stddev	3.7	107.	10.1	.897	6.8
%RSD	.09465	.24623	.16495	2.5849	.18842

#1	3944.8	43590.	6147.9	34.287	3635.2
#2	3951.5	43743.	6131.4	35.730	3628.3
#3	3945.2	43536.	6129.5	34.085	3642.0

Sample Name: K1905-03 Acquired: 3/15/2019 13:35:00 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03592	-.03933	.53993	-.00323	-.01093	175.84	.45705
Stddev	.00292	.00115	.00133	.00139	.00020	.48	.00194
%RSD	8.1278	2.9217	.24621	43.187	1.7960	.27324	.42490

#1	.03306	-.03856	.54069	-.00418	-.01086	176.23	.45842
#2	.03581	-.04065	.53840	-.00163	-.01078	175.30	.45791
#3	.03889	-.03877	.54072	-.00388	-.01116	175.98	.45483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01521	-.00111	11.707	.16446	.06959	.11465	222.86
Stddev	.00027	.00032	.054	.00116	.00036	.00068	1.03
%RSD	1.7594	28.988	.45911	.70812	.51241	.59252	.46412

#1	.01500	-.00127	11.766	.16387	.06929	.11537	223.21
#2	.01551	-.00132	11.695	.16371	.06949	.11403	223.68
#3	.01512	-.00074	11.661	.16581	.06998	.11456	221.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3063	6.1932	.06389	-.01796	1.5529	.36182	.80074
Stddev	.0005	.0682	.00108	.00033	.0088	.00009	.00180
%RSD	.02224	1.1017	1.6918	1.8586	.56493	.02490	.22491

#1	2.3058	6.2409	.06328	-.01775	1.5444	.36192	.79889
#2	2.3061	6.2236	.06514	-.01779	1.5619	.36174	.80084
#3	2.3068	6.1150	.06326	-.01835	1.5524	.36182	.80248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8760	.00023	-.12631	1.8294	5.0555	.02739	1.9530
Stddev	.0156	.00020	.00540	.0264	.0382	.00031	.0166
%RSD	.40351	88.840	4.2722	1.4417	.75522	1.1495	.84895

#1	3.8940	-.00000	-.12453	1.8287	5.0993	.02746	1.9644
#2	3.8676	.00038	-.12203	1.8561	5.0291	.02704	1.9607
#3	3.8663	.00030	-.13237	1.8033	5.0382	.02766	1.9340

Sample Name: K1905-03 Acquired: 3/15/2019 13:35:00 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01998	4.518	-.16890	1.3571	F<.00000
Stddev	.00112	.005	.00088	.0643	6.6198
%RSD	5.6264	.1122	.52214	4.7384	.24997
#1	.01982	4.513	-.16944	1.4132	-2651.3
#2	.01894	4.519	-.16937	1.3711	-2652.7
#3	.02117	4.523	-.16788	1.2869	-2640.6
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.5	45509.	6423.7	34.612	3575.7
Stddev	9.1	65.	34.9	1.122	6.4
%RSD	.22067	.14330	.54386	3.2428	.17863
#1	4120.7	45443.	6400.0	33.345	3578.6
#2	4137.8	45511.	6407.2	35.482	3580.2
#3	4123.8	45574.	6463.8	35.009	3568.4

Sample Name: K1915-01 Acquired: 3/15/2019 13:39:29 Type: Unk

Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: SPDES-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	-.00058	-.00449	.02327	.00014	-.00290	.04830	.23002	.00010
Stddev	.00400	.00338	.00154	.00280	.00127	.02871	.00599	.00007
%RSD	685.08	75.214	6.6202	1980.9	43.569	59.437	2.6056	66.068
#1	-.00425	-.00059	.02505	-.00292	-.00173	.02068	.23104	.00003
#2	-.00119	-.00639	.02228	.00077	-.00424	.07799	.23543	.00015
#3	.00369	-.00649	.02249	.00258	-.00274	.04623	.22358	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00026	389.24	-.00073	-.00066	.00159	-.01634	.26001	102.02
Stddev	.00006	2.05	.00041	.00013	.00067	.00137	.00180	.05
%RSD	23.026	.52695	55.571	20.027	42.339	8.4079	.69339	.04444
#1	-.00021	389.41	-.00097	-.00054	.00219	-.01788	.25828	101.97
#2	-.00024	387.11	-.00026	-.00063	.00086	-.01590	.25989	102.05
#3	-.00033	391.20	-.00096	-.00080	.00172	-.01524	.26187	102.05
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00735	-.00149	1432.1	.00151	.07743	44.639	.01118	.40586
Stddev	.00032	.00070	23.2	.00073	.00009	.225	.00028	.00827
%RSD	4.4166	46.980	1.6199	48.255	.12206	.50444	2.5264	2.0371
#1	.00771	-.00192	1458.8	.00123	.07753	44.709	.01116	.41016
#2	.00727	-.00186	1417.8	.00234	.07734	44.387	.01147	.39633
#3	.00707	-.00068	1419.6	.00096	.07743	44.820	.01091	.41110
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.640	F 18.715	-.00498	-.01474	.07039	.0031	2.8072	6.6998
Stddev	.034	.098	.00079	.00172	.00273	.0003	.0129	.0873
%RSD	.18078	.52314	15.944	11.641	3.8802	9.754	.45836	1.3026
#1	18.608	18.782	-.00470	-.01312	.06785	.0029	2.8117	6.6464
#2	18.636	18.603	-.00587	-.01457	.07005	.0029	2.7927	6.6523
#3	18.675	18.761	-.00436	-.01654	.07328	.0034	2.8171	6.8005

Sample Name: K1915-01 Acquired: 3/15/2019 13:39:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SPDES-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.318
Stddev	3.119
%RSD	4.4357

#1	67.936
#2	73.849
#3	69.170

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.1	33773.	5264.3	33.219	2829.3
Stddev	6.8	178.	21.6	1.664	6.8
%RSD	.21810	.52848	.40940	5.0083	.23874

#1	3113.9	33956.	5256.9	33.154	2836.3
#2	3116.0	33763.	5288.5	34.915	2828.8
#3	3103.4	33600.	5247.3	31.589	2822.8

Sample Name: CCV02 Acquired: 3/15/2019 13:52:23 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1689	5.0160	5.0808	5.1125	5.1834	10.251	9.6000	.25570
Stddev	.0070	.0017	.0048	.0044	.0074	.073	.0439	.00090
%RSD	.13522	.03448	.09476	.08660	.14223	.71074	.45706	.35070
#1	5.1626	5.0141	5.0855	5.1164	5.1840	10.312	9.6329	.25641
#2	5.1764	5.0165	5.0759	5.1077	5.1758	10.170	9.6169	.25601
#3	5.1677	5.0174	5.0810	5.1135	5.1906	10.271	9.5502	.25470
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5556	24.367	1.0252	2.5418	1.2686	4.8923	2.5593	24.934
Stddev	.0012	.191	.0015	.0031	.0018	.0164	.0019	.254
%RSD	.04814	.78220	.14820	.12070	.14480	.33437	.07391	1.0204
#1	2.5542	24.168	1.0252	2.5400	1.2672	4.8860	2.5615	24.727
#2	2.5561	24.385	1.0237	2.5453	1.2707	4.9109	2.5584	24.858
#3	2.5564	24.548	1.0268	2.5400	1.2679	4.8801	2.5580	25.218
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4327	1.3139	23.983	2.4065	2.5699	23.607	4.9257	4.5949
Stddev	.0051	.0047	.128	.0008	.0013	.130	.0013	.0092
%RSD	.21088	.35822	.53331	.03495	.04902	.55081	.02695	.19914
#1	2.4293	1.3188	24.110	2.4075	2.5698	23.651	4.9268	4.5843
#2	2.4386	1.3095	23.983	2.4060	2.5712	23.709	4.9261	4.5994
#3	2.4301	1.3133	23.855	2.4061	2.5687	23.460	4.9243	4.6008
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9227	4.7958	4.8041	4.9930	4.8283	4.973	5.0201	4.6372
Stddev	.0208	.0131	.0066	.0313	.0152	.002	.0193	.0656
%RSD	.42170	.27396	.13816	.62666	.31444	.0357	.38508	1.4137
#1	4.9300	4.7810	4.8076	4.9705	4.8410	4.971	5.0292	4.7123
#2	4.9389	4.8061	4.8083	4.9797	4.8324	4.973	5.0332	4.5911
#3	4.8993	4.8004	4.7965	5.0287	4.8115	4.975	4.9979	4.6083

Sample Name: CCV02 Acquired: 3/15/2019 13:52:23 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14682 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0330
Stddev	3.5080
%RSD	339.60

#1	-1.8740
#2	4.9295
#3	.04353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.7	39661.	5513.7	33.886	3470.3
Stddev	5.4	132.	24.1	1.920	5.9
%RSD	.15057	.33194	.43635	5.6666	.17037

#1	3560.7	39519.	5516.8	36.034	3470.2
#2	3557.0	39779.	5488.2	33.287	3464.4
#3	3567.5	39686.	5536.0	32.337	3476.2

Sample Name: CCB02 Acquired: 3/15/2019 13:56:22 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.00037	F .00305	.00122	.00202	-.00377	-.03261
Stddev	.00292	.00035	.00057	.00235	.00090	.00895	.00119
%RSD	143.63	93.944	18.579	191.68	44.603	237.48	3.6598

#1	-.00224	.00003	.00321	.00389	.00146	-.01237	-.03358
#2	-.00484	.00035	.00352	.00032	.00153	-.00443	-.03298
#3	.00098	.00073	.00242	-.00054	.00305	.00550	-.03128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00005	.00885	-.00023	-.00011	.00002	-.00369
Stddev	.00003	.00005	.00624	.00039	.00008	.00028	.00176
%RSD	44.359	102.61	70.533	168.72	76.982	1714.9	47.726

#1	.00003	-.00001	.01605	-.00004	-.00004	-.00008	-.00196
#2	.00007	.00008	.00512	.00002	-.00009	.00033	-.00547
#3	.00008	.00007	.00538	-.00068	-.00020	-.00021	-.00363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.02812	.00040	.00052	-.27523	.00017	-.00066
Stddev	.00002	.03069	.00027	.00032	.01240	.00052	.00004
%RSD	96.078	109.12	67.446	60.782	4.5065	311.79	6.1764

#1	-.00002	-.02410	.00024	.00056	-.26227	.00070	-.00062
#2	-.00003	.00036	.00025	.00019	-.28698	.00016	-.00069
#3	.00000	-.06062	.00070	.00082	-.27643	-.00035	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.72359	.00010	-.00198	F -.02675	.00244	-.00224	-.00005
Stddev	.02889	.00046	.00650	.00735	.00277	.00069	.00094
%RSD	3.9932	480.84	328.15	27.469	113.53	30.863	2052.9

#1	-.74930	.00061	.00525	-.03261	-.00073	-.00170	-.00079
#2	-.72916	-.00004	-.00734	-.01850	.00439	-.00302	-.00037
#3	-.69232	-.00028	-.00386	-.02913	.00368	-.00201	.00102

Sample Name: CCB02 Acquired: 3/15/2019 13:56:22 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14682 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00718	-0.0030	.00003	F 3.7686	F<.00000
Stddev	.00186	.0007	.00009	.1274	2.4651
%RSD	25.841	21.87	271.91	3.3803	213.10

#1	-0.00693	-0.0036	.00011	3.9068	1.4671
#2	-0.00915	-0.0031	-0.00007	3.7429	-1.5132
#3	-0.00546	-0.0023	.00006	3.6560	-3.4243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.2	41494.	5589.4	34.378	3842.1
Stddev	1.0	62.	27.3	1.643	5.5
%RSD	.02686	.15002	.48845	4.7801	.14267

#1	3725.2	41441.	5581.9	33.925	3842.3
#2	3723.9	41478.	5619.6	36.200	3836.5
#3	3723.3	41563.	5566.6	33.008	3847.5

Sample Name: K1905-05 Acquired: 3/15/2019 14:06:07 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04792	-.01479	.49710	.00330	-.00496	114.26	.49095
Stddev	.00198	.00076	.00084	.00159	.00202	.58	.00445
%RSD	4.1216	5.1233	.16917	48.222	40.822	.50818	.90664

#1	.04898	-.01536	.49800	.00272	-.00677	114.88	.48585
#2	.04914	-.01507	.49633	.00510	-.00277	113.74	.49405
#3	.04564	-.01393	.49698	.00208	-.00533	114.15	.49294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	-.00248	9.3613	.17513	.03798	.13924	125.06
Stddev	.00003	.00005	.0255	.00085	.00031	.00128	.64
%RSD	.55407	2.1500	.27214	.48555	.82768	.91665	.51555

#1	.00624	-.00244	9.3371	.17495	.03800	.13878	124.31
#2	.00630	-.00254	9.3879	.17437	.03765	.14068	125.36
#3	.00630	-.00247	9.3590	.17605	.03828	.13825	125.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63124	7.8643	.06917	-.00683	1.8012	.21948	.94664
Stddev	.00159	.1023	.00036	.00039	.0188	.00049	.00560
%RSD	.25115	1.3004	.52478	5.7828	1.0448	.22293	.59106

#1	.62946	7.8631	.06896	-.00699	1.7941	.21928	.94786
#2	.63249	7.7626	.06895	-.00712	1.7870	.22003	.94054
#3	.63178	7.9671	.06958	-.00638	1.8226	.21911	.95153

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1566	.00252	-.04070	1.4491	2.8806	.01396	.81606
Stddev	.0152	.00053	.00404	.0119	.0409	.00043	.00511
%RSD	.29432	21.009	9.9345	.81819	1.4211	3.0534	.62610

#1	5.1466	.00215	-.03614	1.4588	2.8351	.01355	.82093
#2	5.1492	.00229	-.04210	1.4526	2.9144	.01440	.81651
#3	5.1741	.00312	-.04385	1.4359	2.8924	.01391	.81074

Sample Name: K1905-05 Acquired: 3/15/2019 14:06:07 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03282	3.475	-.04180	2.7772	F<.00000
Stddev	.00065	.013	.00033	.0665	8.1326
%RSD	1.9905	.3614	.78328	2.3961	.67423
#1	.03213	3.473	-.04151	2.8479	-1203.6
#2	.03342	3.464	-.04174	2.7158	-1199.7
#3	.03292	3.489	-.04215	2.7680	-1215.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.9	42735.	6028.5	35.797	3660.7
Stddev	3.0	110.	32.6	1.231	21.7
%RSD	.07772	.25672	.54080	3.4386	.59333
#1	3858.0	42609.	6066.0	34.703	3652.3
#2	3852.5	42811.	6012.8	35.557	3685.3
#3	3857.2	42785.	6006.7	37.130	3644.4

Sample Name: PB117943BL Acquired: 3/15/2019 14:10:39 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117943BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00175	.00010	.00187	.00008	-.00200	.00837	-.03112
Stddev	.00214	.00095	.00073	.00269	.00106	.00265	.00212
%RSD	121.76	1003.1	39.076	3518.7	52.730	31.669	6.8021

#1	-.00310	.00120	.00242	.00214	-.00205	.00542	-.02879
#2	-.00288	-.00044	.00214	-.00297	-.00093	.01056	-.03293
#3	.00071	-.00048	.00104	.00106	-.00304	.00913	-.03163

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00006	.00469	-.00005	-.00014	-.00028	-.00182
Stddev	.00003	.00012	.00834	.00004	.00011	.00031	.00107
%RSD	159.32	221.37	177.98	79.804	81.247	110.42	58.864

#1	-.00006	-.00019	-.00380	-.00001	-.00001	-.00008	-.00093
#2	.00000	.00006	.00499	-.00006	-.00022	-.00012	-.00153
#3	-.00001	-.00003	.01287	-.00009	-.00017	-.00065	-.00301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01091	.00032	.00024	-.39808	-.00036	-.00079
Stddev	.00007	.02924	.00045	.00041	.00634	.00004	.00012
%RSD	162.33	268.07	141.98	169.76	1.5921	11.339	15.384

#1	.00002	-.01831	.00000	-.00018	-.39724	-.00035	-.00065
#2	-.00012	-.03574	.00083	.00063	-.40479	-.00040	-.00087
#3	-.00003	.02132	.00012	.00027	-.39220	-.00032	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.75814	-.00044	-.00315	F -.01977	.00110	-.00279	-.00028
Stddev	.01152	.00014	.00819	.00579	.00175	.00117	.00086
%RSD	1.5190	30.789	259.95	29.306	159.20	42.042	306.51

#1	-.75917	-.00031	-.00050	-.02043	-.00082	-.00188	.00044
#2	-.74615	-.00058	-.01233	-.02520	.00150	-.00237	-.00005
#3	-.76911	-.00044	.00338	-.01367	.00261	-.00411	-.00124

Sample Name: PB117943BL Acquired: 3/15/2019 14:10:39 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117943BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01184	-.0043	.00006	F 3.7448	F<.00000
Stddev	.00215	.0003	.00003	.0440	2.6901
%RSD	18.162	6.046	61.542	1.1761	254.14
#1	-.00999	-.0042	.00002	3.7025	2.0325
#2	-.01420	-.0040	.00009	3.7415	-2.8702
#3	-.01134	-.0045	.00006	3.7904	-2.3378
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.8	41544.	5576.4	33.964	3856.1
Stddev	2.2	100.	39.7	1.740	4.3
%RSD	.05867	.24087	.71235	5.1216	.11143
#1	3719.4	41538.	5533.4	32.058	3858.7
#2	3719.6	41647.	5584.3	34.367	3851.1
#3	3723.3	41447.	5611.6	35.467	3858.5

Sample Name: PB117943BS Acquired: 3/15/2019 14:15:08 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117943BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78978	1.9746	.97689	1.9485	.80899	2.0077	.16002
Stddev	.00091	.0055	.00345	.0068	.00307	.0144	.00505
%RSD	.11527	.27606	.35284	.34805	.37931	.71845	3.1574

#1	.78981	1.9708	.97305	1.9547	.81180	2.0002	.16311
#2	.79068	1.9722	.97791	1.9413	.80572	1.9986	.16277
#3	.78886	1.9809	.97971	1.9494	.80944	2.0244	.15419

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19518	.18854	1.0120	.41822	.20238	.31564	3.1101
Stddev	.00073	.00072	.0108	.00052	.00112	.00064	.0154
%RSD	.37246	.38269	1.0641	.12451	.55450	.20323	.49502

#1	.19512	.18772	1.0006	.41856	.20118	.31636	3.1126
#2	.19449	.18905	1.0133	.41848	.20255	.31545	3.0936
#3	.19594	.18886	1.0220	.41762	.20341	.31512	3.1241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21231	2.0273	.48408	.07562	2.4113	.29174	.19692
Stddev	.00044	.0272	.00099	.00075	.0315	.00113	.00090
%RSD	.20736	1.3430	.20419	.99255	1.3079	.38802	.45563

#1	.21277	2.0324	.48390	.07636	2.3812	.29046	.19589
#2	.21226	1.9979	.48515	.07486	2.4087	.29215	.19756
#3	.21190	2.0516	.48320	.07564	2.4441	.29262	.19729

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9603	.40172	.25959	F -.02071	.92114	.65604	.20229
Stddev	.0859	.00083	.00101	.01275	.01585	.00272	.00086
%RSD	.95895	.20656	.39047	61.574	1.7208	.41472	.42400

#1	8.8811	.40236	.26071	-.03517	.92950	.65299	.20311
#2	8.9482	.40078	.25875	-.01583	.90286	.65820	.20140
#3	9.0516	.40201	.25930	-.01112	.93106	.65694	.20236

Sample Name: PB117943BS Acquired: 3/15/2019 14:15:08 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB117943BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18166	5.247	.20108	F 3.6889	F<.00000
Stddev	.00253	.026	.00085	.0852	2.7907
%RSD	1.3903	.4893	.42492	2.3083	4.8271
#1	.18389	5.218	.20011	3.6959	-61.022
#2	.17892	5.259	.20138	3.7704	-55.946
#3	.18217	5.265	.20174	3.6005	-56.473
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.6	41841.	5634.3	35.497	3818.9
Stddev	11.3	68.	28.7	1.297	15.8
%RSD	.30489	.16301	.50960	3.6540	.41249
#1	3689.2	41763.	5614.0	36.042	3836.5
#2	3711.2	41872.	5667.1	36.433	3806.1
#3	3704.4	41888.	5621.7	34.017	3814.1

Sample Name: K1905-07 Acquired: 3/15/2019 14:19:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3483 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25630	-.01820	2.1125	-.00284	-.00389	93.767	.40637
Stddev	.00359	.00084	.0086	.00256	.00016	.711	.00179
%RSD	1.4008	4.6418	.40550	90.220	4.2218	.75796	.43937

#1	.26015	-.01884	2.1220	-.00044	-.00401	93.082	.40671
#2	.25304	-.01851	2.1101	-.00254	-.00396	94.501	.40444
#3	.25572	-.01724	2.1054	-.00554	-.00370	93.718	.40796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	-.00155	13.048	.13748	.04793	.32658	171.82
Stddev	.00012	.00039	.041	.00033	.00024	.00115	.94
%RSD	1.8078	24.916	.31510	.23801	.49386	.35182	.54912

#1	.00630	-.00189	13.052	.13712	.04792	.32526	172.89
#2	.00651	-.00113	13.087	.13756	.04817	.32738	171.12
#3	.00631	-.00161	13.005	.13776	.04770	.32710	171.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95791	10.244	.06266	-.01141	2.2548	.27743	1.4453
Stddev	.00211	.041	.00073	.00008	.0096	.00053	.0027
%RSD	.21985	.39968	1.1683	.74126	.42617	.19005	.18867

#1	.95726	10.232	.06284	-.01135	2.2609	.27764	1.4461
#2	.96026	10.290	.06329	-.01137	2.2438	.27783	1.4474
#3	.95621	10.211	.06185	-.01151	2.2599	.27684	1.4422

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8328	.00096	-.07567	8.7290	3.1534	1.2199	.89255
Stddev	.0578	.00017	.00678	.0304	.0468	.0040	.00221
%RSD	1.5079	17.967	8.9601	.34785	1.4836	.32571	.24773

#1	3.8854	.00109	-.06845	8.7305	3.1816	1.2243	.89294
#2	3.7709	.00103	-.08190	8.7586	3.1792	1.2188	.89017
#3	3.8420	.00076	-.07667	8.6979	3.0994	1.2165	.89454

Sample Name: K1905-07 Acquired: 3/15/2019 14:19:15 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3483 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02362	3.316	-.10632	2.0018	F<.00000
Stddev	.00122	.013	.00097	.1898	9.1895
%RSD	5.1786	.3883	.91350	9.4816	.49740

#1	.02474	3.325	-.10742	1.8129	-1857.4
#2	.02231	3.323	-.10559	2.1925	-1845.9
#3	.02382	3.302	-.10594	2.0001	-1839.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.6	44368.	6244.7	35.657	3613.3
Stddev	5.4	157.	14.4	1.275	9.4
%RSD	.13674	.35335	.23121	3.5766	.26005

#1	3959.3	44448.	6230.1	36.462	3603.1
#2	3969.7	44187.	6245.0	36.321	3615.3
#3	3961.7	44467.	6259.0	34.186	3621.6

Sample Name: K1906-01 Acquired: 3/15/2019 14:23:34 Type: Unk
Method: P4-ICP2(v2948) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.03138	-.00203	-.00175	-.00436	113.81	.05251
Stddev	.00297	.00124	.00081	.00514	.00160	.39	.00079
%RSD	708.40	3.9379	39.751	293.57	36.768	.34548	1.5084

#1	-.00294	-.03278	-.00232	-.00766	-.00584	113.48	.05306
#2	.00147	-.03045	-.00112	.00075	-.00459	113.70	.05160
#3	.00273	-.03091	-.00266	.00166	-.00266	114.24	.05287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00239	65.922	.29399	.06426	.77149	68.204
Stddev	.00004	.00016	.216	.00207	.00045	.00190	.083
%RSD	5.7784	6.8418	.32794	.70347	.69281	.24640	.12222

#1	.00067	-.00230	65.774	.29402	.06400	.76957	68.132
#2	.00065	-.00229	65.821	.29605	.06477	.77154	68.185
#3	.00073	-.00258	66.170	.29191	.06400	.77337	68.295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43013	44.004	.16920	-.00399	11.413	.13971	.09628
Stddev	.00153	.108	.00061	.00024	.073	.00184	.00032
%RSD	.35640	.24634	.35863	5.9060	.63548	1.3194	.33512

#1	.42894	44.000	.16956	-.00378	11.363	.14006	.09665
#2	.43186	44.115	.16850	-.00394	11.380	.14135	.09614
#3	.42958	43.899	.16953	-.00424	11.496	.13772	.09604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5094	.00083	-.01793	1.0047	.96175	.00342	1.9457
Stddev	.0198	.00010	.01188	.0119	.02967	.00063	.0035
%RSD	.43927	11.633	66.253	1.1888	3.0851	18.343	.17961

#1	4.5012	.00090	-.02792	1.0151	.94648	.00288	1.9417
#2	4.4950	.00072	-.02106	.99167	.94282	.00327	1.9481
#3	4.5320	.00087	-.00480	1.0074	.99594	.00410	1.9473

Sample Name: K1906-01 Acquired: 3/15/2019 14:23:34 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05670	3.979	.14783	3.9409	F<.00000
Stddev	.00054	.007	.00033	.0946	1.7426
%RSD	.95131	.1649	.22352	2.3997	.29259
#1	.05728	3.976	.14788	3.8494	-596.36
#2	.05620	3.986	.14748	3.9349	-596.83
#3	.05664	3.973	.14814	4.0383	-593.60
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.6	40623.	5738.6	35.225	3529.3
Stddev	5.2	32.	8.9	1.123	4.7
%RSD	.14321	.07787	.15438	3.1894	.13360
#1	3645.6	40648.	5740.6	34.568	3528.4
#2	3636.5	40588.	5746.2	34.583	3525.1
#3	3636.7	40634.	5728.9	36.522	3534.4

Sample Name: K1911-01 Acquired: 3/15/2019 14:27:49 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02027	-.01445	.11962	-.00467	-.00341	197.02	.55062
Stddev	.00149	.00093	.00167	.00038	.00168	.69	.00574
%RSD	7.3274	6.4529	1.3987	8.1500	49.306	.34788	1.0423

#1	.01856	-.01401	.11780	-.00484	-.00153	196.41	.55715
#2	.02116	-.01382	.11995	-.00424	-.00390	196.90	.54637
#3	.02110	-.01552	.12110	-.00494	-.00478	197.76	.54836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00483	-.00268	1.4528	.15689	.02532	.07880	84.710
Stddev	.00007	.00004	.0097	.00038	.00025	.00033	.625
%RSD	1.4896	1.4314	.66906	.23990	1.0047	.41669	.73754

#1	.00480	-.00266	1.4568	.15697	.02561	.07917	85.420
#2	.00492	-.00272	1.4417	.15648	.02514	.07855	84.470
#3	.00478	-.00265	1.4598	.15722	.02520	.07868	84.241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39365	8.6013	.08217	-.00436	2.6838	.21163	.27978
Stddev	.00125	.1040	.00045	.00020	.0047	.00136	.00098
%RSD	.31665	1.2087	.54890	4.6241	.17505	.64323	.35020

#1	.39411	8.5216	.08266	-.00414	2.6821	.21316	.28070
#2	.39224	8.5634	.08178	-.00453	2.6802	.21056	.27875
#3	.39460	8.7189	.08206	-.00442	2.6891	.21117	.27989

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6850	.00198	-.03437	.88621	3.3441	.01190	.78662
Stddev	.0356	.00059	.00070	.01551	.0053	.00116	.00105
%RSD	1.3274	29.712	2.0451	1.7498	.16005	9.7608	.13309

#1	2.6909	.00243	-.03364	.86873	3.3415	.01182	.78783
#2	2.7174	.00218	-.03504	.89830	3.3502	.01079	.78607
#3	2.6468	.00131	-.03444	.89160	3.3405	.01311	.78597

Sample Name: K1911-01 Acquired: 3/15/2019 14:27:49 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05096	1.584	-.06902	3.0798	F<.00000
Stddev	.00056	.004	.00067	.0723	3.8146
%RSD	1.1038	.2771	.96442	2.3467	.47544

#1	.05116	1.588	-.06978	3.0421	-806.23
#2	.05033	1.579	-.06876	3.0342	-798.60
#3	.05141	1.585	-.06852	3.1631	-802.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.9	42753.	6094.8	36.587	3629.0
Stddev	8.7	173.	43.8	1.363	2.0
%RSD	.22669	.40368	.71899	3.7243	.05616

#1	3862.2	42758.	6044.2	36.196	3630.4
#2	3861.6	42924.	6121.0	38.103	3630.0
#3	3846.8	42579.	6119.3	35.463	3626.7

Sample Name: K1911-04 Acquired: 3/15/2019 14:32:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02861	-.05809	.17126	-.25420	-.04265	172.58	.72567
Stddev	.00249	.00367	.00077	.00966	.00253	.79	.00648
%RSD	8.7032	6.3114	.45103	3.7992	5.9311	.45738	.89276

#1	.02674	-.06123	.17037	-.24529	-.04553	171.78	.72839
#2	.03144	-.05896	.17170	-.25285	-.04082	172.61	.73034
#3	.02765	-.05406	.17171	-.26446	-.04158	173.36	.71827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04091	.03759	9.2731	.41252	.05100	.27699	517.27
Stddev	.00005	.00126	.1015	.00157	.00027	.00218	7.79
%RSD	.13022	3.3582	1.0940	.38032	.52070	.78666	1.5055

#1	.04085	.03644	9.3069	.41243	.05120	.27575	522.24
#2	.04095	.03740	9.3534	.41100	.05109	.27572	521.28
#3	.04094	.03894	9.1591	.41413	.05070	.27951	508.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71389	9.0171	.10422	-.09865	11.343	.45482	.65159
Stddev	.00020	.0620	.00157	.00088	.148	.00197	.00123
%RSD	.02832	.68762	1.5031	.89273	1.3018	.43262	.18876

#1	.71369	9.0771	.10522	-.09955	11.473	.45682	.65050
#2	.71388	9.0209	.10502	-.09780	11.374	.45289	.65292
#3	.71410	8.9533	.10241	-.09860	11.183	.45474	.65135

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7124	-.00425	-.99338	3.1562	2.1273	.01718	.54066
Stddev	.0342	.00040	.00982	.0183	.0247	.00115	.00401
%RSD	.50885	9.3140	.98828	.58035	1.1623	6.6842	.74114

#1	6.7498	-.00400	-.98459	3.1518	2.1462	.01834	.54336
#2	6.7048	-.00471	-.99159	3.1763	2.1362	.01717	.54256
#3	6.6827	-.00404	-1.0040	3.1404	2.0993	.01604	.53605

Sample Name: K1911-04 Acquired: 3/15/2019 14:32:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05732	F 11.66	-.47329	<.00000	F<.00000
Stddev	.00230	.06	.00852	.15435	44.189
%RSD	4.0214	.4946	1.8001	5.0346	.39219

#1	.05799	11.68	-.47867	-3.2328	-11274.
#2	.05921	11.71	-.47774	-2.9283	-11220.
#3	.05475	11.60	-.46347	-3.0363	-11307.

