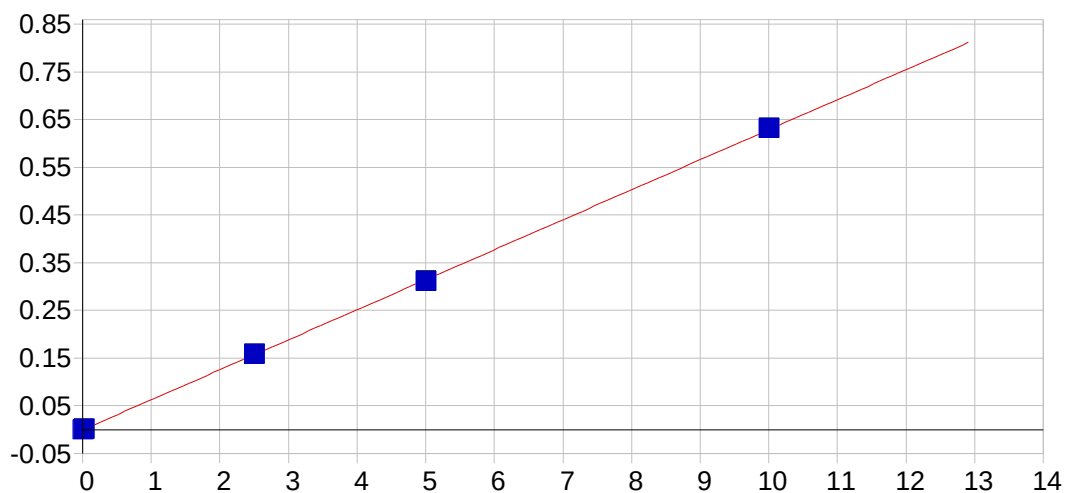


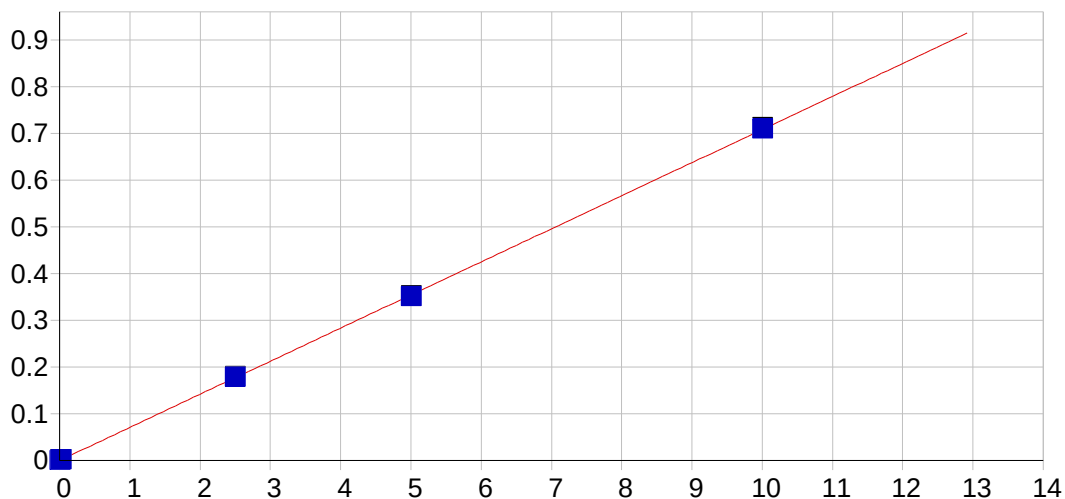


As 189.042 {478}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000178 Re-Slope: 1.000000
 A1 (Gain): 0.062924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003343
 Predicted MQL: 0.011144

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02193	.002	9.66	.00120	.000	1
S3	2.5000	2.5127	.013	.509	.15792	.001	1
S4	5.0000	4.9485	-.051	-1.03	.31118	.001	1
S5	10.000	10.037	.037	.368	.63133	.001	1



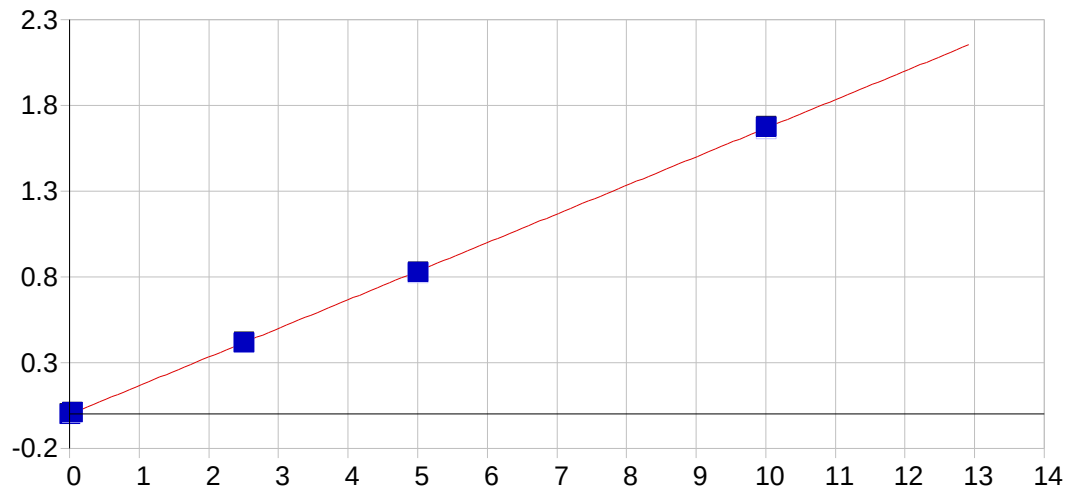
As 189.042 {479}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000127 Re-Slope: 1.000000

A1 (Gain): 0.070806 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002436
 Predicted MQL: 0.008120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.02000	.02213	.002	10.7	.00169	.000	1
S3	2.5000	2.5187	.019	.749	.17847	.001	1
S4	5.0000	4.9554	-.045	-.893	.35100	.000	1
S5	10.000	10.024	.024	.238	.70988	.003	1

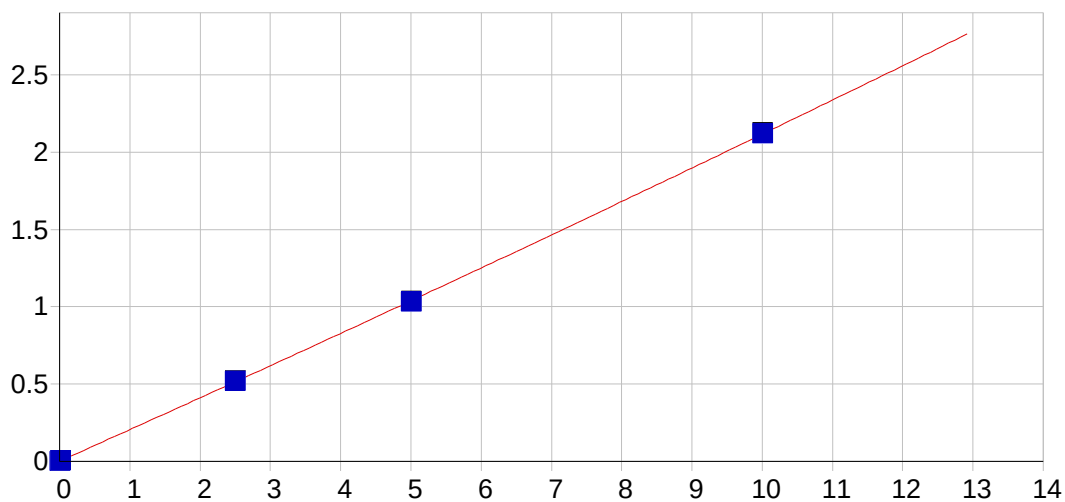


TI 190.856 {477}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.166749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.001195
 Predicted MQL: 0.003985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00039	.000	1
S1	.04000	.04533	.005	13.3	.00699	.000	1
S3	2.5000	2.4942	-.006	-.232	.41124	.003	1
S4	5.0000	4.9613	-.039	-.773	.81835	.000	1
S5	10.000	10.039	.039	.392	1.6565	.004	1

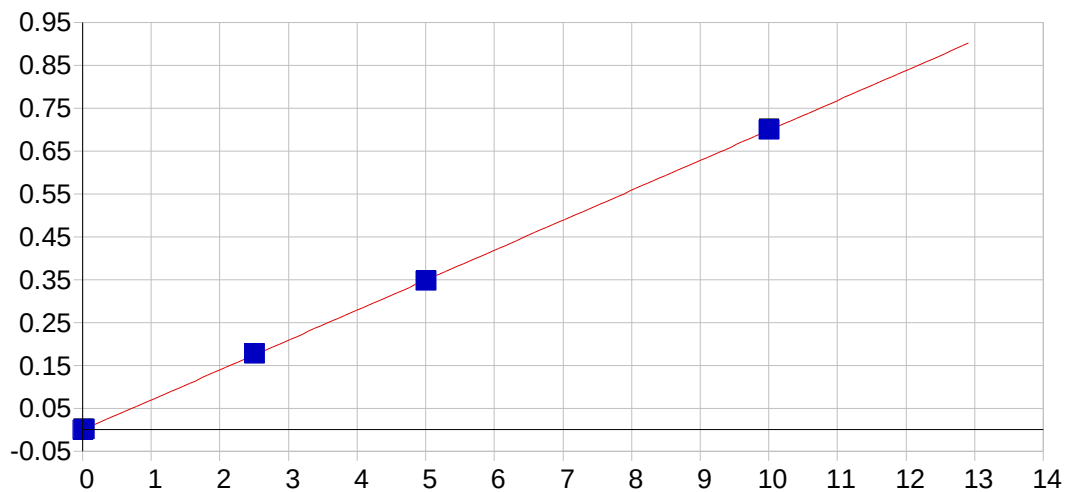


Pb 220.353 {453}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001684 Re-Slope: 1.000000
 A1 (Gain): 0.203137 Y-int: 0.000000
 A2 (Curvature): 0.000827
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: Warning Positive Curvature
 Std Error of Est: 0.000024
 Predicted MDL: 0.001338
 Predicted MQL: 0.004460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00168	.000	1
S1	.01200	.01262	.001	5.19	.00420	.000	1
S3	2.5000	2.5213	.021	.852	.51845	.003	1
S4	5.0000	4.9675	-.033	-.650	1.0298	.002	1
S5	10.000	10.011	.011	.106	2.1154	.006	1



Se 196.090 {472}

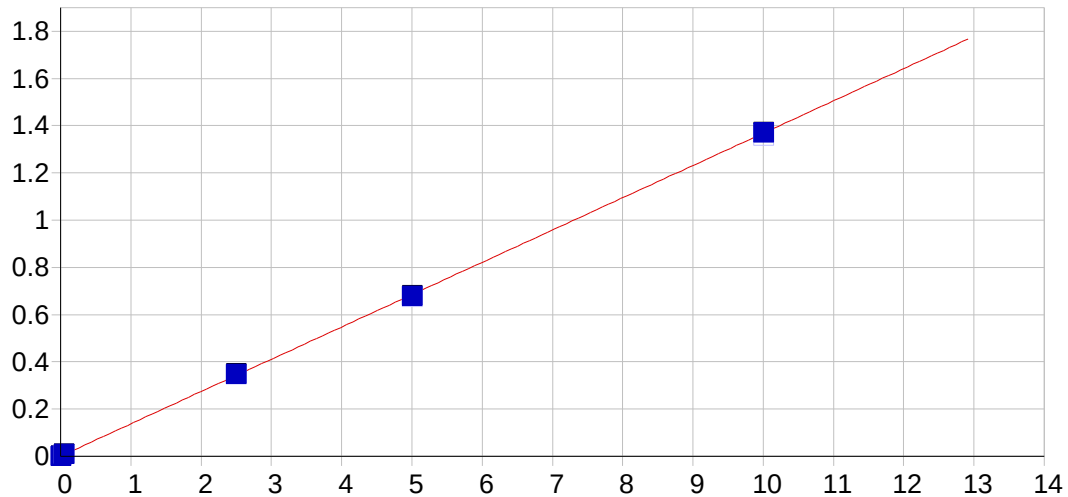
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.069841 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000013
 Predicted MDL: 0.003155
 Predicted MQL: 0.010517

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.02000	.01725	-.003	-13.7	.00108	.000	1
S3	2.5000	2.5328	.033	1.31	.17675	.000	1
S4	5.0000	4.9635	-.036	-.730	.34649	.000	1
S5	10.000	10.006	.006	.064	.69865	.002	1



Sb 206.833 {463}

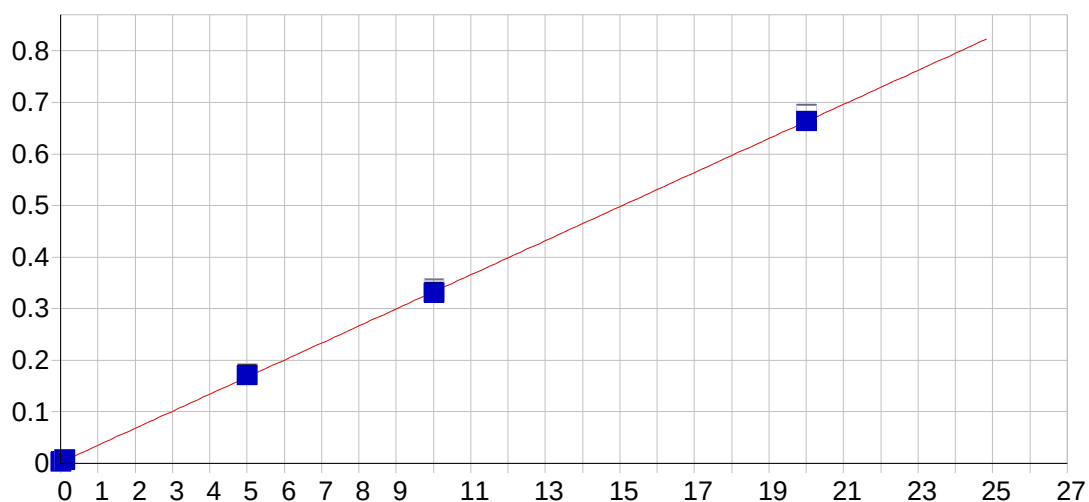
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000797
 A1 (Gain): 0.136766
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000040
 Predicted MDL: 0.001948
 Predicted MQL: 0.006493