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4150.4	46207.	6659.2	35.651	3233.2
Stddev	8.5	21.	88.1	.724	10.2
%RSD	.20415	.04456	1.3227	2.0295	.31441

#1	4155.8	46230.	6588.2	36.247	3230.1
#2	4140.6	46189.	6631.5	34.846	3225.0
#3	4154.8	46202.	6757.8	35.859	3244.6

Sample Name: K1914-01 Acquired: 3/15/2019 14:36:40 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02097	-.24627	-.01681	-.11009	-.01967	191.51	.38499
Stddev	.00568	.00187	.00132	.00084	.00125	.85	.00378
%RSD	27.107	.75730	7.8613	.76037	6.3548	.44189	.98308

#1	.01486	-.24771	-.01695	-.11064	-.02083	192.09	.38423
#2	.02195	-.24694	-.01542	-.10913	-.01835	190.54	.38165
#3	.02610	-.24416	-.01805	-.11050	-.01983	191.91	.38910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01347	.01282	1312.1	.12508	.22286	1.3980	299.90
Stddev	.00038	.00018	5.4	.00073	.00015	.0032	.61
%RSD	2.8332	1.3738	.41105	.58708	.06520	.22798	.20344

#1	.01386	.01273	1318.2	.12586	.22270	1.3947	300.43
#2	.01345	.01272	1307.9	.12440	.22299	1.4011	300.02
#3	.01310	.01303	1310.2	.12499	.22288	1.3984	299.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2523	101.30	.15214	-.05346	1.1958	2.4735	.83853
Stddev	.0012	.20	.00054	.00022	.0061	.0075	.00217
%RSD	.02745	.19540	.35274	.41455	.50707	.30127	.25892

#1	4.2510	101.30	.15152	-.05369	1.2015	2.4792	.84091
#2	4.2526	101.11	.15247	-.05345	1.1966	2.4763	.83666
#3	4.2533	101.50	.15244	-.05324	1.1894	2.4651	.83802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6214	-.00032	-.18906	F 31.946	.73433	.01485	F 14.084
Stddev	.0110	.00042	.00782	.101	.01023	.00053	.048
%RSD	.23715	130.02	4.1360	.31655	1.3937	3.5798	.33791

#1	4.6340	.00016	-.18052	32.032	.72898	.01424	14.133
#2	4.6140	-.00053	-.19080	31.835	.72787	.01506	14.039
#3	4.6162	-.00060	-.19586	31.972	.74613	.01524	14.079

Sample Name: K1914-01 Acquired: 3/15/2019 14:36:40 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONCRETE-PIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39202	F 13.51	6.2351	2.7036	F<.00000
Stddev	.00218	.04	.0373	.0822	13.003
%RSD	.55677	.2848	.59754	3.0408	.31084
#1	.39018	13.55	6.2431	2.7070	-4181.7
#2	.39443	13.50	6.2676	2.7841	-4196.9
#3	.39144	13.48	6.1945	2.6198	-4171.0
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.6	38948.	5980.8	31.257	2821.7
Stddev	1.6	21.	3.0	2.087	8.3
%RSD	.04582	.05376	.04951	6.6757	.29288
#1	3424.2	38961.	5981.9	28.983	2812.4
#2	3421.9	38958.	5977.5	33.084	2824.3
#3	3424.8	38924.	5983.1	31.705	2828.3

Sample Name: K1921-01 Acquired: 3/15/2019 14:41:21 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 282-346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05657	-.03337	1.6798	-.00433	-.00429	90.854	.67046
Stddev	.00072	.00137	.0018	.00376	.00131	.620	.00267
%RSD	1.2642	4.1084	.10566	86.820	30.664	.68227	.39774

#1	.05642	-.03495	1.6818	-.00035	-.00544	91.501	.67257
#2	.05734	-.03258	1.6786	-.00782	-.00286	90.265	.66747
#3	.05594	-.03257	1.6788	-.00482	-.00456	90.797	.67135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00820	.00172	26.490	.76743	.09162	.59617	167.99
Stddev	.00007	.00029	.180	.00162	.00027	.00224	.50
%RSD	.89896	16.668	.67875	.21076	.29530	.37521	.29837

#1	.00817	.00159	26.666	.76680	.09162	.59365	168.57
#2	.00815	.00205	26.306	.76623	.09188	.59690	167.68
#3	.00829	.00153	26.497	.76927	.09134	.59794	167.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5368	29.542	.19017	-.01132	2.0882	.37240	2.8683
Stddev	.0084	.101	.00050	.00026	.0123	.00148	.0039
%RSD	.33300	.34294	.26063	2.2922	.58884	.39705	.13753

#1	2.5411	29.630	.18995	-.01136	2.0761	.37109	2.8638
#2	2.5270	29.431	.18982	-.01104	2.0877	.37211	2.8713
#3	2.5422	29.566	.19074	-.01156	2.1007	.37401	2.8698

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2753	.00659	-.07742	4.0990	3.6400	.08452	1.6077
Stddev	.0207	.00035	.00888	.0261	.0416	.00029	.0049
%RSD	.32985	5.3252	11.468	.63576	1.1427	.34341	.30159

#1	6.2990	.00623	-.06843	4.0727	3.6809	.08468	1.6080
#2	6.2667	.00661	-.07766	4.1248	3.6413	.08418	1.6027
#3	6.2604	.00693	-.08618	4.0996	3.5978	.08469	1.6123

Sample Name: K1921-01 Acquired: 3/15/2019 14:41:21 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 282-346 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09103	3.959	-.01878	1.7419	F<.00000
Stddev	.00040	.012	.00035	.1482	6.1424
%RSD	.44411	.2910	1.8867	8.5088	.31631
#1	.09093	3.947	-.01908	1.9117	-1945.2
#2	.09068	3.970	-.01886	1.6385	-1945.8
#3	.09147	3.958	-.01839	1.6754	-1934.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3995.2	45132.	6413.8	35.261	3540.6
Stddev	10.2	136.	6.8	.197	4.2
%RSD	.25552	.30052	.10566	.55780	.11893
#1	4003.1	45009.	6414.9	35.474	3541.8
#2	3983.7	45277.	6406.5	35.087	3536.0
#3	3998.9	45109.	6419.9	35.221	3544.2

Sample Name: K1922-01 Acquired: 3/15/2019 14:45:39 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ORG-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.04161	.27542	-.01083	-.01190	132.86	1.1161
Stddev	.00201	.00217	.00465	.00233	.00135	.29	.0157
%RSD	51.566	5.2138	1.6888	21.563	11.359	.21788	1.4078

#1	.00160	-.04370	.27855	-.01029	-.01247	132.98	1.1303
#2	.00533	-.03937	.27764	-.01338	-.01036	132.53	1.0992
#3	.00479	-.04176	.27008	-.00880	-.01287	133.08	1.1188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01199	.00013	46.650	.19277	.13147	.47697	192.02
Stddev	.00038	.00051	.400	.00122	.00156	.00068	2.27
%RSD	3.1977	382.52	.85787	.63087	1.1869	.14280	1.1841

#1	.01172	-.00024	47.041	.19264	.13229	.47665	193.56
#2	.01242	.00072	46.241	.19162	.13245	.47775	189.41
#3	.01181	-.00007	46.668	.19405	.12967	.47651	193.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1409	51.318	.23906	-.01448	1.9049	.24525	.87280
Stddev	.0024	.594	.00174	.00016	.0320	.00023	.00399
%RSD	.04587	1.1575	.72990	1.1063	1.6792	.09194	.45668

#1	5.1406	51.680	.24072	-.01431	1.9334	.24538	.87576
#2	5.1387	50.632	.23923	-.01463	1.8703	.24499	.87436
#3	5.1434	51.641	.23724	-.01451	1.9110	.24538	.86827

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.327	-.00147	-.01629	2.7205	5.0330	.01267	2.0284
Stddev	.173	.00031	.00247	.0331	.0927	.00074	.0074
%RSD	1.5282	21.085	15.164	1.2155	1.8417	5.8083	.36684

#1	11.503	-.00118	-.01345	2.7442	5.1028	.01306	2.0369
#2	11.157	-.00143	-.01789	2.7345	4.9278	.01313	2.0250
#3	11.323	-.00180	-.01754	2.6827	5.0684	.01182	2.0233

Sample Name: K1922-01 Acquired: 3/15/2019 14:45:39 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ORG-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17989	6.069	.06288	1.1843	F<.00000
Stddev	.00142	.031	.00138	.0373	9.4227
%RSD	.78928	.5119	2.2003	3.1533	.39203
#1	.17914	6.088	.06440	1.2088	-2398.6
#2	.17900	6.086	.06256	1.1413	-2397.6
#3	.18152	6.034	.06169	1.2028	-2414.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.1	46294.	6660.7	34.225	3445.9
Stddev	6.8	67.	77.0	.448	17.5
%RSD	.16488	.14407	1.1560	1.3077	.50766
#1	4098.8	46315.	6596.4	33.713	3429.4
#2	4099.6	46347.	6746.0	34.416	3443.9
#3	4110.9	46219.	6639.6	34.545	3464.3

Sample Name: CCV03 Acquired: 3/15/2019 14:50:05 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1457	4.9713	5.0104	5.0826	5.1723	10.243	9.5982	.25311
Stddev	.0029	.0124	.0129	.0065	.0074	.080	.0492	.00068
%RSD	.05737	.24925	.25725	.12846	.14279	.78179	.51281	.26757
#1	5.1434	4.9849	5.0199	5.0788	5.1807	10.182	9.6546	.25237
#2	5.1446	4.9606	5.0156	5.0902	5.1667	10.334	9.5757	.25326
#3	5.1490	4.9684	4.9957	5.0790	5.1694	10.213	9.5642	.25370
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5242	24.053	1.0125	2.5156	1.2573	4.8469	2.5364	24.684
Stddev	.0018	.056	.0030	.0026	.0013	.0312	.0042	.098
%RSD	.07054	.23203	.29491	.10384	.10067	.64327	.16399	.39743
#1	2.5243	23.989	1.0100	2.5182	1.2581	4.8660	2.5316	24.712
#2	2.5259	24.084	1.0158	2.5158	1.2558	4.8109	2.5387	24.575
#3	2.5224	24.087	1.0118	2.5130	1.2579	4.8639	2.5389	24.766
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3993	1.3104	24.595	2.3770	2.5491	23.622	4.8796	4.5436
Stddev	.0004	.0015	.150	.0058	.0031	.117	.0046	.0079
%RSD	.01823	.11255	.60900	.24562	.12053	.49736	.09507	.17394
#1	2.3997	1.3106	24.767	2.3705	2.5507	23.736	4.8776	4.5485
#2	2.3988	1.3088	24.492	2.3788	2.5509	23.501	4.8762	4.5345
#3	2.3995	1.3118	24.527	2.3818	2.5455	23.631	4.8849	4.5479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9028	4.7691	4.7398	4.9722	4.8412	4.948	5.0214	4.5364
Stddev	.0198	.0310	.0109	.0169	.0238	.006	.0128	.0345
%RSD	.40435	.64997	.23079	.33922	.49154	.1175	.25422	.76105
#1	4.8995	4.7692	4.7358	4.9754	4.8685	4.951	5.0345	4.5679
#2	4.8848	4.7381	4.7521	4.9540	4.8251	4.942	5.0091	4.5419
#3	4.9240	4.8001	4.7314	4.9873	4.8299	4.952	5.0206	4.4995

Sample Name: CCV03 Acquired: 3/15/2019 14:50:05 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .02658
Stddev 1.5399
%RSD 5793.7

#1 -.26420
#2 1.6912
#3 -1.3472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3596.5	40314.	5635.4	33.423	3515.0
Stddev	3.7	121.	33.8	1.763	2.7
%RSD	.10393	.30125	.59954	5.2762	.07569

#1	3597.5	40300.	5604.2	35.368	3515.4
#2	3599.6	40201.	5671.3	32.971	3512.2
#3	3592.3	40442.	5630.6	31.929	3517.4

Sample Name: CCB03 Acquired: 3/15/2019 14:54:04 Type: Unk
Method: P4-ICP2(v2948) 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	-.00191	.00138	-.00143	-.00173	.00151	-.03270
Stddev	.00119	.00125	.00078	.00156	.00082	.00444	.00199
%RSD	2554.3	65.609	56.292	109.22	47.607	294.02	6.0918

#1	-.00072	-.00221	.00101	-.00248	-.00233	-.00094	-.03077
#2	-.00055	-.00298	.00228	.00036	-.00079	-.00117	-.03475
#3	.00141	-.00053	.00086	-.00216	-.00206	.00663	-.03259

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00014	.00078	.00039	.00076	-.00000	-.00387
Stddev	.00005	.00012	.01175	.00057	.00164	.00050	.00078
%RSD	245.97	82.865	1506.7	145.93	216.75	34381.	20.050

#1	.00008	.00004	-.00583	-.00011	-.00027	.00057	-.00350
#2	-.00001	.00026	-.00618	.00101	-.00011	-.00031	-.00334
#3	-.00001	.00012	.01435	.00027	.00265	-.00026	-.00476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.03520	.00082	.00053	-.49419	-.00027	-.00069
Stddev	.00006	.00722	.00019	.00048	.00694	.00029	.00015
%RSD	493.56	20.505	23.699	89.236	1.4049	109.03	21.450

#1	.00001	-.03279	.00064	.00004	-.49870	-.00000	-.00054
#2	.00003	-.04331	.00079	.00058	-.48619	-.00022	-.00069
#3	-.00008	-.02949	.00103	.00099	-.49768	-.00058	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.89351	.00001	-.00151	F -.02290	.00297	-.00202	.00042
Stddev	.04740	.00018	.00682	.00447	.00206	.00019	.00010
%RSD	5.3045	1357.8	452.49	19.538	69.378	9.5169	23.149

#1	-.91692	-.00003	.00404	-.02512	.00534	-.00203	.00033
#2	-.92465	-.00014	-.00912	-.02583	.00200	-.00182	.00052
#3	-.83897	.00021	.00056	-.01775	.00158	-.00220	.00041

Sample Name: CCB03 Acquired: 3/15/2019 14:54:04 Type: Unk
Method: P4-ICP2(v2948) 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	-.00992	-.0035	.00006	F 3.4905	F<.00000
Stddev	.00087	.0017	.00004	.1204	2.3800
%RSD	8.7718	47.37	72.878	3.4487	70.160
#1	-.01041	-.0054	.00002	3.5017	-1.7793
#2	-.01044	-.0024	.00004	3.6049	-6.1258
#3	-.00892	-.0027	.00010	3.3650	-2.2718
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.9	41871.	5702.3	35.306	3875.0
Stddev	11.6	148.	9.1	1.028	8.2
%RSD	.31238	.35226	.15877	2.9114	.21057
#1	3709.2	41799.	5706.9	34.325	3873.7
#2	3715.8	41773.	5691.9	35.217	3867.6
#3	3731.8	42041.	5708.2	36.375	3883.7

Sample Name: K1924-01 Acquired: 3/15/2019 14:58:32 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04406	-.04225	.19401	-.01360	-.01040	170.75	.43910
Stddev	.00164	.00112	.00198	.00134	.00081	1.25	.00562
%RSD	3.7163	2.6512	1.0203	9.8605	7.7441	.73361	1.2803

#1	.04515	-.04330	.19628	-.01490	-.00993	169.34	.44411
#2	.04217	-.04107	.19268	-.01368	-.00994	171.13	.44017
#3	.04484	-.04236	.19306	-.01222	-.01133	171.76	.43302

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01328	.00137	18.721	.21142	.09087	.22099	184.08
Stddev	.00025	.00025	.125	.00126	.00108	.00139	1.77
%RSD	1.8676	18.176	.66593	.59396	1.1903	.63102	.96104

#1	.01354	.00130	18.776	.21091	.09205	.22257	186.09
#2	.01328	.00116	18.809	.21051	.09061	.21991	183.43
#3	.01304	.00164	18.579	.21286	.08994	.22050	182.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4787	22.176	.18339	-.01580	1.1848	.43541	.59348
Stddev	.0044	.104	.00081	.00070	.0055	.00179	.00533
%RSD	.17865	.46791	.44099	4.4079	.46364	.41034	.89758

#1	2.4748	22.267	.18432	-.01505	1.1792	.43382	.59947
#2	2.4777	22.199	.18302	-.01593	1.1850	.43734	.58928
#3	2.4835	22.063	.18283	-.01642	1.1901	.43505	.59168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1121	.00060	-.01759	1.1254	2.8071	.01707	1.7981
Stddev	.0270	.00015	.00656	.0242	.0525	.00018	.0033
%RSD	.52788	25.843	37.267	2.1497	1.8718	1.0334	.18386

#1	5.1006	.00042	-.01146	1.1475	2.8604	.01707	1.7974
#2	5.0927	.00070	-.02451	1.1290	2.8055	.01689	1.7952
#3	5.1429	.00067	-.01681	1.0996	2.7554	.01724	1.8017

Sample Name: K1924-01 Acquired: 3/15/2019 14:58:32 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06187	5.190	-.11682	<.00000	F<.00000
Stddev	.00128	.043	.00222	.22949	19.437
%RSD	2.0762	.8198	1.9045	27.818	.77517
#1	.06220	5.238	-.11933	-.86924	-2522.4
#2	.06296	5.156	-.11605	-1.0292	-2514.6
#3	.06045	5.176	-.11508	-.57661	-2485.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.4	50482.	7207.9	36.749	3499.5
Stddev	25.2	164.	62.9	.896	27.2
%RSD	.56597	.32485	.87298	2.4369	.77594
#1	4427.9	50664.	7142.4	35.994	3468.8
#2	4465.7	50437.	7213.5	37.738	3520.4
#3	4475.7	50346.	7267.9	36.514	3509.2

Sample Name: K1924-01DUP Acquired: 3/15/2019 15:03:00 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04438	-.04080	.19588	-.01311	-.01003	171.48	.44373
Stddev	.00432	.00137	.00060	.00413	.00140	.51	.00328
%RSD	9.7371	3.3665	.30455	31.465	13.926	.29802	.73971

#1	.04271	-.04141	.19582	-.01659	-.00914	171.74	.44111
#2	.04115	-.03922	.19650	-.01419	-.00931	171.80	.44741
#3	.04929	-.04175	.19531	-.00856	-.01164	170.89	.44267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01322	.00108	16.246	.20812	.09049	.21693	183.81
Stddev	.00029	.00026	.116	.00160	.00059	.00150	.90
%RSD	2.1642	24.238	.71222	.76819	.64789	.69053	.49174

#1	.01304	.00088	16.172	.20632	.08993	.21568	184.76
#2	.01355	.00098	16.187	.20865	.09110	.21859	182.95
#3	.01306	.00137	16.379	.20939	.09043	.21652	183.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3999	20.664	.18154	-.01499	1.1275	.43000	.58949
Stddev	.0098	.118	.00095	.00038	.0018	.00181	.00175
%RSD	.40828	.57309	.52582	2.5268	.16018	.42145	.29707

#1	2.3900	20.604	.18050	-.01459	1.1286	.42807	.58754
#2	2.4002	20.588	.18174	-.01502	1.1254	.43166	.59000
#3	2.4096	20.800	.18238	-.01535	1.1284	.43027	.59094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1256	.00025	-.04567	1.1234	2.9588	.01606	1.7783
Stddev	.0097	.00035	.00610	.0100	.0141	.00057	.0091
%RSD	.18848	138.47	13.354	.89330	.47708	3.5465	.51016

#1	5.1160	.00060	-.03891	1.1269	2.9507	.01555	1.7887
#2	5.1253	.00026	-.04735	1.1313	2.9751	.01667	1.7721
#3	5.1353	-.00010	-.05077	1.1121	2.9505	.01594	1.7741

Sample Name: K1924-01DUP Acquired: 3/15/2019 15:03:00 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06210	5.171	-.11812	<.00000	F<.00000
Stddev	.00017	.009	.00085	.07657	10.396
%RSD	.27915	.1768	.71996	10.045	.41711

#1	.06208	5.162	-.11903	-.74612	-2491.4
#2	.06228	5.169	-.11735	-.84568	-2482.6
#3	.06194	5.180	-.11798	-.69512	-2503.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.7	50484.	7180.3	34.454	3500.5
Stddev	4.9	57.	15.1	.700	5.4
%RSD	.11088	.11390	.21038	2.0328	.15408

#1	4452.6	50454.	7163.2	34.988	3506.6
#2	4455.3	50448.	7191.8	34.713	3498.8
#3	4462.2	50550.	7186.0	33.661	3496.2

Sample Name: K1924-01LX5 Acquired: 3/15/2019 15:07:28 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00990	-.00701	.03463	.00041	-.00439	40.363	.07765
Stddev	.00304	.00290	.00031	.00075	.00206	.084	.00131
%RSD	30.676	41.439	.90375	181.01	46.865	.20854	1.6859

#1	.00802	-.00378	.03436	.00032	-.00202	40.311	.07666
#2	.01340	-.00940	.03456	-.00028	-.00571	40.460	.07913
#3	.00827	-.00784	.03498	.00120	-.00545	40.319	.07714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	-.00186	4.3992	.05184	.01837	.05452	53.282
Stddev	.00004	.00012	.0400	.00137	.00011	.00028	.172
%RSD	1.3393	6.3397	.90829	2.6375	.60756	.50847	.32252

#1	.00284	-.00189	4.4153	.05194	.01827	.05421	53.479
#2	.00290	-.00173	4.4285	.05043	.01849	.05462	53.198
#3	.00292	-.00196	4.3537	.05316	.01835	.05474	53.167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60562	5.3935	.03745	-.00243	-.08456	.10479	.11583
Stddev	.00099	.0398	.00055	.00060	.00345	.00130	.00029
%RSD	.16318	.73743	1.4557	24.886	4.0829	1.2411	.24809

#1	.60603	5.4386	.03781	-.00275	-.08685	.10548	.11564
#2	.60450	5.3634	.03771	-.00280	-.08059	.10329	.11568
#3	.60635	5.3787	.03682	-.00173	-.08625	.10560	.11616

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52214	-.00021	.00223	.21771	.73218	.00034	.43728
Stddev	.02405	.00005	.00757	.01006	.01673	.00081	.00289
%RSD	4.6064	24.085	340.18	4.6213	2.2856	234.96	.66137

#1	.53954	-.00027	.00970	.21502	.75099	-.00052	.43821
#2	.53218	-.00017	.00241	.22884	.72664	.00108	.43404
#3	.49469	-.00019	-.00544	.20926	.71892	.00046	.43960

Sample Name: K1924-01LX5 Acquired: 3/15/2019 15:07:28 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00596	1.041	-.03779	2.7680	F<.00000
Stddev	.00150	.004	.00012	.1091	1.7093
%RSD	25.152	.3540	.30619	3.9402	.36222

#1	.00460	1.039	-.03791	2.6593	-473.86
#2	.00756	1.038	-.03768	2.8774	-470.73
#3	.00571	1.045	-.03780	2.7673	-471.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.5	43625.	5991.0	35.980	3729.9
Stddev	1.6	13.	23.3	1.450	4.3
%RSD	.04177	.02951	.38924	4.0298	.11452

#1	3853.8	43622.	5968.7	34.570	3733.5
#2	3856.9	43614.	5989.3	37.467	3731.0
#3	3855.9	43640.	6015.2	35.902	3725.2

Sample Name: K1924-01MS Acquired: 3/15/2019 15:11:49 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68946	1.9700	1.2293	1.5383	.09972	201.31	.62662
Stddev	.00186	.0078	.0031	.0146	.00129	1.03	.00291
%RSD	.26977	.39408	.25291	.95057	1.2976	.51153	.46484

#1	.68844	1.9619	1.2299	1.5546	.09826	200.48	.62390
#2	.69160	1.9774	1.2321	1.5263	.10022	202.46	.62626
#3	.68832	1.9706	1.2260	1.5339	.10070	200.98	.62969

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18184	.19948	15.767	.55646	.30702	.48756	186.14
Stddev	.00123	.00120	.032	.00438	.00034	.00191	1.46
%RSD	.67480	.60188	.20476	.78728	.10978	.39154	.78231

#1	.18282	.19900	15.758	.55146	.30677	.48975	185.76
#2	.18047	.20085	15.803	.55961	.30741	.48622	184.91
#3	.18224	.19859	15.740	.55831	.30689	.48672	187.75

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4812	23.447	.69440	.04744	3.5003	.68127	.84312
Stddev	.0033	.047	.00187	.00042	.0352	.00353	.00555
%RSD	.13426	.20100	.26940	.88219	1.0041	.51792	.65812

#1	2.4776	23.420	.69253	.04731	3.4599	.67849	.83865
#2	2.4843	23.501	.69627	.04710	3.5236	.68524	.84933
#3	2.4816	23.419	.69441	.04791	3.5174	.68008	.84138

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.122	.29222	.15844	1.1740	3.2633	.67591	2.0748
Stddev	.113	.00075	.00707	.0182	.0295	.00332	.0050
%RSD	.85952	.25704	4.4618	1.5476	.90405	.49097	.23842

#1	12.995	.29277	.15612	1.1807	3.2848	.67505	2.0771
#2	13.210	.29137	.16638	1.1534	3.2297	.67958	2.0691
#3	13.162	.29253	.15282	1.1879	3.2755	.67311	2.0781

Sample Name: K1924-01MS Acquired: 3/15/2019 15:11:49 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23301	F 10.96	.04472	<.00000	F<.00000
Stddev	.00063	.08	.00211	.06273	15.132
%RSD	.27012	.7122	4.7150	11.366	.58206

#1	.23239	10.89	.04415	-.61772	-2596.6
#2	.23301	11.05	.04706	-.49279	-2586.3
#3	.23365	10.94	.04296	-.54527	-2616.1

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.5	50814.	7251.6	34.986	3490.4
Stddev	7.8	101.	17.6	2.056	23.8
%RSD	.17267	.19794	.24263	5.8773	.68103

#1	4503.3	50928.	7267.4	35.789	3515.5
#2	4515.4	50741.	7254.9	32.650	3468.2
#3	4500.8	50771.	7232.7	36.520	3487.6

Sample Name: K1924-01MSD Acquired: 3/15/2019 15:16:08 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68777	1.9714	1.2350	1.5400	.10005	202.37	.63153
Stddev	.00745	.0144	.0049	.0021	.00083	.88	.00242
%RSD	1.0831	.72790	.39585	.13890	.82778	.43336	.38369

#1	.68086	1.9839	1.2402	1.5425	.10019	203.37	.62928
#2	.68679	1.9557	1.2305	1.5386	.10080	201.73	.63410
#3	.69566	1.9745	1.2343	1.5389	.09916	202.01	.63120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18318	.20087	15.737	.55808	.30905	.48398	186.36
Stddev	.00129	.00134	.027	.00270	.00168	.00127	.50
%RSD	.70498	.66921	.17192	.48404	.54373	.26138	.26825

#1	.18287	.20216	15.750	.55893	.31074	.48529	185.78
#2	.18207	.19947	15.755	.55506	.30738	.48277	186.65
#3	.18460	.20098	15.706	.56025	.30901	.48389	186.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4931	23.342	.69966	.04779	3.4781	.68231	.84924
Stddev	.0103	.210	.00454	.00043	.0160	.00193	.00591
%RSD	.41325	.89944	.64856	.90371	.46098	.28235	.69643

#1	2.4938	23.100	.70390	.04730	3.4840	.68119	.85504
#2	2.4825	23.480	.69488	.04799	3.4903	.68120	.84322
#3	2.5031	23.446	.70020	.04809	3.4599	.68453	.84947

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.265	.29009	.16606	1.2092	3.1610	.67554	2.0740
Stddev	.073	.00045	.00247	.0254	.0357	.00472	.0023
%RSD	.54807	.15377	1.4859	2.1013	1.1297	.69855	.11060

#1	13.310	.28991	.16400	1.2380	3.1318	.68077	2.0762
#2	13.304	.28976	.16879	1.1898	3.1505	.67162	2.0717
#3	13.181	.29059	.16538	1.1999	3.2009	.67422	2.0742

Sample Name: K1924-01MSD Acquired: 3/15/2019 15:16:08 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23185	F 11.01	.04584	<.00000	F<.00000
Stddev	.00213	.06	.00045	.23613	18.092
%RSD	.91871	.5870	.99000	41.235	.69772
#1	.23038	11.08	.04630	-.36652	-2580.9
#2	.23429	10.95	.04584	-.83027	-2584.2
#3	.23087	11.00	.04539	-.52111	-2613.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.1	50628.	7207.2	36.742	3465.0
Stddev	16.3	210.	12.9	1.480	22.6
%RSD	.36102	.41520	.17906	4.0290	.65117
#1	4487.4	50442.	7221.5	36.717	3440.8
#2	4514.0	50856.	7196.3	35.274	3485.5
#3	4517.0	50587.	7203.9	38.234	3468.7

Sample Name: K1924-01A Acquired: 3/15/2019 15:20:26 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68308	1.9665	1.2336	1.5389	.09587	202.21	.62292
Stddev	.00536	.0057	.0059	.0029	.00109	.56	.00844
%RSD	.78442	.28970	.47967	.18882	1.1417	.27455	1.3557

#1	.67929	1.9600	1.2270	1.5368	.09705	202.85	.62772
#2	.68921	1.9703	1.2355	1.5422	.09568	201.93	.61317
#3	.68074	1.9693	1.2384	1.5376	.09488	201.86	.62787

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18186	.20025	15.063	.55547	.30818	.47594	183.32
Stddev	.00111	.00190	.104	.00103	.00219	.00262	1.39
%RSD	.61207	.94692	.68815	.18623	.70936	.55058	.75787

#1	.18209	.19808	15.177	.55438	.30588	.47360	184.86
#2	.18064	.20108	14.974	.55560	.30842	.47545	182.17
#3	.18283	.20159	15.038	.55643	.31023	.47877	182.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4868	22.874	.70021	.04791	3.4862	.67595	.84154
Stddev	.0036	.153	.00478	.00057	.0335	.00070	.00334
%RSD	.14606	.67026	.68334	1.1856	.96193	.10309	.39666

#1	2.4908	22.974	.69523	.04855	3.5167	.67557	.83789
#2	2.4836	22.952	.70062	.04748	3.4917	.67676	.84443
#3	2.4861	22.698	.70477	.04770	3.4503	.67553	.84231

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.110	.28543	.15228	1.1765	3.1283	.66159	2.0557
Stddev	.063	.00233	.00698	.0104	.0449	.00769	.0065
%RSD	.48419	.81708	4.5811	.88178	1.4367	1.1619	.31551

#1	13.183	.28290	.15336	1.1667	3.1802	.65531	2.0613
#2	13.066	.28590	.14483	1.1874	3.1027	.65930	2.0572
#3	13.081	.28749	.15866	1.1753	3.1020	.67016	2.0486

Sample Name: K1924-01A Acquired: 3/15/2019 15:20:26 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8024 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23157	F 10.94	.04634	<.00000	F<.00000
Stddev	.00188	.06	.00055	.17677	9.3535
%RSD	.81347	.5201	1.1903	33.210	.36294
#1	.23295	10.88	.04625	-.33129	-2584.7
#2	.23233	10.95	.04694	-.60194	-2566.7
#3	.22942	10.99	.04584	-.66359	-2580.1
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4517.3	50796.	7307.1	36.732	3480.3
Stddev	8.4	186.	51.1	.342	16.5
%RSD	.18492	.36691	.69953	.93242	.47446
#1	4522.2	50700.	7255.2	36.401	3498.5
#2	4507.7	50677.	7308.7	36.709	3466.2
#3	4522.1	51011.	7357.4	37.085	3476.1

Sample Name: K1924-03 Acquired: 3/15/2019 15:24:45 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04701	-.04462	.15610	-.01417	-.00947	168.38	.38679
Stddev	.00141	.00195	.00180	.00410	.00195	.86	.00389
%RSD	3.0060	4.3814	1.1558	28.933	20.591	.51147	1.0067

#1	.04864	-.04504	.15697	-.01803	-.00768	167.50	.38896
#2	.04628	-.04249	.15403	-.01463	-.01155	168.42	.38911
#3	.04611	-.04633	.15731	-.00986	-.00917	169.22	.38229

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01309	.00056	17.954	.23270	.09177	.24238	185.50
Stddev	.00030	.00028	.037	.00111	.00010	.00058	1.22
%RSD	2.2552	50.847	.20391	.47519	.11308	.23901	.65598

#1	.01331	.00034	17.970	.23149	.09166	.24241	186.32
#2	.01320	.00046	17.980	.23296	.09187	.24179	186.08
#3	.01275	.00088	17.912	.23365	.09177	.24295	184.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9908	23.427	.18254	-.01568	1.2813	.45410	.60935
Stddev	.0064	.093	.00055	.00044	.0090	.00261	.00102
%RSD	.32321	.39900	.29981	2.7923	.70018	.57430	.16691

#1	1.9834	23.470	.18192	-.01596	1.2731	.45142	.60819
#2	1.9954	23.492	.18274	-.01517	1.2909	.45426	.60978
#3	1.9935	23.320	.18295	-.01590	1.2798	.45663	.61008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4710	.00043	.09527	.95047	3.7686	.01431	2.1350
Stddev	.0441	.00028	.00425	.02304	.0082	.00095	.0157
%RSD	.80681	65.681	4.4576	2.4243	.21768	6.6421	.73292

#1	5.4998	.00075	.09198	.92888	3.7780	.01341	2.1202
#2	5.4931	.00020	.09377	.97473	3.7654	.01420	2.1334
#3	5.4202	.00035	.10006	.94779	3.7626	.01531	2.1514

Sample Name: K1924-03 Acquired: 3/15/2019 15:24:45 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-SOIL-PILE Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06494	4.778	-.11070	<.00000	F<.00000
Stddev	.00082	.016	.00146	.09520	15.413
%RSD	1.2611	.3285	1.3180	110.85	.63662

#1	.06519	4.760	-.11150	-.14877	-2438.2
#2	.06560	4.785	-.11158	.02364	-2416.5
#3	.06402	4.789	-.10901	-.13252	-2408.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4312.8	48736.	6985.7	36.788	3510.9
Stddev	4.0	135.	42.8	.491	3.0
%RSD	.09233	.27737	.61338	1.3343	.08586

#1	4313.2	48876.	6955.4	36.459	3514.3
#2	4316.5	48725.	6966.9	37.352	3508.4
#3	4308.6	48606.	7034.7	36.552	3510.1

Sample Name: K1927-01 Acquired: 3/15/2019 15:29:11 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01410	-.12728	-.01914	-.05881	-.01594	193.64	.06730
Stddev	.00042	.00373	.00127	.00126	.00264	1.49	.00339
%RSD	2.9653	2.9298	6.6227	2.1501	16.546	.77142	5.0321

#1	-.01408	-.12340	-.02060	-.05736	-.01290	193.49	.07110
#2	-.01370	-.13084	-.01846	-.05943	-.01757	192.23	.06619
#3	-.01453	-.12761	-.01836	-.05966	-.01735	195.21	.06461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	.00652	120.28	.00715	.26437	1.0237	263.10
Stddev	.00010	.00063	.67	.00039	.00184	.0012	2.28
%RSD	1.4745	9.7217	.55966	5.5176	.69676	.11218	.86552

#1	.00717	.00587	120.85	.00759	.26227	1.0249	264.64
#2	.00706	.00656	120.46	.00683	.26516	1.0236	264.17
#3	.00696	.00713	119.54	.00704	.26569	1.0226	260.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4030	82.452	.16661	-.02999	28.036	.96557	.60766
Stddev	.0080	.534	.00109	.00100	.205	.00108	.00812
%RSD	.33192	.64818	.65144	3.3217	.73286	.11134	1.3363

#1	2.4040	82.614	.16542	-.03006	28.265	.96571	.59829
#2	2.3945	82.886	.16687	-.02896	27.977	.96443	.61257
#3	2.4104	81.855	.16755	-.03095	27.867	.96657	.61212

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1712	.00051	-.11285	4.4925	5.8914	.01615	6.5290
Stddev	.0664	.00003	.00445	.0862	.0344	.00096	.0354
%RSD	3.0570	6.5111	3.9395	1.9188	.58386	5.9198	.54154

#1	2.2439	.00051	-.11032	4.4082	5.9196	.01595	6.5652
#2	2.1557	.00048	-.11024	4.4888	5.9016	.01719	6.5273
#3	2.1139	.00055	-.11798	4.5804	5.8531	.01531	6.4946

Sample Name: K1927-01 Acquired: 3/15/2019 15:29:11 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04009	F 10.26	.11568	.28935	F<.00000
Stddev	.00261	.08	.00045	.07924	3.8737
%RSD	6.5044	.7580	.38468	27.385	.09990

#1	.04265	10.17	.11614	.25037	-3874.6
#2	.04017	10.31	.11525	.23714	-3876.3
#3	.03744	10.31	.11566	.38052	-3882.0

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4026.7	46041.	6677.8	33.652	3248.1
Stddev	9.5	165.	65.2	.738	33.0
%RSD	.23473	.35813	.97611	2.1942	1.0165

#1	4034.3	46045.	6635.8	34.304	3286.2
#2	4016.1	46204.	6644.6	32.850	3230.1
#3	4029.8	45875.	6752.9	33.802	3228.0

Sample Name: PB117974BL Acquired: 3/15/2019 15:33:37 Type: Unk
Method: P4-ICP2(v2948) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	.00046	.00181	.00010	-.00129	.00619	-.03502
Stddev	.00178	.00079	.00017	.00036	.00040	.00755	.00333
%RSD	61.012	173.17	9.3527	364.31	30.688	121.99	9.5060

#1	-.00397	.00031	.00170	.00011	-.00089	.00823	-.03878
#2	-.00086	.00131	.00173	-.00027	-.00168	.01250	-.03385
#3	-.00393	-.00025	.00200	.00046	-.00132	-.00217	-.03244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00002	.00329	-.00031	-.00001	-.00027	-.00137
Stddev	.00003	.00002	.01424	.00048	.00015	.00036	.00198
%RSD	1539.8	133.97	432.35	153.16	1154.0	135.87	144.44

#1	.00003	-.00004	.01944	.00010	-.00012	-.00064	-.00019
#2	-.00003	.00001	-.00207	-.00019	.00016	-.00024	-.00027
#3	-.00001	-.00003	-.00748	-.00083	-.00008	.00008	-.00366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00249	.00068	.00020	-.52082	-.00017	-.00115
Stddev	.00002	.04244	.00037	.00085	.00364	.00039	.00006
%RSD	477.83	1702.9	54.234	430.86	.69855	233.61	5.5511

#1	-.00001	-.03798	.00074	-.00041	-.52488	.00021	-.00111
#2	.00001	-.00120	.00029	.00117	-.51784	-.00015	-.00112
#3	.00001	.04666	.00102	-.00016	-.51975	-.00057	-.00122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.0026	-.00015	-.00843	F -.01307	.00061	-.00302	.00063
Stddev	.0433	.00020	.00708	.01546	.00064	.00044	.00054
%RSD	4.3185	132.31	84.009	118.30	105.41	14.645	85.892

#1	-1.0388	-.00028	-.00067	-.01038	.00135	-.00275	.00123
#2	-1.0144	-.00027	-.01009	-.02970	.00024	-.00278	.00048
#3	-.95466	.00008	-.01454	.00087	.00024	-.00353	.00018

Sample Name: PB117974BL Acquired: 3/15/2019 15:33:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01229	-.0039	-.00000	F 3.4762	F <.00000
Stddev	.00343	.0002	.00005	.0515	1.5633
%RSD	27.943	6.170	2979.2	1.4831	81.763
#1	-.01546	-.0041	.00005	3.4486	-3.5652
#2	-.00864	-.0036	-.00005	3.5356	-.45749
#3	-.01276	-.0039	-.00001	3.4442	-1.7134
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.2	41995.	5618.4	35.636	3839.9
Stddev	6.2	171.	48.8	1.973	5.4
%RSD	.16806	.40726	.86831	5.5362	.14117
#1	3684.0	41799.	5612.3	37.908	3845.9
#2	3675.6	42111.	5573.0	34.642	3835.3
#3	3671.9	42076.	5670.0	34.358	3838.4

Sample Name: PB117974BS Acquired: 3/15/2019 15:50:28 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87921	2.2014	1.0735	2.2817	.88870	2.1728	.17512
Stddev	.00204	.0100	.0052	.0056	.00416	.0280	.00083
%RSD	.23166	.45585	.48729	.24585	.46756	1.2899	.47496

#1	.88152	2.2089	1.0781	2.2882	.89262	2.1566	.17607
#2	.87770	2.2052	1.0678	2.2779	.88914	2.1566	.17478
#3	.87839	2.1900	1.0746	2.2792	.88434	2.2051	.17451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22334	.20926	1.0668	.44039	.21841	.34906	3.3091
Stddev	.00058	.00068	.0124	.00246	.00042	.00210	.0397
%RSD	.25747	.32405	1.1624	.55821	.19145	.60116	1.2003

#1	.22293	.20977	1.0735	.44313	.21888	.35136	3.3459
#2	.22400	.20951	1.0744	.43836	.21828	.34857	3.3143
#3	.22310	.20849	1.0525	.43969	.21807	.34725	3.2670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22796	2.1974	.52369	.08317	2.5765	.30501	.22197
Stddev	.00034	.0573	.00140	.00080	.0112	.00078	.00075
%RSD	.14966	2.6057	.26723	.95949	.43371	.25621	.33695

#1	.22786	2.1805	.52529	.08225	2.5639	.30463	.22257
#2	.22768	2.1504	.52269	.08356	2.5851	.30591	.22220
#3	.22834	2.2612	.52309	.08370	2.5806	.30448	.22113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7277	.42377	.29274	F -.02246	1.0085	.70644	.21592
Stddev	.0814	.00221	.00448	.01287	.0169	.00116	.00092
%RSD	.83715	.52083	1.5302	57.320	1.6771	.16449	.42626

#1	9.7897	.42463	.29222	-.01092	1.0237	.70764	.21608
#2	9.7579	.42541	.28854	-.03635	1.0117	.70532	.21493
#3	9.6355	.42126	.29746	-.02012	.99027	.70635	.21675

Sample Name: PB117974BS Acquired: 3/15/2019 15:50:28 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20058	5.885	.21549	F 3.8819	F<.00000
Stddev	.00180	.011	.00014	.1027	2.8545
%RSD	.89720	.1875	.06340	2.6470	4.8482
#1	.20237	5.898	.21537	3.9874	-60.221
#2	.19877	5.876	.21546	3.7821	-60.812
#3	.20061	5.882	.21564	3.8761	-55.599
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.3	41295.	5611.0	36.322	3732.5
Stddev	16.8	125.	81.2	.886	9.0
%RSD	.46389	.30281	1.4467	2.4390	.24130
#1	3599.7	41156.	5527.5	36.400	3722.4
#2	3615.9	41399.	5615.8	35.400	3735.3
#3	3633.2	41330.	5689.6	37.167	3739.7

Sample Name: CCV04 Acquired: 3/15/2019 15:54:34 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14683 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2509	5.0262	5.0813	5.1495	5.2860	10.209	9.5194
Stddev	.0058	.0116	.0091	.0056	.0118	.134	.0809
%RSD	.11004	.23035	.17957	.10859	.22409	1.3154	.84987

#1	5.2450	5.0136	5.0758	5.1463	5.2857	10.178	9.6108
#2	5.2565	5.0287	5.0763	5.1464	5.2744	10.356	9.4571
#3	5.2514	5.0364	5.0918	5.1560	5.2980	10.093	9.4903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25462	2.5534	23.882	1.0098	2.5506	1.2767	4.8454
Stddev	.00083	.0063	.221	.0051	.0043	.0021	.0452
%RSD	.32580	.24807	.92635	.50478	.17018	.16654	.93231

#1	.25367	2.5487	24.015	1.0050	2.5456	1.2778	4.8969
#2	.25517	2.5508	24.004	1.0152	2.5532	1.2743	4.8125
#3	.25503	2.5606	23.626	1.0092	2.5531	1.2781	4.8268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5519	25.003	2.4165	1.3174	24.579	2.3693	2.5951
Stddev	.0039	.145	.0079	.0035	.282	.0044	.0058
%RSD	.15281	.58150	.32813	.26476	1.1467	.18544	.22253

#1	2.5485	25.076	2.4107	1.3172	24.899	2.3643	2.5914
#2	2.5510	25.098	2.4132	1.3210	24.367	2.3724	2.5921
#3	2.5562	24.836	2.4255	1.3140	24.471	2.3713	2.6017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.513	4.9178	4.5572	4.9346	4.7945	4.7338	4.9877
Stddev	.286	.0046	.0343	.0447	.0437	.0153	.0066
%RSD	1.2170	.09447	.75237	.90621	.91106	.32254	.13178

#1	23.816	4.9207	4.5959	4.9593	4.8374	4.7162	4.9820
#2	23.247	4.9124	4.5453	4.8830	4.7501	4.7441	4.9949
#3	23.478	4.9203	4.5305	4.9616	4.7959	4.7410	4.9862

Sample Name: CCV04 Acquired: 3/15/2019 15:54:34 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14683 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.8409	4.979	4.9896	4.6249	F<.00000
Stddev	.0427	.010	.0322	.0684	3.5135
%RSD	.88139	.1983	.64586	1.4793	248.46

#1	4.8883	4.968	5.0261	4.6241	2.3409
#2	4.8055	4.988	4.9652	4.6937	-1.9613
#3	4.8289	4.981	4.9776	4.5569	-4.6220

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.0	39956.	5595.3	33.788	3445.0
Stddev	4.5	14.	60.9	1.648	6.3
%RSD	.12858	.03431	1.0883	4.8789	.18388

#1	3501.2	39945.	5528.0	33.493	3447.9
#2	3510.0	39972.	5646.6	35.565	3449.3
#3	3504.0	39953.	5611.3	32.307	3437.7

Sample Name: CCB04 Acquired: 3/15/2019 15:58:33 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14683 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00024	.00006	.00079	-.00076	.00000	-.03585
Stddev	.00193	.00110	.00054	.00233	.00215	.00142	.00200
%RSD	842.62	462.99	958.76	296.34	285.27	76982.	5.5905

#1	.00154	-.00051	.00063	.00332	.00154	.00132	-.03373
#2	.00114	-.00118	-.00002	-.00127	-.00273	-.00151	-.03611
#3	-.00199	.00098	-.00045	.00031	-.00107	.00019	-.03772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00006	.01229	-.00000	-.00005	.00024	-.00447
Stddev	.00002	.00014	.00646	.00037	.00016	.00076	.00146
%RSD	35.967	224.67	52.586	26314.	299.96	316.24	32.633

#1	.00008	.00022	.01322	-.00037	-.00023	.00084	-.00294
#2	.00004	.00001	.01823	.00036	.00001	.00049	-.00585
#3	.00005	-.00004	.00541	.00001	.00006	-.00061	-.00463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01920	.00077	.00050	-.53100	-.00031	-.00059
Stddev	.00002	.04381	.00025	.00045	.00300	.00011	.00007
%RSD	148.57	228.13	32.778	90.944	.56404	34.023	11.797

#1	.00000	-.03494	.00064	.00001	-.52885	-.00020	-.00051
#2	-.00004	.03030	.00061	.00057	-.52974	-.00041	-.00064
#3	-.00001	-.05296	.00106	.00091	-.53443	-.00032	-.00062

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.99897	.00013	-.00496	F -.02554	.00295	-.00258	.00016
Stddev	.03230	.00013	.00955	.01336	.00176	.00077	.00148
%RSD	3.2336	104.56	192.72	52.296	59.698	29.829	949.49

#1	-.96440	.00007	-.00784	-.02150	.00386	-.00277	.00128
#2	-1.0041	.00003	-.01274	-.04046	.00092	-.00173	-.00152
#3	-1.0284	.00028	.00571	-.01467	.00407	-.00323	.00071

Sample Name: CCB04 Acquired: 3/15/2019 15:58:33 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14683 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01350	-.0024	.00010	F 3.4731	F<.00000
Stddev	.00131	.0004	.00009	.1041	2.5143
%RSD	9.7202	14.54	86.708	2.9960	93.482

#1	-.01325	-.0023	.00006	3.5675	-4.6797
#2	-.01233	-.0022	.00005	3.4904	-3.5253
#3	-.01492	-.0028	.00021	3.3615	.13612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.7	41849.	5621.5	35.525	3815.0
Stddev	4.4	128.	45.0	1.719	.7
%RSD	.11986	.30651	.80027	4.8389	.01907

#1	3645.9	41705.	5576.0	33.633	3815.8
#2	3644.6	41889.	5622.4	36.992	3814.4
#3	3637.7	41952.	5666.0	35.950	3814.9

Sample Name: PB11962BL Acquired: 3/15/2019 16:03:01 Type: Unk
Method: P4-ICP2(v2948) 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	-.00151	-.00039	-.00094	.00133	-.00042	-.00756	-.03562
Stddev	.00250	.00085	.00016	.00136	.00220	.00240	.00241
%RSD	165.82	216.41	16.673	102.26	528.61	31.693	6.7558

#1	.00064	-.00126	-.00107	.00028	-.00240	-.01032	-.03361
#2	-.00426	-.00035	-.00077	.00286	-.00080	-.00595	-.03829
#3	-.00092	.00043	-.00098	.00084	.00195	-.00642	-.03497

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	.00339	.00001	-.00018	-.00003	-.00447
Stddev	.00007	.00011	.01189	.00023	.00013	.00007	.00045
%RSD	942.50	1789.7	350.78	1983.6	73.123	253.37	9.9656

#1	.00008	-.00010	.00731	-.00015	-.00010	.00001	-.00436
#2	.00001	.00012	-.00996	-.00009	-.00034	-.00010	-.00497
#3	-.00007	-.00004	.01282	.00027	-.00011	.00001	-.00410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.03876	.00073	.00030	-.54880	-.00034	-.00144
Stddev	.00002	.00554	.00017	.00072	.00758	.00024	.00003
%RSD	64.323	14.301	23.075	244.79	1.3807	70.525	2.0304

#1	-.00001	-.03308	.00064	.00099	-.55743	-.00007	-.00141
#2	-.00005	-.04416	.00093	-.00046	-.54578	-.00045	-.00144
#3	-.00005	-.03905	.00063	.00036	-.54320	-.00051	-.00147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.0198	-.00027	-.00994	F -.02119	.00219	-.00262	-.00074
Stddev	.0342	.00007	.00558	.00342	.00039	.00040	.00072
%RSD	3.3543	26.008	56.094	16.122	17.859	15.093	97.009

#1	-1.0559	-.00019	-.01409	-.02080	.00225	-.00266	-.00094
#2	-1.0156	-.00033	-.00360	-.02478	.00178	-.00221	-.00133
#3	-.98788	-.00028	-.01213	-.01799	.00256	-.00300	.00006

Sample Name: PB11962BL Acquired: 3/15/2019 16:03:01 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01651	-.0036	.00011	F 3.4927	F<.00000
Stddev	.00121	.0008	.00009	.0486	2.5274
%RSD	7.3266	22.47	75.441	1.3915	173.04

#1	-.01674	-.0040	.00006	3.4365	.76974
#2	-.01759	-.0027	.00007	3.5214	-4.2057
#3	-.01520	-.0042	.00021	3.5200	-.94563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.2	41957.	5613.8	36.706	3832.8
Stddev	.5	52.	51.0	.876	3.7
%RSD	.01336	.12314	.90803	2.3860	.09671

#1	3663.2	41899.	5579.6	36.217	3836.9
#2	3663.7	41998.	5589.5	36.183	3829.6
#3	3662.7	41975.	5672.4	37.717	3831.8

Sample Name: K1858-01 Acquired: 3/15/2019 16:11:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	-.00057	-.00155	.00084	-.00244	.03140	-.03387
Stddev	.00339	.00115	.00060	.00102	.00107	.00982	.00230
%RSD	651.73	200.99	39.012	120.84	43.812	31.282	6.7921

#1	-.00329	-.00083	-.00100	.00007	-.00125	.03165	-.03642
#2	.00164	.00068	-.00146	.00200	-.00278	.02145	-.03194
#3	.00321	-.00157	-.00219	.00046	-.00331	.04109	-.03327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00007	.75700	.00722	.00031	.01074	.01098
Stddev	.00003	.00006	.01649	.00025	.00009	.00027	.00109
%RSD	790.99	83.716	2.1783	3.4728	28.568	2.4914	9.8887

#1	-.00002	.00004	.73864	.00725	.00027	.01055	.01002
#2	.00003	.00014	.76182	.00746	.00041	.01062	.01216
#3	.00000	.00004	.77055	.00696	.00025	.01105	.01076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	.11586	.02243	.00053	.62251	-.00029	.09305
Stddev	.00007	.02599	.00022	.00030	.01200	.00028	.00046
%RSD	2.0869	22.429	1.0015	57.845	1.9284	96.282	.49126

#1	.00356	.08586	.02269	.00045	.61307	-.00056	.09277
#2	.00363	.13026	.02228	.00027	.63602	.00000	.09279
#3	.00348	.13146	.02232	.00086	.61845	-.00032	.09357

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.99346	.00023	-.00340	.36893	.19173	-.00383	.00087
Stddev	.02594	.00030	.01365	.00705	.00164	.00035	.00067
%RSD	2.6107	129.37	401.97	1.9119	.85440	9.2669	76.817

#1	-1.0200	.00004	.00686	.37464	.18984	-.00347	.00104
#2	-.99217	.00058	-.01890	.36104	.19268	-.00383	.00014
#3	-.96820	.00008	.00185	.37110	.19268	-.00418	.00145

Sample Name: K1858-01 Acquired: 3/15/2019 16:11:37 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02178	-.0009	.00724	2.9279	F<.00000
Stddev	.00064	.0012	.00006	.0461	2.7561
%RSD	2.9582	129.5	.89479	1.5754	45.206

#1	-.02105	-.0003	.00717	2.8747	-2.9680
#2	-.02226	-.0002	.00727	2.9549	-7.1573
#3	-.02203	-.0023	.00729	2.9542	-8.1653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.3	43416.	5840.3	37.394	3959.2
Stddev	5.6	95.	31.7	1.369	6.7
%RSD	.15084	.21960	.54355	3.6618	.16800

#1	3726.6	43308.	5868.0	36.567	3959.1
#2	3734.6	43489.	5805.7	38.975	3965.9
#3	3723.8	43450.	5847.1	36.642	3952.6

Sample Name: K1903-01 Acquired: 3/15/2019 16:16:04 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-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	.00159	-.00162	.08361	.00017	.00269	.39413	.07980	.00011
Stddev	.00158	.00173	.00217	.00350	.00079	.02308	.00279	.00000
%RSD	99.518	106.56	2.5922	2009.5	29.345	5.8563	3.4904	1.1127
#1	.00331	.00036	.08131	.00404	.00359	.41158	.08291	.00011
#2	.00127	-.00238	.08390	-.00072	.00211	.40285	.07892	.00011
#3	.00019	-.00285	.08562	-.00279	.00237	.36796	.07756	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	108.39	.00111	.00007	.00421	.62159	.05456	16.556
Stddev	.00004	.98	.00015	.00011	.00032	.01142	.00006	.053
%RSD	72.753	.90213	13.717	161.83	7.6199	1.8374	.10790	.32257
#1	-.00008	108.58	.00100	.00017	.00457	.62549	.05461	16.520
#2	-.00007	109.26	.00128	.00006	.00395	.63054	.05456	16.617
#3	-.00001	107.34	.00104	-.00004	.00412	.60872	.05449	16.531
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00028	25.460	.00563	.02902	5.8685	.00425	.03930
Stddev	.00047	.00009	.223	.00046	.00101	.0332	.00018	.00509
%RSD	33.971	32.157	.87765	8.1966	3.4901	.56648	4.2493	12.947
#1	.00190	-.00030	25.565	.00528	.02812	5.9067	.00404	.03348
#2	.00130	-.00019	25.612	.00616	.02882	5.8517	.00433	.04148
#3	.00097	-.00036	25.203	.00547	.03012	5.8469	.00437	.04293
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1216	F 17.408	-.00161	.01922	.00345	.6630	.42465	4.3433
Stddev	.1106	.140	.00058	.00146	.00130	.0171	.00390	.0744
%RSD	2.6826	.80535	36.178	7.5730	37.702	2.577	.91751	1.7134
#1	4.0435	17.431	-.00200	.02015	.00378	.6504	.42517	4.2807
#2	4.0733	17.535	-.00188	.01996	.00456	.6560	.42826	4.3236
#3	4.2481	17.258	-.00094	.01754	.00202	.6824	.42052	4.4256

Sample Name: K1903-01 Acquired: 3/15/2019 16:16:04 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.219
Stddev	5.143
%RSD	33.796

#1	10.213
#2	14.953
#3	20.490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.8	40194.	5788.5	36.856	3524.0
Stddev	95.0	80.	35.7	.931	85.3
%RSD	2.7762	.19872	.61641	2.5267	2.4198

#1	3476.9	40180.	5777.1	37.280	3582.4
#2	3476.3	40280.	5759.9	37.499	3563.5
#3	3312.1	40122.	5828.4	35.788	3426.2

Sample Name: K1903-02 Acquired: 3/15/2019 16:20:27 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00825	-.00343	.03952	-.00159	-.00222	.46245	.48485
Stddev	.00227	.00273	.00120	.00279	.00083	.00862	.00592
%RSD	27.506	79.394	3.0250	175.65	37.551	1.8651	1.2210

#1	-.01029	-.00649	.03815	.00135	-.00241	.46948	.47863
#2	-.00581	-.00256	.04035	-.00420	-.00131	.45283	.48552
#3	-.00865	-.00125	.04006	-.00191	-.00294	.46504	.49041

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00036	396.11	-.00117	-.00027	.00124	8.7104
Stddev	.00001	.00004	2.17	.00029	.00032	.00035	.0572
%RSD	16.046	9.9170	.54699	24.489	116.91	28.409	.65672

#1	.00007	-.00036	397.67	-.00121	-.00033	.00154	8.7542
#2	.00009	-.00033	397.04	-.00086	-.00056	.00134	8.7313
#3	.00008	-.00040	393.64	-.00143	.00007	.00085	8.6457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3498	82.158	-.00117	-.00203	125.98	.00019	.04527
Stddev	.0064	.078	.00063	.00011	.53	.00040	.00012
%RSD	.47335	.09519	53.866	5.5757	.42012	208.00	.26332

#1	1.3572	82.198	-.00062	-.00213	126.58	-.00023	.04536
#2	1.3463	82.209	-.00186	-.00204	125.81	.00025	.04532
#3	1.3459	82.068	-.00104	-.00191	125.56	.00055	.04513

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.951	.00067	.37349	4.1242	F 38.257	-.00130	.00063
Stddev	.111	.00022	.00377	.0215	.303	.00117	.00158
%RSD	.32648	32.457	1.0091	.52061	.79187	90.471	249.92

#1	34.057	.00044	.37323	4.1247	38.579	.00006	.00079
#2	33.961	.00087	.37737	4.1025	38.214	-.00195	-.00102
#3	33.835	.00069	.36985	4.1455	37.978	-.00199	.00212

Sample Name: K1903-02 Acquired: 3/15/2019 16:20:27 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14750	1.976	1.7906	5.1785	F<.00000
Stddev	.00229	.009	.0073	.1322	2.7336
%RSD	1.5547	.4588	.40838	2.5536	9.2375
#1	.14540	1.967	1.7983	5.0314	-31.922
#2	.14716	1.985	1.7898	5.2165	-30.271
#3	.14995	1.977	1.7837	5.2875	-26.583
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3277.1	37866.	5598.5	33.093	3204.7
Stddev	26.5	109.	40.9	2.224	18.2
%RSD	.80918	.28875	.73051	6.7198	.56925
#1	3305.9	37745.	5556.1	31.104	3209.2
#2	3253.7	37958.	5601.6	32.680	3184.6
#3	3271.6	37894.	5637.7	35.494	3220.3

Sample Name: K1903-03 Acquired: 3/15/2019 16:24:48 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TW-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01814	-.01149	.61283	-.00546	-.00182	38.148	.62247
Stddev	.00206	.00136	.00126	.00323	.00359	.113	.00592
%RSD	11.352	11.792	.20488	59.113	196.85	.29598	.95073

#1	.02039	-.01302	.61407	-.00178	-.00377	38.027	.62930
#2	.01635	-.01042	.61156	-.00781	-.00402	38.165	.61925
#3	.01768	-.01105	.61288	-.00679	.00232	38.251	.61886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00306	.00201	329.63	.09654	.02385	.19933	44.212
Stddev	.00003	.00004	1.62	.00038	.00031	.00039	.395
%RSD	1.0735	2.1067	.49252	.39264	1.3110	.19515	.89338

#1	.00310	.00205	331.48	.09697	.02357	.19959	44.668
#2	.00304	.00201	328.45	.09640	.02381	.19952	43.977
#3	.00304	.00197	328.97	.09625	.02419	.19888	43.991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9951	63.856	.21510	-.00314	87.644	.11822	.58023
Stddev	.0010	.466	.00011	.00017	.415	.00069	.00323
%RSD	.04794	.73013	.04887	5.4023	.47384	.58773	.55609

#1	1.9943	64.186	.21503	-.00298	88.114	.11877	.58382
#2	1.9949	63.323	.21504	-.00314	87.326	.11744	.57931
#3	1.9962	64.059	.21522	-.00332	87.492	.11845	.57757

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.788	.00557	.16029	6.5178	F 64.348	.01740	.59400
Stddev	.117	.00019	.00518	.0261	.495	.00030	.00130
%RSD	.43597	3.3446	3.2291	.40073	.76943	1.7193	.21835

#1	26.922	.00538	.15631	6.4926	64.919	.01743	.59446
#2	26.738	.00557	.15843	6.5448	64.042	.01769	.59254
#3	26.705	.00575	.16615	6.5159	64.082	.01709	.59500

Sample Name: K1903-03 Acquired: 3/15/2019 16:24:48 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TW-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15854	4.899	1.7202	4.7820	F<.00000
Stddev	.00262	.013	.0055	.0064	5.4141
%RSD	1.6530	.2677	.31975	.13446	1.4253
#1	.15670	4.884	1.7266	4.7817	-384.47
#2	.16154	4.907	1.7171	4.7757	-373.89
#3	.15738	4.907	1.7170	4.7886	-381.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.0	38956.	5773.1	36.166	3223.6
Stddev	2.1	49.	38.8	1.136	1.8
%RSD	.06114	.12457	.67244	3.1416	.05685
#1	3381.0	38950.	5728.9	34.955	3221.6
#2	3379.1	39007.	5801.9	36.335	3223.9
#3	3376.9	38910.	5788.4	37.208	3225.3

Sample Name: K1923-01 Acquired: 3/15/2019 16:29:01 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BOTTLE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00070	-.00046	.00272	-.00396	.03827	-.03541
Stddev	.00149	.00096	.00080	.00089	.00108	.01316	.00303
%RSD	190.60	136.63	174.81	32.896	27.314	34.382	8.5530

#1	-.00185	-.00159	-.00031	.00168	-.00508	.05002	-.03642
#2	.00092	.00031	-.00132	.00322	-.00386	.04074	-.03781
#3	-.00141	-.00082	.00026	.00325	-.00293	.02405	-.03201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00036	.19894	.00133	.00018	.03721	.07023
Stddev	.00003	.00009	.00508	.00044	.00020	.00022	.00041
%RSD	193.23	23.441	2.5512	33.283	108.55	.59680	.58471

#1	.00001	.00028	.19337	.00154	.00032	.03724	.06993
#2	-.00001	.00037	.20012	.00082	.00027	.03742	.07070
#3	-.00005	.00045	.20331	.00163	-.00004	.03698	.07006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01203	.02216	.00505	.00019	-.35456	-.00021	.08548
Stddev	.00004	.01502	.00022	.00060	.01475	.00038	.00014
%RSD	.36743	67.761	4.2762	317.87	4.1596	182.46	.16642

#1	.01199	.00591	.00481	-.00029	-.34146	-.00032	.08563
#2	.01205	.02504	.00522	-.00000	-.35168	-.00052	.08534
#3	.01207	.03553	.00513	.00085	-.37053	.00022	.08549

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.84886	-.00022	-.00629	-.02611	.07379	-.00460	.00245
Stddev	.01938	.00014	.00599	.01165	.00083	.00056	.00193
%RSD	2.2828	62.695	95.170	44.603	1.1248	12.106	78.752

#1	-.84402	-.00006	-.00542	-.02251	.07451	-.00396	.00098
#2	-.87019	-.00029	-.01267	-.01669	.07288	-.00489	.00174
#3	-.83235	-.00032	-.00079	-.03913	.07398	-.00495	.00464

Sample Name: K1923-01 Acquired: 3/15/2019 16:29:01 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BOTTLE-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02070	-.0010	.00072	3.1920	F<.00000
Stddev	.00166	.0004	.00004	.0416	1.4687
%RSD	8.0129	38.93	5.7770	1.3036	25.857

#1	-.02009	-.0013	.00072	3.2100	-5.2400
#2	-.02257	-.0006	.00068	3.2215	-4.4818
#3	-.01943	-.0009	.00076	3.1444	-7.3186

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.5	42991.	5871.3	37.106	3882.3
Stddev	3.0	182.	34.2	.684	2.8
%RSD	.08146	.42238	.58319	1.8434	.07206

#1	3688.9	42989.	5835.9	36.367	3885.4
#2	3684.5	42811.	5904.3	37.233	3879.9
#3	3683.2	43174.	5873.8	37.717	3881.5

Sample Name: K1923-02 Acquired: 3/15/2019 16:33:27 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BOTTLE-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00069	-.00151	.00369	-.00163	.03618	-.03466
Stddev	.00237	.00139	.00066	.00224	.00065	.00585	.00113
%RSD	183.25	202.79	43.961	60.848	39.927	16.161	3.2599

#1	-.00302	-.00005	-.00132	.00435	-.00121	.04067	-.03460
#2	.00141	.00027	-.00096	.00552	-.00131	.02957	-.03357
#3	-.00227	-.00228	-.00225	.00119	-.00238	.03830	-.03582

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00029	.15680	.00054	.00012	.03145	.04440
Stddev	.00009	.00003	.00322	.00049	.00012	.00074	.00033
%RSD	1483.2	9.6921	2.0562	90.432	100.31	2.3382	.73855

#1	-.00007	.00032	.15374	.00107	.00002	.03209	.04468
#2	-.00002	.00026	.16017	.00010	.00024	.03162	.04404
#3	.00011	.00029	.15649	.00045	.00008	.03065	.04448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01035	-.02309	.00426	-.00014	-.41341	-.00031	.06105
Stddev	.00005	.02111	.00005	.00027	.01084	.00054	.00023
%RSD	.47572	91.419	1.1129	195.99	2.6223	172.05	.37932

#1	.01030	-.04586	.00430	-.00017	-.40094	-.00003	.06129
#2	.01039	-.01924	.00420	.00015	-.42056	-.00093	.06102
#3	.01037	-.00417	.00427	-.00040	-.41873	.00003	.06083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.88224	-.00032	.00046	-.03284	.06559	-.00454	.00059
Stddev	.00711	.00024	.00146	.00856	.00248	.00052	.00053
%RSD	.80633	75.466	317.77	26.077	3.7834	11.419	90.161

#1	-.87408	-.00015	.00189	-.04228	.06477	-.00423	.00064
#2	-.88553	-.00021	-.00103	-.02557	.06837	-.00425	.00003
#3	-.88711	-.00059	.00052	-.03068	.06362	-.00514	.00109

Sample Name: K1923-02 Acquired: 3/15/2019 16:33:27 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BOTTLE-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02294	-.0011	.00055	3.2504	F<.00000
Stddev	.00081	.0009	.00000	.0424	1.8714
%RSD	3.5398	80.00	.79197	1.3034	36.646

#1	-.02367	-.0015	.00055	3.2513	-6.7026
#2	-.02310	-.0018	.00055	3.2076	-5.5704
#3	-.02207	-.0001	.00054	3.2924	-3.0470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.1	42922.	5858.4	36.386	3880.6
Stddev	4.6	24.	46.6	1.242	4.3
%RSD	.12574	.05697	.79496	3.4126	.11106

#1	3678.9	42929.	5827.2	37.775	3883.8
#2	3687.9	42942.	5836.0	36.000	3875.7
#3	3685.4	42894.	5911.9	35.383	3882.3

Sample Name: K1925-01 Acquired: 3/15/2019 16:37:54 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00081	-.00428	-.00045	-.00215	.02418	-.04158
Stddev	.00064	.00164	.00084	.00159	.00156	.01460	.00183
%RSD	85.144	203.34	19.588	356.80	72.572	60.400	4.4061