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	.00080	.000	1
S1	.05000	.05301	.003	6.02	.00788	.000	1
S3	2.5000	2.5331	.033	1.32	.34339	.002	1
S4	5.0000	4.9557	-.044	-.886	.67088	.000	1
S5	10.000	10.008	.008	.082	1.3542	.001	1

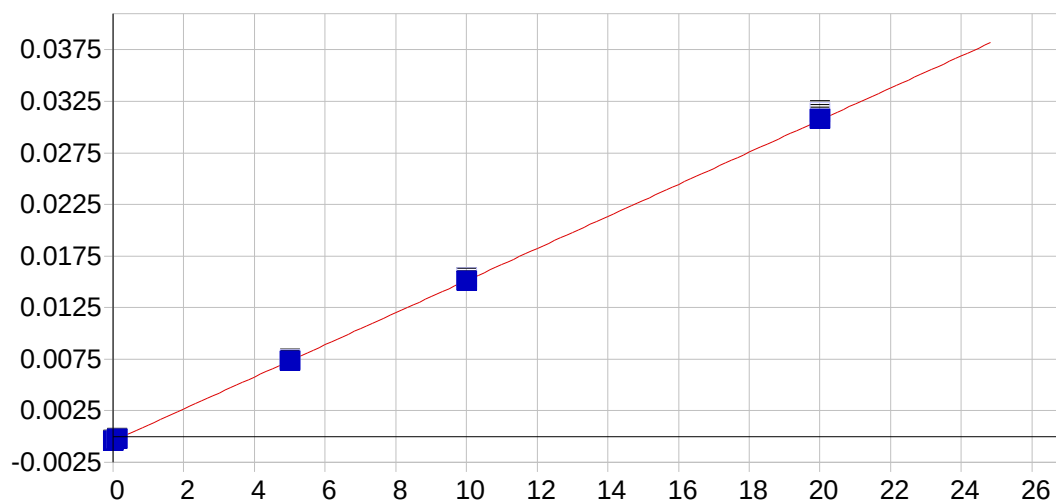


AI 308.215 {109}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001953 Re-Slope: 1.000000
 A1 (Gain): 0.033063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003076
 Predicted MQL: 0.010254

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00195	.000	1
S1	.10000	.11003	.010	10.0	.00582	.000	1
S3	5.0000	5.0778	.078	1.56	.17313	.001	1
S4	10.000	9.9380	-.062	-.620	.33711	.001	1
S5	20.000	19.974	-.026	-.132	.67550	.001	1



AI 309.271 {109}

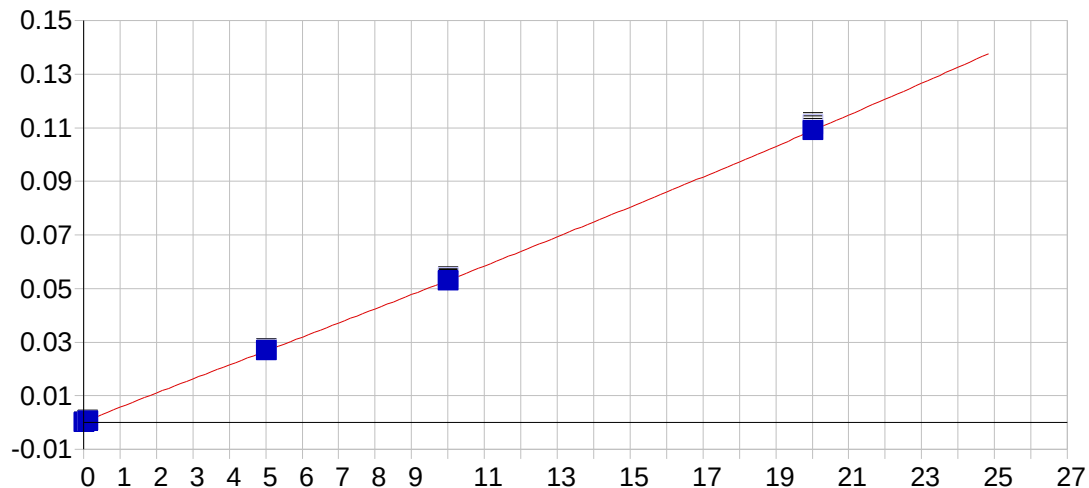
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000440 Re-Slope: 1.000000
 A1 (Gain): 0.001556 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000001
 Predicted MDL: 0.037632
 Predicted MQL: 0.125439

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00044	.000	1
S1	.10000	.11987	.020	19.9	-.00024	.000	1
S3	5.0000	4.9686	-.031	-.628	.00745	.000	1
S4	10.000	9.9536	-.046	-.464	.01536	.000	1
S5	20.000	20.057	.057	.285	.03139	.000	1



AI 396.152 { 85}

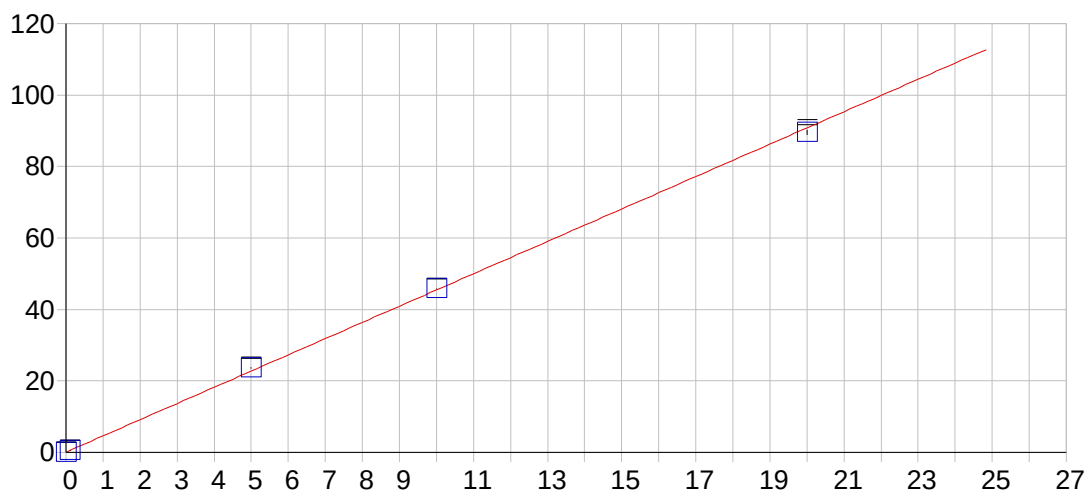
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000088
 A1 (Gain): 0.005715
 A2 (Curvature): 0.000062
 n (Exponent): 0.930000
 Correlation: 0.999998
 Std Error of Est: 0.000002
 Predicted MDL: 0.015535
 Predicted MQL: 0.051784

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.10000	.09942	-.001	-.583	.00062	.000	1
S3	5.0000	5.0209	.021	.418	.02735	.000	1
S4	10.000	9.9695	-.030	-.305	.05401	.000	1
S5	20.000	20.010	.010	.049	.11119	.001	1

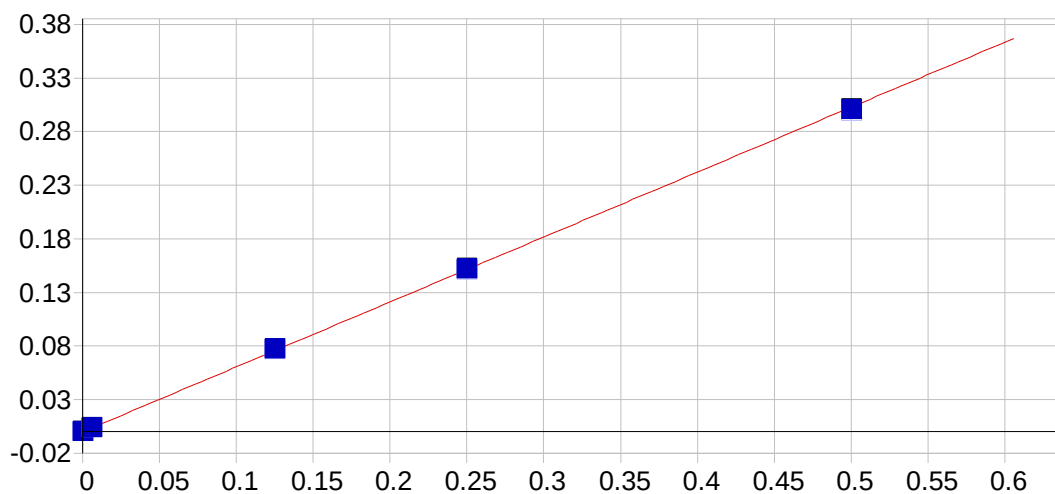


Ba 493.409 { 68}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.077031 Re-Slope: 1.000000
 A1 (Gain): 4.536681 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.006626
 Predicted MDL: 0.000855
 Predicted MQL: 0.002850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07697	.000	1
S1	.10000	.11035	.010	10.4	.57766	.008	1
S3	5.0000	5.1931	.193	3.86	23.637	.128	1
S5	20.000	19.725	-.275	-1.37	89.565	.791	1
S4	10.000	10.071	.071	.712	45.767	.059	1



Be 234.861 {144}

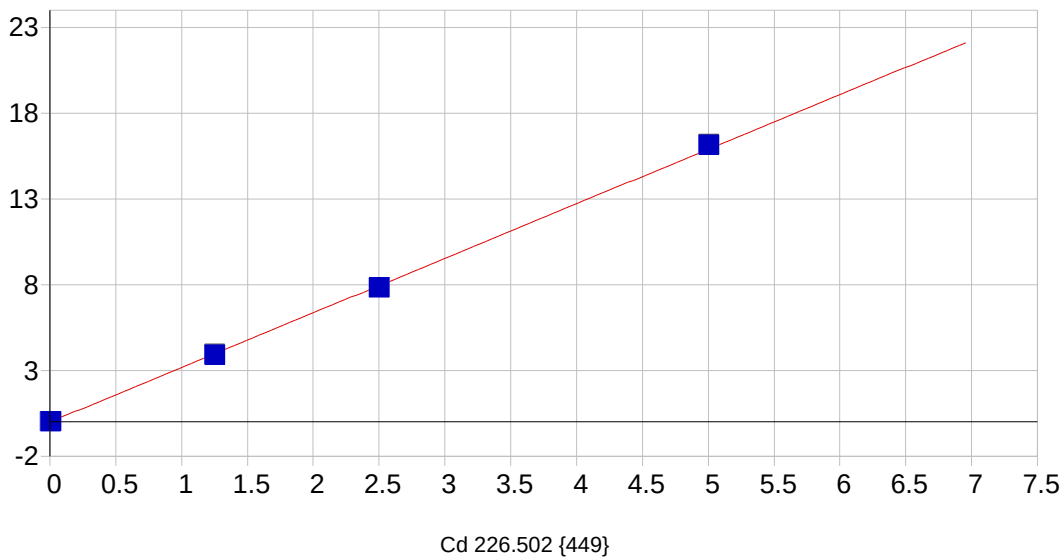
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.605546 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000017
 Predicted MDL: 0.000086
 Predicted MQL: 0.000288

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.00600	.00629	.000	4.85	.00382	.000	1
S3	.12500	.12738	.002	1.91	.07671	.000	1
S4	.25000	.25061	.001	.242	.15085	.001	1
S5	.50000	.49672	-.003	-.656	.29893	.000	1



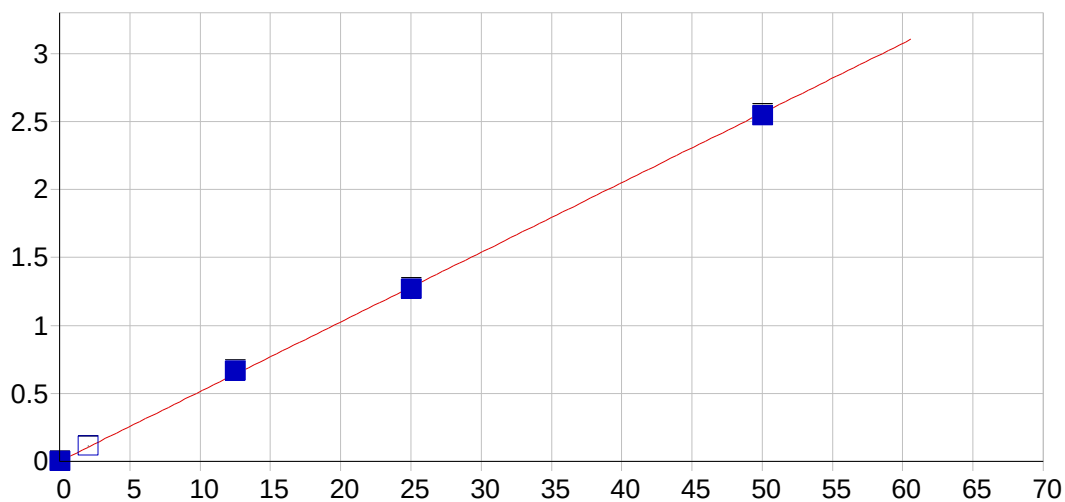
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000680
 A1 (Gain): 3.179629
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872
 Std Error of Est: 0.000477
 Predicted MDL: 0.000102
 Predicted MQL: 0.000342

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	-.00068	.000	1
S1	.00600	.00571	-.000	-4.78	.01752	.000	1
S3	1.2500	1.2249	-.025	-2.01	3.8950	.021	1
S4	2.5000	2.4561	-.044	-1.76	7.8106	.013	1
S5	5.0000	5.0693	.069	1.39	16.121	.055	1

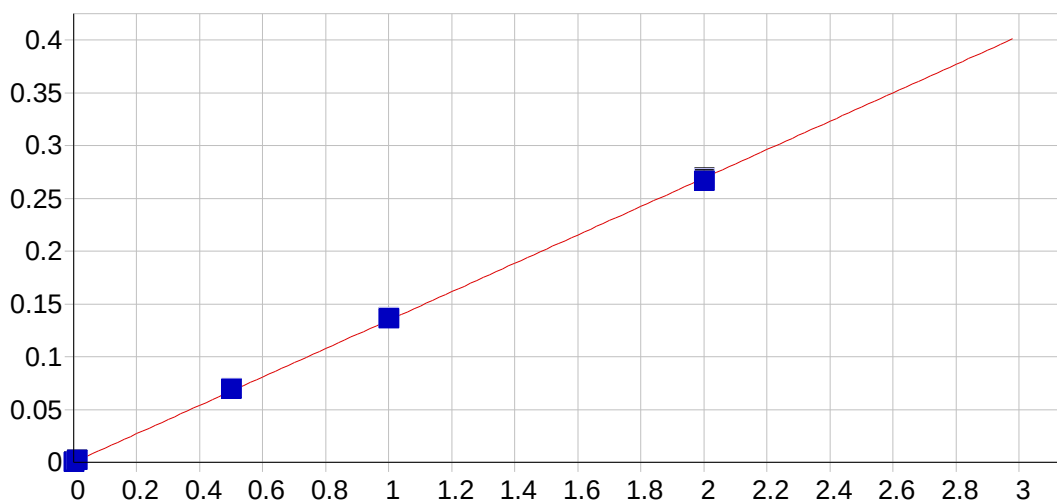


Ca 373.690 { 90}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000887 Re-Slope: 1.000000
 A1 (Gain): 0.051225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000608
 Predicted MDL: 0.022656
 Predicted MQL: 0.075520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1862	.186	9.31	.11288	.001	1
S0	.00000	-.00023	-.000	.000	.00088	.001	1
S3	12.500	12.985	.485	3.88	.66637	.005	1
S4	25.000	24.732	-.268	-1.07	1.2684	.007	1
S5	50.000	49.597	-.403	-.806	2.5428	.015	1