#1	-.00016	-.00270	-.00429	-.00108	-.00137	.02487	-.04357
#2	-.00144	.00015	-.00512	.00137	-.00113	.03842	-.04120
#3	-.00067	.00013	-.00344	-.00163	-.00394	.00924	-.03997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00011	.05717	.00033	-.00009	.00726	.02090
Stddev	.00001	.00008	.00799	.00033	.00020	.00025	.00051
%RSD	97.983	77.363	13.981	101.92	217.02	3.4539	2.4223

#1	-.00002	.00005	.04794	.00069	-.00007	.00698	.02073
#2	-.00002	.00007	.06197	.00004	-.00030	.00734	.02147
#3	.00000	.00020	.06159	.00024	.00009	.00746	.02049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.03894	.00252	.00002	-.57778	-.00051	.00544
Stddev	.00004	.05126	.00015	.00049	.00968	.00040	.00006
%RSD	6.7069	131.66	5.8410	2252.1	1.6747	78.462	1.0410

#1	.00060	-.00582	.00241	.00052	-.58395	-.00037	.00538
#2	.00060	-.09799	.00247	-.00045	-.58278	-.00096	.00550
#3	.00053	-.01300	.00269	-.00001	-.56663	-.00020	.00544

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.0190	-.00026	.00107	-.02934	.03062	-.00393	.00098
Stddev	.0243	.00014	.00465	.00472	.00121	.00027	.00126
%RSD	2.3864	52.094	435.69	16.094	3.9666	6.7644	128.79

#1	-.99282	-.00024	.00179	-.02390	.03200	-.00417	.00215
#2	-1.0409	-.00040	.00530	-.03172	.03015	-.00365	-.00035
#3	-1.0234	-.00013	-.00390	-.03239	.02971	-.00399	.00113

Sample Name: K1925-01 Acquired: 3/15/2019 16:37:54 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JS-SYSTEM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02258	-.0016	.00020	3.3581	F<.00000
Stddev	.00030	.0005	.00008	.0502	2.3624
%RSD	1.3268	28.84	38.620	1.4950	50.275
#1	-.02229	-.0016	.00025	3.3017	-4.3413
#2	-.02255	-.0021	.00023	3.3749	-7.2196
#3	-.02289	-.0011	.00011	3.3978	-2.5357
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.4	42599.	5792.1	38.436	3863.7
Stddev	11.6	64.	20.1	1.643	6.5
%RSD	.31708	.15131	.34735	4.2752	.16930
#1	3666.7	42599.	5796.9	38.825	3864.1
#2	3656.1	42535.	5770.1	36.633	3870.1
#3	3643.6	42664.	5809.5	39.850	3857.0

Sample Name: K1925-01DUP Acquired: 3/15/2019 16:42:22 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JS-SYSTEMDUP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	-.00039	-.00333	.00060	-.00224	.01347	-.03788
Stddev	.00188	.00049	.00108	.00106	.00026	.00870	.00080
%RSD	223.93	125.94	32.542	174.80	11.818	64.558	2.1196

#1	-.00005	-.00053	-.00274	.00012	-.00246	.01589	-.03771
#2	-.00299	-.00080	-.00458	.00182	-.00195	.02071	-.03718
#3	.00051	.00015	-.00267	-.00012	-.00231	.00382	-.03876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00014	.04229	.00031	-.00005	.00738	.02107
Stddev	.00006	.00003	.00754	.00035	.00010	.00037	.00150
%RSD	675.77	22.381	17.840	113.60	187.66	4.9951	7.1017

#1	.00008	.00018	.03495	-.00002	.00000	.00752	.02082
#2	-.00004	.00012	.05002	.00026	.00001	.00697	.02267
#3	-.00002	.00013	.04190	.00067	-.00017	.00766	.01971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.03763	.00260	.00048	-.56721	-.00035	.00522
Stddev	.00002	.03996	.00016	.00013	.00707	.00036	.00004
%RSD	3.1043	106.19	5.9835	28.059	1.2469	102.11	.73356

#1	.00056	-.01817	.00263	.00036	-.55911	-.00062	.00524
#2	.00057	-.08359	.00244	.00046	-.57040	-.00050	.00524
#3	.00054	-.01113	.00275	.00062	-.57213	.00006	.00517

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.94215	.00004	.00219	-.03746	.02921	-.00425	.00060
Stddev	.03802	.00005	.00492	.01521	.00097	.00023	.00097
%RSD	4.0352	119.72	225.24	40.608	3.3316	5.4000	163.40

#1	-.91535	.00002	.00538	-.04567	.02941	-.00435	-.00051
#2	-.98566	.00009	-.00348	-.04679	.03007	-.00441	.00131
#3	-.92544	.00001	.00467	-.01990	.02815	-.00399	.00099

Sample Name: K1925-01DUP Acquired: 3/15/2019 16:42:22 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.02083	-.0025	.00020	3.0970	F<.00000
Stddev	.00078	.0008	.00005	.2060	1.5372
%RSD	3.7387	30.71	22.876	6.6505	23.833

#1	-.02132	-.0034	.00015	2.8689	-8.1722
#2	-.02125	-.0023	.00024	3.1527	-5.2169
#3	-.01993	-.0019	.00021	3.2693	-5.9605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.8	43015.	5822.2	37.833	3887.1
Stddev	5.4	216.	19.2	.597	7.3
%RSD	.14676	.50169	.32963	1.5778	.18799

#1	3671.1	43263.	5829.2	37.258	3890.4
#2	3681.7	42908.	5800.5	37.792	3892.2
#3	3674.6	42873.	5836.9	38.450	3878.8

Sample Name: PB11962BS Acquired: 3/15/2019 16:46:51 Type: Unk
Method: P4-ICP2(v2948) 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	.86884	2.1369	1.0456	2.2419	.87480	2.0992	.19019
Stddev	.00444	.0076	.0071	.0199	.00476	.0177	.00151
%RSD	.51084	.35660	.67892	.88599	.54400	.84214	.79268

#1	.87234	2.1328	1.0477	2.2440	.87136	2.1094	.18908
#2	.86385	2.1322	1.0377	2.2211	.87281	2.0788	.19190
#3	.87032	2.1457	1.0514	2.2606	.88023	2.1095	.18958

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21664	.20368	1.0457	.42655	.21315	.34105	3.2074
Stddev	.00021	.00116	.0045	.00103	.00132	.00174	.0049
%RSD	.09881	.56928	.42866	.24034	.61962	.51101	.15307

#1	.21648	.20347	1.0494	.42765	.21297	.34231	3.2117
#2	.21688	.20264	1.0407	.42638	.21193	.33906	3.2084
#3	.21656	.20493	1.0471	.42562	.21455	.34178	3.2020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22173	2.0756	.50708	.08213	F 2.5060	.29367	.21943
Stddev	.00092	.0294	.00202	.00065	.0187	.00158	.00119
%RSD	.41690	1.4139	.39810	.78962	.74479	.53784	.54456

#1	.22087	2.0427	.50644	.08245	2.4902	.29490	.21854
#2	.22271	2.0848	.50545	.08138	2.5012	.29423	.21896
#3	.22162	2.0992	.50934	.08255	2.5266	.29189	.22079

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5974	.41146	.26994	F -.00679	.98144	.67938	.21233
Stddev	.0328	.00171	.00368	.00779	.00981	.00330	.00138
%RSD	.34186	.41485	1.3618	114.84	.99953	.48629	.65039

#1	9.6114	.41249	.27013	-.01106	.99268	.67980	.21114
#2	9.6210	.40949	.27352	.00221	.97457	.67589	.21201
#3	9.5599	.41240	.26618	-.01151	.97708	.68246	.21385

Sample Name: PB11962BS Acquired: 3/15/2019 16:46:51 Type: Unk
Method: P4-ICP2(v2948) 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	.19670	5.736	.21074	F 4.0419	F<.00000
Stddev	.00285	.026	.00049	.0949	1.7499
%RSD	1.4501	.4595	.23480	2.3473	3.1886
#1	.19789	5.737	.21109	3.9779	-55.173
#2	.19876	5.709	.21096	4.1509	-56.467
#3	.19345	5.762	.21018	3.9969	-53.004
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.3	41291.	5623.3	36.992	3727.2
Stddev	9.6	76.	11.0	.515	1.7
%RSD	.26702	.18309	.19497	1.3929	.04536
#1	3573.5	41230.	5622.0	36.750	3728.1
#2	3592.7	41268.	5613.0	37.583	3728.2
#3	3583.8	41375.	5634.8	36.642	3725.2

Sample Name: CCV05 Acquired: 3/15/2019 16:50:58 Type: Unk
Method: P4-ICP2(v2948) 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	5.2180	4.9540	5.0031	5.0957	5.2656	10.218	9.5080
Stddev	.0079	.0091	.0146	.0066	.0067	.129	.0467
%RSD	.15147	.18406	.29173	.12999	.12681	1.2640	.49121

#1	5.2103	4.9567	5.0126	5.1024	5.2688	10.109	9.5399
#2	5.2175	4.9438	4.9863	5.0892	5.2700	10.185	9.5297
#3	5.2261	4.9614	5.0104	5.0955	5.2579	10.361	9.4544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25197	2.5063	23.703	.98578	2.5074	1.2604	4.7503
Stddev	.00036	.0039	.083	.00282	.0040	.0015	.0531
%RSD	.14167	.15664	.35143	.28565	.15779	.11996	1.1178

#1	.25181	2.5081	23.645	.98530	2.5081	1.2611	4.8004
#2	.25237	2.5018	23.665	.98880	2.5031	1.2614	4.7560
#3	.25171	2.5091	23.798	.98323	2.5109	1.2586	4.6946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5184	24.455	2.3634	1.3025	24.303	2.3159	2.5600
Stddev	.0013	.070	.0032	.0034	.129	.0050	.0046
%RSD	.05284	.28771	.13676	.25934	.53283	.21764	.17783

#1	2.5176	24.532	2.3633	1.3047	24.434	2.3204	2.5606
#2	2.5177	24.394	2.3602	1.2986	24.298	2.3170	2.5552
#3	2.5199	24.439	2.3667	1.3042	24.175	2.3104	2.5642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.635	4.8470	F 4.4900	4.8635	4.7837	4.6273	4.9830
Stddev	.147	.0023	.0186	.0481	.0482	.0034	.0242
%RSD	.62252	.04746	.41377	.98955	1.0080	.07416	.48552

#1	23.767	4.8497	4.4685	4.8731	4.8351	4.6270	4.9653
#2	23.661	4.8459	4.5013	4.8113	4.7765	4.6240	4.9731
#3	23.476	4.8455	4.5001	4.9060	4.7395	4.6309	5.0105

Sample Name: CCV05 Acquired: 3/15/2019 16:50:58 Type: Unk
Method: P4-ICP2(v2948) 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	4.8293	4.922	4.9996	4.5817	F<.00000
Stddev	.0280	.040	.0220	.0202	4.8211
%RSD	.57934	.8209	.43968	.43975	493.18
#1	4.8489	4.967	5.0168	4.6050	2.5832
#2	4.8417	4.891	5.0073	4.5706	-6.4639
#3	4.7972	4.906	4.9749	4.5697	.94796
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.5	40053.	5623.9	33.845	3458.9
Stddev	6.3	11.	67.3	.951	7.5
%RSD	.18132	.02814	1.1963	2.8113	.21781
#1	3483.5	40054.	5556.1	33.102	3452.5
#2	3492.1	40041.	5624.9	33.517	3467.2
#3	3495.8	40064.	5690.7	34.918	3457.1

Sample Name: CCB05 Acquired: 3/15/2019 16:54:57 Type: Unk
Method: P4-ICP2(v2948) 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	.00073	-.00004	-.00116	.00108	-.00201	-.00007	-.03546
Stddev	.00056	.00129	.00109	.00167	.00026	.00625	.00231
%RSD	76.109	3034.7	94.337	154.64	13.009	9018.7	6.5148

#1	.00031	-.00143	-.00184	-.00072	-.00208	-.00525	-.03279
#2	.00052	.00113	-.00174	.00139	-.00172	-.00183	-.03679
#3	.00137	.00017	.00010	.00257	-.00223	.00687	-.03679

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	.01328	.00008	.00001	.00042	-.00304
Stddev	.00002	.00004	.01473	.00024	.00023	.00027	.00047
%RSD	43.944	47.817	110.97	308.18	3167.6	65.262	15.622

#1	.00004	.00012	-.00320	.00030	-.00005	.00025	-.00325
#2	.00005	.00008	.02520	-.00017	.00027	.00027	-.00337
#3	.00002	.00004	.01783	.00010	-.00019	.00073	-.00250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.02957	.00074	.00112	-.52572	-.00088	-.00095
Stddev	.00004	.03037	.00007	.00016	.01333	.00024	.00003
%RSD	146.40	102.69	8.8579	13.954	2.5347	27.716	3.6196

#1	.00005	-.06457	.00068	.00117	-.54086	-.00114	-.00095
#2	.00005	-.01021	.00072	.00124	-.52053	-.00066	-.00091
#3	-.00002	-.01393	.00081	.00094	-.51578	-.00084	-.00098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17631	-.00004	-.00347	F -.01296	.00576	-.00261	-.00058
Stddev	.02264	.00022	.00791	.00787	.00141	.00051	.00108
%RSD	12.838	482.70	227.89	60.699	24.462	19.624	186.15

#1	.17969	.00002	-.01239	-.01802	.00632	-.00260	-.00158
#2	.15218	-.00028	.00270	-.00390	.00681	-.00210	-.00074
#3	.19707	.00013	-.00073	-.01696	.00416	-.00313	.00057

Sample Name: CCB05 Acquired: 3/15/2019 16:54:57 Type: Unk
Method: P4-ICP2(v2948) 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 -.01287	-.0034	.00005	F 3.8780	F<.00000
Stddev	.00058	.0004	.00005	.1060	3.1353
%RSD	4.5337	11.13	94.807	2.7332	69.337
#1	-.01266	-.0035	.00006	4.0002	-2.6735
#2	-.01241	-.0029	.00010	3.8240	-8.1419
#3	-.01352	-.0036	.00000	3.8100	-2.7501
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.7	40969.	5575.8	34.972	3740.7
Stddev	2.5	72.	9.8	1.188	10.2
%RSD	.07046	.17483	.17505	3.3971	.27137
#1	3559.7	40890.	5567.4	35.950	3729.1
#2	3560.9	40988.	5586.5	35.317	3748.2
#3	3564.6	41029.	5573.3	33.650	3744.6

Sample Name: K1925-01LX5 Acquired: 3/15/2019 16:59:26 Type: Unk
Method: P4-ICP2(v2948) 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	-.00312	-.00070	-.00071	.00071	-.00163	.00216	-.04529
Stddev	.00408	.00116	.00178	.00282	.00072	.00900	.00298
%RSD	130.68	165.57	251.45	396.22	44.011	417.59	6.5816

#1	-.00265	-.00084	.00123	-.00134	-.00169	.00957	-.04518
#2	.00070	-.00179	-.00109	-.00046	-.00088	-.00786	-.04833
#3	-.00741	.00052	-.00226	.00393	-.00231	.00476	-.04237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00002	.02344	-.00017	-.00010	.00127	.00024
Stddev	.00003	.00001	.01136	.00029	.00006	.00020	.00117
%RSD	2495.6	31.064	48.444	168.98	56.385	16.072	497.57

#1	.00002	.00001	.01710	-.00050	-.00013	.00135	.00150
#2	-.00003	.00002	.03655	-.00002	-.00004	.00142	-.00082
#3	.00001	.00002	.01667	.00001	-.00014	.00104	.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.02955	.00083	.00050	-.54531	-.00065	.00004
Stddev	.00005	.02456	.00023	.00025	.00559	.00051	.00002
%RSD	40.321	83.084	27.359	49.878	1.0250	78.024	61.192

#1	.00006	-.04010	.00109	.00047	-.54029	-.00011	.00005
#2	.00015	-.00149	.00064	.00027	-.55133	-.00113	.00006
#3	.00013	-.04708	.00077	.00077	-.54430	-.00072	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.96394	-.00023	-.00475	-.03154	.00845	-.00253	.00054
Stddev	.02039	.00019	.00270	.00521	.00026	.00062	.00222
%RSD	2.1157	81.954	56.808	16.506	3.1176	24.703	413.15

#1	-.94122	-.00002	-.00290	-.02569	.00844	-.00181	-.00195
#2	-.96994	-.00031	-.00785	-.03565	.00871	-.00296	.00231
#3	-.98066	-.00037	-.00351	-.03328	.00819	-.00282	.00126

Sample Name: K1925-01LX5 Acquired: 3/15/2019 16:59:26 Type: Unk
Method: P4-ICP2(v2948) 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	-.02014	-.0028	.00010	3.6946	F<.00000
Stddev	.00116	.0016	.00007	.1863	2.1276
%RSD	5.7801	56.32	69.728	5.0436	121.41

#1	-.02037	-.0018	.00017	3.5063	-1.0485
#2	-.02118	-.0020	.00004	3.6985	-.06593
#3	-.01888	-.0047	.00007	3.8789	-4.1427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.4	41461.	5656.8	36.567	3771.1
Stddev	3.3	44.	20.7	.974	1.6
%RSD	.09079	.10673	.36626	2.6624	.04206

#1	3590.1	41411.	5641.6	35.533	3771.0
#2	3583.8	41497.	5680.4	36.700	3769.6
#3	3588.3	41475.	5648.5	37.467	3772.7

Sample Name: K1903-05 Acquired: 3/15/2019 17:16:13 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	-.00129	.00972	-.00212	.00098	.03585	.04739	.00005
Stddev	.00106	.00199	.00109	.00320	.00160	.01555	.00149	.00003
%RSD	88.531	154.12	11.262	151.05	162.23	43.378	3.1380	66.194
#1	-.00211	.00054	.01090	-.00474	.00008	.01997	.04799	.00008
#2	-.00004	-.00101	.00951	.00144	.00004	.03653	.04849	.00006
#3	-.00143	-.00340	.00874	-.00306	.00283	.05104	.04570	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	94.815	.00040	-.00024	.00383	-.01319	.05763	14.439
Stddev	.00006	.190	.00032	.00026	.00054	.00154	.00021	.034
%RSD	64.645	.20007	81.845	107.75	14.102	11.686	.37211	.23746
#1	-.00002	95.015	.00047	-.00001	.00393	-.01225	.05748	14.476
#2	-.00013	94.793	.00004	-.00018	.00324	-.01496	.05788	14.432
#3	-.00013	94.637	.00068	-.00052	.00431	-.01235	.05754	14.409
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00012	22.758	.00368	.02311	4.9551	.00356	.03080
Stddev	.00012	.00026	.087	.00057	.00014	.0585	.00021	.00084
%RSD	8.0255	221.95	.38144	15.385	.62649	1.1802	5.9239	2.7243
#1	.00149	.00012	22.833	.00303	.02294	4.8879	.00367	.03134
#2	.00144	-.00014	22.780	.00399	.02321	4.9827	.00369	.03123
#3	.00167	.00038	22.663	.00403	.02317	4.9946	.00332	.02983
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5252	F 15.104	-.00405	-.00386	.00111	.3867	.37728	4.4469
Stddev	.0205	.110	.00056	.00162	.00086	.0027	.00073	.0683
%RSD	.58097	.72599	13.848	41.866	77.475	.6965	.19477	1.5354
#1	3.5291	15.228	-.00357	-.00205	.00157	.3880	.37803	4.3702
#2	3.5434	15.020	-.00467	-.00436	.00164	.3885	.37726	4.5009
#3	3.5030	15.064	-.00392	-.00516	.00012	.3836	.37656	4.4696

Sample Name: K1903-05 Acquired: 3/15/2019 17:16:13 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.293
Stddev	5.198
%RSD	28.414

#1	19.334
#2	22.892
#3	12.654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.9	40106.	5710.0	36.478	3555.0
Stddev	6.5	80.	27.9	.214	12.8
%RSD	.18986	.19951	.48844	.58742	.36085

#1	3423.5	40183.	5677.8	36.273	3546.3
#2	3416.2	40023.	5725.3	36.701	3549.0
#3	3429.2	40112.	5726.8	36.460	3569.7

Sample Name: K1903-05DUP Acquired: 3/15/2019 17:20:38 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00174	.00902	-.00099	.00046	.03442	.04823	.00011
Stddev	.00140	.00093	.00095	.00225	.00132	.01451	.00185	.00004
%RSD	71.158	53.345	10.560	228.48	286.04	42.171	3.8428	40.246
#1	-.00284	-.00237	.00981	-.00265	-.00066	.02264	.04672	.00010
#2	-.00035	-.00067	.00796	-.00188	.00192	.02997	.05030	.00016
#3	-.00272	-.00218	.00928	.00158	.00012	.05063	.04768	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	94.519	-.00000	.00001	.00399	-.01392	.05807	14.533
Stddev	.00008	.941	.00005	.00010	.00079	.00050	.00025	.027
%RSD	217.56	.99538	2062.7	1185.7	19.818	3.5963	.42725	.18740
#1	.00001	94.961	.00001	-.00008	.00406	-.01403	.05796	14.529
#2	-.00013	95.157	.00004	-.00001	.00317	-.01337	.05789	14.562
#3	.00001	93.439	-.00006	.00012	.00475	-.01435	.05835	14.508
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	.00011	22.886	.00381	.02342	5.0138	.00364	.03248
Stddev	.00027	.00012	.216	.00058	.00007	.0244	.00024	.00468
%RSD	16.550	107.86	.94444	15.192	.28505	.48732	6.6576	14.404
#1	.00171	.00000	23.038	.00317	.02349	4.9856	.00390	.03564
#2	.00184	.00025	22.981	.00395	.02339	5.0281	.00343	.02711
#3	.00132	.00009	22.639	.00430	.02336	5.0277	.00358	.03469
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5791	F 15.207	-.00402	-.00424	.00411	.3916	.37683	4.4147
Stddev	.0354	.099	.00034	.00110	.00155	.0016	.00372	.0551
%RSD	.99002	.64798	8.4889	26.028	37.810	.4022	.98676	1.2471
#1	3.6199	15.223	-.00385	-.00461	.00334	.3934	.37807	4.4010
#2	3.5603	15.297	-.00379	-.00300	.00589	.3910	.37977	4.4753
#3	3.5569	15.102	-.00441	-.00511	.00309	.3905	.37265	4.3678

Sample Name: K1903-05DUP Acquired: 3/15/2019 17:20:38 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.877
Stddev	3.221
%RSD	21.648

#1	18.051
#2	14.969
#3	11.612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3415.6	39828.	5675.1	36.516	3551.3
Stddev	6.2	38.	34.6	.550	20.9
%RSD	.18223	.09642	.60929	1.5062	.58749

#1	3417.1	39834.	5663.3	37.151	3530.5
#2	3421.0	39864.	5647.9	36.196	3551.0
#3	3408.8	39787.	5714.0	36.201	3572.2

Sample Name: K1903-05LX5 Acquired: 3/15/2019 17:25:02 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	-.00031	.00077	.00194	-.00089	.00584	-.02498	.00009
Stddev	.00051	.00069	.00020	.00177	.00187	.01547	.00147	.00005
%RSD	241.93	224.86	25.325	91.562	209.55	265.01	5.9023	54.234

#1	.00038	-.00007	.00061	.00172	-.00133	.02310	-.02572	.00005
#2	-.00051	.00024	.00072	.00381	-.00250	.00122	-.02328	.00014
#3	-.00051	-.00108	.00099	.00029	.00116	-.00680	-.02593	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	19.257	.00020	-.00011	.00052	-.00723	.01177	2.9422
Stddev	.00006	.054	.00005	.00002	.00058	.00103	.00014	.0220
%RSD	409.46	.28181	26.397	15.112	111.48	14.322	1.1571	.74653

#1	.00005	19.198	.00026	-.00010	.00017	-.00611	.01167	2.9526
#2	-.00004	19.267	.00017	-.00012	.00120	-.00816	.01172	2.9170
#3	-.00005	19.305	.00017	-.00010	.00021	-.00740	.01193	2.9571

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	.00077	4.1023	.00055	.00357	.27093	.00055	.00026
Stddev	.00048	.00055	.0058	.00060	.00006	.04569	.00009	.00338
%RSD	53.807	71.777	.14188	109.18	1.7487	16.863	15.677	1298.7

#1	.00067	.00126	4.1079	.00096	.00364	.31949	.00045	.00375
#2	.00144	.00017	4.1028	-.00014	.00351	.26451	.00059	.00004
#3	.00056	.00087	4.0963	.00084	.00356	.22879	.00061	-.00301

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68884	3.1230	-.00265	.00038	-.00873	.0736	.07605	4.0478
Stddev	.02503	.0122	.00008	.00130	.00178	.0006	.00025	.1093
%RSD	3.6330	.39109	3.1577	337.17	20.365	.8268	.32501	2.6997

#1	.68349	3.1120	-.00259	.00140	-.00689	.0738	.07577	4.1131
#2	.71610	3.1362	-.00275	-.00108	-.00886	.0729	.07613	4.1087
#3	.66692	3.1208	-.00262	.00083	-.01044	.0741	.07625	3.9216

Sample Name: K1903-05LX5 Acquired: 3/15/2019 17:25:02 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7077
Stddev 1.9042
%RSD 40.449

#1 5.3478
#2 2.5659
#3 6.2094

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.4	40911.	5643.0	36.408	3703.4
Stddev	5.2	66.	32.6	.462	6.4
%RSD	.14668	.16211	.57744	1.2688	.17372

#1	3543.5	40846.	5629.3	36.150	3710.4
#2	3533.2	40908.	5619.5	36.133	3697.7
#3	3538.6	40979.	5680.2	36.942	3702.1

Sample Name: PB117945BL Acquired: 3/15/2019 17:29:28 Type: Unk
Method: P4-ICP2(v2948) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00081	-.00097	.00173	-.00178	-.00046	-.04272
Stddev	.00323	.00153	.00028	.00338	.00137	.00390	.00245
%RSD	491.90	188.47	28.692	196.06	76.861	849.55	5.7420

#1	-.00198	.00050	-.00065	.00422	-.00129	.00346	-.04174
#2	.00303	-.00044	-.00107	-.00213	-.00073	-.00051	-.04092
#3	-.00302	-.00250	-.00118	.00309	-.00333	-.00433	-.04552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00002	.00404	-.00009	-.00023	-.00004	-.00382
Stddev	.00002	.00009	.00580	.00030	.00012	.00033	.00103
%RSD	22.963	517.59	143.71	346.01	51.620	783.09	26.856

#1	.00006	.00005	.00826	.00021	-.00037	-.00001	-.00402
#2	.00009	.00008	-.00258	-.00009	-.00013	.00027	-.00271
#3	.00009	-.00008	.00644	-.00039	-.00021	-.00038	-.00474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00818	.00057	.00033	-.53987	-.00022	-.00141
Stddev	.00003	.05104	.00009	.00051	.00117	.00047	.00004
%RSD	107.89	623.95	15.103	156.72	.21681	216.72	3.1454

#1	-.00005	.04013	.00053	.00014	-.54059	-.00026	-.00136
#2	.00001	-.06156	.00050	-.00007	-.54051	.00027	-.00143
#3	-.00003	-.00310	.00066	.00091	-.53852	-.00066	-.00144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.93965	-.00032	-.01056	-.00946	.00321	-.00393	-.00050
Stddev	.02357	.00014	.00357	.00701	.00130	.00023	.00056
%RSD	2.5086	42.730	33.798	74.044	40.418	5.9645	112.53

#1	-.93896	-.00044	-.00648	-.01157	.00435	-.00368	.00012
#2	-.91643	-.00036	-.01309	-.00165	.00180	-.00414	-.00065
#3	-.96356	-.00017	-.01212	-.01518	.00349	-.00397	-.00096

Sample Name: PB117945BL Acquired: 3/15/2019 17:29:28 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01588	-.0038	.00002	F 3.9360	F<.00000
Stddev	.00068	.0005	.00003	.0978	3.7341
%RSD	4.2772	14.14	137.91	2.4848	253.96
#1	-.01563	-.0032	.00002	3.8565	-.72505
#2	-.01665	-.0039	-.00001	4.0452	-5.5209
#3	-.01536	-.0042	.00005	3.9064	1.8349
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3576.5	41280.	5607.0	35.381	3772.3
Stddev	4.6	160.	38.8	1.563	4.8
%RSD	.12747	.38836	.69185	4.4163	.12854
#1	3571.2	41465.	5606.4	37.167	3767.4
#2	3579.1	41202.	5568.5	34.708	3772.4
#3	3579.2	41175.	5646.0	34.267	3777.1

Sample Name: PB117974TB Acquired: 3/15/2019 17:38:03 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00409	-.00514	-.00221	.00100	-.00109	.00063	-.04793	-.00003
Stddev	.00279	.00175	.00096	.00393	.00117	.00795	.00111	.00009
%RSD	68.243	34.043	43.487	393.35	107.46	1259.8	2.3168	332.71

#1	-.00728	-.00565	-.00284	-.00116	-.00129	.00291	-.04812	-.00005
#2	-.00287	-.00319	-.00110	.00554	-.00215	.00719	-.04893	-.00011
#3	-.00212	-.00658	-.00268	-.00138	.00017	-.00821	-.04674	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01342	.00073	-.00042	.00003	.00870	.00014	-.06226
Stddev	.00012	.00959	.00036	.00023	.00041	.00166	.00007	.03570
%RSD	372.85	71.455	49.659	54.959	1330.5	19.041	45.933	57.350

#1	.00002	.01452	.00048	-.00055	-.00035	.00964	.00009	-.10167
#2	-.00016	.02241	.00114	-.00056	.00046	.00967	.00012	-.05301
#3	.00005	.00333	.00057	-.00015	-.00002	.00679	.00022	-.03208

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00297	.00228	255.34	-.00061	-.00027	-.88844	.00019	-.00851
Stddev	.00023	.00047	3.85	.00032	.00004	.02143	.00008	.00304
%RSD	7.6415	20.544	1.5073	52.718	13.436	2.4123	42.145	35.735

#1	.00311	.00240	259.59	-.00024	-.00026	-.87325	.00015	-.01188
#2	.00309	.00176	254.35	-.00079	-.00024	-.87913	.00028	-.00596
#3	.00271	.00267	252.08	-.00079	-.00031	-.91296	.00014	-.00769

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00826	.01035	-.00225	.00149	-.01550	-.0045	.00007	5.0178
Stddev	.00850	.00119	.00047	.00089	.00118	.0017	.00003	.1046
%RSD	102.84	11.528	21.033	59.968	7.5902	37.14	47.197	2.0838

#1	-.00238	.00932	-.00172	.00149	-.01450	-.0030	.00011	4.9105
#2	-.00440	.01166	-.00264	.00239	-.01679	-.0063	.00004	5.1194
#3	-.01800	.01008	-.00238	.00060	-.01519	-.0043	.00007	5.0235

Sample Name: PB117974TB Acquired: 3/15/2019 17:38:03 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.7948
Stddev	.5567
%RSD	9.6077

#1	6.3753
#2	5.7436
#3	5.2654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.6	38423.	5504.7	35.678	3404.0
Stddev	20.1	46.	39.1	.790	9.8
%RSD	.59352	.11904	.71049	2.2137	.28730

#1	3384.7	38372.	5473.5	34.925	3393.4
#2	3365.9	38439.	5492.1	36.500	3406.0
#3	3406.1	38460.	5548.6	35.608	3412.6

Sample Name: K1925-01MS Acquired: 3/15/2019 17:42:40 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90401	2.2206	1.0925	2.2488	.80456	2.3440	.17832
Stddev	.00378	.0043	.0048	.0133	.00394	.0216	.00153
%RSD	.41823	.19337	.44185	.59144	.48965	.92074	.85896

#1	.90502	2.2199	1.0916	2.2588	.80898	2.3452	.17709
#2	.89983	2.2166	1.0882	2.2337	.80141	2.3650	.18004
#3	.90719	2.2251	1.0978	2.2540	.80330	2.3218	.17783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22480	.21012	1.1813	.46206	.22427	.36905	3.4182
Stddev	.00062	.00117	.0071	.00128	.00117	.00192	.0218
%RSD	.27770	.55898	.60426	.27750	.52344	.52053	.63804

#1	.22551	.20974	1.1845	.46283	.22305	.36990	3.4104
#2	.22458	.20919	1.1862	.46278	.22438	.36685	3.4014
#3	.22432	.21144	1.1731	.46058	.22539	.37040	3.4429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23675	2.2808	.53349	.08714	2.7014	.31591	.23308
Stddev	.00039	.0409	.00191	.00121	.0083	.00257	.00103
%RSD	.16394	1.7941	.35804	1.3935	.30890	.81211	.44348

#1	.23643	2.3195	.53172	.08747	2.7081	.31887	.23230
#2	.23718	2.2850	.53324	.08579	2.7040	.31434	.23270
#3	.23665	2.2380	.53552	.08815	2.6920	.31453	.23425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.234	.38192	.30103	-.04927	.92050	.62003	.19817
Stddev	.057	.00161	.00181	.00427	.00738	.00094	.00266
%RSD	.55555	.42247	.60228	8.6749	.80164	.15112	1.3398

#1	10.297	.38170	.30006	-.04717	.91345	.61938	.20080
#2	10.217	.38042	.29991	-.04645	.91987	.62111	.19549
#3	10.187	.38363	.30312	-.05419	.92817	.61961	.19823

Sample Name: K1925-01MS Acquired: 3/15/2019 17:42:40 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JS-SYSTEMMS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19877	5.862	.22699	3.9220	F<.00000
Stddev	.00176	.019	.00042	.0737	1.5310
%RSD	.88470	.3194	.18597	1.8791	2.3929
#1	.19682	5.844	.22666	4.0016	-65.629
#2	.20023	5.860	.22747	3.9080	-63.708
#3	.19924	5.882	.22685	3.8562	-62.604
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.5	42014.	5817.4	37.194	3830.5
Stddev	8.3	36.	43.0	1.451	4.7
%RSD	.22678	.08533	.73953	3.9010	.12349
#1	3647.7	42028.	5826.2	37.700	3835.6
#2	3654.6	41974.	5855.4	35.558	3826.2
#3	3664.2	42041.	5770.7	38.325	3829.7

Sample Name: K1925-01MSD Acquired: 3/15/2019 17:46:47 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90297	2.2119	1.0880	2.2512	.80172	2.2703	.17497
Stddev	.00223	.0111	.0012	.0118	.00313	.0765	.00452
%RSD	.24645	.50233	.10601	.52514	.39007	3.3690	2.5817

#1	.90436	2.2242	1.0891	2.2602	.80517	2.1880	.16976
#2	.90041	2.2026	1.0868	2.2555	.80092	2.2837	.17748
#3	.90416	2.2090	1.0880	2.2378	.79907	2.3392	.17769

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21980	.20935	1.1558	.45151	.22368	.36787	3.4024
Stddev	.00481	.00041	.0032	.01090	.00077	.00028	.0175
%RSD	2.1879	.19554	.27990	2.4139	.34457	.07644	.51389

#1	.21426	.20982	1.1584	.43929	.22457	.36819	3.4173
#2	.22223	.20917	1.1522	.45502	.22325	.36768	3.4068
#3	.22291	.20906	1.1569	.46022	.22322	.36773	3.3832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23150	2.2769	.53069	.08542	2.6480	.31024	.23331
Stddev	.00512	.0029	.00122	.00261	.0258	.00615	.00057
%RSD	2.2121	.12810	.22947	3.0574	.97583	1.9825	.24628

#1	.22570	2.2796	.53204	.08272	2.6289	.30338	.23396
#2	.23340	2.2738	.52967	.08559	2.6377	.31205	.23289
#3	.23540	2.2772	.53037	.08794	2.6774	.31527	.23307

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.105	.38083	.29752	-.04123	.91593	.61741	.19495
Stddev	.021	.00108	.00681	.00702	.00450	.00139	.00237
%RSD	.21102	.28483	2.2899	17.027	.49183	.22578	1.2170

#1	10.115	.38208	.29952	-.03681	.92113	.61901	.19430
#2	10.081	.38027	.28993	-.03755	.91323	.61644	.19758
#3	10.120	.38015	.30310	-.04933	.91344	.61678	.19297

Sample Name: K1925-01MSD Acquired: 3/15/2019 17:46:47 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19588	5.853	.22512	3.8105	F<.00000
Stddev	.00212	.017	.00071	.3295	3.9339
%RSD	1.0841	.2897	.31387	8.6458	6.1711
#1	.19679	5.868	.22433	3.4301	-67.808
#2	.19345	5.835	.22533	3.9943	-63.478
#3	.19739	5.857	.22570	4.0069	-59.954
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.2	42479.	5767.0	36.567	3819.5
Stddev	13.9	924.	31.9	1.054	10.3
%RSD	.38067	2.1759	.55313	2.8823	.27006
#1	3628.7	43532.	5732.6	35.683	3807.5
#2	3655.5	42102.	5772.8	37.733	3825.5
#3	3648.4	41802.	5795.6	36.283	3825.3

Sample Name: PB117945BS Acquired: 3/15/2019 17:59:21 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81738	2.0242	.98795	2.1177	.82632	2.0361	.18763
Stddev	.00912	.0237	.00463	.0121	.00768	.0442	.00198
%RSD	1.1162	1.1681	.46834	.56909	.92964	2.1689	1.0574

#1	.82790	2.0508	.99306	2.1311	.83410	2.0071	.18990
#2	.81265	2.0055	.98405	2.1077	.81874	2.0142	.18681
#3	.81159	2.0162	.98672	2.1142	.82611	2.0869	.18619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20567	.19231	.97239	.40983	.20180	.32239	3.0278
Stddev	.00046	.00088	.02259	.00051	.00118	.00260	.0481
%RSD	.22342	.45749	2.3228	.12399	.58403	.80582	1.5869

#1	.20534	.19326	.94653	.40924	.20316	.32533	3.0627
#2	.20619	.19153	.98825	.41012	.20112	.32040	3.0477
#3	.20546	.19214	.98239	.41012	.20111	.32143	2.9730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21167	1.9697	.47723	.07931	F 2.2591	.27827	.20662
Stddev	.00052	.0122	.00210	.00072	.0168	.00160	.00071
%RSD	.24608	.62010	.44029	.90623	.74284	.57535	.34374

#1	.21107	1.9619	.47965	.07908	2.2635	.27893	.20740
#2	.21200	1.9635	.47587	.07874	2.2406	.27943	.20601
#3	.21194	1.9838	.47617	.08012	2.2733	.27644	.20645

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7912	.38613	F .25466	F -.01617	.91316	.63627	.19975
Stddev	.0329	.00289	.00897	.00801	.01692	.00314	.00361
%RSD	.37430	.74841	3.5208	49.572	1.8524	.49290	1.8056

#1	8.8218	.38928	.24997	-.01984	.92460	.63985	.20351
#2	8.7954	.38360	.24901	-.02169	.92116	.63493	.19943
#3	8.7564	.38550	.26499	-.00698	.89373	.63403	.19632

Sample Name: PB117945BS Acquired: 3/15/2019 17:59:21 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18431	F 5.411	.19907	F 4.6827	F<.00000
Stddev	.00041	.035	.00037	.0286	2.4739
%RSD	.22478	.6406	.18652	.61101	4.3056
#1	.18431	5.448	.19934	4.7157	-56.201
#2	.18390	5.379	.19865	4.6674	-60.307
#3	.18473	5.405	.19922	4.6650	-55.863
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.8	40552.	5658.0	35.303	3718.3
Stddev	7.7	128.	82.8	1.920	6.8
%RSD	.21555	.31476	1.4625	5.4372	.18200
#1	3557.5	40699.	5602.5	33.708	3714.9
#2	3563.9	40478.	5618.5	34.767	3713.9
#3	3572.8	40478.	5753.1	37.433	3726.1

Sample Name: K1925-01A Acquired: 3/15/2019 18:09:28 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80097	1.9448	.96152	1.9804	.79706	2.0500	.14433
Stddev	.00148	.0043	.00169	.0089	.00527	.0128	.00083
%RSD	.18480	.21828	.17601	.44767	.66081	.62450	.57708

#1	.80074	1.9470	.96143	1.9818	.79226	2.0377	.14424
#2	.80256	1.9399	.96326	1.9885	.80269	2.0632	.14355
#3	.79962	1.9475	.95988	1.9709	.79623	2.0490	.14521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19689	.18403	.99972	.41040	.19789	.32323	3.0023
Stddev	.00104	.00072	.01094	.00221	.00075	.00121	.0222
%RSD	.52691	.38880	1.0945	.53810	.37921	.37493	.73963

#1	.19572	.18484	1.0122	.40840	.19875	.32362	3.0250
#2	.19770	.18373	.99487	.41001	.19750	.32420	2.9806
#3	.19724	.18350	.99203	.41277	.19741	.32187	3.0013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20798	1.9705	.46433	.07750	2.1185	.27272	.20706
Stddev	.00072	.0538	.00014	.00014	.0199	.00109	.00010
%RSD	.34737	2.7308	.02933	.17443	.94024	.40105	.04984

#1	.20753	1.9335	.46436	.07735	2.1415	.27379	.20703
#2	.20881	2.0323	.46445	.07754	2.1087	.27160	.20698
#3	.20760	1.9459	.46418	.07761	2.1055	.27277	.20717

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5114	.37606	.26684	-.04288	.89988	.61334	.19385
Stddev	.0457	.00123	.01036	.00349	.01129	.00101	.00268
%RSD	.53639	.32733	3.8815	8.1404	1.2550	.16418	1.3840

#1	8.5578	.37537	.27871	-.04602	.90731	.61407	.19695
#2	8.5098	.37748	.26216	-.04350	.88689	.61219	.19218
#3	8.4666	.37533	.25964	-.03912	.90545	.61374	.19244

Sample Name: K1925-01A Acquired: 3/15/2019 18:09:28 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JS-SYSTEMMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16803	5.159	.19524	4.5935	F<.00000
Stddev	.00181	.008	.00071	.1301	3.4661
%RSD	1.0752	.1520	.36462	2.8314	6.2117

#1	.16781	5.168	.19591	4.4806	-59.327
#2	.16993	5.157	.19449	4.7358	-55.676
#3	.16634	5.153	.19531	4.5642	-52.398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.5	41258.	5828.5	36.108	3810.9
Stddev	6.7	179.	47.7	1.125	1.6
%RSD	.18505	.43266	.81823	3.1159	.04184

#1	3625.4	41464.	5773.5	37.392	3809.5
#2	3614.9	41140.	5852.9	35.642	3812.6
#3	3627.3	41172.	5859.0	35.292	3810.5

Sample Name: CCV06 Acquired: 3/15/2019 18:13:35 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2456	4.9776	5.0612	5.1558	5.2558	10.391	9.1647
Stddev	.0224	.0074	.0135	.0146	.0129	.098	.0310
%RSD	.42738	.14822	.26760	.28290	.24514	.94567	.33778

#1	5.2217	4.9769	5.0457	5.1395	5.2421	10.354	9.1854
#2	5.2490	4.9706	5.0710	5.1603	5.2677	10.317	9.1796
#3	5.2662	4.9853	5.0669	5.1677	5.2576	10.502	9.1291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25407	2.4927	23.584	1.0259	2.5396	1.2605	4.7727
Stddev	.00057	.0044	.017	.0017	.0041	.0050	.0550
%RSD	.22464	.17623	.07180	.16469	.16079	.39596	1.1515

#1	.25360	2.4879	23.598	1.0277	2.5350	1.2549	4.7779
#2	.25391	2.4965	23.565	1.0256	2.5407	1.2643	4.8249
#3	.25470	2.4937	23.589	1.0244	2.5430	1.2623	4.7153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5542	24.564	2.3603	1.3620	F 22.317	2.3054	2.6098
Stddev	.0044	.058	.0061	.0059	.146	.0069	.0041
%RSD	.17302	.23489	.25655	.42955	.65636	.29999	.15591

#1	2.5507	24.509	2.3533	1.3566	22.412	2.3113	2.6059
#2	2.5592	24.560	2.3638	1.3614	22.392	2.3070	2.6094
#3	2.5528	24.624	2.3638	1.3682	22.149	2.2978	2.6140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.494	4.8211	F 4.3548	4.9174	4.6828	4.6453	4.9474
Stddev	.075	.0064	.0059	.0309	.0354	.0114	.0129
%RSD	.33147	.13217	.13578	.62792	.75506	.24540	.25976

#1	22.527	4.8144	4.3507	4.8867	4.6908	4.6322	4.9507
#2	22.546	4.8270	4.3616	4.9172	4.7135	4.6516	4.9332
#3	22.408	4.8220	4.3521	4.9485	4.6442	4.6523	4.9583

Sample Name: CCV06 Acquired: 3/15/2019 18:13:35 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8024 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	4.7090	4.946	4.9561	F 5.6804	F<.00000
Stddev	.0173	.018	.0178	.0856	1.6785
%RSD	.36636	.3716	.35946	1.5075	52.718

#1	4.7211	4.940	4.9594	5.6018	-2.3791
#2	4.7167	4.930	4.9721	5.6676	-2.0595
#3	4.6892	4.966	4.9369	5.7717	-5.1133

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.1	38858.	5693.1	34.725	3433.1
Stddev	5.6	63.	39.7	1.116	1.6
%RSD	.16068	.16252	.69787	3.2140	.04752

#1	3478.8	38931.	5679.8	35.239	3434.8
#2	3473.0	38813.	5661.7	33.445	3433.1
#3	3467.6	38831.	5737.7	35.492	3431.5

Sample Name: CCB06 Acquired: 3/15/2019 18:17:34 Type: Unk
Method: P4-ICP2(v2948) 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	-.00253	.00033	-.00018	.00243	.00002	.00661	-.04617
Stddev	.00173	.00194	.00042	.00149	.00042	.00833	.00240
%RSD	68.348	582.83	239.07	61.536	2082.9	126.03	5.2001

#1	-.00311	.00215	-.00032	.00076	.00043	.01308	-.04342
#2	-.00058	.00056	-.00051	.00364	-.00040	-.00279	-.04721
#3	-.00388	-.00171	.00030	.00288	.00003	.00953	-.04786

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	.00226	-.00023	-.00026	-.00013	-.00311
Stddev	.00002	.00007	.00873	.00007	.00014	.00009	.00087
%RSD	824.85	162.60	386.76	30.641	55.629	68.909	28.023

#1	.00000	-.00003	-.00227	-.00029	-.00041	-.00003	-.00391
#2	.00002	.00009	.01232	-.00025	-.00013	-.00019	-.00323
#3	-.00003	.00006	-.00328	-.00015	-.00022	-.00017	-.00218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00469	.00088	.00129	-.53031	-.00053	-.00088
Stddev	.00008	.01385	.00022	.00029	.01513	.00022	.00003
%RSD	205.98	295.15	25.289	22.233	2.8523	40.757	2.8711

#1	-.00005	-.01549	.00112	.00106	-.53725	-.00064	-.00087
#2	.00007	-.00951	.00084	.00121	-.54072	-.00028	-.00090
#3	.00010	.01093	.00068	.00161	-.51296	-.00068	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14393	.00007	.00283	-.00782	.00345	-.00269	.00098
Stddev	.05150	.00016	.00385	.01263	.00108	.00066	.00043
%RSD	35.780	236.50	136.02	161.44	31.242	24.463	43.865

#1	.13962	-.00005	.00317	-.01493	.00402	-.00328	.00146
#2	.09472	.00000	.00651	.00676	.00221	-.00198	.00084
#3	.19745	.00024	-.00118	-.01530	.00412	-.00280	.00063

Sample Name: CCB06 Acquired: 3/15/2019 18:17:34 Type: Unk
 Method: P4-ICP2(v2948) 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 -.01469	-.0044	.00009	F 5.0484	F<.00000
Stddev	.00231	.0009	.00005	.1078	.19169
%RSD	15.750	19.62	53.619	2.1346	4.8690

#1	-.01616	-.0052	.00013	5.1189	-4.0936
#2	-.01589	-.0044	.00004	5.1020	-3.9940
#3	-.01202	-.0035	.00009	4.9244	-3.7232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.3	40194.	5692.6	36.183	3770.0
Stddev	12.3	117.	16.0	1.380	7.2
%RSD	.34220	.29111	.28149	3.8135	.19006

#1	3587.2	40099.	5681.2	36.317	3762.3
#2	3610.0	40159.	5685.6	34.742	3771.2
#3	3606.6	40325.	5710.9	37.492	3776.5

Sample Name: K1903-05MS Acquired: 3/15/2019 18:22:03 Type: Unk
Method: P4-ICP2(v2948) 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	.87190	2.0422	1.0193	2.1533	.88349	2.2702	.23902
Stddev	.00200	.0036	.0039	.0032	.00150	.0266	.00209
%RSD	.22898	.17650	.38136	.15096	.17005	1.1721	.87355

#1	.87417	2.0462	1.0206	2.1521	.88520	2.2412	.23705
#2	.87042	2.0392	1.0149	2.1509	.88238	2.2759	.23879
#3	.87110	2.0413	1.0223	2.1570	.88288	2.2935	.24120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21814	.19362	101.55	.43250	.20690	.32642	2.9498
Stddev	.00040	.00091	1.36	.00257	.00080	.00173	.0381
%RSD	.18350	.46943	1.3347	.59369	.38607	.52897	1.2915

#1	.21833	.19456	103.09	.42955	.20759	.32515	2.9908
#2	.21768	.19275	101.01	.43420	.20603	.32839	2.9431
#3	.21840	.19354	100.55	.43376	.20708	.32573	2.9156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27433	17.513	.47976	.08405	25.323	.29695	.24092
Stddev	.00052	.067	.00151	.00045	.198	.00032	.00109
%RSD	.18885	.38448	.31388	.53440	.78309	.10676	.45161

#1	.27405	17.577	.48064	.08426	25.548	.29658	.24206
#2	.27401	17.521	.47802	.08436	25.246	.29707	.23989
#3	.27493	17.442	.48062	.08354	25.174	.29718	.24082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.735	.41348	.32213	3.7766	F 16.569	.67918	.20769
Stddev	.158	.00076	.00819	.0466	.250	.00266	.00283
%RSD	1.0752	.18459	2.5438	1.2352	1.5074	.39102	1.3649

#1	14.886	.41401	.32890	3.7671	16.854	.67920	.21081
#2	14.749	.41260	.31302	3.7355	16.465	.67651	.20696
#3	14.570	.41383	.32447	3.8273	16.388	.68182	.20528

Sample Name: K1903-05MS Acquired: 3/15/2019 18:22:03 Type: Unk
Method: P4-ICP2(v2948) 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	.19869	6.314	.59329	5.5627	F<.00000
Stddev	.00096	.022	.00526	.1005	4.5910
%RSD	.48294	.3526	.88723	1.8072	12.715

#1	.19771	6.334	.59929	5.4569	-39.734
#2	.19963	6.290	.59112	5.6570	-30.945
#3	.19874	6.317	.58946	5.5742	-37.641

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.0	39452.	5862.9	35.732	3585.2
Stddev	9.6	55.	77.1	.532	4.2
%RSD	.27521	.14045	1.3143	1.4894	.11600

#1	3514.3	39512.	5774.0	35.923	3582.9
#2	3495.0	39443.	5904.4	36.143	3590.0
#3	3505.8	39402.	5910.2	35.131	3582.7

Sample Name: K1903-05MSD Acquired: 3/15/2019 18:26:11 Type: Unk
Method: P4-ICP2(v2948) 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	.89030	2.0880	1.0416	2.2013	.91080	2.3306	.25014
Stddev	.00386	.0139	.0051	.0096	.00435	.0126	.00508
%RSD	.43377	.66696	.49320	.43457	.47707	.53916	2.0319

#1	.89352	2.0903	1.0464	2.2033	.91507	2.3238	.25598
#2	.89135	2.1007	1.0421	2.2098	.91094	2.3451	.24774
#3	.88602	2.0731	1.0362	2.1910	.90638	2.3229	.24669

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22244	.19817	103.09	.44179	.21128	.33361	2.9958
Stddev	.00046	.00139	1.13	.00232	.00134	.00181	.0354
%RSD	.20661	.70113	1.0956	.52415	.63433	.54387	1.1826

#1	.22191	.19918	104.31	.44413	.21240	.33571	3.0366
#2	.22265	.19875	102.90	.44174	.21163	.33256	2.9784
#3	.22276	.19659	102.07	.43950	.20979	.33257	2.9724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27946	17.892	.48997	.08528	25.786	.30463	.24702
Stddev	.00028	.033	.00333	.00074	.386	.00316	.00146
%RSD	.10126	.18211	.68032	.87314	1.4981	1.0387	.59004

#1	.27975	17.918	.49304	.08532	26.232	.30552	.24795
#2	.27919	17.903	.49045	.08600	25.572	.30725	.24776
#3	.27945	17.855	.48643	.08451	25.554	.30112	.24534

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.896	.42170	.31658	3.8403	F 16.834	.69316	.21171
Stddev	.241	.00186	.00393	.0435	.170	.00511	.00185
%RSD	1.6207	.44120	1.2418	1.1336	1.0122	.73677	.87521

#1	15.173	.42318	.31870	3.8743	17.030	.69704	.21068
#2	14.780	.42232	.31204	3.8554	16.753	.69507	.21384
#3	14.734	.41961	.31899	3.7912	16.720	.68738	.21060

Sample Name: K1903-05MSD Acquired: 3/15/2019 18:26:11 Type: Unk
Method: P4-ICP2(v2948) 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	.20473	6.462	.60194	5.7184	F<.00000
Stddev	.00044	.038	.00621	.0972	1.8092
%RSD	.21566	.5857	1.0315	1.7005	4.9643
#1	.20506	6.496	.60910	5.8275	-34.356
#2	.20489	6.470	.59863	5.6409	-37.528
#3	.20423	6.421	.59809	5.6867	-37.448
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.9	38653.	5778.6	36.808	3513.6
Stddev	3.0	69.	65.4	1.894	6.0
%RSD	.08721	.17755	1.1321	5.1454	.17103
#1	3430.0	38593.	5703.4	37.178	3510.3
#2	3430.4	38638.	5810.4	38.490	3509.9
#3	3435.3	38728.	5822.1	34.757	3520.5

Sample Name: K1903-05A Acquired: 3/15/2019 18:30:18 Type: Unk
Method: P4-ICP2(v2948) 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	.89298	2.0905	1.0393	2.2073	.91231	2.3107	.25204
Stddev	.00126	.0127	.0031	.0130	.00141	.0180	.00109
%RSD	.14137	.60877	.29595	.58775	.15408	.77938	.43250

#1	.89387	2.0759	1.0358	2.2223	.91069	2.3034	.25128
#2	.89355	2.0993	1.0405	2.2004	.91324	2.3312	.25156
#3	.89154	2.0964	1.0416	2.1993	.91299	2.2975	.25329

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22337	.19781	104.25	.44059	.21125	.33293	3.0241
Stddev	.00024	.00086	.54	.00231	.00095	.00190	.0286
%RSD	.10915	.43717	.51790	.52477	.44995	.57147	.94575

#1	.22309	.19681	104.81	.43808	.21041	.33471	3.0510
#2	.22356	.19837	104.22	.44264	.21107	.33092	3.0274
#3	.22345	.19825	103.73	.44105	.21228	.33316	2.9940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28028	17.845	.48922	.08462	26.118	.30214	.24593
Stddev	.00122	.025	.00282	.00086	.175	.00181	.00079
%RSD	.43572	.13835	.57726	1.0190	.67040	.59786	.32182

#1	.27953	17.857	.48626	.08377	26.232	.30037	.24501
#2	.28169	17.817	.49188	.08460	26.206	.30398	.24636
#3	.27963	17.862	.48953	.08549	25.917	.30207	.24641

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.233	.42335	.31863	3.8611	F 17.030	.68940	.21110
Stddev	.153	.00180	.01383	.0357	.147	.00514	.00076
%RSD	1.0017	.42442	4.3407	.92572	.86246	.74538	.35981

#1	15.311	.42519	.31193	3.8469	17.180	.68366	.21092
#2	15.332	.42326	.33453	3.9017	17.022	.69356	.21044
#3	15.058	.42160	.30942	3.8346	16.886	.69099	.21193

Sample Name: K1903-05A Acquired: 3/15/2019 18:30:18 Type: Unk
 Method: P4-ICP2(v2948) 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	.20655	6.445	.61099	5.8369	F<.00000
Stddev	.00211	.031	.00417	.1024	1.5141
%RSD	1.0201	.4745	.68250	1.7550	4.0939
#1	.20622	6.410	.61474	5.7357	-35.450
#2	.20880	6.465	.61172	5.9405	-38.478
#3	.20462	6.461	.60650	5.8344	-37.024
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.3	38527.	5689.1	34.891	3506.7
Stddev	2.3	138.	49.0	1.254	28.0
%RSD	.06811	.35937	.86212	3.5943	.79811
#1	3410.4	38626.	5650.7	35.587	3539.0
#2	3413.9	38369.	5672.2	33.443	3491.6
#3	3409.6	38586.	5744.3	35.643	3489.5

Sample Name: K1903-06 Acquired: 3/15/2019 18:34:25 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00404	-.00159	.02051	-.00209	-.00356	.00951	.25575	.00008
Stddev	.00331	.00260	.00162	.00131	.00198	.00520	.00094	.00005
%RSD	82.053	163.43	7.8891	62.685	55.585	54.711	.36946	65.712

#1	-.00787	.00096	.02234	-.00226	-.00335	.01474	.25673	.00014
#2	-.00208	-.00149	.01926	-.00070	-.00170	.00946	.25568	.00007
#3	-.00217	-.00424	.01994	-.00331	-.00563	.00433	.25484	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	289.49	-.00030	-.00021	.00841	2.1348	.97526	60.655
Stddev	.00008	.41	.00029	.00042	.00044	.0271	.00203	.175
%RSD	38.533	.14006	95.340	200.43	5.2370	1.2675	.20791	.28906

#1	-.00018	289.26	-.00032	-.00057	.00830	2.1389	.97335	60.646
#2	-.00032	289.96	-.00058	.00025	.00803	2.1596	.97504	60.485
#3	-.00016	289.25	-.00001	-.00030	.00889	2.1059	.97738	60.835

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00104	87.146	-.00105	.04329	23.629	.00042	.26826
Stddev	.00026	.00074	.344	.00040	.00009	.072	.00020	.00306
%RSD	23.215	71.120	.39510	38.338	.20238	.30329	47.979	1.1409

#1	-.00137	-.00035	87.511	-.00069	.04327	23.711	.00055	.27160
#2	-.00085	-.00183	87.100	-.00098	.04322	23.598	.00052	.26761
#3	-.00116	-.00095	86.827	-.00148	.04339	23.579	.00019	.26558

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8770	F 28.000	-.00214	-.01101	.09989	.1329	1.3015	6.0670
Stddev	.0107	.135	.00091	.00068	.00096	.0005	.0021	.1851
%RSD	.37117	.48228	42.510	6.1592	.95861	.4049	.16177	3.0513

#1	2.8873	28.148	-.00303	-.01044	.09959	.1333	1.3032	6.0317
#2	2.8776	27.968	-.00122	-.01176	.09912	.1323	1.3022	5.9020
#3	2.8660	27.883	-.00216	-.01082	.10096	.1331	1.2991	6.2672

Sample Name: K1903-06 Acquired: 3/15/2019 18:34:25 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	19.292
Stddev	2.162
%RSD	11.204

#1	18.699
#2	21.688
#3	17.488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3294.5	37101.	5674.9	34.289	3268.9
Stddev	5.0	85.	23.4	2.243	5.9
%RSD	.15278	.22867	.41256	6.5416	.18146

#1	3290.0	37178.	5648.9	36.776	3275.6
#2	3293.6	37116.	5681.5	32.420	3264.6
#3	3299.9	37010.	5694.3	33.670	3266.3

Sample Name: K1903-07 Acquired: 3/15/2019 18:38:48 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	-.00153	.01826	-.00123	-.00131	.04489	.14264	.00009
Stddev	.00040	.00166	.00078	.00257	.00065	.00277	.00584	.00005
%RSD	100.12	108.81	4.2782	209.28	49.504	6.1772	4.0941	54.372
#1	-.00059	.00009	.01916	.00174	-.00090	.04470	.14091	.00007
#2	.00006	-.00145	.01790	-.00273	-.00205	.04222	.13787	.00005
#3	-.00068	-.00322	.01773	-.00269	-.00096	.04776	.14916	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	192.00	-.00067	.00115	.00702	.32356	.99704	43.953
Stddev	.00005	.71	.00037	.00008	.00033	.00487	.00336	.206
%RSD	48.305	.36851	54.631	6.6104	4.7380	1.5036	.33672	.46936
#1	-.00007	192.26	-.00029	.00120	.00740	.32617	.99844	43.810
#2	-.00008	191.20	-.00102	.00119	.00685	.31794	.99948	43.860
#3	-.00016	192.54	-.00071	.00107	.00680	.32656	.99321	44.189
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00313	-.00035	70.725	.00850	.03610	18.769	.00376	.14138
Stddev	.00014	.00039	.148	.00012	.00009	.090	.00037	.00636
%RSD	4.5575	110.71	.20923	1.4704	.25280	.48156	9.7513	4.4982
#1	.00301	-.00079	70.895	.00862	.03600	18.773	.00364	.13808
#2	.00329	-.00012	70.622	.00837	.03619	18.676	.00418	.14871
#3	.00310	-.00013	70.660	.00850	.03610	18.857	.00347	.13735
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1428	F 25.796	-.00159	-.00509	.04601	.1564	1.1587	6.0248
Stddev	.0174	.132	.00163	.00115	.00254	.0006	.0018	.1778
%RSD	1.5233	.51013	102.64	22.507	5.5185	.3827	.15185	2.9506
#1	1.1593	25.814	-.00113	-.00438	.04889	.1570	1.1592	5.9738
#2	1.1444	25.656	-.00340	-.00642	.04409	.1559	1.1567	6.2224
#3	1.1246	25.918	-.00024	-.00449	.04505	.1564	1.1601	5.8780

Sample Name: K1903-07 Acquired: 3/15/2019 18:38:48 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	28.013
Stddev	2.116
%RSD	7.5530

#1	30.285
#2	26.098
#3	27.658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.8	37406.	5679.0	35.409	3358.1
Stddev	15.3	243.	3.8	1.058	7.9
%RSD	.45693	.64949	.06724	2.9889	.23452

#1	3340.5	37464.	5675.1	34.450	3357.6
#2	3355.7	37140.	5682.7	35.231	3350.4
#3	3371.2	37615.	5679.4	36.545	3366.2

Sample Name: K1909-01 Acquired: 3/15/2019 18:43:12 Type: Unk
Method: P4-ICP2(v2948) 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	.00150	-.00334	.04563	-.00171	-.00045	1.8309	.07334
Stddev	.00221	.00119	.00162	.00221	.00019	.0102	.00288
%RSD	147.47	35.765	3.5490	128.84	41.211	.55641	3.9266

#1	.00125	-.00234	.04453	-.00331	-.00058	1.8301	.07515
#2	-.00058	-.00466	.04486	.00080	-.00024	1.8415	.07002
#3	.00381	-.00301	.04749	-.00263	-.00053	1.8212	.07484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00040	47.549	.00381	.00235	.04082	3.4087
Stddev	.00008	.00006	.507	.00014	.00018	.00053	.0510
%RSD	46.975	15.316	1.0673	3.7465	7.6812	1.3084	1.4955

#1	.00009	.00046	47.798	.00393	.00252	.04040	3.4438
#2	.00025	.00034	47.884	.00385	.00239	.04064	3.4320
#3	.00021	.00040	46.965	.00365	.00216	.04143	3.3502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15236	11.487	.00953	.00064	33.940	.00436	.17445
Stddev	.00192	.062	.00008	.00063	.348	.00062	.00104
%RSD	1.2600	.54067	.86347	99.113	1.0248	14.116	.59547

#1	.15378	11.481	.00952	.00136	34.016	.00419	.17339
#2	.15313	11.551	.00962	.00028	34.243	.00386	.17450
#3	.15018	11.428	.00945	.00026	33.560	.00505	.17546

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9970	.00698	.07329	5.0435	5.6630	-.00360	.06160
Stddev	.0399	.00052	.00842	.0247	.0686	.00068	.00231
%RSD	.99882	7.3780	11.491	.48905	1.2106	18.879	3.7497

#1	3.9737	.00640	.06591	5.0273	5.7081	-.00415	.06224
#2	4.0431	.00715	.07148	5.0312	5.6967	-.00381	.05904
#3	3.9743	.00739	.08246	5.0719	5.5841	-.00284	.06352

Sample Name: K1909-01 Acquired: 3/15/2019 18:43:12 Type: Unk
 Method: P4-ICP2(v2948) 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	.10253	.1732	.41225	5.2443	F<.00000
Stddev	.00126	.0009	.00360	.1583	2.1644
%RSD	1.2315	.4997	.87392	3.0177	17.662

#1	.10371	.1729	.41391	5.3829	-14.211
#2	.10120	.1726	.41472	5.2782	-12.623
#3	.10267	.1742	.40811	5.0718	-9.9298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.5	39667.	5807.9	36.151	3649.2
Stddev	19.5	333.	57.1	.752	15.3
%RSD	.54919	.83903	.98338	2.0811	.41804

#1	3562.9	39374.	5767.4	35.328	3663.7
#2	3540.6	39598.	5783.1	36.321	3650.6
#3	3524.1	40029.	5873.3	36.803	3633.3

Sample Name: K1909-02 Acquired: 3/15/2019 18:47:34 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00108	.06107	.00282	.00009	.19989	.12790	.00011
Stddev	.00191	.00067	.00093	.00062	.00090	.00936	.00711	.00002
%RSD	1666.5	62.201	1.5228	22.023	953.87	4.6826	5.5573	18.372

#1	-.00194	-.00036	.06006	.00210	-.00083	.20937	.13611	.00013
#2	.00184	-.00120	.06190	.00313	.00015	.19065	.12374	.00009
#3	.00045	-.00169	.06126	.00322	.00097	.19966	.12386	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	38.397	.00150	.00016	.00939	.32973	.03390	17.892
Stddev	.00006	.108	.00031	.00009	.00071	.00462	.00007	.116
%RSD	3.9957	.28038	20.429	60.406	7.6044	1.4017	.20814	.64745

#1	.00148	38.294	.00165	.00022	.00962	.33449	.03382	17.811
#2	.00160	38.388	.00171	.00005	.00860	.32946	.03393	18.025
#3	.00151	38.508	.00115	.00020	.00997	.32526	.03395	17.841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00832	.00093	36.497	.00115	.63493	4.0951	.00556	.04870
Stddev	.00025	.00034	.106	.00048	.00254	.0253	.00041	.00551
%RSD	2.9483	36.795	.28914	41.605	.39933	.61753	7.3060	11.304