Cr 267.716 {126}

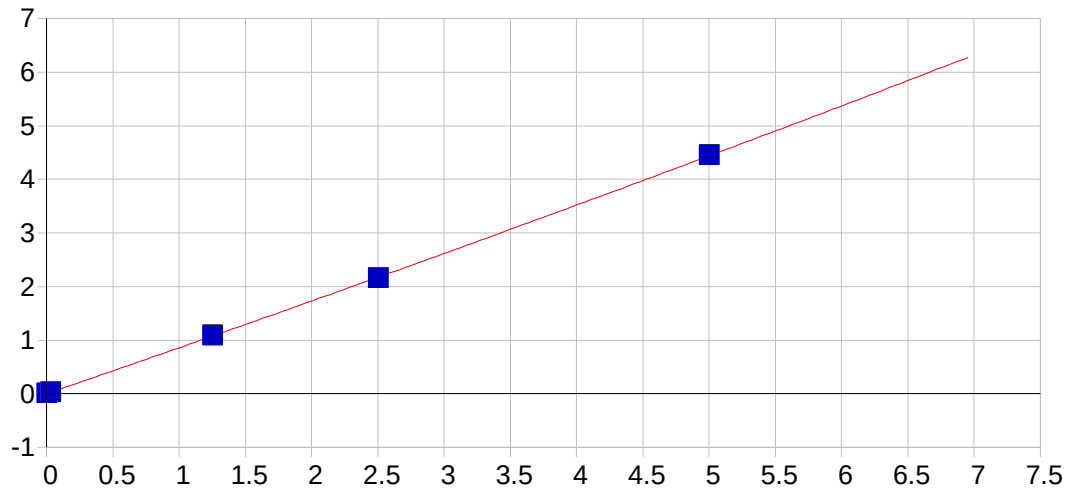
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.134562 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000014
 Predicted MDL: 0.000527
 Predicted MQL: 0.001758

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.01000	.01032	.000	3.19	.00153	.000	1
S3	.50000	.51328	.013	2.66	.06970	.000	1
S4	1.0000	1.0081	.008	.811	.13679	.001	1
S5	2.0000	1.9783	-.022	-1.09	.26834	.001	1



Co 228.616 {447}

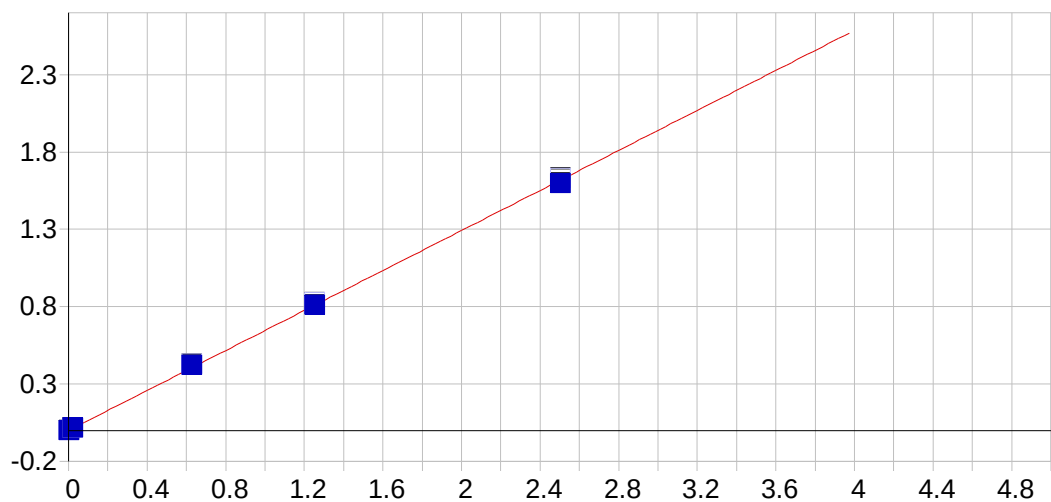
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000391
 A1 (Gain): 0.849672
 A2 (Curvature): 0.007571
 n (Exponent): 1.000000
 Correlation: 0.999966
 Std Error of Est: 0.000187
 Predicted MDL: 0.000309
 Predicted MQL: 0.001029

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.03000	.03352	.004	11.7	.02793	.000	1
S3	1.2500	1.2585	.008	.678	1.0817	.007	1
S4	2.5000	2.4809	-.019	-.764	2.1558	.003	1
S5	5.0000	5.0071	.007	.143	4.4472	.011	1

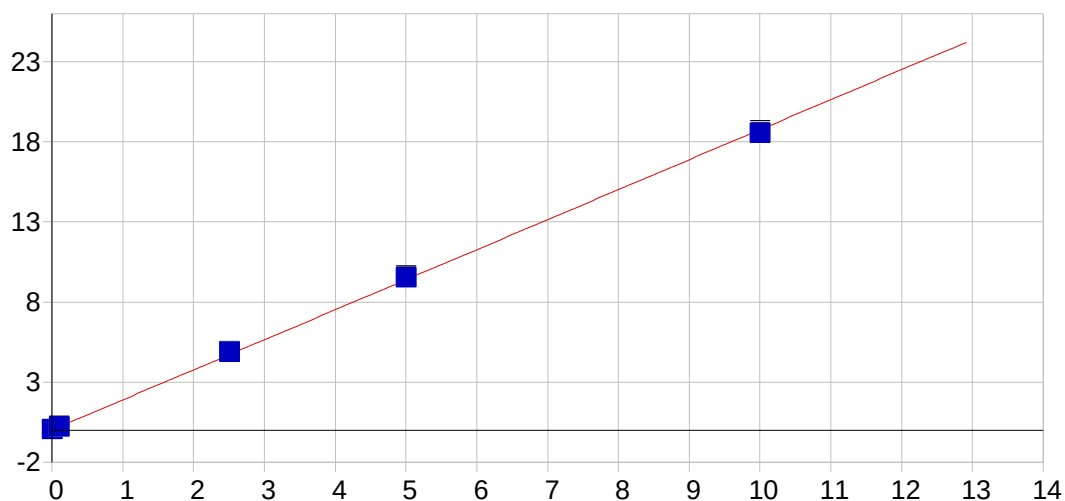


Cu 224.700 {450}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000481 Re-Slope: 1.000000
 A1 (Gain): 0.646551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000150
 Predicted MDL: 0.000551
 Predicted MQL: 0.001838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00048	.000	1
S1	.02000	.02238	.002	11.9	.01423	.000	1
S3	.62500	.64967	.025	3.95	.42706	.003	1
S4	1.2500	1.2527	.003	.213	.82443	.000	1
S5	2.5000	2.4703	-.030	-1.19	1.6267	.004	1



Fe 240.488 {140}

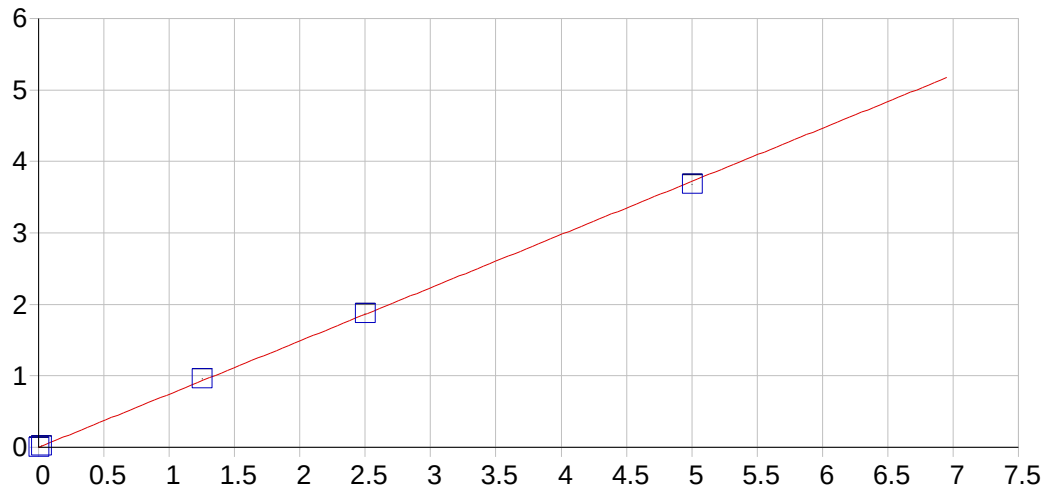
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022818 Re-Slope: 1.000000
 A1 (Gain): 1.873886 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868
 Std Error of Est: 0.001656
 Predicted MDL: 0.007115
 Predicted MQL: 0.023717

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02281	.024	1
S1	.10000	.10126	.001	1.26	.21348	.018	1
S3	2.5000	2.5790	.079	3.16	4.8791	.026	1
S4	5.0000	5.0497	.050	.993	9.5324	.102	1
S5	10.000	9.8701	-.130	-1.30	18.612	.065	1



Mn 257.610 {131}

Date of Fit: 11/16/2018 19:22:02

Type of Fit: Linear

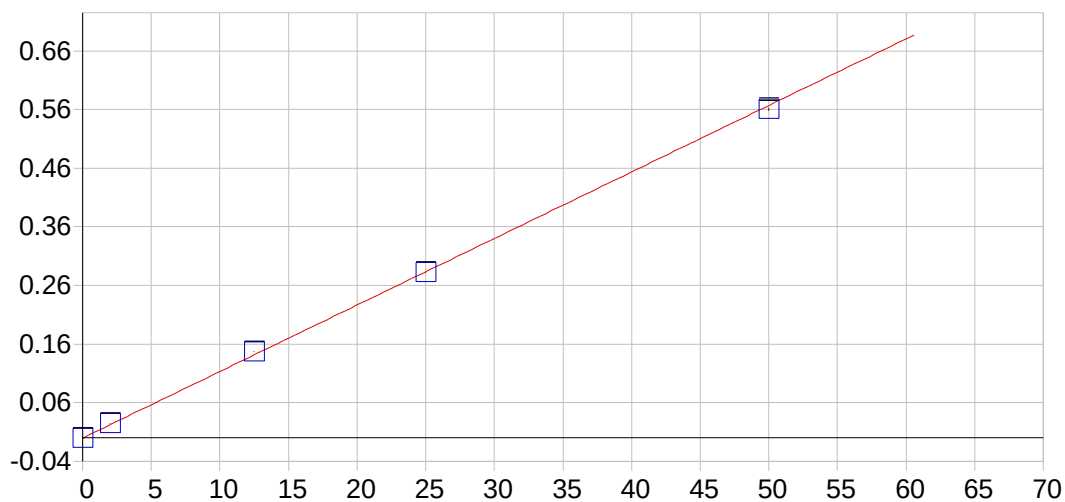
Weighting: 1/Conc

A0 (Offset): 0.000136
 A1 (Gain): 0.744145
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.000219
 Predicted MDL: 0.000084
 Predicted MQL: 0.000281

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.02000	.02273	.003	13.6	.01705	.000	1
S3	1.2500	1.2927	.043	3.42	.96208	.000	1
S4	2.5000	2.5136	.014	.545	1.8706	.004	1
S5	5.0000	4.9410	-.059	-1.18	3.6769	.001	1

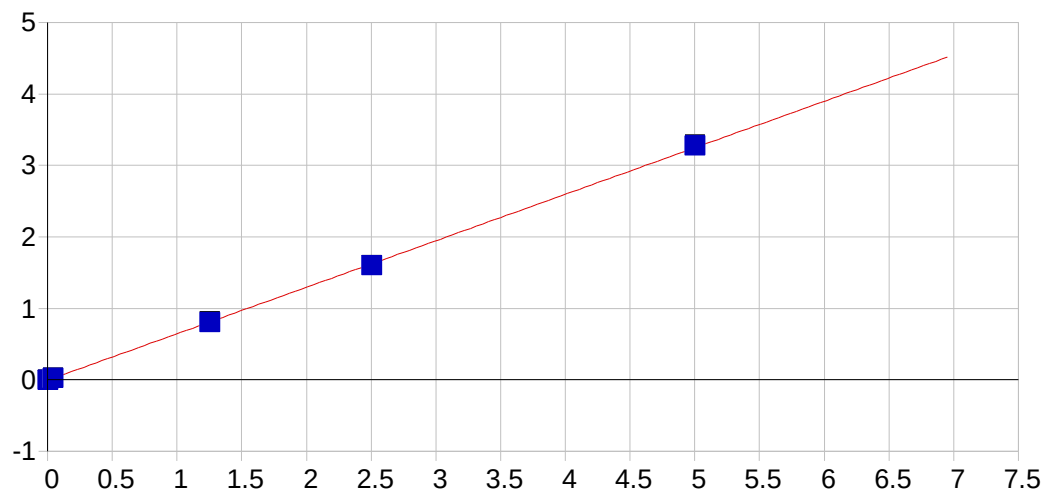


Mg 279.079 {121}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.011343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.048975
 Predicted MQL: 0.163250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2147	.215	10.7	.02492	.000	1
S0	.00000	-.00026	-.000	.000	-.00021	.001	1
S3	12.500	12.970	.470	3.76	.14692	.001	1
S4	25.000	24.910	-.090	-.360	.28236	.000	1
S5	50.000	49.405	-.595	-1.19	.56022	.002	1