#1	.00852	.00130	36.432	.00076	.63342	4.0684	.00536	.04636
#2	.00839	.00063	36.440	.00100	.63350	4.0984	.00530	.05499
#3	.00805	.00085	36.619	.00168	.63785	4.1187	.00603	.04476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0823	7.8455	-.00503	.01077	-.00787	.0742	.20948	5.1807
Stddev	.0416	.0131	.00069	.00103	.00107	.0014	.00082	.1427
%RSD	.51526	.16715	13.610	9.5790	13.590	1.894	.39070	2.7551

#1	8.0671	7.8552	-.00453	.00958	-.00692	.0731	.20853	5.2624
#2	8.0504	7.8507	-.00476	.01143	-.00903	.0758	.20990	5.0159
#3	8.1294	7.8306	-.00582	.01130	-.00766	.0738	.21000	5.2639

Sample Name: K1909-02 Acquired: 3/15/2019 18:47:34 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.227
Stddev	3.205
%RSD	26.211

#1	10.599
#2	10.164
#3	15.920

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.8	39469.	5836.6	36.923	3614.7
Stddev	15.7	111.	5.5	1.156	15.5
%RSD	.44996	.28000	.09438	3.1296	.42762

#1	3514.6	39418.	5838.4	36.241	3624.6
#2	3501.6	39596.	5830.4	36.270	3622.7
#3	3483.3	39394.	5840.9	38.257	3596.9

Sample Name: K1909-03 Acquired: 3/15/2019 18:51:57 Type: Unk
Method: P4-ICP2(v2948) 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	.01714	-.00023	.03557	-.00072	-.00008	.52656	.43040
Stddev	.00026	.00139	.00097	.00362	.00072	.01514	.00480
%RSD	1.5372	596.38	2.7178	502.80	938.71	2.8752	1.1162

#1	.01741	-.00175	.03668	-.00458	-.00078	.53601	.42632
#2	.01688	.00008	.03492	-.00019	-.00011	.50910	.42920
#3	.01713	.00097	.03511	.00261	.00066	.53457	.43570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00004	44.136	.00187	.00194	.00215	5.1502
Stddev	.00005	.00007	.197	.00039	.00013	.00066	.0427
%RSD	22.903	155.26	.44624	21.054	6.6463	30.842	.82827

#1	.00016	-.00003	43.962	.00157	.00205	.00288	5.1495
#2	.00025	-.00011	44.097	.00232	.00180	.00199	5.1080
#3	.00021	.00002	44.350	.00172	.00198	.00158	5.1933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20814	28.944	.00614	-.00005	46.108	.00214	.27713
Stddev	.00152	.045	.00046	.00046	.234	.00024	.00081
%RSD	.72920	.15677	7.4766	1008.5	.50767	11.237	.29084

#1	.20975	28.895	.00563	-.00054	46.251	.00229	.27804
#2	.20794	28.985	.00626	.00038	45.838	.00227	.27684
#3	.20674	28.951	.00652	.00002	46.235	.00186	.27651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9585	.00425	.11936	F 12.023	F 16.976	-.00631	.02640
Stddev	.0242	.00052	.00807	.020	.148	.00051	.00158
%RSD	.40594	12.240	6.7627	.16437	.87392	8.0103	5.9741

#1	5.9854	.00422	.11541	12.018	16.985	-.00585	.02590
#2	5.9384	.00374	.12865	12.007	16.823	-.00624	.02513
#3	5.9518	.00478	.11402	12.045	17.120	-.00685	.02816

Sample Name: K1909-03 Acquired: 3/15/2019 18:51:57 Type: Unk
Method: P4-ICP2(v2948) 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	.00449	.1744	.33444	5.3468	F<.00000
Stddev	.00096	.0032	.00134	.1776	2.3358
%RSD	21.377	1.818	.40059	3.3223	7.6053

#1	.00470	.1773	.33383	5.1492	-31.942
#2	.00533	.1748	.33351	5.3980	-32.177
#3	.00344	.1710	.33598	5.4932	-28.019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.9	38976.	5782.2	35.455	3552.1
Stddev	9.0	37.	51.3	.868	13.2
%RSD	.25962	.09608	.88668	2.4492	.37249

#1	3464.9	38999.	5785.4	34.611	3540.8
#2	3447.6	38932.	5831.7	35.408	3548.9
#3	3452.3	38995.	5729.4	36.346	3566.7

Sample Name: K1909-04 Acquired: 3/15/2019 18:56:18 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00101	.01836	-.00171	-.00025	.31969	.12796	.00013
Stddev	.00214	.00109	.00052	.00194	.00111	.01106	.00217	.00007
%RSD	130.15	107.81	2.8591	113.95	436.71	3.4590	1.6947	53.232
#1	-.00187	-.00225	.01863	-.00322	-.00137	.33162	.12924	.00019
#2	-.00367	-.00019	.01869	.00049	.00085	.30978	.12918	.00016
#3	.00060	-.00060	.01775	-.00239	-.00024	.31766	.12546	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	61.674	.00192	.00042	.00960	.58808	.02218	24.395
Stddev	.00010	.563	.00025	.00009	.00025	.00481	.00006	.026
%RSD	19.117	.91301	12.809	20.532	2.5776	.81813	.27706	.10472
#1	.00050	62.280	.00220	.00034	.00988	.59362	.02219	24.368
#2	.00043	61.167	.00180	.00051	.00951	.58497	.02223	24.398
#3	.00062	61.575	.00175	.00040	.00941	.58565	.02211	24.419
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00509	.00033	58.276	.00177	.23594	5.3968	.00572	.07464
Stddev	.00038	.00064	.459	.00008	.00135	.0230	.00026	.00330
%RSD	7.5611	193.13	.78815	4.6949	.57067	.42554	4.4603	4.4216
#1	.00549	-.00040	58.731	.00172	.23749	5.3965	.00569	.07084
#2	.00505	.00058	57.812	.00187	.23531	5.3740	.00599	.07623
#3	.00472	.00081	58.285	.00172	.23503	5.4199	.00548	.07684
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.065	9.6080	-.00751	.01668	-.00283	.0618	.36782	5.3451
Stddev	.097	.0217	.00075	.00115	.00207	.0011	.00307	.1179
%RSD	.68655	.22617	9.9313	6.8798	73.041	1.752	.83538	2.2051
#1	14.176	9.6319	-.00680	.01747	-.00049	.0623	.37120	5.2876
#2	14.005	9.5895	-.00829	.01721	-.00358	.0606	.36518	5.2671
#3	14.013	9.6027	-.00744	.01536	-.00441	.0626	.36710	5.4807

Sample Name: K1909-04 Acquired: 3/15/2019 18:56:18 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.521
Stddev	3.469
%RSD	22.351

#1	12.994
#2	14.092
#3	19.476

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.5	38798.	5726.1	36.774	3556.0
Stddev	10.2	1.	19.7	.865	17.1
%RSD	.29469	.00327	.34467	2.3535	.48118

#1	3466.0	38799.	5704.2	35.776	3536.8
#2	3445.7	38797.	5742.5	37.319	3569.6
#3	3457.8	38797.	5731.6	37.227	3561.7

Sample Name: K1909-05 Acquired: 3/15/2019 19:00:40 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01454	-.00053	.02060	-.00087	.00015	.60743	.03541	.00014
Stddev	.00044	.00145	.00093	.00120	.00141	.01173	.00126	.00004
%RSD	3.0103	274.26	4.5321	137.25	926.93	1.9314	3.5535	25.705

#1	.01404	-.00115	.01970	-.00212	-.00111	.61724	.03686	.00018
#2	.01487	-.00156	.02156	-.00077	.00167	.59443	.03475	.00011
#3	.01470	.00113	.02055	.00027	-.00010	.61062	.03461	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	48.845	.00205	.00151	.01370	1.7544	.24408	19.051
Stddev	.00005	.205	.00005	.00006	.00023	.0098	.00019	.157
%RSD	1288.2	.41992	2.4669	3.7303	1.6505	.55922	.07815	.82668

#1	-.00001	48.959	.00200	.00151	.01350	1.7431	.24407	19.157
#2	-.00004	48.967	.00209	.00156	.01395	1.7604	.24389	19.127
#3	.00006	48.608	.00208	.00145	.01367	1.7598	.24427	18.870

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	-.00003	25.020	.00182	.07366	4.5029	.00557	.07163
Stddev	.00047	.00054	.028	.00016	.00064	.0215	.00041	.00202
%RSD	8.8033	1921.6	.11034	8.9987	.86274	.47641	7.3136	2.8219

#1	.00567	-.00042	24.997	.00195	.07293	4.4783	.00526	.07332
#2	.00483	-.00024	25.051	.00164	.07397	4.5127	.00542	.07217
#3	.00564	.00058	25.012	.00186	.07409	4.5177	.00603	.06939

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6533	6.0214	-.00406	.02509	-.01019	.2936	.17176	5.1162
Stddev	.0596	.0550	.00086	.00032	.00159	.0023	.00008	.1284
%RSD	1.0538	.91373	21.089	1.2869	15.638	.7941	.04821	2.5105

#1	5.5846	6.0262	-.00502	.02484	-.00953	.2910	.17185	5.2498
#2	5.6889	6.0738	-.00339	.02545	-.01200	.2944	.17172	5.1049
#3	5.6865	5.9641	-.00376	.02497	-.00903	.2955	.17170	4.9937

Sample Name: K1909-05 Acquired: 3/15/2019 19:00:40 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88978
Stddev 3.2555
%RSD 365.88

#1 -1.8977
#2 .09930
#3 4.4678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.8	39615.	5860.5	35.722	3616.0
Stddev	4.4	125.	42.7	2.000	15.1
%RSD	.12452	.31628	.72863	5.5993	.41879

#1	3518.5	39557.	5851.9	34.615	3633.1
#2	3515.9	39758.	5822.9	34.519	3610.3
#3	3510.0	39528.	5906.9	38.030	3604.5

Sample Name: CCV07 Acquired: 3/15/2019 19:05:02 Type: Unk
Method: P4-ICP2(v2948) 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	5.2252	4.9859	5.0484	5.1649	5.2519	10.468	9.2099
Stddev	.0052	.0262	.0201	.0151	.0113	.037	.0403
%RSD	.09917	.52439	.39847	.29238	.21437	.35534	.43707

#1	5.2291	5.0090	5.0676	5.1723	5.2641	10.440	9.2221
#2	5.2193	4.9575	5.0275	5.1749	5.2419	10.453	9.2426
#3	5.2271	4.9912	5.0500	5.1475	5.2496	10.510	9.1649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25511	2.4934	24.051	1.0381	2.5372	1.2621	4.8197
Stddev	.00123	.0112	.080	.0019	.0104	.0022	.0342
%RSD	.48373	.44715	.33236	.18687	.40848	.17739	.70932

#1	.25392	2.5053	24.045	1.0379	2.5485	1.2646	4.8309
#2	.25502	2.4832	24.134	1.0401	2.5281	1.2613	4.8469
#3	.25638	2.4918	23.975	1.0363	2.5350	1.2603	4.7813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5704	24.790	2.3734	1.3660	F 22.240	2.3358	2.6058
Stddev	.0032	.063	.0145	.0017	.077	.0082	.0108
%RSD	.12419	.25316	.60963	.12326	.34840	.35086	.41481

#1	2.5669	24.806	2.3881	1.3658	22.294	2.3274	2.6174
#2	2.5733	24.843	2.3592	1.3678	22.275	2.3437	2.5960
#3	2.5709	24.721	2.3729	1.3645	22.151	2.3362	2.6041

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.705	4.8623	F 4.4044	4.9432	4.7257	4.6772	5.0079
Stddev	.088	.0086	.0234	.0461	.0348	.0283	.0098
%RSD	.38604	.17578	.53157	.93350	.73609	.60506	.19666

#1	22.706	4.8710	4.4121	4.9962	4.7074	4.6979	5.0024
#2	22.792	4.8619	4.4229	4.9221	4.7658	4.6450	5.0192
#3	22.617	4.8539	4.3781	4.9114	4.7040	4.6889	5.0020

Sample Name: CCV07 Acquired: 3/15/2019 19:05:02 Type: Unk
 Method: P4-ICP2(v2948) 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	4.7473	4.966	4.9882	F 5.7223	F<.00000
Stddev	.0245	.042	.0178	.1206	5.2312
%RSD	.51571	.8492	.35627	2.1072	1969.0
#1	4.7534	5.015	4.9896	5.7875	3.7092
#2	4.7681	4.942	5.0052	5.7964	1.6858
#3	4.7203	4.942	4.9697	5.5832	-6.1920
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.9	38783.	5665.4	33.910	3458.0
Stddev	10.7	82.	40.0	.169	19.8
%RSD	.30560	.21031	.70615	.49753	.57126
#1	3483.9	38776.	5650.6	34.060	3435.5
#2	3495.8	38705.	5634.9	33.944	3472.5
#3	3505.2	38868.	5710.7	33.727	3466.0

Sample Name: CCB07 Acquired: 3/15/2019 19:09:01 Type: Unk
Method: P4-ICP2(v2948) 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	.00038	.00029	-.00026	-.00099	.00084	-.00344	-.04089
Stddev	.00118	.00058	.00036	.00059	.00227	.00514	.00502
%RSD	309.98	202.72	142.33	59.800	270.31	149.27	12.269

#1	.00086	-.00038	-.00037	-.00039	.00226	-.00025	-.04486
#2	.00124	.00058	-.00055	-.00101	.00204	-.00937	-.04257
#3	-.00096	.00065	.00015	-.00157	-.00178	-.00071	-.03525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00009	.00827	-.00016	-.00015	-.00052	-.00300
Stddev	.00012	.00007	.00939	.00036	.00017	.00045	.00138
%RSD	138.30	86.388	113.50	225.00	117.97	87.235	45.865

#1	-.00004	.00013	.00004	-.00043	.00005	-.00068	-.00371
#2	.00020	.00013	.00628	-.00030	-.00021	-.00087	-.00388
#3	.00011	.00000	.01849	.00025	-.00028	-.00001	-.00141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01520	.00060	.00111	-.48733	-.00048	-.00093
Stddev	.00003	.01602	.00064	.00062	.00559	.00036	.00003
%RSD	295.15	105.36	106.62	55.890	1.1477	75.171	3.3648

#1	-.00003	.03096	-.00006	.00081	-.49287	-.00047	-.00096
#2	.00003	.01571	.00123	.00069	-.48169	-.00012	-.00090
#3	-.00004	-.00106	.00065	.00182	-.48744	-.00085	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21968	.00022	-.00466	-.00588	.00412	-.00245	.00137
Stddev	.00265	.00006	.00097	.01159	.00157	.00012	.00024
%RSD	1.2045	24.975	20.930	197.00	38.003	4.8117	17.872

#1	.22047	.00017	-.00444	-.01859	.00271	-.00241	.00113
#2	.21672	.00021	-.00381	.00410	.00581	-.00237	.00136
#3	.22183	.00028	-.00572	-.00316	.00385	-.00259	.00162

Sample Name: CCB07 Acquired: 3/15/2019 19:09:01 Type: Unk
 Method: P4-ICP2(v2948) 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 -.01123	-.0034	.00009	F 4.6548	F<.00000
Stddev	.00109	.0012	.00005	.1183	2.1872
%RSD	9.6777	34.75	54.504	2.5409	100.74

#1	-.01037	-.0022	.00012	4.5607	.01694
#2	-.01245	-.0037	.00003	4.7876	-4.3576
#3	-.01087	-.0045	.00012	4.6161	-2.1729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.1	40788.	5752.4	35.447	3824.9
Stddev	10.9	100.	18.2	.968	13.7
%RSD	.29935	.24609	.31690	2.7321	.35916

#1	3645.8	40687.	5748.0	35.708	3809.1
#2	3657.9	40788.	5772.4	34.375	3831.0
#3	3667.6	40888.	5736.7	36.258	3834.5

Sample Name: K1685-02 Acquired: 3/15/2019 19:13:30 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	-.00423	.00312	-.00180	-.00219	.29726	.04913	.00013
Stddev	.00246	.00043	.00075	.00149	.00121	.00673	.00114	.00005
%RSD	85.119	10.203	23.953	82.906	55.291	2.2633	2.3171	38.038

#1	-.00480	-.00385	.00267	-.00302	-.00262	.30340	.04844	.00007
#2	-.00012	-.00470	.00398	-.00224	-.00312	.29007	.04851	.00017
#3	-.00374	-.00415	.00271	-.00014	-.00082	.29832	.05045	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	29.499	.00108	.00230	.00303	.58595	.28186	5.1980
Stddev	.00012	.129	.00045	.00009	.00037	.00437	.00102	.0924
%RSD	879.68	.43801	41.669	3.8376	12.333	.74591	.36298	1.7777

#1	-.00007	29.648	.00056	.00226	.00324	.58602	.28175	5.3034
#2	-.00004	29.435	.00138	.00240	.00325	.59029	.28089	5.1311
#3	.00015	29.415	.00129	.00224	.00260	.58155	.28293	5.1594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00368	.00061	241.12	-.00028	.05384	.47408	-.00011	.00460
Stddev	.00005	.00046	2.56	.00022	.00013	.03068	.00023	.00920
%RSD	1.3319	76.173	1.0597	78.459	.23283	6.4713	214.53	199.86

#1	.00362	.00107	242.59	-.00051	.05371	.44043	-.00009	-.00069
#2	.00369	.00014	242.61	-.00026	.05396	.48132	.00011	-.00072
#3	.00372	.00062	238.17	-.00007	.05383	.50050	-.00034	.01523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59887	1.5236	-.00214	.00517	-.01305	.0036	.13551	5.6848
Stddev	.00466	.0061	.00061	.00106	.00143	.0008	.00076	.0405
%RSD	.77850	.40141	28.360	20.555	10.966	21.96	.56116	.71222

#1	.60168	1.5194	-.00241	.00619	-.01328	.0036	.13608	5.7208
#2	.60143	1.5306	-.00144	.00526	-.01152	.0028	.13580	5.6927
#3	.59349	1.5207	-.00256	.00407	-.01436	.0044	.13464	5.6410

Sample Name: K1685-02 Acquired: 3/15/2019 19:13:30 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	16.899
Stddev	2.099
%RSD	12.422

#1	16.645
#2	14.938
#3	19.113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.6	38090.	5702.7	35.639	3439.7
Stddev	9.9	50.	44.3	.945	9.9
%RSD	.28556	.13123	.77712	2.6506	.28762

#1	3455.3	38051.	5669.0	36.725	3429.6
#2	3475.0	38073.	5686.2	35.183	3449.4
#3	3466.5	38146.	5752.9	35.008	3440.2

Sample Name: K1685-02DUP Acquired: 3/15/2019 19:18:03 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	-.00343	.00217	.00116	-.00223	.30354	.04789	.00006
Stddev	.00284	.00110	.00100	.00131	.00059	.00610	.00280	.00010
%RSD	66.883	32.033	46.302	113.72	26.389	2.0085	5.8421	161.63

#1	-.00712	-.00349	.00109	.00248	-.00157	.30291	.05058	-.00004
#2	-.00144	-.00449	.00308	-.00015	-.00270	.29779	.04807	.00015
#3	-.00417	-.00230	.00233	.00114	-.00244	.30993	.04500	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	29.871	.00102	.00268	.00294	.59225	.28647	5.2742
Stddev	.00004	.098	.00018	.00019	.00019	.00616	.00122	.0638
%RSD	204.43	.32800	17.542	7.0216	6.3419	1.0401	.42548	1.2087

#1	-.00003	29.760	.00082	.00278	.00315	.58561	.28523	5.2092
#2	.00005	29.945	.00112	.00247	.00285	.59777	.28652	5.2768
#3	.00004	29.908	.00114	.00280	.00282	.59337	.28767	5.3366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00094	243.64	-.00045	.05484	.59212	.00014	.00115
Stddev	.00040	.00052	2.21	.00061	.00007	.04941	.00049	.00635
%RSD	13.468	54.597	.90811	137.08	.13019	8.3446	338.72	553.78

#1	.00249	.00059	244.41	-.00114	.05488	.54920	.00043	.00067
#2	.00321	.00071	245.37	-.00023	.05475	.58102	-.00042	-.00495
#3	.00313	.00154	241.15	.00003	.05488	.64613	.00042	.00772

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60281	1.5310	-.00156	.00651	-.00928	.0043	.13703	5.7833
Stddev	.01387	.0180	.00050	.00052	.00208	.0010	.00015	.0582
%RSD	2.3001	1.1760	31.858	8.0470	22.395	23.67	.10953	1.0066

#1	.61762	1.5176	-.00134	.00633	-.01006	.0052	.13716	5.7437
#2	.60067	1.5514	-.00212	.00610	-.01086	.0044	.13687	5.7561
#3	.59014	1.5239	-.00120	.00710	-.00693	.0032	.13707	5.8502

Sample Name: K1685-02DUP Acquired: 3/15/2019 19:18:03 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.642
Stddev	2.820
%RSD	15.126

#1	19.770
#2	15.433
#3	20.723

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3432.7	37762.	5680.2	35.322	3398.1
Stddev	10.5	97.	39.9	1.996	3.7
%RSD	.30635	.25762	.70213	5.6511	.10826

#1	3426.6	37849.	5703.5	34.808	3394.0
#2	3444.8	37779.	5634.2	33.633	3401.0
#3	3426.6	37657.	5703.0	37.525	3399.3

Sample Name: K1685-02LX5 Acquired: 3/15/2019 19:22:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00056	.00004	.00210	.00015	.05662	-.02015	.00006
Stddev	.00071	.00196	.00098	.00087	.00153	.01318	.00244	.00008
%RSD	49.108	350.11	2783.6	41.590	1046.4	23.272	12.101	132.41

#1	-.00215	.00155	-.00103	.00132	-.00129	.04733	-.01747	.00011
#2	-.00072	-.00231	.00090	.00304	.00175	.05082	-.02076	-.00003
#3	-.00148	-.00092	.00024	.00194	-.00003	.07170	-.02223	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	5.9030	.00012	.00029	.00075	.12156	.05703	1.0442
Stddev	.00002	.0098	.00053	.00004	.00018	.00180	.00030	.0187
%RSD	15.126	.16514	429.82	13.004	24.146	1.4844	.52015	1.7946

#1	.00018	5.9138	.00073	.00033	.00063	.12221	.05737	1.0658
#2	.00013	5.9006	-.00017	.00025	.00066	.12294	.05682	1.0329
#3	.00015	5.8948	-.00019	.00030	.00096	.11952	.05691	1.0339

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00111	47.921	-.00046	.00938	-.51291	-.00013	-.00371
Stddev	.00034	.00010	.271	.00026	.00013	.01478	.00028	.00627
%RSD	35.396	8.9349	.56477	56.056	1.4285	2.8810	212.58	168.76

#1	.00098	.00103	48.038	-.00028	.00925	-.50085	-.00008	-.01089
#2	.00130	.00108	48.113	-.00075	.00951	-.52940	.00012	-.00094
#3	.00062	.00122	47.612	-.00034	.00939	-.50849	-.00043	.00069

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10075	.31884	-.00262	.00358	-.00602	-.0024	.02669	4.8924
Stddev	.01378	.00271	.00059	.00062	.00052	.0008	.00010	.1296
%RSD	13.679	.84997	22.489	17.264	8.6488	32.39	.38536	2.6493

#1	.08691	.31653	-.00304	.00364	-.00589	-.0017	.02668	4.7907
#2	.11447	.31816	-.00194	.00293	-.00660	-.0022	.02680	5.0384
#3	.10085	.32182	-.00287	.00416	-.00558	-.0033	.02660	4.8482

Sample Name: K1685-02LX5 Acquired: 3/15/2019 19:22:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.3775
Stddev	1.8312
%RSD	41.832

#1	2.4455
#2	4.5994
#3	6.0877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.7	39860.	5674.7	35.537	3678.5
Stddev	5.1	114.	20.3	1.221	13.3
%RSD	.14075	.28539	.35769	3.4347	.36234

#1	3615.6	39827.	5668.0	34.349	3688.2
#2	3618.1	39767.	5658.6	36.788	3663.3
#3	3625.4	39987.	5697.5	35.474	3684.1

Sample Name: K1685-02MS Acquired: 3/15/2019 19:27:06 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88707	2.0602	1.0543	2.1960	.80981	2.6218	.25883
Stddev	.00496	.0114	.0054	.0043	.00502	.0128	.00287
%RSD	.55877	.55545	.51467	.19571	.61942	.48859	1.1092

#1	.89111	2.0702	1.0577	2.1963	.81401	2.6071	.25570
#2	.88857	2.0626	1.0571	2.2001	.81116	2.6303	.26134
#3	.88154	2.0477	1.0480	2.1915	.80425	2.6280	.25944

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22341	.20851	31.769	.46586	.22333	.32848	3.7710
Stddev	.00061	.00143	.194	.00035	.00183	.00276	.0059
%RSD	.27097	.68726	.61003	.07464	.81976	.84082	.15668

#1	.22398	.20983	31.567	.46547	.22487	.32903	3.7765
#2	.22278	.20870	31.787	.46599	.22381	.33092	3.7647
#3	.22348	.20699	31.953	.46613	.22130	.32548	3.7718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51285	7.5750	.51918	.08623	250.53	.32165	.28218
Stddev	.00173	.0901	.00337	.00066	1.69	.00230	.00190
%RSD	.33717	1.1889	.64825	.75991	.67335	.71446	.67327

#1	.51460	7.4880	.52182	.08590	250.37	.32119	.28350
#2	.51114	7.5693	.52033	.08698	252.29	.32415	.28304
#3	.51282	7.6678	.51539	.08580	248.93	.31962	.28000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.097	.39855	.29005	.58407	2.4457	.66520	.21087
Stddev	.080	.00124	.01056	.03139	.0063	.00268	.00043
%RSD	.71899	.31040	3.6404	5.3748	.25597	.40339	.20539

#1	11.041	.39898	.29611	.61411	2.4498	.66668	.21037
#2	11.062	.39951	.29619	.58662	2.4385	.66683	.21109
#3	11.188	.39715	.27786	.55148	2.4489	.66211	.21115

Sample Name: K1685-02MS Acquired: 3/15/2019 19:27:06 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20315	6.258	.34909	5.8316	F<.00000
Stddev	.00058	.039	.00132	.0614	2.0897
%RSD	.28363	.6161	.37829	1.0531	5.3456
#1	.20304	6.282	.34956	5.8888	-39.070
#2	.20263	6.278	.34760	5.8393	-41.191
#3	.20377	6.213	.35012	5.7667	-37.012
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.7	37845.	5560.2	34.362	3429.1
Stddev	12.9	106.	9.2	1.292	21.8
%RSD	.37031	.27985	.16560	3.7592	.63629
#1	3466.9	37736.	5550.1	33.139	3412.0
#2	3465.6	37851.	5562.5	34.235	3421.6
#3	3488.5	37948.	5568.1	35.713	3453.7

Sample Name: K1685-02MSD Acquired: 3/15/2019 19:31:21 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89162	2.0689	1.0565	2.2198	.81522	2.6030	.25168
Stddev	.00684	.0090	.0038	.0052	.00419	.0248	.00452
%RSD	.76745	.43461	.35612	.23541	.51412	.95428	1.7940

#1	.88463	2.0678	1.0586	2.2255	.81270	2.6017	.25626
#2	.89831	2.0783	1.0588	2.2186	.82006	2.6284	.24723
#3	.89190	2.0604	1.0522	2.2153	.81290	2.5788	.25156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22302	.20934	31.420	.46645	.22452	.33273	3.7718
Stddev	.00064	.00075	.064	.00246	.00109	.00198	.0289
%RSD	.28521	.35641	.20441	.52813	.48724	.59517	.76684

#1	.22338	.20915	31.479	.46490	.22468	.33106	3.7944
#2	.22340	.21016	31.352	.46929	.22553	.33492	3.7392
#3	.22229	.20870	31.431	.46515	.22336	.33220	3.7817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51154	7.5393	.52291	.08450	247.55	.32035	.28339
Stddev	.00074	.0390	.00207	.00045	2.05	.00116	.00140
%RSD	.14450	.51717	.39618	.52832	.82879	.36181	.49396

#1	.51099	7.5800	.52363	.08482	248.47	.32049	.28335
#2	.51238	7.5022	.52453	.08468	245.20	.32144	.28481
#3	.51126	7.5358	.52058	.08399	248.98	.31913	.28201

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.025	.40226	.29770	.58283	2.4635	.66425	.20799
Stddev	.069	.00174	.01253	.00967	.0113	.00581	.00183
%RSD	.62589	.43162	4.2073	1.6590	.45672	.87489	.88059

#1	11.027	.40086	.28366	.59088	2.4762	.66464	.20910
#2	10.954	.40420	.30172	.58552	2.4592	.66985	.20587
#3	11.092	.40172	.30772	.57211	2.4550	.65825	.20899

Sample Name: K1685-02MSD Acquired: 3/15/2019 19:31:21 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20088	6.314	.34886	5.6109	F<.00000
Stddev	.00309	.025	.00225	.0524	1.7485
%RSD	1.5374	.3975	.64505	.93481	4.5875

#1	.20206	6.319	.35118	5.6712	-39.119
#2	.19738	6.336	.34669	5.5853	-36.096
#3	.20321	6.286	.34870	5.5762	-39.130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.7	38300.	5604.8	35.478	3448.5
Stddev	12.5	206.	33.2	1.855	22.7
%RSD	.35801	.53673	.59210	5.2297	.65820

#1	3471.2	38304.	5570.7	37.257	3425.6
#2	3473.8	38092.	5637.0	33.555	3449.0
#3	3494.0	38503.	5606.7	35.622	3471.0

Sample Name: K1685-02A Acquired: 3/15/2019 19:35:35 Type: Unk
Method: P4-ICP2(v2948) 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	.89668	2.1035	1.0753	2.2421	.80862	2.6413	.26926
Stddev	.00462	.0083	.0043	.0045	.00083	.0382	.00369
%RSD	.51573	.39561	.40011	.20252	.10268	1.4469	1.3701

#1	.90202	2.1122	1.0797	2.2434	.80864	2.5986	.27096
#2	.89403	2.1026	1.0751	2.2459	.80779	2.6528	.27179
#3	.89399	2.0957	1.0711	2.2371	.80945	2.6724	.26502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22849	.21320	32.018	.47677	.22820	.33625	3.8878
Stddev	.00106	.00114	.163	.00229	.00132	.00226	.0315
%RSD	.46287	.53364	.50922	.48090	.57667	.67176	.80990

#1	.22727	.21442	31.877	.47498	.22967	.33883	3.9164
#2	.22918	.21302	32.197	.47935	.22777	.33460	3.8929
#3	.22902	.21217	31.981	.47598	.22715	.33532	3.8540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52101	7.6370	.53063	.08671	252.27	.32780	.28562
Stddev	.00065	.0663	.00242	.00093	2.74	.00244	.00112
%RSD	.12395	.86787	.45670	1.0674	1.0865	.74411	.39201

#1	.52062	7.5774	.53324	.08623	253.59	.32677	.28688
#2	.52066	7.6252	.53018	.08778	254.09	.33058	.28524
#3	.52176	7.7084	.52846	.08612	249.12	.32604	.28474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.358	.40066	.30910	.58981	2.4894	.66699	.21483
Stddev	.014	.00082	.00932	.02438	.0219	.00351	.00056
%RSD	.12429	.20415	3.0146	4.1332	.87803	.52635	.26209

#1	11.346	.40159	.30609	.61689	2.5005	.67027	.21547
#2	11.374	.40037	.30166	.56964	2.5034	.66328	.21441
#3	11.354	.40003	.31955	.58289	2.4642	.66741	.21462

Sample Name: K1685-02A Acquired: 3/15/2019 19:35:35 Type: Unk
Method: P4-ICP2(v2948) 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	.20980	6.395	.35553	5.8444	F<.00000
Stddev	.00064	.034	.00079	.0674	3.2164
%RSD	.30638	.5295	.22339	1.1529	8.1001
#1	.21006	6.431	.35636	5.8885	-38.173
#2	.20907	6.390	.35546	5.8778	-37.547
#3	.21028	6.364	.35478	5.7668	-43.405
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.0	37625.	5452.4	33.668	3394.3
Stddev	11.2	93.	38.8	1.907	18.3
%RSD	.32467	.24697	.71102	5.6650	.53948
#1	3433.9	37728.	5424.9	31.852	3376.0
#2	3448.1	37547.	5435.5	35.655	3394.3
#3	3456.0	37600.	5496.7	33.496	3412.6

Sample Name: K1685-04 Acquired: 3/15/2019 19:39:50 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00407	-.00356	.00546	.00103	-.00238	.25371	.01449	.00005
Stddev	.00155	.00077	.00038	.00333	.00172	.00518	.00133	.00002
%RSD	38.174	21.503	6.9132	322.87	72.233	2.0409	9.1519	35.920

#1	-.00233	-.00403	.00503	.00205	-.00121	.25467	.01441	.00005
#2	-.00457	-.00397	.00567	-.00269	-.00435	.25835	.01320	.00007
#3	-.00532	-.00268	.00569	.00373	-.00156	.24812	.01585	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	9.9391	.00152	.00115	.00388	.30977	.10153	1.3888
Stddev	.00006	.0316	.00011	.00022	.00057	.00173	.00051	.0583
%RSD	46.388	.31769	7.3769	19.366	14.700	.55771	.50088	4.2007