Ni 231.604 {445}

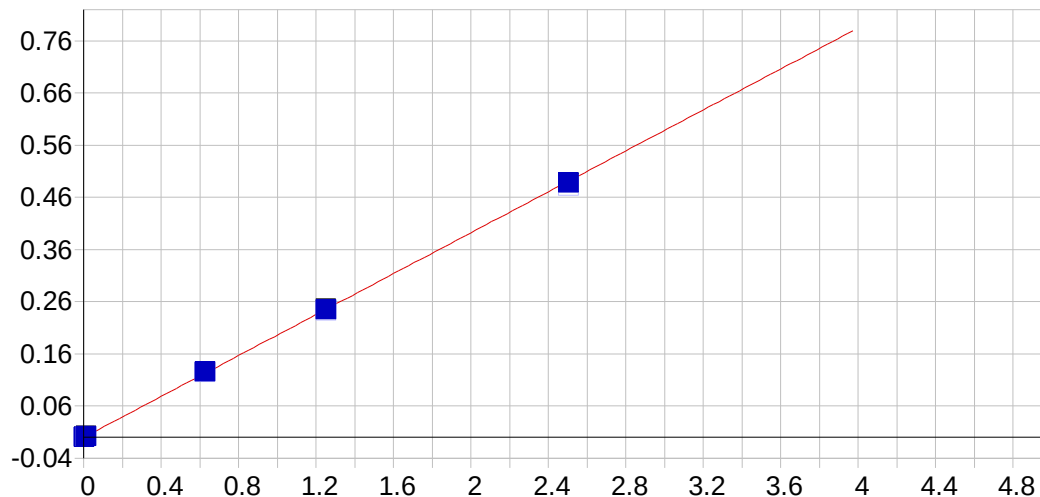
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005803 Re-Slope: 1.000000
 A1 (Gain): 0.650589 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928
 Std Error of Est: 0.000190
 Predicted MDL: 0.000479
 Predicted MQL: 0.001597

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00580	.000	1
S1	.04000	.04266	.003	6.65	.02197	.000	1
S3	1.2500	1.2440	-.006	-.479	.80442	.003	1
S4	2.5000	2.4589	-.041	-1.64	1.5957	.001	1
S5	5.0000	5.0444	.044	.888	3.2796	.008	1



Ag 328.068 {103}

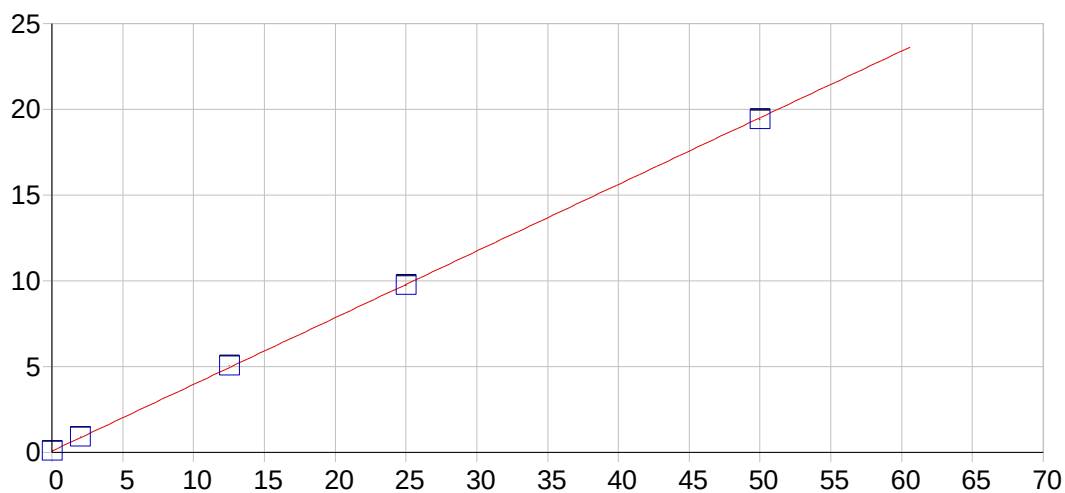
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028
 A1 (Gain): 0.196240
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923
 Std Error of Est: 0.000021
 Predicted MDL: 0.000617
 Predicted MQL: 0.002057

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	-.00003	.000	1
S1	.01000	.01108	.001	10.8	.00211	.000	1
S3	.62500	.64139	.016	2.62	.12445	.000	1
S4	1.2500	1.2495	-.000	-.039	.24239	.001	1
S5	2.5000	2.4830	-.017	-.679	.48167	.000	1

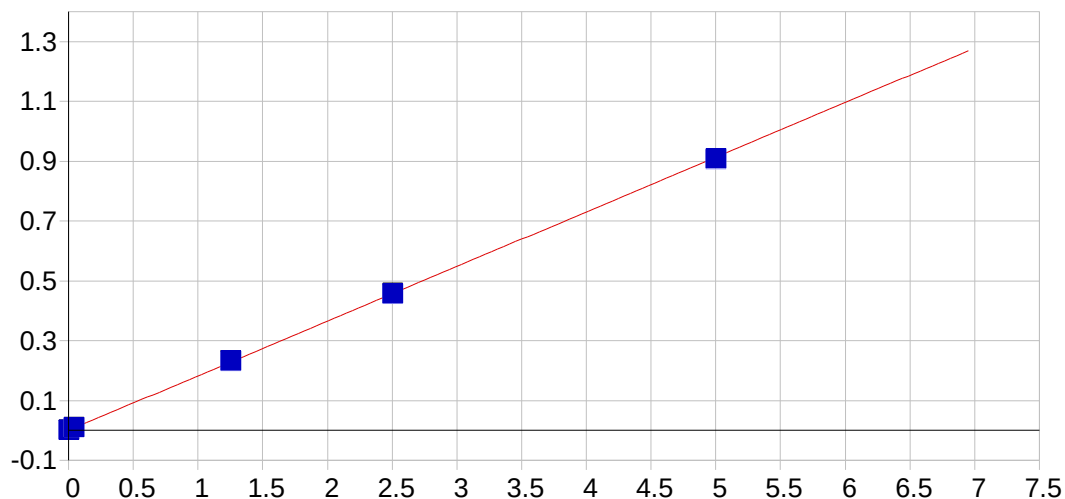


Na 589.592 { 57}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.076486 Re-Slope: 1.000000
 A1 (Gain): 0.388749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.002892
 Predicted MDL: 0.010835
 Predicted MQL: 0.036118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1200	.120	6.00	.90064	.004	1
S0	.00000	-.00015	-.000	.000	.07643	.006	1
S3	12.500	12.798	.298	2.38	5.0515	.007	1
S4	25.000	24.856	-.144	-.576	9.7393	.022	1
S5	50.000	49.726	-.274	-.547	19.408	.043	1



V 292.402 {115}

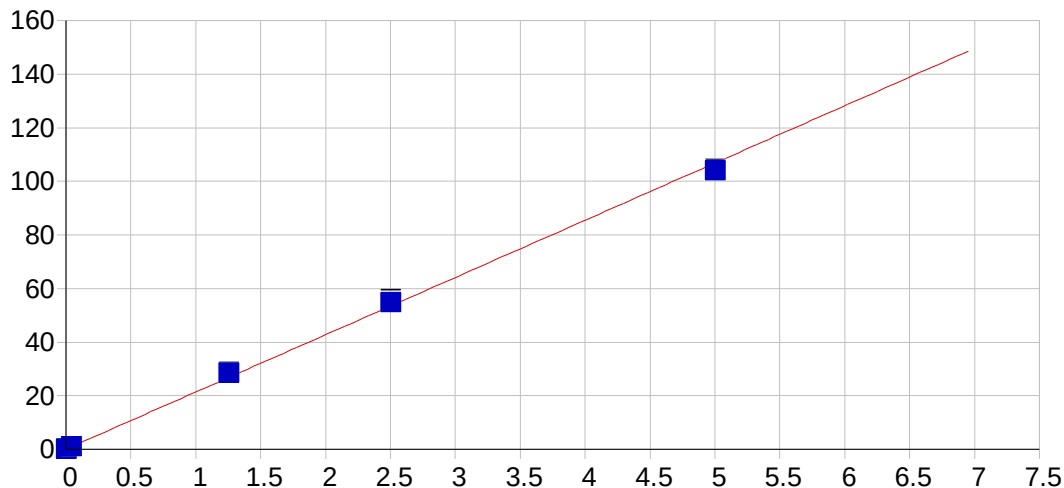
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.182674 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000052
 Predicted MDL: 0.000512
 Predicted MQL: 0.001708

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04562	.006	14.1	.00819	.000	1
S3	1.2500	1.2694	.019	1.55	.23036	.000	1
S4	2.5000	2.5004	.000	.018	.45375	.002	1
S5	5.0000	4.9746	-.025	-.508	.90273	.000	1

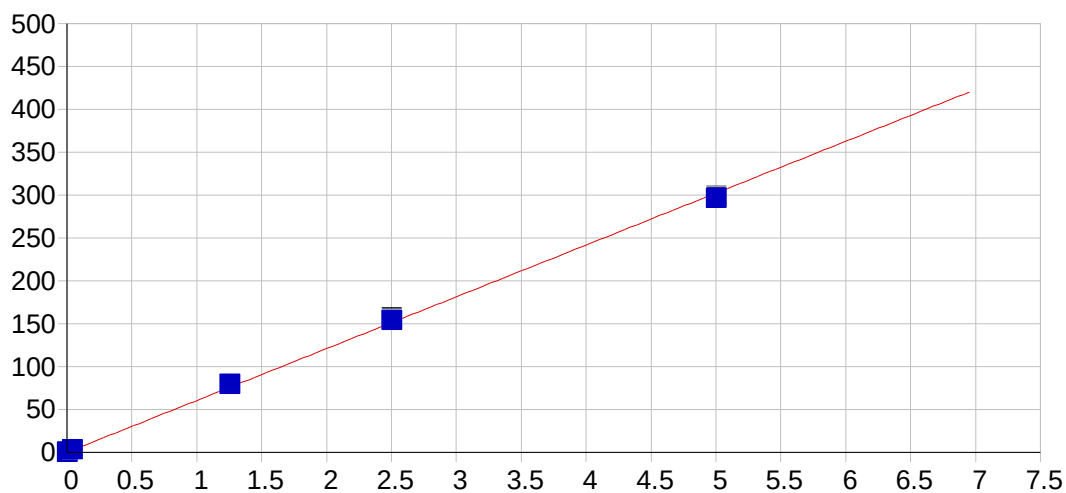


Zn 206.200 {163}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.034029 Re-Slope: 1.000000
 A1 (Gain): 21.359922 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.018241
 Predicted MDL: 0.000634
 Predicted MQL: 0.002112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.03383	.016	1
S1	.04000	.04698	.007	17.4	1.0431	.006	1
S3	1.2500	1.3247	.075	5.98	28.492	.272	1
S4	2.5000	2.5581	.058	2.33	54.999	.871	1
S5	5.0000	4.8601	-.140	-2.80	104.49	.153	1

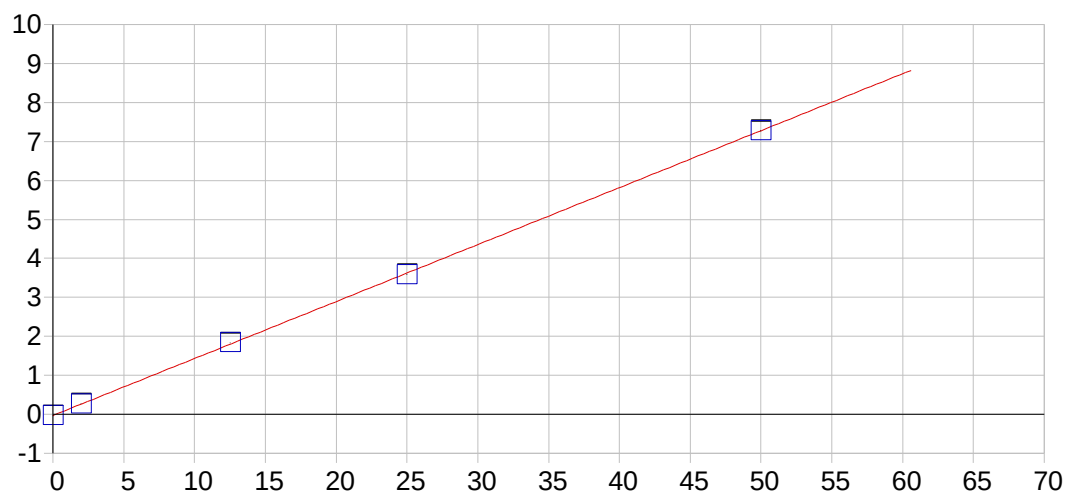


Zn 213.856 {458}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.074553 Re-Slope: 1.000000
 A1 (Gain): 60.442156 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633 Status: OK.
 Std Error of Est: 0.039879
 Predicted MDL: 0.000112
 Predicted MQL: 0.000373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.07406	.003	1
S1	.04000	.04654	.007	16.4	2.9036	.009	1
S3	1.2500	1.3084	.058	4.68	79.617	.223	1
S4	2.5000	2.5385	.038	1.54	154.42	2.09	1
S5	5.0000	4.8965	-.103	-2.07	297.86	.567	1



K 766.490 {44}

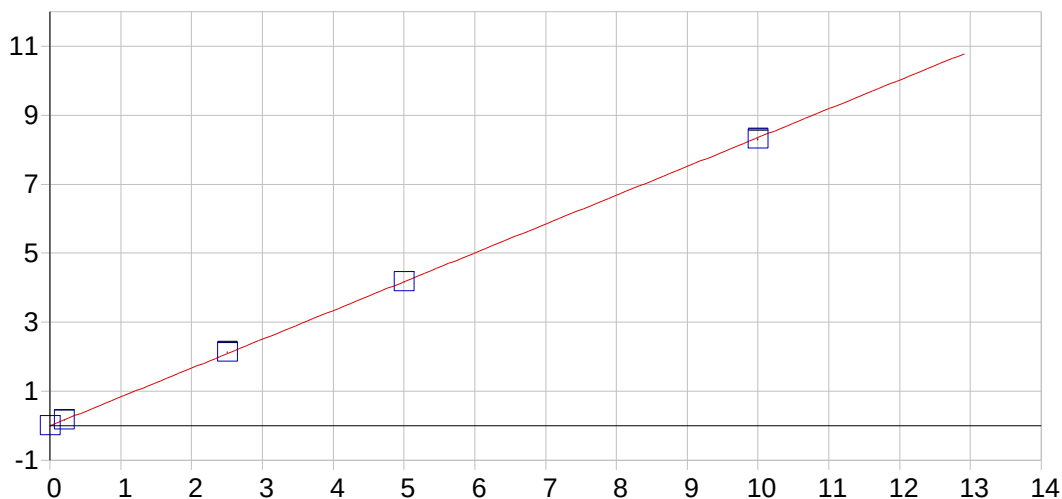
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.029510 Re-Slope: 1.000000
 A1 (Gain): 0.146143 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000858
 Predicted MDL: 0.036188
 Predicted MQL: 0.120628

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0594	.059	2.97	.27145	.002	1
S0	.00000	-.00008	-.000	.000	-.02952	.001	1
S3	12.500	12.756	.256	2.05	1.8346	.011	1
S4	25.000	24.711	-.289	-1.16	3.5819	.008	1
S5	50.000	49.974	-.026	-.053	7.2738	.015	1



Mo 202.030 {467}

Date of Fit: 11/16/2018 19:22:02

Type of Fit: Linear

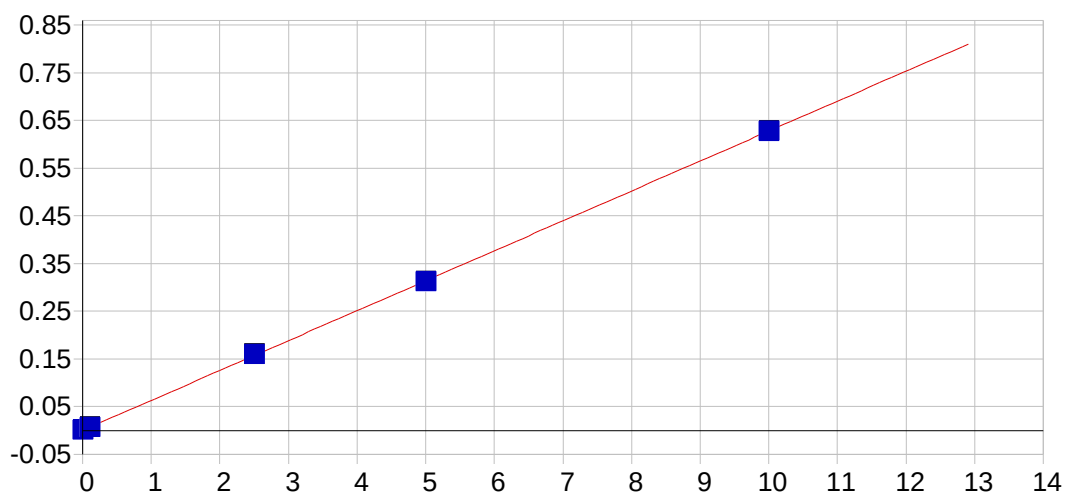
Weighting: 1/Conc

A0 (Offset): 0.000029
 A1 (Gain): 0.835042
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000662
 Predicted MDL: 0.000292
 Predicted MQL: 0.000973

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	.00002	.000	1
S1	.20000	.20949	.009	4.74	.17496	.000	1
S3	2.5000	2.5530	.053	2.12	2.1319	.014	1
S4	5.0000	4.9925	-.008	-.151	4.1689	.000	1
S5	10.000	9.9451	-.055	-.549	8.3046	.025	1

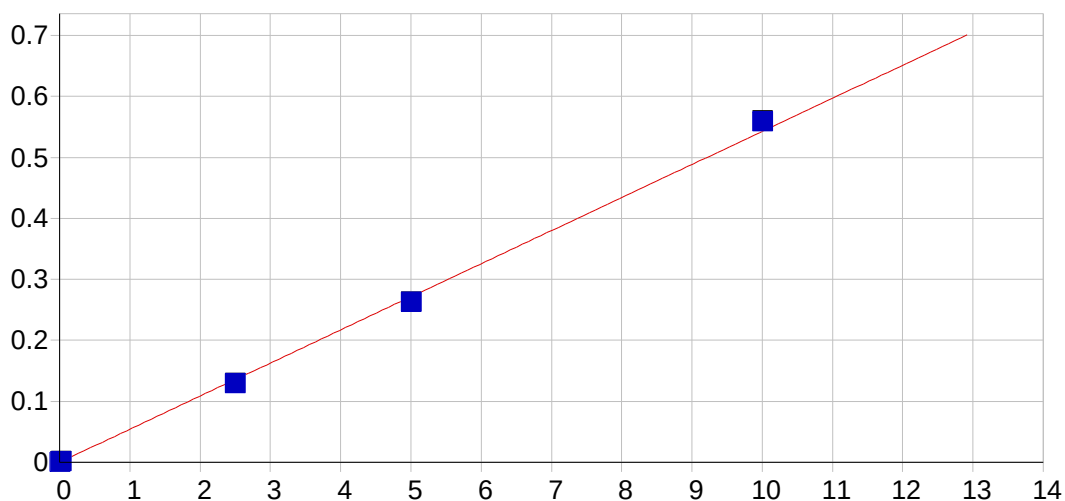


B 249.678 {135}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335 Re-Slope: 1.000000
 A1 (Gain): 0.062770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.008503
 Predicted MQL: 0.028344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00033	.000	1
S1	.10000	.10490	.005	4.90	.00689	.000	1
S3	2.5000	2.5330	.033	1.32	.15897	.001	1
S4	5.0000	4.9648	-.035	-.704	.31124	.001	1
S5	10.000	9.9973	-.003	-.027	.62640	.000	1



S 182.034 {485}

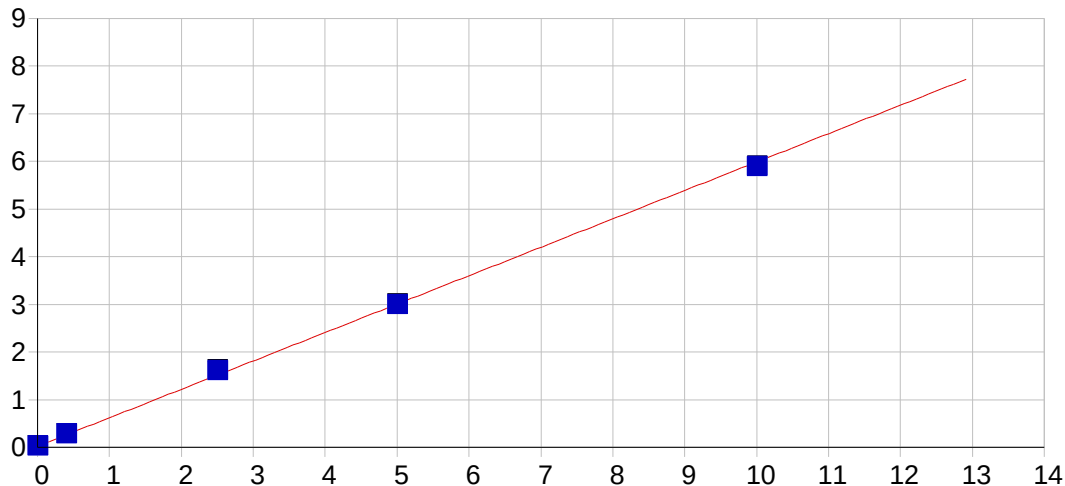
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.054244 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999396
 Std Error of Est: 0.000045
 Predicted MDL: 0.002986
 Predicted MQL: 0.009954

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.02000	.01850	-.001	-7.49	.00110	.000	1
S3	2.5000	2.3689	-.131	-5.24	.12848	.000	1
S4	5.0000	4.8363	-.164	-3.27	.26217	.000	1
S5	10.000	10.296	.296	2.96	.55803	.001	1

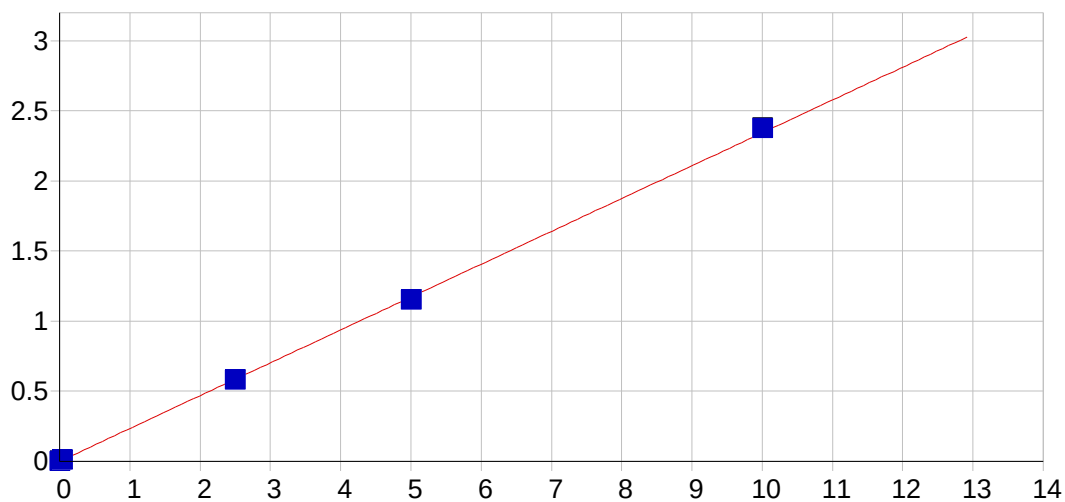


Si 288.158 {117}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023841 Re-Slope: 1.000000
 A1 (Gain): 0.596355 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.001785
 Predicted MDL: 0.002656
 Predicted MQL: 0.008852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.02382	.000	1
S1	.40000	.42488	.025	6.22	.27702	.000	1
S3	2.5000	2.6527	.153	6.11	1.6050	.017	1
S4	5.0000	4.9812	-.019	-.377	2.9928	.014	1
S5	10.000	9.8413	-.159	-1.59	5.8896	.007	1

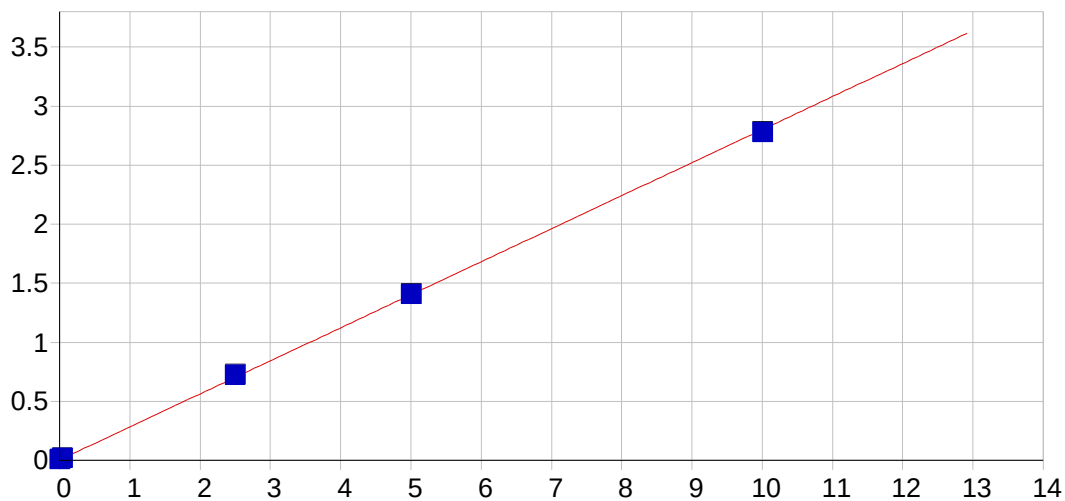


Sn 189.989 {477}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000574 Re-Slope: 1.000000
 A1 (Gain): 0.234278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000704
 Predicted MQL: 0.002348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.04000	.04191	.002	4.77	.01039	.000	1
S3	2.5000	2.4635	-.037	-1.46	.57781	.003	1
S4	5.0000	4.9110	-.089	-1.78	1.1513	.001	1
S5	10.000	10.124	.124	1.24	2.3727	.004	1



Ti 336.121 {100}

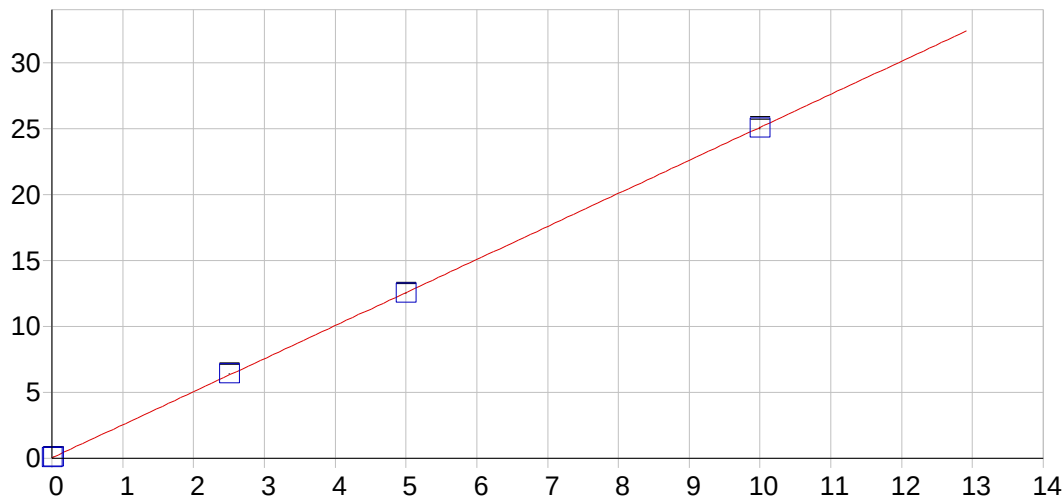
Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003385 Re-Slope: 1.000000
 A1 (Gain): 0.279748 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886
 Std Error of Est: 0.000145
 Predicted MDL: 0.002790
 Predicted MQL: 0.009299

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00338	.000	1
S1	.04000	.04703	.007	17.6	.01654	.000	1
S3	2.5000	2.5686	.069	2.74	.72185	.002	1
S4	5.0000	5.0159	.016	.317	1.4064	.004	1
S5	10.000	9.9085	-.091	-.915	2.7749	.006	1