#1	.00019	9.9084	.00139	.00137	.00387	.31043	.10176	1.3805
#2	.00008	9.9374	.00158	.00093	.00446	.30781	.10095	1.3350
#3	.00009	9.9715	.00159	.00114	.00332	.31108	.10188	1.4508

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00074	240.34	.00022	.04918	-.31947	.00053	-.00485
Stddev	.00010	.00032	1.53	.00042	.00020	.02113	.00019	.00897
%RSD	3.0914	43.727	.63650	193.63	.41207	6.6154	35.416	185.09

#1	.00347	.00077	238.82	.00009	.04895	-.32279	.00064	.00263
#2	.00337	.00104	241.88	.00068	.04930	-.29687	.00031	-.01480
#3	.00326	.00040	240.32	-.00012	.04930	-.33875	.00064	-.00238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83644	.66616	-.00322	.00659	-.01070	.0017	.04547	5.8191
Stddev	.01312	.00501	.00021	.00019	.00134	.0014	.00017	.0567
%RSD	1.5692	.75242	6.5075	2.8607	12.516	86.04	.37776	.97406

#1	.83180	.66906	-.00346	.00660	-.00926	.0034	.04548	5.7573
#2	.82626	.66037	-.00313	.00678	-.01095	.0008	.04530	5.8686
#3	.85125	.66905	-.00308	.00640	-.01190	.0009	.04564	5.8315

Sample Name: K1685-04 Acquired: 3/15/2019 19:39:50 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.070
 Stddev .773
 %RSD 5.9148

#1 12.351
 #2 13.888
 #3 12.970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.6	37469.	5450.6	33.831	3445.7
Stddev	1.6	39.	22.8	.638	2.4
%RSD	.04578	.10516	.41846	1.8863	.07079

#1	3459.8	37508.	5476.0	34.567	3448.1
#2	3462.4	37468.	5443.7	33.492	3443.2
#3	3462.7	37430.	5432.0	33.433	3445.9

Sample Name: K1685-06 Acquired: 3/15/2019 19:44:25 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00510	-.00457	.01219	.00215	-.00313	.21104	.08986	.00009
Stddev	.00229	.00044	.00071	.00314	.00094	.01009	.00180	.00001
%RSD	44.967	9.5561	5.8055	145.94	30.155	4.7825	2.0018	13.121

#1	-.00560	-.00452	.01166	-.00103	-.00279	.20317	.08807	.00010
#2	-.00709	-.00503	.01192	.00524	-.00419	.20753	.09167	.00009
#3	-.00259	-.00416	.01299	.00225	-.00240	.22242	.08985	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	48.199	.00083	.00186	.00180	.43994	.22183	5.0335
Stddev	.00002	.421	.00010	.00013	.00013	.00526	.00169	.0354
%RSD	98.881	.87296	11.505	6.8301	7.1161	1.1951	.76302	.70362

#1	.00002	48.683	.00092	.00171	.00191	.44518	.22375	5.0412
#2	.00005	47.995	.00073	.00191	.00183	.43996	.22055	5.0644
#3	.00000	47.919	.00085	.00195	.00166	.43467	.22119	4.9948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	.00063	227.19	-.00015	.07085	-.05194	.00001	.01242
Stddev	.00034	.00045	3.91	.00018	.00042	.04923	.00017	.00371
%RSD	10.225	72.195	1.7195	115.01	.59128	94.788	1171.3	29.869

#1	.00347	.00061	230.17	-.00035	.07040	-.10873	.00021	.01009
#2	.00292	.00109	228.63	-.00011	.07090	-.02593	-.00007	.01048
#3	.00353	.00018	222.77	-.00000	.07124	-.02117	-.00010	.01670

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74925	1.7505	-.00222	.00339	-.00587	.0002	.13820	5.5184
Stddev	.01546	.0256	.00124	.00138	.00187	.0003	.00092	.0537
%RSD	2.0630	1.4598	56.024	40.654	31.952	139.1	.66286	.97361

#1	.73433	1.7796	-.00151	.00477	-.00748	.0001	.13924	5.4564
#2	.76520	1.7400	-.00365	.00202	-.00381	-.0000	.13784	5.5509
#3	.74821	1.7319	-.00149	.00338	-.00630	.0005	.13751	5.5480

Sample Name: K1685-06 Acquired: 3/15/2019 19:44:25 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	22.955
Stddev	3.833
%RSD	16.698

#1	20.712
#2	27.381
#3	20.772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.6	38107.	5548.4	33.954	3459.9
Stddev	7.2	107.	55.0	.367	19.8
%RSD	.20595	.28046	.99163	1.0800	.57364

#1	3494.4	38086.	5487.7	33.682	3473.4
#2	3506.9	38223.	5562.6	34.371	3469.2
#3	3494.5	38013.	5594.9	33.808	3437.1

Sample Name: K1685-08 Acquired: 3/15/2019 19:48:57 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00225	-.00448	.01013	.00092	-.00257	.20054	.01560	.00010
Stddev	.00182	.00109	.00109	.00152	.00217	.00753	.00451	.00002
%RSD	80.785	24.381	10.717	165.28	84.422	3.7535	28.940	22.673

#1	-.00193	-.00564	.00939	.00132	-.00042	.20278	.01984	.00008
#2	-.00420	-.00347	.01138	.00220	-.00476	.19215	.01610	.00010
#3	-.00061	-.00432	.00962	-.00076	-.00254	.20670	.01085	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	25.886	.00103	.00204	.00194	.52186	.22348	2.6926
Stddev	.00010	.097	.00031	.00035	.00036	.00783	.00167	.0968
%RSD	334.22	.37599	30.203	17.376	18.427	1.5012	.74885	3.5960

#1	.00013	25.824	.00069	.00238	.00230	.52543	.22294	2.6475
#2	.00003	25.837	.00131	.00206	.00159	.51288	.22214	2.6267
#3	-.00007	25.998	.00109	.00167	.00192	.52728	.22536	2.8038

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00350	.00061	217.51	-.00054	.04181	-.05893	.00005	.00235
Stddev	.00028	.00029	1.64	.00015	.00028	.04717	.00036	.00266
%RSD	7.9493	48.032	.75381	27.130	.67765	80.039	658.99	113.47

#1	.00368	.00087	216.99	-.00058	.04183	-.09792	.00034	.00261
#2	.00365	.00029	216.20	-.00038	.04209	-.07236	.00017	-.00044
#3	.00318	.00068	219.35	-.00066	.04152	-.00650	-.00034	.00487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67117	1.2031	-.00257	.00441	-.00446	-.0009	.10553	5.5810
Stddev	.00165	.0135	.00025	.00122	.00106	.0008	.00059	.0638
%RSD	.24529	1.1223	9.6434	27.700	23.820	87.75	.55497	1.1424

#1	.67307	1.2119	-.00280	.00481	-.00475	-.0001	.10509	5.6501
#2	.67014	1.1875	-.00231	.00304	-.00535	-.0018	.10531	5.5684
#3	.67030	1.2099	-.00261	.00539	-.00329	-.0009	.10619	5.5245

Sample Name: K1685-08 Acquired: 3/15/2019 19:48:57 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.289
Stddev	1.840
%RSD	10.061

#1	17.357
#2	17.102
#3	20.409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3468.3	37941.	5486.8	33.533	3443.2
Stddev	10.1	144.	27.4	.386	11.8
%RSD	.29138	.38071	.49986	1.1520	.34222

#1	3477.2	37785.	5462.1	33.408	3430.2
#2	3457.3	38069.	5516.3	33.967	3446.4
#3	3470.4	37970.	5481.9	33.225	3453.1

Sample Name: K1698-02 Acquired: 3/15/2019 19:53:31 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00262	-.00575	.00781	-.00088	-.00230	.05897	.05699	.00015
Stddev	.00276	.00186	.00121	.00094	.00191	.00897	.00174	.00006
%RSD	105.18	32.318	15.464	106.89	82.862	15.204	3.0515	36.966

#1	.00053	-.00396	.00886	.00020	-.00147	.05458	.05847	.00012
#2	-.00460	-.00563	.00809	-.00137	-.00096	.05305	.05742	.00022
#3	-.00378	-.00767	.00649	-.00147	-.00449	.06929	.05507	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	46.725	.00027	.00497	.00131	.26020	.86044	1.9664
Stddev	.00016	.390	.00024	.00019	.00015	.00290	.00354	.0279
%RSD	605.95	.83525	89.511	3.7834	11.677	1.1139	.41111	1.4181

#1	-.00007	46.304	.00032	.00518	.00138	.25795	.85660	1.9878
#2	.00015	46.794	.00048	.00481	.00140	.26347	.86117	1.9349
#3	-.00016	47.076	.00001	.00494	.00113	.25917	.86356	1.9767

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	.00053	227.68	-.00229	.03248	.17531	-.00007	.00682
Stddev	.00017	.00045	.73	.00029	.00047	.04530	.00032	.00230
%RSD	5.0106	84.726	.31871	12.511	1.4590	25.841	441.11	33.731

#1	.00324	.00105	227.04	-.00196	.03294	.15146	.00028	.00526
#2	.00356	.00034	228.47	-.00247	.03251	.14691	-.00016	.00574
#3	.00329	.00021	227.54	-.00245	.03199	.22755	-.00033	.00946

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13604	.44298	-.00156	-.00034	-.00777	-.0025	.07891	5.4120
Stddev	.01320	.00166	.00137	.00042	.00089	.0008	.00031	.0631
%RSD	9.7040	.37390	87.858	123.39	11.503	31.90	.38780	1.1654

#1	.13879	.44285	-.00134	.00013	-.00683	-.0033	.07873	5.4331
#2	.14766	.44469	-.00031	-.00046	-.00861	-.0024	.07873	5.3411
#3	.12168	.44139	-.00303	-.00069	-.00787	-.0017	.07926	5.4618

Sample Name: K1698-02 Acquired: 3/15/2019 19:53:31 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	24.134
Stddev	2.611
%RSD	10.820

#1	21.290
#2	24.687
#3	26.424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.0	38246.	5612.0	35.202	3444.9
Stddev	27.3	39.	18.0	.669	44.1
%RSD	.77706	.10198	.32085	1.9001	1.2805

#1	3482.7	38289.	5632.8	34.492	3401.6
#2	3504.4	38234.	5601.3	35.821	3443.2
#3	3536.9	38214.	5602.0	35.292	3489.8

Sample Name: CCV08 Acquired: 3/15/2019 19:58:06 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0701	4.9414	5.0069	5.0094	5.0818	10.254	9.0804	.25477
Stddev	.0104	.0236	.0209	.0016	.0020	.148	.0941	.00035
%RSD	.20427	.47655	.41820	.03161	.03915	1.4406	1.0368	.13815
#1	5.0587	4.9243	4.9941	5.0078	5.0798	10.108	9.1771	.25442
#2	5.0790	4.9683	5.0310	5.0096	5.0838	10.249	9.0751	.25475
#3	5.0726	4.9317	4.9954	5.0109	5.0819	10.403	8.9891	.25512
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4916	24.001	1.0385	2.5161	1.2392	4.8716	2.5571	24.763
Stddev	.0092	.022	.0045	.0092	.0009	.0536	.0061	.153
%RSD	.36787	.09079	.43386	.36410	.06922	1.1007	.23929	.61850
#1	2.4835	23.984	1.0389	2.5080	1.2385	4.9322	2.5512	24.917
#2	2.5015	23.995	1.0338	2.5261	1.2402	4.8519	2.5565	24.610
#3	2.4899	24.026	1.0428	2.5143	1.2389	4.8305	2.5634	24.763
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3785	1.3346	F 22.285	2.3565	2.5682	22.596	4.8056	F 4.4177
Stddev	.0061	.0038	.149	.0051	.0097	.247	.0061	.0112
%RSD	.25703	.28514	.66797	.21785	.37688	1.0921	.12608	.25316
#1	2.3733	1.3330	22.434	2.3507	2.5608	22.855	4.8101	4.4248
#2	2.3853	1.3318	22.286	2.3590	2.5792	22.568	4.8080	4.4048
#3	2.3769	1.3389	22.136	2.3600	2.5646	22.364	4.7987	4.4236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8225	4.6913	4.7147	4.9404	4.6818	4.910	4.8814	5.2186
Stddev	.0155	.0240	.0244	.0056	.0407	.027	.0443	.0837
%RSD	.32032	.51246	.51671	.11379	.86927	.5434	.90802	1.6030
#1	4.8238	4.7151	4.6982	4.9469	4.7214	4.894	4.9268	5.1860
#2	4.8372	4.6918	4.7426	4.9379	4.6840	4.941	4.8791	5.1561
#3	4.8064	4.6670	4.7031	4.9365	4.6401	4.896	4.8382	5.3137

Sample Name: CCV08 Acquired: 3/15/2019 19:58:06 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3520
Stddev 1.8279
%RSD 135.19

#1 -.17153
#2 .84887
#3 3.3788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.3	39534.	5659.3	33.975	3525.6
Stddev	1.0	132.	55.1	1.095	9.7
%RSD	.02895	.33366	.97334	3.2226	.27637

#1	3619.4	39547.	5598.9	32.816	3532.9
#2	3620.1	39660.	5672.4	34.992	3514.5
#3	3621.5	39397.	5706.7	34.118	3529.3

Sample Name: CCB08 Acquired: 3/15/2019 20:02:05 Type: Unk
Method: P4-ICP2(v2948) 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	-.00130	-.00062	-.00146	.00195	-.00138	-.00275	-.03915
Stddev	.00018	.00113	.00053	.00360	.00184	.00243	.00114
%RSD	13.640	183.05	36.152	184.43	132.96	88.195	2.9050

#1	-.00126	-.00157	-.00113	.00233	.00059	-.00007	-.03793
#2	-.00149	.00063	-.00118	-.00182	-.00305	-.00479	-.03932
#3	-.00114	-.00091	-.00207	.00534	-.00169	-.00340	-.04019

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00012	.01030	-.00028	-.00012	.00008	-.00172
Stddev	.00002	.00003	.00457	.00018	.00010	.00017	.00059
%RSD	67.292	23.550	44.347	65.256	84.838	214.95	34.137

#1	.00001	.00009	.01474	-.00037	-.00000	-.00010	-.00111
#2	.00004	.00014	.00561	-.00040	-.00019	.00010	-.00228
#3	.00005	.00012	.01056	-.00007	-.00016	.00025	-.00177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04657	.00041	.00099	-.46037	-.00014	.00098
Stddev	.00004	.00564	.00023	.00016	.00708	.00035	.00008
%RSD	94.104	12.103	55.240	16.462	1.5380	250.63	7.8445

#1	.00002	-.04190	.00019	.00098	-.46274	.00012	.00103
#2	.00002	-.05283	.00064	.00116	-.45240	-.00054	.00102
#3	.00009	-.04498	.00039	.00083	-.46596	-.00000	.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14471	.00022	-.00155	F -.02048	.00215	-.00279	.00143
Stddev	.02949	.00029	.00542	.01127	.00122	.00069	.00079
%RSD	20.377	131.26	349.97	55.001	56.966	24.811	55.376

#1	.11106	.00054	.00422	-.03341	.00337	-.00353	.00183
#2	.15703	.00014	-.00653	-.01526	.00214	-.00269	.00052
#3	.16605	-.00002	-.00234	-.01277	.00093	-.00215	.00194

Sample Name: CCB08 Acquired: 3/15/2019 20:02:05 Type: Unk
 Method: P4-ICP2(v2948) 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 -.01352	-.0021	.00006	F 4.1902	F<.00000
Stddev	.00027	.0010	.00006	.0120	2.6032
%RSD	2.0301	48.96	95.129	.28542	144.71
#1	-.01380	-.0010	.00008	4.1774	-4.5973
#2	-.01350	-.0030	.00012	4.1921	-1.3499
#3	-.01325	-.0023	-.00000	4.2011	.55057
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.1	41387.	5690.1	36.006	3883.1
Stddev	8.6	79.	45.6	1.225	13.0
%RSD	.23031	.19048	.80114	3.4023	.33551
#1	3756.1	41382.	5652.2	37.233	3881.4
#2	3738.9	41311.	5677.3	34.783	3871.1
#3	3746.2	41468.	5740.7	36.000	3896.9

Sample Name: K1905-02 Acquired: 3/15/2019 20:06:34 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00347	-.00370	.01651	.00253	-.00131	.23210	.02521	.00008
Stddev	.00308	.00184	.00059	.00399	.00054	.00669	.00368	.00006
%RSD	88.826	49.666	3.5895	157.31	41.010	2.8816	14.608	73.328

#1	.00008	-.00568	.01720	.00368	-.00185	.22466	.02654	.00001
#2	-.00544	-.00205	.01620	-.00190	-.00078	.23761	.02804	.00011
#3	-.00506	-.00336	.01614	.00582	-.00131	.23403	.02105	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	8.1039	.00081	.00117	.00300	.12338	.06900	.87298
Stddev	.00008	.0112	.00026	.00017	.00030	.00037	.00021	.04053
%RSD	27.204	.13874	32.652	14.913	9.9465	.29665	.30294	4.6433

#1	.00025	8.1102	.00056	.00137	.00332	.12308	.06901	.82651
#2	.00022	8.0909	.00109	.00103	.00293	.12379	.06920	.90101
#3	.00037	8.1105	.00079	.00111	.00273	.12328	.06878	.89144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00333	.00081	256.24	-.00031	.06929	-.54863	.00035	-.00238
Stddev	.00069	.00028	1.94	.00018	.00032	.05224	.00034	.00454
%RSD	20.618	34.817	.75566	58.510	.45502	9.5214	98.287	190.92

#1	.00338	.00060	256.40	-.00051	.06965	-.58153	-.00004	-.00143
#2	.00262	.00112	258.09	-.00022	.06906	-.57595	.00057	.00161
#3	.00399	.00070	254.22	-.00019	.06915	-.48840	.00051	-.00731

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3928	.43514	-.00303	.00541	-.01290	.0017	.02994	5.4323
Stddev	.0218	.00119	.00108	.00204	.00219	.0002	.00017	.0386
%RSD	.64204	.27239	35.672	37.766	16.949	13.59	.55633	.71046

#1	3.3957	.43393	-.00179	.00671	-.01440	.0015	.02994	5.4537
#2	3.4131	.43630	-.00356	.00306	-.01039	.0017	.02977	5.4554
#3	3.3698	.43519	-.00375	.00647	-.01391	.0020	.03010	5.3877

Sample Name: K1905-02 Acquired: 3/15/2019 20:06:34 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT5124 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.803
 Stddev 1.708
 %RSD 11.535

#1 14.510
 #2 13.261
 #3 16.638

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.9	38344.	5586.4	36.322	3552.5
Stddev	20.3	127.	17.8	.164	24.5
%RSD	.57278	.33111	.31938	.45095	.68991

#1	3525.9	38213.	5576.0	36.408	3524.3
#2	3548.5	38353.	5576.2	36.133	3564.2
#3	3566.4	38467.	5607.0	36.425	3568.9

Sample Name: K1905-04 Acquired: 3/15/2019 20:11:08 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	-.00531	.01434	.00026	-.00076	1.0917	.07406	.00011
Stddev	.00072	.00048	.00023	.00413	.00123	.0209	.00261	.00008
%RSD	25.004	8.9819	1.6158	1585.8	161.30	1.9181	3.5182	72.834

#1	-.00340	-.00558	.01458	.00404	-.00196	1.0760	.07221	.00015
#2	-.00318	-.00475	.01434	-.00415	-.00083	1.1155	.07294	.00002
#3	-.00206	-.00558	.01411	.00089	.00050	1.0836	.07704	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	4.4273	.00199	.00347	.00317	.82268	.14014	.56838
Stddev	.00010	.0225	.00042	.00015	.00030	.00852	.00088	.02715
%RSD	91.600	.50782	21.344	4.3281	9.5116	1.0355	.62630	4.7764

#1	-.00000	4.4529	.00171	.00357	.00326	.82651	.13940	.54657
#2	.00014	4.4182	.00248	.00330	.00342	.81292	.13991	.55980
#3	.00020	4.4108	.00178	.00355	.00283	.82862	.14111	.59879

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.00087	272.10	.00151	.05925	-.28277	.00009	.00438
Stddev	.00008	.00059	1.79	.00022	.00029	.03340	.00026	.01004
%RSD	2.7011	67.723	.65942	14.677	.49379	11.813	280.48	229.50

#1	.00303	.00025	273.49	.00125	.05893	-.31332	.00007	-.00494
#2	.00320	.00094	270.08	.00161	.05932	-.28788	-.00015	.01501
#3	.00315	.00143	272.74	.00166	.05950	-.24710	.00036	.00305

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73176	1.2899	-.00248	.02307	-.00982	.0155	.02790	5.0756
Stddev	.00264	.0157	.00114	.00164	.00141	.0021	.00002	.0915
%RSD	.36137	1.2202	45.810	7.1201	14.322	13.68	.07674	1.8026

#1	.73306	1.3046	-.00290	.02233	-.00937	.0144	.02790	4.9705
#2	.73350	1.2733	-.00119	.02495	-.00870	.0140	.02788	5.1190
#3	.72871	1.2918	-.00335	.02192	-.01140	.0179	.02792	5.1373

Sample Name: K1905-04 Acquired: 3/15/2019 20:11:08 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200052 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.6593
 Stddev 2.0707
 %RSD 27.035

#1 5.2983
 #2 8.5122
 #3 9.1672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.4	39200.	5739.1	36.325	3551.1
Stddev	13.7	181.	55.1	1.582	37.2
%RSD	.38425	.46154	.96032	4.3557	1.0481

#1	3564.6	39374.	5680.8	36.692	3570.7
#2	3586.0	39212.	5790.3	34.592	3574.5
#3	3560.5	39013.	5746.3	37.692	3508.2

Sample Name: K1905-06 Acquired: 3/15/2019 20:15:43 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00464	-.00377	.01698	-.00212	-.00257	.29309	.05231	.00013
Stddev	.00201	.00162	.00043	.00191	.00015	.01009	.00338	.00005
%RSD	43.251	42.974	2.5383	90.069	6.0212	3.4438	6.4652	40.161

#1	-.00283	-.00484	.01747	-.00192	-.00263	.28187	.04985	.00017
#2	-.00428	-.00191	.01677	-.00032	-.00239	.29596	.05617	.00014
#3	-.00680	-.00456	.01669	-.00411	-.00268	.30144	.05092	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	3.5596	.00123	.00178	.00283	.20237	.08801	.60443
Stddev	.00009	.0071	.00025	.00008	.00033	.00073	.00072	.01528
%RSD	65.364	.20070	20.164	4.3414	11.488	.36144	.81684	2.5287

#1	.00024	3.5612	.00148	.00180	.00309	.20158	.08722	.59077
#2	.00005	3.5657	.00098	.00169	.00293	.20250	.08862	.60157
#3	.00014	3.5517	.00122	.00184	.00247	.20303	.08820	.62094

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	.00068	253.96	.00014	.08239	-.50899	.00012	.00800
Stddev	.00038	.00030	1.97	.00016	.00059	.02082	.00013	.00199
%RSD	18.479	43.671	.77426	116.56	.71638	4.0914	111.73	24.857

#1	.00218	.00038	256.20	.00024	.08205	-.53288	.00026	.00994
#2	.00231	.00068	252.49	.00023	.08308	-.49944	.00002	.00810
#3	.00161	.00097	253.20	-.00005	.08206	-.49466	.00006	.00596

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05191	.49176	-.00204	.00849	-.01136	.0046	.02367	4.9895
Stddev	.00959	.00328	.00078	.00180	.00222	.0014	.00014	.1812
%RSD	18.469	.66789	38.016	21.233	19.549	31.49	.57646	3.6308

#1	.04484	.48808	-.00133	.00680	-.01309	.0029	.02368	5.1975
#2	.06282	.49438	-.00287	.01039	-.01213	.0056	.02380	4.9049
#3	.04807	.49284	-.00192	.00827	-.00886	.0053	.02352	4.8662

Sample Name: K1905-06 Acquired: 3/15/2019 20:15:43 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200050 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.191
 Stddev 5.071
 %RSD 41.593

#1 17.527
 #2 7.4359
 #3 11.609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.3	39244.	5674.6	35.206	3536.1
Stddev	17.5	195.	13.7	1.517	14.4
%RSD	.49097	.49561	.24105	4.3099	.40648

#1	3579.0	39095.	5675.2	34.133	3551.4
#2	3560.8	39174.	5688.0	36.942	3522.9
#3	3544.0	39464.	5660.7	34.542	3534.1

Sample Name: K1905-08 Acquired: 3/15/2019 20:20:19 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3483 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00598	-.00397	.04055	.00278	-.00180	.15530	.07900
Stddev	.00127	.00185	.00132	.00334	.00192	.01288	.00099
%RSD	21.201	46.643	3.2459	120.31	106.84	8.2955	1.2491

#1	.00482	-.00427	.04131	.00634	-.00133	.14045	.08004
#2	.00579	-.00198	.04130	.00229	-.00016	.16346	.07808
#3	.00733	-.00565	.03903	-.00029	-.00391	.16200	.07887

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00018	5.8339	.00017	.00268	.00022	6.6212
Stddev	.00009	.00004	.0108	.00024	.00006	.00042	.0158
%RSD	114.99	20.950	.18521	146.06	2.0869	188.79	.23912

#1	.00009	-.00022	5.8349	-.00002	.00263	.00042	6.6395
#2	-.00002	-.00014	5.8226	.00044	.00274	-.00026	6.6130
#3	.00017	-.00018	5.8441	.00007	.00268	.00052	6.6112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07320	1.0642	.00307	.00054	263.47	.00011	.10094
Stddev	.00063	.0333	.00035	.00034	1.74	.00031	.00009
%RSD	.86665	3.1296	11.232	61.758	.66011	294.72	.08991

#1	.07283	1.0311	.00319	.00030	264.92	-.00021	.10091
#2	.07393	1.0977	.00334	.00093	263.96	.00041	.10088
#3	.07283	1.0639	.00268	.00041	261.54	.00011	.10105

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.42469	.00006	.00042	.05259	.38826	-.00277	.00334
Stddev	.05159	.00029	.00354	.00944	.00336	.00118	.00216
%RSD	12.148	532.55	840.12	17.954	.86616	42.585	64.663

#1	-.44034	-.00015	-.00086	.06280	.38597	-.00410	.00584
#2	-.36709	.00039	.00442	.05080	.39212	-.00234	.00203
#3	-.46665	-.00008	-.00230	.04418	.38669	-.00186	.00216

Sample Name: K1905-08 Acquired: 3/15/2019 20:20:19 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3483 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00693	-.0015	.03093	5.0221	F<.00000
Stddev	.00251	.0017	.00034	.1567	2.0126
%RSD	36.175	108.1	1.1087	3.1195	4.4827

#1	-.00461	.0002	.03054	5.1776	-45.994
#2	-.00959	-.0016	.03106	4.8643	-42.574
#3	-.00660	-.0031	.03118	5.0245	-46.122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.1	39222.	5776.2	35.708	3534.0
Stddev	12.0	107.	16.2	2.248	6.7
%RSD	.33498	.27271	.28015	6.2942	.18875

#1	3570.8	39186.	5758.6	36.075	3529.7
#2	3587.5	39137.	5779.8	37.750	3541.7
#3	3594.1	39342.	5790.4	33.300	3530.7

Sample Name: K1906-02 Acquired: 3/15/2019 20:24:52 Type: Unk
Method: P4-ICP2(v2948) 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	-.00199	-.00251	-.00109	.00039	-.00018	.07893	-.01480	.00005
Stddev	.00168	.00068	.00080	.00217	.00158	.00930	.00318	.00011
%RSD	84.383	27.219	73.957	552.85	880.89	11.776	21.468	210.89

#1	-.00289	-.00206	-.00174	.00027	.00033	.08656	-.01158	.00018
#2	-.00005	-.00218	-.00019	-.00172	.00109	.06858	-.01793	-.00001
#3	-.00303	-.00330	-.00133	.00262	-.00196	.08166	-.01489	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.92368	.00111	-.00039	.00082	.49366	.01142	.15444
Stddev	.00012	.00861	.00032	.00026	.00043	.00901	.00008	.02066
%RSD	120.22	.93185	28.913	66.077	52.352	1.8242	.72603	13.376

#1	.00004	.92040	.00084	-.00041	.00116	.50395	.01146	.13930
#2	-.00018	.91719	.00147	-.00012	.00097	.48983	.01133	.14603
#3	-.00016	.93344	.00102	-.00063	.00034	.48720	.01148	.17797

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	.00075	244.41	-.00038	.01637	-.28564	.00036	.00117
Stddev	.00019	.00046	4.85	.00035	.00011	.03288	.00028	.00359
%RSD	5.2288	61.203	1.9841	91.793	.67878	11.511	78.504	306.10

#1	.00373	.00048	250.00	-.00075	.01628	-.31487	.00020	.00472
#2	.00391	.00129	241.90	-.00034	.01634	-.29200	.00019	.00125
#3	.00352	.00049	241.33	-.00005	.01649	-.25004	.00068	-.00246

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02010	.17655	-.00282	.00120	-.00954	.0018	.00690	5.1062
Stddev	.00271	.00527	.00039	.00191	.00238	.0018	.00006	.0929
%RSD	13.484	2.9860	13.808	159.93	24.923	99.88	.79799	1.8199

#1	.02313	.18261	-.00241	.00160	-.01166	.0037	.00696	5.1998
#2	.01791	.17402	-.00287	-.00089	-.00999	.0000	.00685	5.0140
#3	.01925	.17302	-.00319	.00288	-.00697	.0018	.00690	5.1048

Sample Name: K1906-02 Acquired: 3/15/2019 20:24:52 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.2499
 Stddev 1.3665
 %RSD 18.848

#1 6.5914
 #2 8.8210
 #3 6.3374

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.0	38912.	5729.4	35.911	3500.6
Stddev	9.0	60.	80.7	1.121	7.3
%RSD	.25410	.15397	1.4089	3.1215	.20924

#1	3536.1	38844.	5636.2	36.842	3507.1
#2	3519.2	38931.	5776.2	36.225	3492.6
#3	3522.6	38959.	5775.9	34.667	3502.0

Sample Name: K1911-03 Acquired: 3/15/2019 20:29:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00668	-.00421	.00410	.00036	-.00195	.21220	.06231	.00012
Stddev	.00074	.00080	.00060	.00486	.00069	.00828	.00524	.00008
%RSD	11.064	19.031	14.608	1334.9	35.264	3.8999	8.4121	66.027

#1	-.00675	-.00510	.00460	-.00522	-.00150	.21867	.05660	.00003
#2	-.00738	-.00354	.00344	.00268	-.00275	.20287	.06343	.00019
#3	-.00590	-.00401	.00427	.00363	-.00161	.21505	.06690	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.70239	.00077	.00040	.00251	.05685	.00904	.17914
Stddev	.00005	.00734	.00011	.00008	.00013	.00030	.00005	.03835
%RSD	93.064	1.0454	13.833	21.064	5.1941	.52195	.54361	21.407

#1	.00007	.69734	.00075	.00049	.00265	.05701	.00898	.13486
#2	.00010	.71081	.00067	.00038	.00246	.05651	.00908	.20101
#3	-.00000	.69902	.00088	.00033	.00241	.05704	.00906	.20155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	.00051	252.33	-.00035	.02806	-.52635	.00006	.00872
Stddev	.00025	.00018	.74	.00033	.00034	.00949	.00014	.00687
%RSD	7.3738	35.068	.29145	94.920	1.2079	1.8025	222.48	78.749

#1	.00342	.00052	251.51	-.00061	.02792	-.52909	.00022	.00140
#2	.00308	.00068	252.55	-.00048	.02782	-.53417	-.00000	.01503
#3	.00357	.00033	252.93	.00003	.02845	-.51580	-.00003	.00975

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36169	.16413	-.00269	-.00028	-.01055	-.0015	.00722	5.1176
Stddev	.00708	.00431	.00033	.00124	.00341	.0019	.00011	.1808
%RSD	1.9568	2.6280	12.258	446.63	32.338	122.8	1.5860	3.5337

#1	.36452	.16058	-.00305	-.00027	-.01449	-.0035	.00713	5.0578
#2	.36691	.16893	-.00262	.00096	-.00843	-.0013	.00735	4.9743
#3	.35363	.16288	-.00241	-.00153	-.00873	.0002	.00717	5.3208

Sample Name: K1911-03 Acquired: 3/15/2019 20:29:29 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200036 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.114
Stddev	1.586
%RSD	13.096

#1	12.920
#2	10.286
#3	13.135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.6	38707.	5617.7	34.994	3511.7
Stddev	9.0	35.	15.3	.858	11.5
%RSD	.25445	.09045	.27200	2.4514	.32740

#1	3535.5	38746.	5629.9	34.550	3499.1
#2	3548.4	38700.	5622.6	35.983	3514.5
#3	3552.8	38677.	5600.5	34.450	3521.6

Sample Name: K1911-06 Acquired: 3/15/2019 20:34:06 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00524	-.00514	.00620	.00120	-.00117	1.0698	.18550	.00026
Stddev	.00273	.00047	.00038	.00208	.00190	.0225	.00170	.00002
%RSD	52.195	9.2008	6.1598	173.10	162.63	2.1006	.91672	6.6681

#1	-.00667	-.00566	.00630	-.00020	-.00305	1.0882	.18367	.00028
#2	-.00208	-.00503	.00651	.00022	.00075	1.0765	.18703	.00026
#3	-.00696	-.00473	.00577	.00359	-.00120	1.0447	.18581	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	9.3295	.00189	.00269	.00752	1.1010	.09549	1.7680
Stddev	.00004	.0469	.00032	.00009	.00027	.0120	.00008	.0346
%RSD	66.362	.50323	16.848	3.4166	3.5882	1.0892	.08559	1.9575

#1	.00009	9.2888	.00209	.00260	.00756	1.0878	.09557	1.7282
#2	.00002	9.3187	.00152	.00278	.00723	1.1037	.09541	1.7915
#3	.00006	9.3809	.00207	.00270	.00776	1.1113	.09550	1.7841

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	.00072	264.31	.00064	.18672	-.16151	-.00002	.03067
Stddev	.00033	.00022	1.93	.00027	.00059	.01808	.00027	.00603
%RSD	5.7007	30.461	.72854	42.014	.31461	11.196	1314.1	19.652

#1	.00590	.00064	262.25	.00034	.18716	-.18169	-.00032	.02468
#2	.00615	.00056	266.07	.00074	.18605	-.15605	.00020	.03059
#3	.00549	.00098	264.62	.00085	.18695	-.14678	.00006	.03673

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0292	2.0465	-.00294	.02488	-.00885	.0086	.04833	5.2010
Stddev	.0074	.0094	.00091	.00157	.00152	.0014	.00021	.1263
%RSD	.71771	.45992	30.990	6.3199	17.143	15.70	.43259	2.4287

#1	1.0371	2.0391	-.00376	.02306	-.01037	.0086	.04809	5.3442
#2	1.0225	2.0432	-.00196	.02574	-.00734	.0100	.04843	5.1534
#3	1.0281	2.0571	-.00311	.02583	-.00884	.0073	.04848	5.1055

Sample Name: K1911-06 Acquired: 3/15/2019 20:34:06 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR200051 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.021
 Stddev 1.280
 %RSD 12.778

#1 11.305
 #2 10.013
 #3 8.7444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.9	38825.	5645.6	36.161	3540.1
Stddev	2.9	247.	28.9	1.748	14.4
%RSD	.08006	.63529	.51274	4.8343	.40743

#1	3567.9	38565.	5679.0	34.750	3523.7
#2	3569.2	38854.	5629.2	38.117	3545.4
#3	3563.7	39056.	5628.5	35.617	3551.1

Sample Name: K1922-03 Acquired: 3/15/2019 20:38:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ORG-031419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00395	-.00387	.00475	.00194	-.00190	.21185	.20274	.00053
Stddev	.00353	.00037	.00048	.00373	.00174	.01834	.00540	.00004
%RSD	89.394	9.5945	10.169	192.25	91.612	8.6557	2.6617	6.7229

#1	-.00269	-.00388	.00531	-.00062	-.00117	.20377	.19655	.00056
#2	-.00122	-.00349	.00441	.00022	-.00389	.19895	.20521	.00054
#3	-.00793	-.00424	.00455	.00623	-.00065	.23284	.20646	.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	28.676	-.00038	.00380	.00832	.98608	1.8502	1.8584
Stddev	.00009	.120	.00036	.00019	.00033	.00658	.0013	.0258
%RSD	132.96	.41744	95.478	4.9613	4.0254	.66745	.07260	1.3876

#1	-.00002	28.630	-.00042	.00368	.00848	.98326	1.8517	1.8825
#2	.00006	28.586	-.00072	.00401	.00854	.98138	1.8495	1.8616
#3	.00017	28.812	.00000	.00370	.00793	.99361	1.8492	1.8312

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	.00125	250.55	-.00514	.04495	-.15697	.00001	.00817
Stddev	.00011	.00016	2.18	.00047	.00014	.02398	.00024	.00756
%RSD	2.2842	12.648	.86833	9.2099	.31612	15.279	3029.2	92.473

#1	.00491	.00121	252.97	-.00483	.04501	-.14564	-.00009	.01523
#2	.00481	.00112	248.76	-.00569	.04505	-.18451	.00028	.00909
#3	.00504	.00143	249.92	-.00492	.04479	-.14074	-.00017	.00020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31806	1.0565	-.00246	.00487	-.00488	.0007	.14011	5.2809
Stddev	.00525	.0040	.00051	.00181	.00189	.0024	.00045	.0814
%RSD	1.6512	.37924	20.635	37.191	38.657	324.1	.32079	1.5406

#1	.31902	1.0574	-.00303	.00576	-.00368	.0028	.13975	5.2362
#2	.31240	1.0521	-.00209	.00279	-.00705	.0012	.13995	5.3748
#3	.32277	1.0600	-.00224	.00607	-.00391	-.0019	.14061	5.2316

Sample Name: K1922-03 Acquired: 3/15/2019 20:38:37 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ORG-031419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.502
Stddev	2.458
%RSD	14.047

#1	16.546
#2	15.664
#3	20.294

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.3	38853.	5672.2	36.425	3521.4
Stddev	18.8	107.	8.5	.647	19.1
%RSD	.52522	.27666	.14963	1.7767	.54123

#1	3556.2	38904.	5665.3	36.875	3526.0
#2	3583.3	38729.	5681.7	36.717	3500.4
#3	3592.3	38925.	5669.6	35.683	3537.7

Sample Name: K1926-02 Acquired: 3/15/2019 20:43:11 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00426	-.00560	.00072	-.00335	-.00270	.02170	.24479	-.00007
Stddev	.00123	.00115	.00032	.00036	.00125	.02358	.00312	.00008
%RSD	28.939	20.464	43.597	10.675	46.207	108.69	1.2759	104.99

#1	-.00286	-.00550	.00097	-.00370	-.00414	.01162	.24585	.00002
#2	-.00519	-.00451	.00037	-.00299	-.00199	.04865	.24725	-.00011
#3	-.00474	-.00679	.00084	-.00337	-.00196	.00483	.24128	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	163.92	-.00142	.00189	-.00081	2.1231	3.6463	5.6266
Stddev	.00006	.10	.00049	.00033	.00016	.0037	.0049	.0434
%RSD	18.296	.05931	34.503	17.181	19.170	.17619	.13456	.77165

#1	-.00026	164.01	-.00111	.00225	-.00070	2.1272	3.6505	5.5814
#2	-.00035	163.82	-.00117	.00162	-.00074	2.1200	3.6476	5.6304
#3	-.00038	163.93	-.00199	.00180	-.00099	2.1219	3.6409	5.6680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00008	261.28	-.00939	.05740	3.5191	.00288	.06912
Stddev	.00037	.00035	1.35	.00046	.00041	.0168	.00044	.00115
%RSD	5.4991	441.42	.51835	4.9005	.71353	.47605	15.259	1.6679

#1	.00629	.00039	261.46	-.00942	.05701	3.5230	.00336	.06806
#2	.00701	.00013	262.54	-.00891	.05736	3.5336	.00275	.07035
#3	.00676	-.00029	259.84	-.00983	.05783	3.5007	.00252	.06896

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8342	3.3224	-.00197	-.00425	.01619	.0180	.88406	5.4638
Stddev	.0147	.0144	.00017	.00239	.00060	.0018	.00194	.1492
%RSD	.79853	.43378	8.7604	56.202	3.7132	10.06	.21951	2.7298

#1	1.8173	3.3381	-.00178	-.00151	.01668	.0163	.88481	5.5396
#2	1.8423	3.3099	-.00199	-.00535	.01552	.0199	.88552	5.5597
#3	1.8430	3.3191	-.00213	-.00589	.01635	.0178	.88186	5.2919

Sample Name: K1926-02 Acquired: 3/15/2019 20:43:11 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SUMP-MUCK Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 20.754
 Stddev 1.594
 %RSD 7.6794

#1 19.573
 #2 20.123
 #3 22.567

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.4	38496.	5643.3	34.695	3452.4
Stddev	13.8	93.	23.6	1.055	11.8
%RSD	.39403	.24191	.41747	3.0415	.34201

#1	3513.2	38489.	5616.2	33.760	3463.2
#2	3499.4	38407.	5658.4	34.485	3454.1
#3	3485.6	38593.	5655.4	35.839	3439.8

Sample Name: K1927-03 Acquired: 3/15/2019 20:47:43 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00579	-.00372	-.00125	-.00052	-.00054	.11099	-.00787	.00001
Stddev	.00052	.00109	.00097	.00413	.00056	.00110	.00176	.00009
%RSD	9.0742	29.222	77.273	800.96	102.97	.98842	22.341	619.97

#1	-.00518	-.00328	-.00082	.00226	-.00046	.11170	-.00988	.00005
#2	-.00606	-.00496	-.00236	-.00526	-.00003	.10973	-.00706	-.00009
#3	-.00611	-.00292	-.00058	.00145	-.00113	.11155	-.00665	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	11.483	.00132	.00355	.00973	.41841	.15396	.60246
Stddev	.00007	.059	.00024	.00013	.00049	.00233	.00055	.04853
%RSD	92.006	.51529	18.171	3.6096	5.0279	.55612	.35894	8.0559

#1	.00015	11.521	.00143	.00369	.01029	.42055	.15438	.59301
#2	.00004	11.514	.00104	.00343	.00946	.41593	.15333	.55935
#3	.00003	11.415	.00149	.00354	.00943	.41876	.15417	.65502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	.00095	278.42	-.00064	.08522	-.35595	.00002	-.00252
Stddev	.00047	.00050	1.80	.00025	.00095	.01162	.00031	.00318
%RSD	9.8059	52.706	.64693	38.865	1.1179	3.2636	1303.9	126.02

#1	.00442	.00097	278.33	-.00092	.08624	-.34862	.00017	-.00140
#2	.00528	.00145	276.67	-.00046	.08509	-.34989	-.00033	-.00006
#3	.00454	.00044	280.27	-.00054	.08435	-.36935	.00023	-.00611

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05267	1.0470	-.00289	.00361	-.00911	-.0000	.04067	5.0553
Stddev	.02355	.0014	.00070	.00100	.00102	.0013	.00003	.0308
%RSD	44.713	.13565	24.216	27.702	11.200	109100.	.06425	.60872

#1	.05007	1.0470	-.00364	.00258	-.00867	.0001	.04064	5.0402
#2	.07741	1.0484	-.00227	.00457	-.01028	.0013	.04068	5.0907
#3	.03052	1.0456	-.00274	.00369	-.00838	-.0014	.04069	5.0350

Sample Name: K1927-03 Acquired: 3/15/2019 20:47:43 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.871
 Stddev 3.426
 %RSD 24.702

#1 13.171
 #2 10.848
 #3 17.593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.5	39157.	5716.4	35.644	3532.3
Stddev	30.4	79.	3.4	1.068	34.1
%RSD	.84829	.20210	.05918	2.9960	.96497

#1	3575.7	39065.	5715.4	36.867	3503.3
#2	3568.3	39203.	5720.2	35.175	3523.7
#3	3624.4	39201.	5713.6	34.892	3569.8

Sample Name: CCV09 Acquired: 3/15/2019 20:52:16 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9633	4.9004	4.9306	4.9144	4.9975	10.010	9.1131	.24866
Stddev	.0225	.0053	.0068	.0120	.0211	.074	.0480	.00015
%RSD	.45305	.10887	.13712	.24359	.42213	.74328	.52660	.05921
#1	4.9469	4.9008	4.9229	4.9008	4.9854	9.9714	9.1685	.24859
#2	4.9541	4.9055	4.9358	4.9233	4.9853	10.096	9.0871	.24883
#3	4.9889	4.8949	4.9330	4.9191	5.0219	9.9636	9.0838	.24856
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4544	24.038	1.0233	2.4739	1.2145	4.9176	2.5112	24.757
Stddev	.0033	.058	.0030	.0052	.0036	.0197	.0041	.079
%RSD	.13314	.23920	.28899	.21166	.29949	.40150	.16304	.31806
#1	2.4507	24.087	1.0242	2.4678	1.2110	4.9401	2.5134	24.846
#2	2.4553	23.975	1.0257	2.4766	1.2142	4.9033	2.5137	24.729
#3	2.4570	24.053	1.0200	2.4772	1.2183	4.9093	2.5065	24.697
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3451	1.3159	F 22.219	2.3252	2.5211	22.733	4.7500	F 4.4243
Stddev	.0054	.0031	.083	.0076	.0051	.111	.0106	.0186
%RSD	.23128	.23701	.37284	.32735	.20140	.48907	.22345	.42062
#1	2.3397	1.3158	22.308	2.3312	2.5156	22.861	4.7443	4.4320
#2	2.3451	1.3191	22.145	2.3277	2.5219	22.656	4.7434	4.4030
#3	2.3505	1.3129	22.204	2.3166	2.5257	22.683	4.7622	4.4378
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7482	4.7320	4.6565	4.9376	4.6678	4.856	4.8642	4.6708
Stddev	.0182	.0244	.0066	.0154	.0188	.022	.0261	.0421
%RSD	.38270	.51456	.14088	.31102	.40384	.4488	.53561	.90159
#1	4.7354	4.7480	4.6549	4.9532	4.6891	4.835	4.8939	4.6790
#2	4.7690	4.7039	4.6637	4.9371	4.6610	4.879	4.8534	4.7082
#3	4.7402	4.7439	4.6509	4.9225	4.6532	4.855	4.8453	4.6252

Sample Name: CCV09 Acquired: 3/15/2019 20:52:16 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14688 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55024
Stddev	2.8170
%RSD	511.96

#1	-.82535
#2	3.7908
#3	-1.3147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.0	41161.	5742.5	34.158	3657.1
Stddev	6.6	145.	31.2	.150	2.0
%RSD	.17592	.35329	.54400	.43971	.05381

#1	3771.6	41125.	5709.9	34.052	3658.7
#2	3772.0	41037.	5772.2	34.329	3654.9
#3	3760.3	41321.	5745.2	34.092	3657.5

Sample Name: CCB09 Acquired: 3/15/2019 20:56:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00061	-.00099	.00029	-.00150	.00288	-.03740
Stddev	.00161	.00176	.00057	.00202	.00155	.00062	.00144
%RSD	175.92	287.41	57.317	697.63	103.33	21.633	3.8497

#1	.00046	.00105	-.00156	-.00005	-.00312	.00359	-.03589
#2	.00270	-.00247	-.00096	-.00154	-.00137	.00241	-.03756
#3	-.00042	-.00042	-.00043	.00246	-.00002	.00264	-.03875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	-.00137	.00006	-.00028	-.00013	-.00245
Stddev	.00005	.00008	.00230	.00010	.00009	.00026	.00134
%RSD	115.57	173.70	167.76	148.49	32.853	191.15	54.633

#1	-.00001	.00012	.00062	-.00001	-.00038	-.00023	-.00385
#2	.00009	.00007	-.00085	.00004	-.00024	-.00033	-.00120
#3	.00005	-.00004	-.00389	.00017	-.00021	.00016	-.00228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.02088	.00084	.00056	-.44070	-.00018	-.00105
Stddev	.00001	.03889	.00060	.00032	.00280	.00005	.00017
%RSD	16.080	186.26	72.325	57.156	.63522	29.988	16.365

#1	.00005	-.06174	.00017	.00046	-.44045	-.00012	-.00087
#2	.00004	.01568	.00135	.00031	-.44362	-.00023	-.00107
#3	.00004	-.01658	.00099	.00092	-.43804	-.00020	-.00121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17191	-.00032	-.00018	F -.03042	.00179	-.00257	.00079
Stddev	.00919	.00042	.00634	.00761	.00254	.00046	.00116
%RSD	5.3484	133.00	3542.4	25.018	142.01	17.867	146.67

#1	.17675	-.00021	-.00217	-.02301	.00319	-.00205	.00120
#2	.16131	.00004	-.00529	-.03822	.00332	-.00278	-.00052
#3	.17768	-.00078	.00692	-.03005	-.00114	-.00289	.00168

Sample Name: CCB09 Acquired: 3/15/2019 20:56:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14688 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01506	-.0032	.00002	F 3.7564	F<.00000
Stddev	.00183	.0008	.00003	.1387	.55381
%RSD	12.146	25.62	195.42	3.6920	25.150

#1	-.01608	-.0038	.00002	3.8139	-2.2442
#2	-.01615	-.0037	.00005	3.5982	-2.7336
#3	-.01295	-.0023	-.00002	3.8571	-1.6284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.1	42590.	5808.1	37.292	4026.1
Stddev	4.0	100.	35.2	.325	10.9
%RSD	.10198	.23429	.60603	.87265	.26989

#1	3894.7	42517.	5769.7	36.917	4023.2
#2	3899.3	42550.	5838.8	37.458	4038.2
#3	3891.4	42704.	5815.8	37.500	4017.1

Sample Name: K1930-04 Acquired: 3/15/2019 21:00:44 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00305	-.00476	-.00132	.00024	-.00148	.15327	.03305	.00004
Stddev	.00098	.00124	.00087	.00093	.00174	.01397	.00148	.00002
%RSD	31.985	26.127	66.179	388.45	117.30	9.1176	4.4831	41.535

#1	-.00217	-.00487	-.00031	.00030	-.00336	.16803	.03476	.00002
#2	-.00410	-.00346	-.00177	-.00072	-.00114	.14024	.03226	.00005
#3	-.00288	-.00594	-.00188	.00113	.00006	.15156	.03213	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	2.2746	.00061	-.00001	.00352	.04480	.01880	.14934
Stddev	.00008	.0219	.00012	.00018	.00004	.00118	.00006	.00683
%RSD	28.556	.96076	20.287	1355.4	1.0950	2.6242	.31269	4.5758

#1	.00037	2.2802	.00049	.00013	.00350	.04614	.01883	.14995
#2	.00022	2.2505	.00073	.00004	.00357	.04397	.01883	.14222
#3	.00025	2.2931	.00061	-.00021	.00351	.04428	.01873	.15584

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00271	.00054	249.25	-.00026	.03860	-.58135	.00004	.00229
Stddev	.00013	.00026	.61	.00033	.00020	.01374	.00013	.00266
%RSD	4.8053	48.264	.24632	125.22	.50616	2.3637	299.72	116.46

#1	.00259	.00032	249.75	-.00056	.03839	-.58142	.00016	.00461
#2	.00269	.00046	248.57	.00009	.03878	-.56757	-.00010	.00287
#3	.00285	.00082	249.44	-.00032	.03861	-.59506	.00007	-.00062

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06484	.29970	-.00211	.00210	-.01539	-.0005	.02254	4.9659
Stddev	.01320	.00392	.00095	.00242	.00090	.0010	.00006	.0634
%RSD	20.355	1.3065	45.163	115.69	5.8269	191.4	.25154	1.2756

#1	.07979	.30200	-.00284	.00375	-.01443	-.0005	.02252	5.0357
#2	.05478	.29518	-.00245	.00322	-.01620	.0005	.02250	4.9498
#3	.05997	.30193	-.00103	-.00069	-.01555	-.0015	.02260	4.9121

Sample Name: K1930-04 Acquired: 3/15/2019 21:00:44 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.466
Stddev	.586
%RSD	4.7015

#1	12.435
#2	11.895
#3	13.066

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.4	39666.	5768.5	35.344	3584.1
Stddev	15.9	97.	31.9	.928	36.1
%RSD	.43740	.24442	.55276	2.6261	1.0073

#1	3647.5	39583.	5752.1	34.925	3572.8
#2	3647.7	39643.	5805.3	34.700	3624.5
#3	3620.0	39773.	5748.2	36.408	3555.0

Sample Name: K1930-08 Acquired: 3/15/2019 21:05:22 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00380	-.00316	.00093	.00220	-.00196	.15052	.05160	.00007
Stddev	.00208	.00136	.00079	.00280	.00130	.00578	.00108	.00006
%RSD	54.660	43.039	85.278	126.95	66.393	3.8377	2.0919	91.416

#1	-.00272	-.00466	.00172	.00456	-.00166	.15592	.05125	.00014
#2	-.00248	-.00200	.00093	-.00089	-.00084	.15120	.05073	.00004
#3	-.00619	-.00283	.00013	.00295	-.00338	.14443	.05281	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	1.8156	.00151	.00054	.00428	.02761	.05236	.25038
Stddev	.00005	.0194	.00047	.00008	.00009	.00152	.00044	.01955
%RSD	30.186	1.0690	30.842	15.111	2.2081	5.4929	.84358	7.8062

#1	.00012	1.8303	.00099	.00063	.00438	.02934	.05278	.23506
#2	.00020	1.7936	.00188	.00046	.00421	.02650	.05190	.27239
#3	.00013	1.8228	.00166	.00054	.00423	.02700	.05239	.24369

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	.00061	254.83	-.00037	.01978	-.45322	.00005	.00097
Stddev	.00063	.00010	2.21	.00039	.00006	.05076	.00014	.00577
%RSD	19.157	16.424	.86805	105.17	.31918	11.200	249.40	592.30

#1	.00382	.00053	257.23	.00008	.01980	-.51026	-.00009	-.00268
#2	.00260	.00073	254.37	-.00057	.01984	-.43639	.00018	.00763
#3	.00350	.00058	252.88	-.00061	.01971	-.41301	.00008	-.00202

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41982	.14110	-.00279	.00126	-.01264	-.0013	.01487	4.8376
Stddev	.01470	.00101	.00097	.00118	.00272	.0008	.00013	.1073
%RSD	3.5011	.71516	34.682	94.093	21.499	62.18	.86564	2.2170

#1	.42564	.14226	-.00301	-.00010	-.01271	-.0013	.01484	4.8937
#2	.43072	.14059	-.00173	.00184	-.01531	-.0005	.01476	4.7140
#3	.40310	.14045	-.00362	.00204	-.00988	-.0022	.01501	4.9053

Sample Name: K1930-08 Acquired: 3/15/2019 21:05:22 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.161
Stddev	1.634
%RSD	12.418

#1	11.890
#2	15.005
#3	12.589

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.0	39606.	5638.4	34.611	3579.0
Stddev	3.6	179.	30.6	2.240	9.2
%RSD	.09986	.45298	.54185	6.4704	.25835

#1	3598.8	39401.	5610.3	32.075	3576.9
#2	3597.1	39735.	5634.1	35.442	3589.1
#3	3604.0	39683.	5670.9	36.317	3570.9

Sample Name: K1930-13 Acquired: 3/15/2019 21:09:59 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	-.00267	.00085	.00155	-.00098	.36175	.01256	.00008
Stddev	.00134	.00168	.00017	.00104	.00151	.00632	.00151	.00008
%RSD	45.598	62.685	19.793	67.468	154.58	1.7470	12.004	100.11

#1	-.00163	-.00173	.00099	.00066	.00027	.36211	.01173	.00000
#2	-.00432	-.00461	.00089	.00270	-.00054	.36788	.01165	.00007
#3	-.00288	-.00168	.00066	.00129	-.00266	.35526	.01430	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.12732	.00115	.00249	.00239	.12303	.02766	.01133
Stddev	.00005	.01228	.00043	.00008	.00013	.00054	.00016	.03940
%RSD	226.21	9.6414	37.099	3.0348	5.4195	.43531	.57471	347.60

#1	.00001	.14091	.00072	.00246	.00241	.12320	.02760	.04557
#2	-.00000	.11704	.00115	.00244	.00225	.12243	.02755	-.03172
#3	-.00008	.12402	.00158	.00258	.00250	.12347	.02784	.02015

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00347	.00080	274.36	.00003	.01518	-.56746	-.00011	-.00631
Stddev	.00019	.00034	1.93	.00012	.00012	.01374	.00017	.00683
%RSD	5.3569	42.487	.70312	382.43	.78017	2.4217	160.50	108.34

#1	.00351	.00058	276.47	-.00010	.01530	-.58331	-.00014	-.01412
#2	.00363	.00062	273.94	.00013	.01507	-.55880	-.00027	-.00149
#3	.00327	.00119	272.68	.00007	.01516	-.56028	.00008	-.00330

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27290	.26629	-.00278	.00527	-.01053	-.0017	.00126	4.5087
Stddev	.00355	.00112	.00025	.00081	.00125	.0012	.00003	.0684
%RSD	1.2997	.42158	9.1549	15.346	11.880	67.33	2.5233	1.5166

#1	.27685	.26618	-.00250	.00604	-.00935	-.0028	.00128	4.4615
#2	.27183	.26523	-.00283	.00535	-.01184	-.0005	.00122	4.4774
#3	.27000	.26747	-.00300	.00443	-.01039	-.0019	.00128	4.5871

Sample Name: K1930-13 Acquired: 3/15/2019 21:09:59 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.383
Stddev	2.653
%RSD	25.552

#1	13.415
#2	8.4859
#3	9.2485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.6	40582.	5856.3	35.794	3607.6
Stddev	4.6	130.	24.1	1.398	16.7
%RSD	.12377	.32038	.41158	3.9044	.46385

#1	3702.0	40665.	5828.9	36.083	3601.0
#2	3706.0	40650.	5865.5	34.275	3626.6
#3	3696.9	40432.	5874.4	37.025	3595.1

Sample Name: K1930-17 Acquired: 3/15/2019 21:14:37 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00265	.00007	.00149	-.00052	.26101	.10247	.00005
Stddev	.00087	.00226	.00117	.00173	.00143	.00487	.00295	.00005
%RSD	37.368	85.117	1777.9	116.39	274.98	1.8646	2.8755	97.069

#1	-.00242	-.00231	.00137	-.00046	-.00214	.25807	.10446	.00000
#2	-.00317	-.00505	-.00088	.00205	.00058	.26663	.09909	.00011
#3	-.00143	-.00058	-.00030	.00286	-.00001	.25834	.10387	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.46686	.00114	-.00013	.00373	.07421	.02484	.10681
Stddev	.00003	.01198	.00040	.00029	.00052	.00039	.00013	.04814
%RSD	38.325	2.5667	35.213	213.37	13.915	.52630	.51328	45.069

#1	-.00006	.45356	.00149	-.00003	.00362	.07376	.02497	.13249
#2	-.00005	.47017	.00070	.00008	.00430	.07438	.02471	.05128
#3	-.00010	.47683	.00124	-.00046	.00327	.07449	.02484	.13667

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	.00110	251.83	-.00019	.01721	-.54505	-.00021	-.00173
Stddev	.00017	.00059	1.97	.00029	.00020	.02767	.00033	.00546
%RSD	5.7085	53.210	.78217	151.91	1.1458	5.0767	157.22	315.53

#1	.00309	.00170	251.02	-.00036	.01698	-.53118	-.00057	-.00801
#2	.00301	.00106	250.39	.00014	.01736	-.57691	-.00015	.00185
#3	.00276	.00053	254.07	-.00034	.01727	-.52706	.00009	.00097

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36188	.19038	-.00302	.00114	-.00902	-.0012	.00392	4.7749
Stddev	.00978	.00073	.00038	.00192	.00131	.0012	.00005	.1132
%RSD	2.7039	.38277	12.490	168.23	14.553	100.4	1.3286	2.3713

#1	.37175	.19120	-.00327	.00311	-.01041	.0000	.00398	4.8185
#2	.36170	.19011	-.00319	-.00073	-.00884	-.0023	.00388	4.8598
#3	.35218	.18982	-.00258	.00105	-.00781	-.0012	.00390	4.6463

Sample Name: K1930-17 Acquired: 3/15/2019 21:14:37 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.235
Stddev	1.506
%RSD	12.311

#1	10.776
#2	12.146
#3	13.784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.5	39816.	5735.9	36.578	3580.7
Stddev	20.0	248.	14.6	1.007	28.0
%RSD	.55351	.62246	.25499	2.7523	.78087

#1	3635.5	39546.	5724.2	37.725	3609.3
#2	3599.3	39869.	5731.2	35.842	3553.5
#3	3602.8	40033.	5752.3	36.167	3579.1

Sample Name: CCV10 Acquired: 3/15/2019 21:19:15 Type: Unk
Method: P4-ICP2(v2948) 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	5.0152	4.9355	4.9985	4.9449	5.0471	9.9951	9.1574	.25376
Stddev	.0149	.0147	.0157	.0177	.0059	.0749	.0391	.00100
%RSD	.29761	.29754	.31471	.35899	.11597	.74887	.42709	.39336
#1	5.0216	4.9517	5.0143	4.9448	5.0521	10.036	9.1810	.25360
#2	5.0259	4.9320	4.9983	4.9627	5.0485	9.9087	9.1789	.25286
#3	4.9981	4.9229	4.9828	4.9272	5.0407	10.041	9.1122	.25483
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4863	24.190	1.0292	2.5022	1.2288	4.9743	2.5472	25.040
Stddev	.0046	.094	.0042	.0030	.0023	.0035	.0060	.056
%RSD	.18570	.38697	.41171	.12128	.19055	.06963	.23414	.22222
#1	2.4884	24.107	1.0316	2.5021	1.2268	4.9704	2.5484	24.983
#2	2.4896	24.172	1.0243	2.5053	1.2314	4.9754	2.5407	25.094
#3	2.4811	24.292	1.0316	2.4992	1.2281	4.9771	2.5524	25.045
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3673	1.3204	22.533	2.3492	2.5548	22.921	4.7924	4.5085
Stddev	.0030	.0033	.070	.0021	.0042	.078	.0068	.0185
%RSD	.12821	.24703	.31043	.09007	.16441	.34075	.14135	.41037
#1	2.3681	1.3206	22.584	2.3489	2.5570	22.911	4.7889	4.5279
#2	2.3699	1.3170	22.561	2.3473	2.5575	23.003	4.8002	4.5066
#3	2.3640	1.3235	22.453	2.3515	2.5500	22.848	4.7881	4.4911
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7635	4.7759	4.6880	4.9753	4.7030	4.876	4.8865	4.7292
Stddev	.0404	.0219	.0105	.0018	.0160	.015	.0135	.0551
%RSD	.84880	.45806	.22370	.03673	.34062	.3151	.27550	1.1660
#1	4.7882	4.7507	4.6919	4.9769	4.7022	4.893	4.8833	4.7575
#2	4.7853	4.7879	4.6960	4.9757	4.7195	4.871	4.9012	4.6656
#3	4.7168	4.7891	4.6762	4.9733	4.6875	4.863	4.8749	4.7644

Sample Name: CCV10 Acquired: 3/15/2019 21:19:15 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6815
Stddev	4.4129
%RSD	119.87

#1	7.2039
#2	5.1091
#3	-1.2685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.2	40374.	5580.2	34.209	3595.7
Stddev	8.1	101.	11.0	.047	9.0
%RSD	.21928	.25094	.19741	.13813	.25001

#1	3689.9	40298.	5573.6	34.251	3589.1
#2	3685.4	40489.	5574.1	34.218	3592.0
#3	3701.1	40336.	5592.9	34.158	3605.9

Sample Name: CCB10 Acquired: 3/15/2019 21:23:15 Type: Unk
Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	-.00051	-.00171	-.00102	-.00005	.01222	-.03068
Stddev	.00269	.00148	.00096	.00271	.00158	.01467	.00185
%RSD	142.81	289.39	56.075	266.03	2920.4	120.05	6.0260

#1	-.00289	.00080	-.00159	.00158	.00095	-.00435	-.03248
#2	-.00392	-.00211	-.00273	-.00080	.00076	.01745	-.03077
#3	.00116	-.00021	-.00082	-.00384	-.00187	.02356	-.02879

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00009	.00903	-.00008	-.00019	-.00027	-.00091
Stddev	.00005	.00005	.01246	.00032	.00015	.00068	.00130
%RSD	7449.9	56.180	137.90	429.86	75.787	253.50	143.67

#1	.00005	.00009	-.00516	-.00031	-.00009	-.00087	.00054
#2	.00001	.00004	.01409	.00029	-.00013	.00047	-.00200
#3	-.00006	.00015	.01817	-.00022	-.00036	-.00041	-.00126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.03773	.00026	.00062	-.42582	-.00066	-.00105
Stddev	.00004	.05244	.00028	.00030	.00690	.00023	.00007
%RSD	77.392	138.98	108.40	48.723	1.6207	35.260	6.7434

#1	-.00001	-.09777	.00031	.00082	-.43268	-.00069	-.00097
#2	-.00008	-.01449	-.00005	.00078	-.42591	-.00042	-.00110
#3	-.00007	-.00093	.00050	.00027	-.41888	-.00088	-.00107

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18815	-.00012	-.00560	F -.02711	.00196	-.00184	.00154
Stddev	.01940	.00027	.00281	.00576	.00196	.00019	.00104
%RSD	10.311	215.14	50.230	21.263	99.760	10.217	67.386

#1	.16896	.00018	-.00238	-.02238	.00329	-.00168	.00117
#2	.18773	-.00030	-.00689	-.02542	.00289	-.00205	.00271
#3	.20775	-.00025	-.00755	-.03353	-.00029	-.00178	.00073

Sample Name: CCB10 Acquired: 3/15/2019 21:23:15 Type: Unk
 Method: P4-ICP2(v2948) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8028 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.01595	-.0029	.00007	F 3.7620	F<.00000
Stddev	.00231	.0009	.00006	.0806	1.7842
%RSD	14.482	30.19	77.963	2.1433	248.72
#1	-.01847	-.0031	.00001	3.6851	-2.7726
#2	-.01542	-.0036	.00012	3.8459	.18560
#3	-.01394	-.0019	.00009	3.7550	.43489
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.4	41811.	5562.0	35.714	3902.1
Stddev	6.8	134.	38.6	.466	3.4
%RSD	.18021	.32022	.69343	1.3059	.08840
#1	3784.1	41670.	5525.1	35.217	3898.1
#2	3772.6	41937.	5558.9	36.142	3904.1
#3	3784.6	41827.	5602.0	35.783	3904.0