Date of Fit: 11/16/2018 19:22:02

Type of Fit: Linear

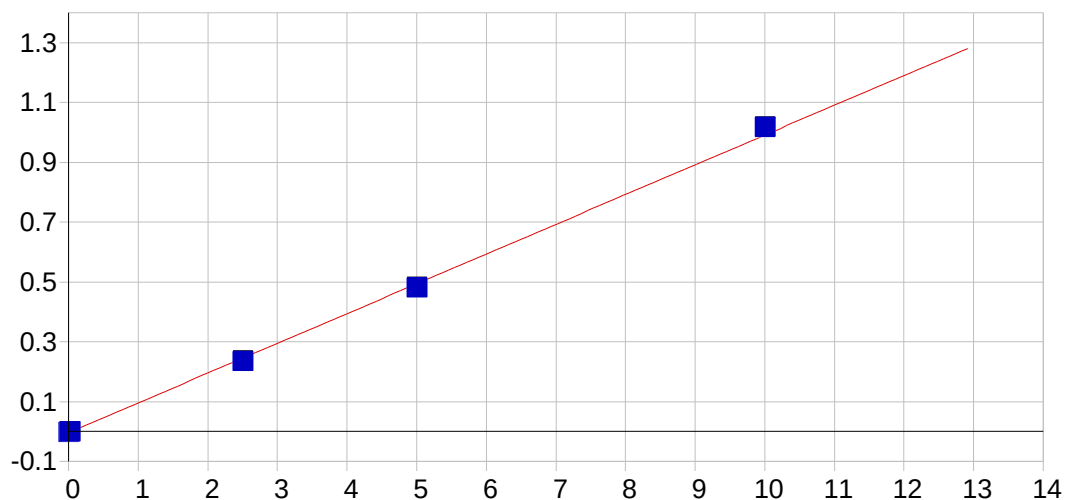
Weighting: 1/Conc

A0 (Offset): 0.035283
 A1 (Gain): 2.507003
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000490
 Predicted MDL: 0.001767
 Predicted MQL: 0.005890

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	.03529	.001	1
S1	.02000	.01866	-.001	-6.69	.08207	.001	1
S3	2.5000	2.5478	.048	1.91	6.4225	.042	1
S4	5.0000	4.9838	-.016	-.325	12.530	.040	1
S5	10.000	9.9698	-.030	-.302	25.030	.093	1

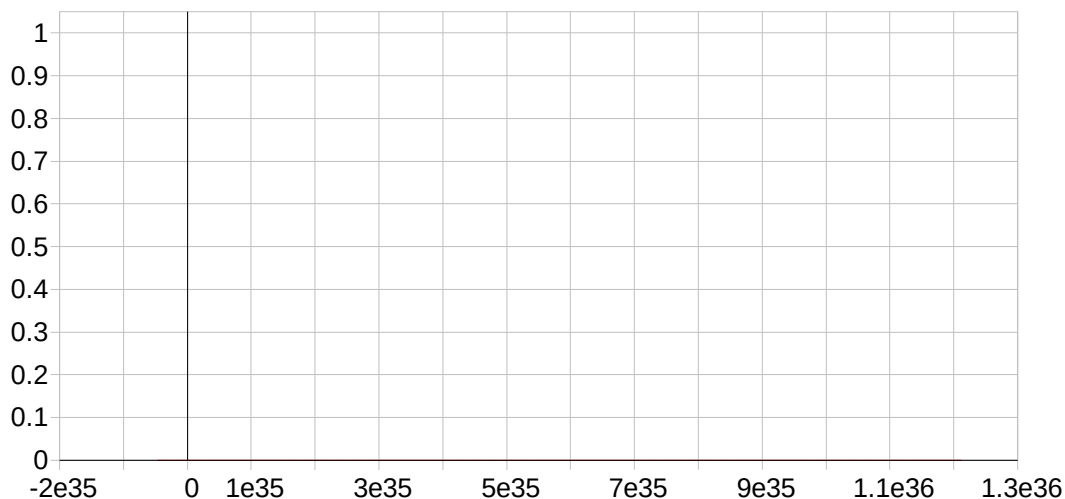


P 177.495 {490}

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003869 Re-Slope: 1.000000
 A1 (Gain): 0.099506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999568 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001731
 Predicted MQL: 0.005769

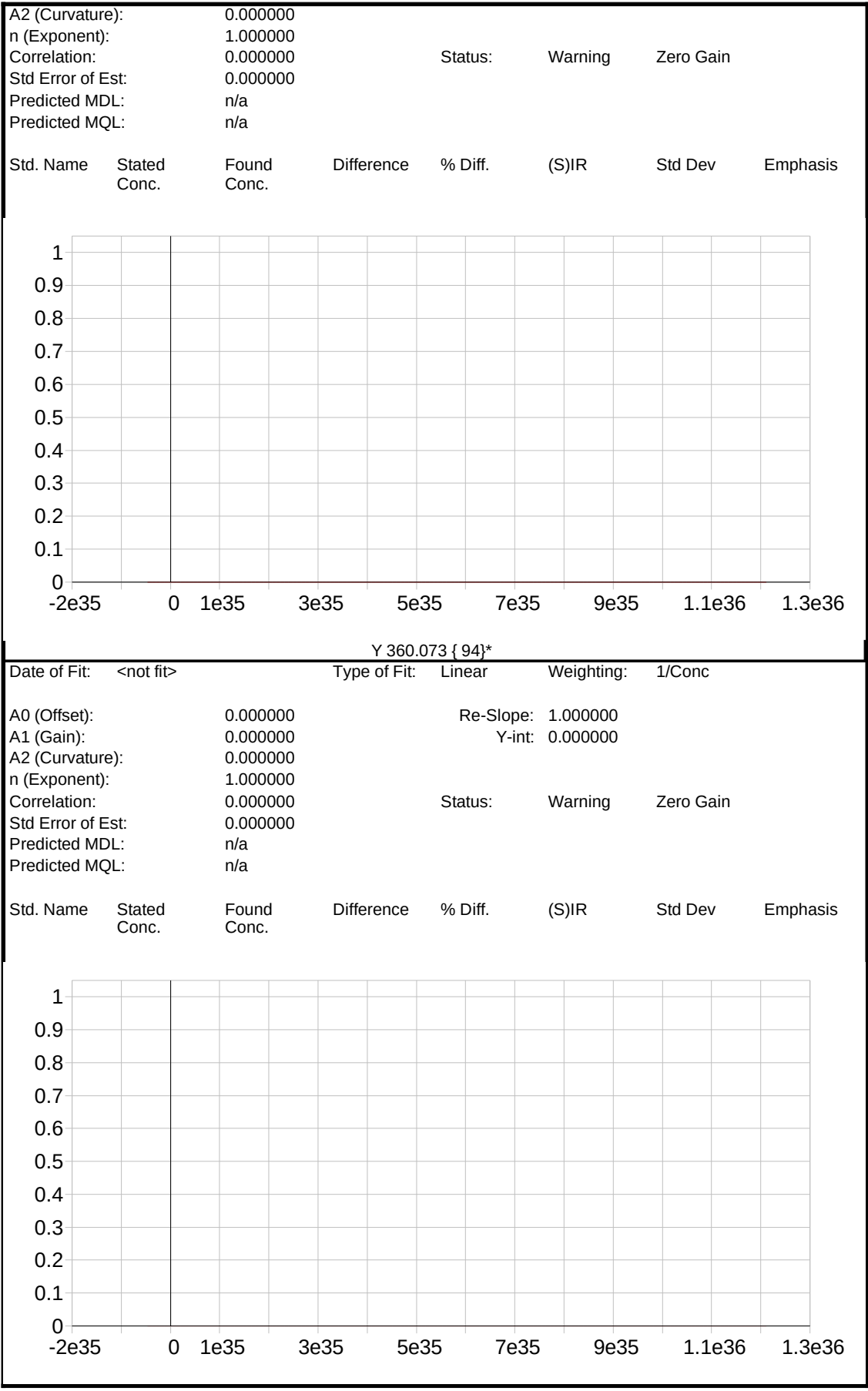
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00387	.000	1
S1	.02000	.01776	-.002	-11.2	-.00211	.000	1
S3	2.5000	2.3895	-.111	-4.42	.23354	.001	1
S4	5.0000	4.8634	-.137	-2.73	.47935	.001	1
S5	10.000	10.249	.249	2.49	1.0146	.002	1

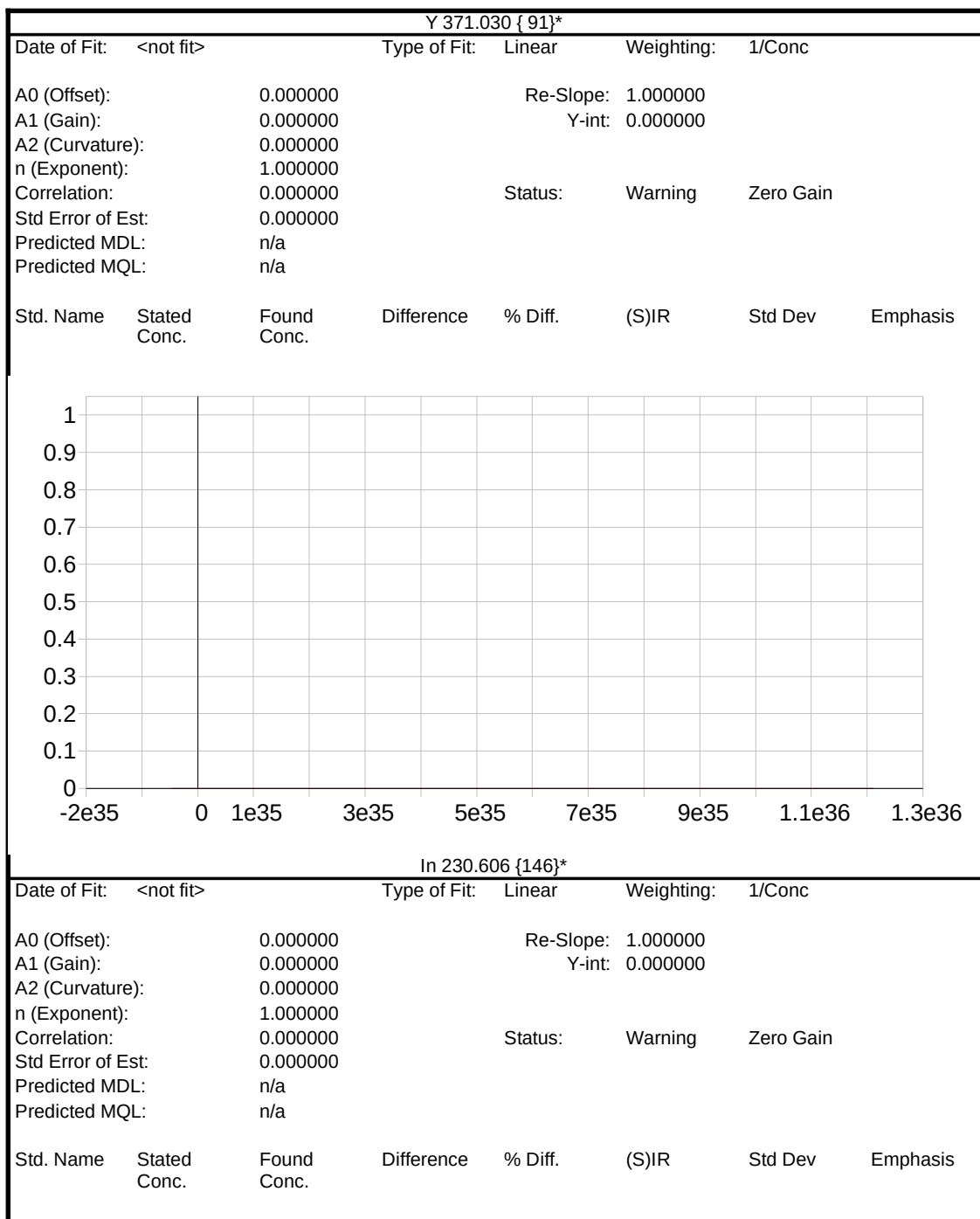


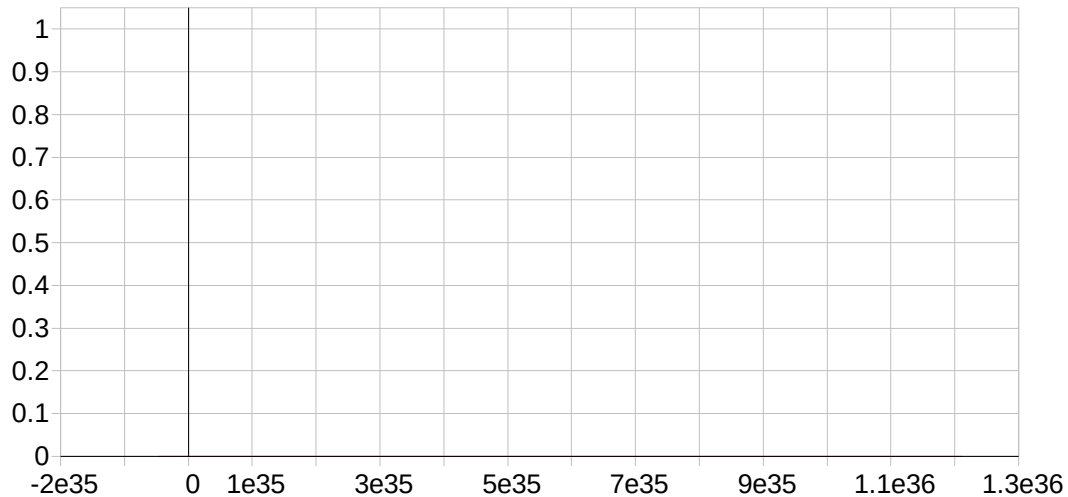
Y 224.306 {450}*

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

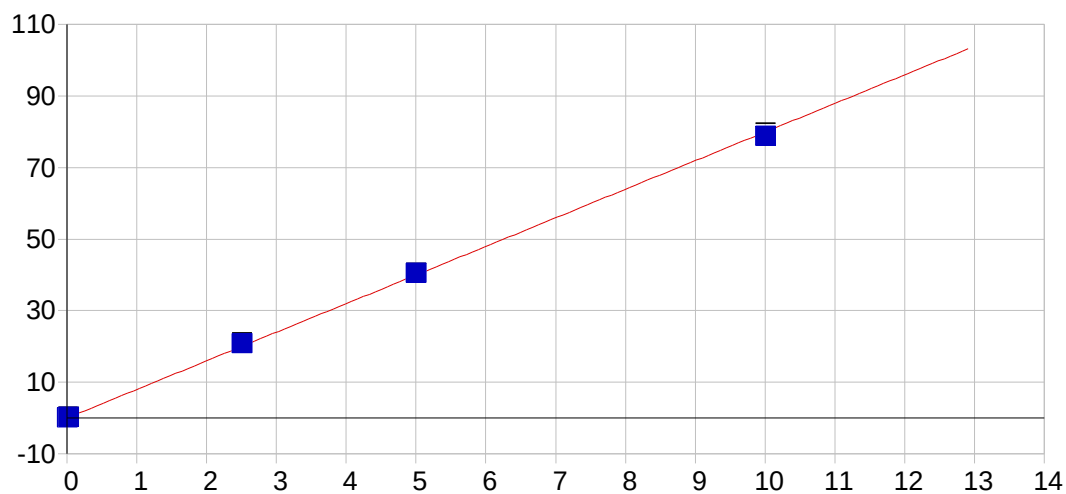
Status: Warning Zero Gain

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: 11/16/2018 19:22:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006495

Re-Slope: 1.000000

A1 (Gain): 7.990719

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999810

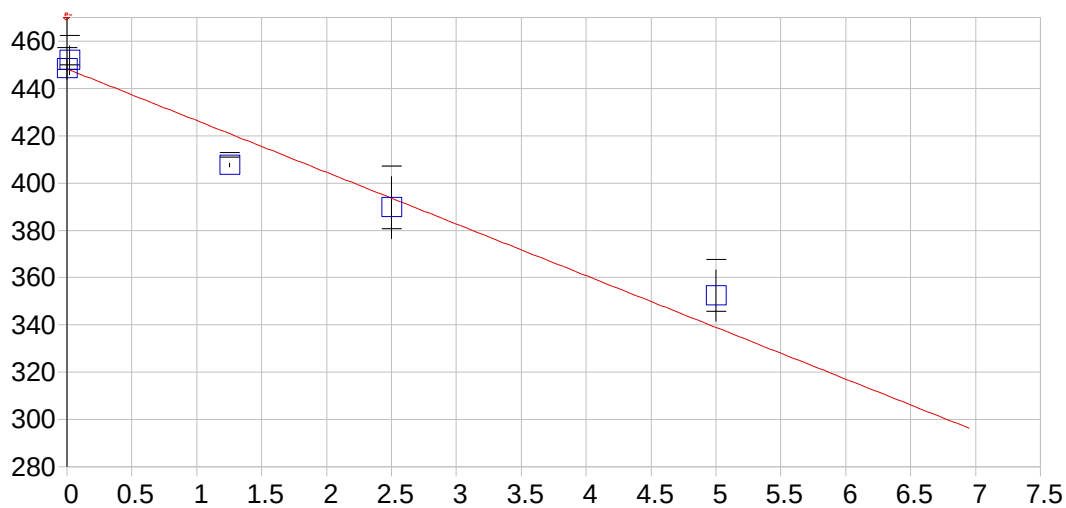
Status: OK.

Std Error of Est: 0.003770

Predicted MDL: 0.000174

Predicted MQL: 0.000579

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00651	.000	1
S1	.02000	.02124	.001	6.20	.16411	.000	1
S3	2.5000	2.5978	.098	3.91	20.774	.106	1
S4	5.0000	5.0511	.051	1.02	40.400	.068	1
S5	10.000	9.8498	-.150	-1.50	78.788	.758	1

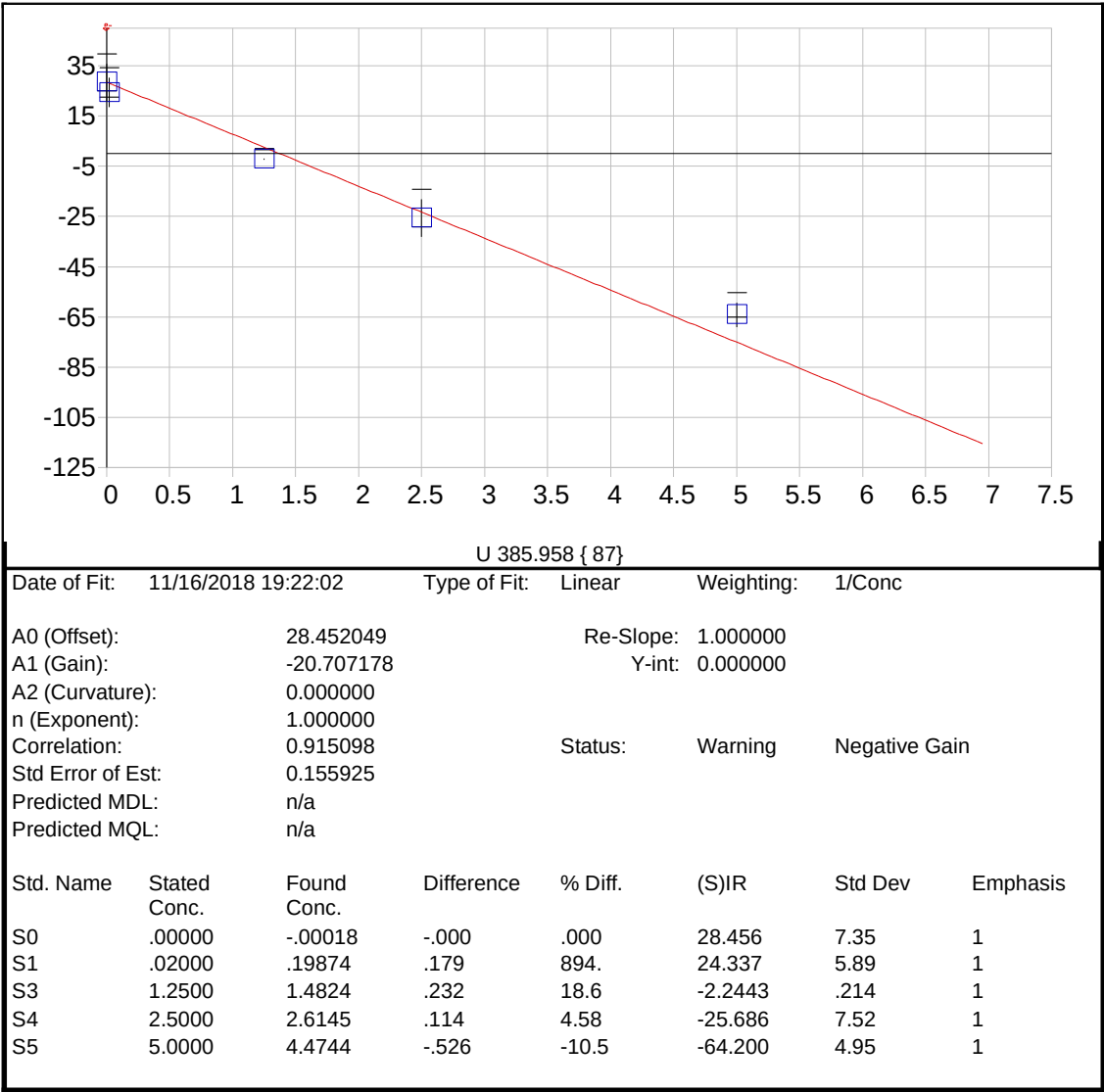


U 367.007 { 92 }

Date of Fit: 11/16/2018 19:22:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 448.274154 Re-Slope: 1.000000
A1 (Gain): -21.861905 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.898186 Status: Warning Negative Gain
Std Error of Est: 0.182854
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	448.27	4.55	1
S1	.02000	-.16492	-.185	-925.	451.88	6.16	1
S3	1.2500	1.8630	.613	49.0	407.55	.889	1
S4	2.5000	2.6854	.185	7.41	389.57	13.2	1
S5	5.0000	4.3866	-.613	-12.3	352.37	11.0	1



Sample Name: S0 Acquired: 11/16/2018 11:55:55 Type: Cal
Method: P4-ICP2(v2589) 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	.00013	-.00039	.00168	-.00012	.00080	-.00009	.07697	.00005
Stddev	.00000	.00004	.00011	.00019	.00017	.00008	.00013	.00005
%RSD	.08240	10.520	6.3447	160.12	21.948	90.201	.16936	108.00

#1	.00013	-.00037	.00176	.00002	.00092	-.00014	.07706	.00008
#2	.00013	-.00042	.00161	-.00026	.00067	-.00003	.07688	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00068	.00088	.00013	-.00039	-.00048	.02281	.00013	-.00021
Stddev	.00020	.00062	.00002	.00025	.00017	.02414	.00002	.00054
%RSD	29.588	71.224	15.709	64.115	34.743	105.82	17.459	257.87

#1	-.00082	.00132	.00015	-.00057	-.00036	.03988	.00012	.00017
#2	-.00054	.00043	.00012	-.00022	-.00060	.00574	.00015	-.00059

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	-.00580	-.00003	.07643	-.00003	.07406	-.02952	.00002	.00033
Stddev	.00011	.00006	.00566	.00003	.00257	.00141	.00033	.00044
%RSD	1.9198	208.45	7.4107	107.79	3.4645	4.7900	1812.8	132.30

#1	-.00588	.00001	.08043	-.00005	.07587	-.02852	-.00022	.00065
#2	-.00573	-.00007	.07242	-.00001	.07224	-.03052	.00025	.00002

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	.00013	.02382	.00057	.00338	.03529	-.0039	-.00651	448.27
Stddev	.00003	.00027	.00013	.00009	.00129	.0001	.00028	4.55
%RSD	24.852	1.1220	22.960	2.7239	3.6664	3.026	4.3382	1.0140

#1	.00011	.02401	.00048	.00332	.03437	-.0038	-.00671	451.48
#2	.00016	.02363	.00067	.00345	.03620	-.0040	-.00631	445.06

Sample Name: S0 Acquired: 11/16/2018 11:55:55 Type: Cal
Method: P4-ICP2(v2589) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	28.456
Stddev	7.346
%RSD	25.814

#1	23.262
#2	33.650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.0	63747.	3378.4	110.41	3951.1
Stddev	19.0	670.	13.6	1.67	20.4
%RSD	.51950	1.0513	.40395	1.5138	.51617

#1	3643.6	63274.	3388.1	111.59	3936.6
#2	3670.4	64221.	3368.8	109.23	3965.5

Sample Name: S1 Acquired: 11/16/2018 11:59:58 Type: Cal
Method: P4-ICP2(v2589) 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	.00169	.00699	.00420	.00108	.00788	.00062	.57766	.00382
Stddev	.00000	.00000	.00031	.00008	.00007	.00006	.00817	.00002
%RSD	.02635	.04232	7.3544	7.2691	.92779	9.4797	1.4148	.56687

#1	.00169	.00699	.00442	.00114	.00782	.00058	.57188	.00383
#2	.00169	.00699	.00399	.00103	.00793	.00066	.58344	.00380

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	.01752	.00153	.02793	.01423	.21348	.01705	.02197	.00211
Stddev	.00009	.00005	.00026	.00001	.01794	.00014	.00008	.00012
%RSD	.52117	3.3644	.93757	.07792	8.4014	.82769	.36043	5.7163

#1	.01746	.00156	.02774	.01422	.22616	.01715	.02191	.00202
#2	.01759	.00149	.02811	.01423	.20080	.01695	.02202	.00219

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	.00819	2.9036	.17496	.00689	.00110	.27702	.01039	.01654
Stddev	.00021	.0086	.00012	.00029	.00003	.00017	.00010	.00012
%RSD	2.6039	.29567	.07033	4.2771	2.8219	.06273	.96861	.72238

#1	.00834	2.9097	.17487	.00710	.00108	.27690	.01032	.01645
#2	.00804	2.8975	.17505	.00668	.00113	.27715	.01046	.01662

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08207	-.0021	.16411	451.88	24.337
Stddev	.00101	.0003	.00050	6.16	5.888
%RSD	1.2279	12.65	.30380	1.3639	24.193

#1	.08135	-.0019	.16376	456.24	20.173
#2	.08278	-.0023	.16447	447.52	28.500

Sample Name: S1 Acquired: 11/16/2018 11:59:58 Type: Cal
Method: P4-ICP2(v2589) 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	3614.6	62898.	3364.5	110.28	3887.8
Stddev	4.0	411.	25.4	.26	1.0
%RSD	.11094	.65380	.75415	.23753	.02684
#1	3611.8	62607.	3382.4	110.10	3887.0
#2	3617.5	63189.	3346.6	110.47	3888.5

Sample Name: S2 Acquired: 11/16/2018 12:04:03 Type: Cal
Method: P4-ICP2(v2589) 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	.11288	.02492	.90064	.27145
Stddev	.00091	.00022	.00421	.00236
%RSD	.80197	.87845	.46780	.86926

#1	.11352	.02476	.89766	.26978
#2	.11224	.02507	.90361	.27312

Int. Std.	Y_3710
Units	Cts/S
Avg	3362.8
Stddev	36.4
%RSD	1.0814

#1	3337.1
#2	3388.5

Sample Name: S3 Acquired: 11/16/2018 12:08:00 Type: Cal
Method: P4-ICP2(v2589) 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	.17847	.41124	.51845	.17675	.34339	.02735	23.637	.07671
Stddev	.00077	.00346	.00325	.00024	.00217	.00012	.128	.00023
%RSD	.43259	.84201	.62755	.13753	.63123	.43735	.53958	.30009

#1	.17901	.41369	.52075	.17693	.34493	.02744	23.727	.07654
#2	.17792	.40879	.51615	.17658	.34186	.02727	23.546	.07687

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	3.8950	.66637	.06970	1.0817	.42706	4.8791	.96208	.14692
Stddev	.0215	.00485	.00009	.0069	.00315	.0257	.00003	.00062
%RSD	.55172	.72814	.13546	.63941	.73650	.52621	.00307	.42139

#1	3.9102	.66980	.06963	1.0866	.42929	4.8610	.96210	.14735
#2	3.8798	.66294	.06977	1.0768	.42484	4.8973	.96206	.14648

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	.80442	.12445	5.0515	.23036	79.617	1.8346	2.1319	.15897
Stddev	.00277	.00033	.0067	.00036	.223	.0106	.0144	.00117
%RSD	.34393	.26129	.13370	.15523	.27998	.57951	.67474	.73471

#1	.80638	.12422	5.0563	.23011	79.459	1.8422	2.1420	.15979
#2	.80247	.12468	5.0467	.23062	79.774	1.8271	2.1217	.15814

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	.12848	1.6050	.57781	.72185	6.4225	.2335	20.774	407.55
Stddev	.00027	.0168	.00285	.00221	.0425	.0010	.106	.89
%RSD	.20936	1.0481	.49371	.30570	.66135	.4483	.50982	.21812

#1	.12867	1.6169	.57983	.72341	6.4525	.2343	20.849	406.92
#2	.12829	1.5931	.57580	.72029	6.3925	.2328	20.699	408.17

Sample Name: S3 Acquired: 11/16/2018 12:08:00 Type: Cal
 Method: P4-ICP2(v2589) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-2.2443
Stddev	.2141
%RSD	9.5404

#1	-2.3957
#2	-2.0929

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.2	60399.	3314.9	106.89	3577.8
Stddev	29.6	190.	42.6	.07	29.6
%RSD	.84546	.31497	1.2855	.06842	.82781

#1	3478.3	60264.	3284.8	106.94	3556.8
#2	3520.2	60533.	3345.0	106.84	3598.7

Sample Name: S4 Acquired: 11/16/2018 12:11:48 Type: Cal
Method: P4-ICP2(v2589) 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	.35100	.81835	1.0298	.34649	.67088	.05401	45.767	.15085
Stddev	.00045	.00013	.0015	.00011	.00040	.00031	.059	.00052
%RSD	.12753	.01543	.14604	.03072	.06000	.57522	.12838	.34439
#1	.35132	.81844	1.0309	.34642	.67116	.05423	45.725	.15121
#2	.35068	.81826	1.0288	.34657	.67059	.05379	45.808	.15048
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	7.8106	1.2684	.13679	2.1558	.82443	9.5324	1.8706	.28236
Stddev	.0133	.0070	.00052	.0029	.00002	.1017	.0038	.00027
%RSD	.17075	.55508	.38238	.13670	.00221	1.0672	.20292	.09407
#1	7.8200	1.2635	.13716	2.1579	.82444	9.6044	1.8733	.28217
#2	7.8012	1.2734	.13642	2.1537	.82442	9.4605	1.8679	.28255
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	1.5957	.24239	9.7393	.45375	154.42	3.5819	4.1689	.31124
Stddev	.0008	.00092	.0217	.00242	2.09	.0081	.0003	.00053
%RSD	.05120	.38099	.22300	.53383	1.3535	.22493	.00824	.16883
#1	1.5963	.24305	9.7239	.45547	155.90	3.5762	4.1687	.31161
#2	1.5952	.24174	9.7546	.45204	152.94	3.5876	4.1692	.31087
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	.26217	2.9928	1.1513	1.4064	12.530	.4793	40.400	389.57
Stddev	.00020	.0142	.0009	.0043	.040	.0013	.068	13.22
%RSD	.07814	.47497	.07830	.30416	.31902	.2781	.16929	3.3940
#1	.26231	2.9828	1.1520	1.4034	12.501	.4803	40.351	398.92
#2	.26202	3.0029	1.1507	1.4094	12.558	.4784	40.448	380.22

Sample Name: S4 Acquired: 11/16/2018 12:11:48 Type: Cal
Method: P4-ICP2(v2589) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-25.686
Stddev	7.516
%RSD	29.261

#1	-31.001
#2	-20.371

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.0	58326.	3285.2	104.11	3374.7
Stddev	9.2	289.	1.0	1.70	13.3
%RSD	.26943	.49570	.03016	1.6355	.39293

#1	3410.5	58122.	3284.5	102.90	3365.3
#2	3423.5	58531.	3285.9	105.31	3384.1

Sample Name: S5 Acquired: 11/16/2018 12:15:34 Type: Cal
Method: P4-ICP2(v2589) 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	.70988	1.6565	2.1154	.69865	1.3542	.11119	89.565	.29893
Stddev	.00251	.0045	.0059	.00240	.0014	.00070	.791	.00023
%RSD	.35319	.27005	.28070	.34288	.10693	.62712	.88288	.07605

#1	.71165	1.6534	2.1112	.70034	1.3552	.11069	89.005	.29909
#2	.70811	1.6597	2.1196	.69696	1.3532	.11168	90.124	.29877

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.121	2.5428	.26834	4.4472	1.6267	18.612	3.6769	.56022
Stddev	.055	.0148	.00078	.0109	.0042	.065	.0013	.00224
%RSD	.33949	.58334	.29225	.24417	.25650	.34972	.03567	.40044

#1	16.083	2.5324	.26890	4.4395	1.6296	18.566	3.6779	.56181
#2	16.160	2.5533	.26779	4.4549	1.6237	18.658	3.6760	.55863

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	3.2796	.48167	19.408	.90273	297.86	7.2738	8.3046	.62640
Stddev	.0085	.00036	.043	.00010	.57	.0155	.0247	.00028
%RSD	.25898	.07416	.22129	.01157	.19029	.21246	.29709	.04544

#1	3.2736	.48142	19.377	.90281	297.46	7.2629	8.3221	.62620
#2	3.2856	.48193	19.438	.90266	298.26	7.2847	8.2872	.62660

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	.55803	5.8896	2.3727	2.7749	25.030	1.015	78.788	352.37
Stddev	.00096	.0067	.0037	.0061	.093	.002	.758	10.97
%RSD	.17256	.11460	.15502	.21892	.36977	.1799	.96197	3.1129

#1	.55735	5.8848	2.3701	2.7706	24.964	1.013	79.324	360.13
#2	.55871	5.8944	2.3753	2.7792	25.095	1.016	78.252	344.62

Sample Name: S5 Acquired: 11/16/2018 12:15:34 Type: Cal
Method: P4-ICP2(v2589) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-64.200
Stddev	4.950
%RSD	7.7099

#1	-60.700
#2	-67.700

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3326.6	56993.	3290.4	104.73	3150.1
Stddev	11.0	101.	12.2	.00	2.2
%RSD	.33051	.17691	.36964	.00418	.07015

#1	3318.9	56922.	3281.8	104.73	3151.7
#2	3334.4	57065.	3299.0	104.73	3148.6

Sample Name: ICV01 Acquired: 11/16/2018 12:28:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95329	.99379	.96549	.96938	.96513	2.4548	.50656	.47735
Stddev	.00724	.00060	.00376	.00589	.00310	.0037	.00817	.00394
%RSD	.75944	.06041	.38978	.60723	.32121	.15159	1.6126	.82459
#1	.95841	.99336	.96282	.97355	.96294	2.4522	.51234	.47457
#2	.94817	.99421	.96815	.96522	.96732	2.4575	.50078	.48013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46091	10.143	.49150	.48364	.50397	4.9565	.50562	5.9542
Stddev	.00029	.092	.00309	.00083	.00183	.0120	.00551	.0573
%RSD	.06371	.90620	.62860	.17129	.36278	.24186	1.0892	.96305
#1	.46070	10.208	.48932	.48305	.50526	4.9649	.50172	5.9948
#2	.46111	10.078	.49369	.48422	.50268	4.9480	.50951	5.9137
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47397	.49133	9.9105	.49269	1.0078	9.6775	2.4856	2.5202
Stddev	.00017	.00138	.1485	.00335	.0056	.0248	.0080	.0204
%RSD	.03498	.28125	1.4982	.68060	.55867	.25624	.32143	.80857
#1	.47409	.49035	10.015	.49032	1.0118	9.6950	2.4913	2.5346
#2	.47386	.49230	9.8055	.49506	1.0039	9.6600	2.4800	2.5058
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01482	2.4422	2.3674	2.5327	F .00214	F .0004	F .01037	F 1.5808
Stddev	.00113	.0292	.0043	.0239	.00046	.0012	.00002	.0478
%RSD	7.6443	1.1941	.18135	.94581	21.454	323.8	.23062	3.0212
#1	.01402	2.4629	2.3705	2.5496	.00182	-.0005	.01036	1.6145
#2	.01562	2.4216	2.3644	2.5157	.00247	.0012	.01039	1.5470

Sample Name: ICV01 Acquired: 11/16/2018 12:28:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0288
Stddev	.0984
%RSD	4.8483

#1	2.0984
#2	1.9593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.6	60683.	3386.6	108.10	3706.3
Stddev	16.2	384.	48.8	.84	11.8
%RSD	.45573	.63268	1.4407	.77783	.31822

#1	3539.1	60955.	3352.1	107.51	3698.0
#2	3562.0	60412.	3421.1	108.70	3714.7

Sample Name: LLICV01 Acquired: 11/16/2018 12:32:06 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01902	.04638	.01226	.01987	.05788	.09648	.11498	.00657
Stddev	.00109	.00172	.00016	.00124	.00092	.00477	.00125	.00003
%RSD	5.7187	3.6985	1.2961	6.2476	1.5970	4.9427	1.0857	.51393
#1	.01979	.04760	.01215	.02075	.05853	.09985	.11410	.00659
#2	.01825	.04517	.01237	.01900	.05723	.09311	.11586	.00654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00593	2.2154	.01047	.03439	.02297	.10270	.02380	2.3112
Stddev	.00003	.0101	.00022	.00000	.00032	.01014	.00014	.0343
%RSD	.55829	.45560	2.1392	.00793	1.3749	9.8765	.59057	1.4820
#1	.00595	2.2082	.01032	.03440	.02319	.09553	.02371	2.2870
#2	.00591	2.2225	.01063	.03439	.02275	.10988	.02390	2.3354
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04376	.01134	2.1394	.04681	.04793	2.0634	.21367	.11324
Stddev	.00011	.00004	.0709	.00045	.00020	.0608	.00242	.01754
%RSD	.24809	.38955	3.3149	.95776	.42755	2.9454	1.1310	15.491
#1	.04368	.01131	2.0892	.04650	.04807	2.0204	.21538	.10084
#2	.04383	.01137	2.1895	.04713	.04778	2.1063	.21196	.12565
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02056	.43599	.04250	.04799	.01919	.0171	.02185	F 1.4024
Stddev	.00175	.00991	.00122	.00124	.00018	.0014	.00054	.4821
%RSD	8.4959	2.2725	2.8806	2.5798	.92383	8.254	2.4546	34.378
#1	.01933	.42899	.04337	.04711	.01906	.0181	.02147	1.0615
#2	.02180	.44300	.04164	.04886	.01931	.0161	.02223	1.7433

Sample Name: LLICV01 Acquired: 11/16/2018 12:32:06 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .74771
Stddev	.07609
%RSD	10.176

#1	.69391
#2	.80151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.1	60495.	3324.7	111.29	3818.6
Stddev	44.3	32.	68.2	.58	27.4
%RSD	1.2474	.05257	2.0506	.51841	.71742

#1	3516.8	60517.	3372.9	111.70	3799.2
#2	3579.4	60472.	3276.5	110.88	3837.9

Sample Name: ICB01 Acquired: 11/16/2018 12:36:09 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00044	-.00058	-.00100	.00052	.02017	.00128	.00001
Stddev	.00186	.00090	.00081	.00298	.00028	.00646	.00022	.00007
%RSD	102.66	203.72	141.11	298.77	55.159	32.042	17.300	801.20
#1	.00312	-.00108	-.00115	-.00310	.00072	.02473	.00144	-.00004
#2	.00050	.00020	-.00000	.00111	.00031	.01560	.00113	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00082	-.00017	.00000	.00013	-.00486	-.00003	-.00070
Stddev	.00005	.01366	.00008	.00025	.00040	.00947	.00008	.00015
%RSD	256.42	1660.2	46.075	11290.	310.01	194.99	256.81	22.166
#1	-.00005	-.01048	-.00022	-.00017	-.00015	.00184	-.00008	-.00080
#2	.00001	.00884	-.00011	.00018	.00041	-.01155	.00002	-.00059
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00023	-.07817	-.00004	-.00043	-.05748	-.00011	.00440
Stddev	.00016	.00014	.00476	.00012	.00003	.00010	.00001	.00318
%RSD	486.93	59.703	6.0869	333.74	6.7908	.17466	9.2009	72.200
#1	-.00008	.00032	-.07480	.00005	-.00041	-.05741	-.00010	.00665
#2	.00015	.00013	-.08153	-.00013	-.00045	-.05756	-.00012	.00215
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	.00257	.00038	.00192	-.00212	.0006	.00022	F .82993
Stddev	.00033	.00145	.00003	.00037	.00090	.0002	.00002	.22076
%RSD	23.654	56.609	8.2494	19.320	42.223	34.09	8.0465	26.599
#1	-.00115	.00359	.00036	.00218	-.00275	.0005	.00024	.98603
#2	-.00161	.00154	.00041	.00166	-.00149	.0008	.00021	.67383

Sample Name: ICB01 Acquired: 11/16/2018 12:36:09 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .66253
Stddev	.28909
%RSD	43.634

#1	.45811
#2	.86695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.6	60156.	3416.5	112.13	3880.4
Stddev	26.1	60.	131.0	4.83	21.9
%RSD	.73146	.10010	3.8349	4.3098	.56335

#1	3545.2	60199.	3323.9	108.71	3865.0
#2	3582.1	60114.	3509.2	115.54	3895.9

Sample Name: CRI01 Acquired: 11/16/2018 12:40:14 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02013	.04652	.01296	.02171	.05900	.10920	.11511	.00657
Stddev	.00027	.00059	.00041	.00174	.00111	.00819	.00107	.00004
%RSD	1.3526	1.2768	3.1528	8.0383	1.8829	7.5008	.93063	.62018
#1	.01994	.04694	.01267	.02294	.05979	.11499	.11587	.00654
#2	.02032	.04610	.01325	.02047	.05821	.10341	.11435	.00660
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.2828	.01043	.03401	.02282	.09738	.02400	2.2733
Stddev	.00019	.0196	.00036	.00011	.00038	.00808	.00023	.0176
%RSD	3.2163	.85688	3.4058	.31496	1.6443	8.2947	.95188	.77616
#1	.00588	2.2966	.01018	.03408	.02309	.10309	.02384	2.2609
#2	.00616	2.2690	.01068	.03393	.02256	.09167	.02416	2.2858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04400	.01082	2.1140	.04724	.04811	2.0378	.21325	.10919
Stddev	.00021	.00026	.0165	.00027	.00050	.0666	.00112	.00336
%RSD	.47403	2.3781	.78255	.57053	1.0461	3.2676	.52653	3.0732
#1	.04415	.01064	2.1257	.04705	.04847	2.0849	.21404	.11156
#2	.04385	.01100	2.1023	.04743	.04776	1.9907	.21246	.10682
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01510	.43637	.04233	.04703	.02052	.0207	.02162	F 1.0490
Stddev	.00125	.00543	.00009	.00007	.00058	.0001	.00023	.4065
%RSD	8.2514	1.2451	.21443	.15343	2.8359	.2515	1.0575	38.751
#1	.01598	.44021	.04227	.04698	.02093	.0207	.02179	.76157
#2	.01422	.43253	.04240	.04708	.02011	.0207	.02146	1.3365

Sample Name: CRI01 Acquired: 11/16/2018 12:40:14 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .59255
Stddev	.38723
%RSD	65.350

#1	.86636
#2	.31874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.8	60030.	3313.2	107.52	3844.5
Stddev	10.2	508.	42.3	1.39	26.6
%RSD	.28557	.84544	1.2761	1.2959	.69211

#1	3552.6	60389.	3283.3	106.53	3825.7
#2	3567.0	59671.	3343.1	108.50	3863.4

Sample Name: ICSA01 Acquired: 11/16/2018 12:44:17 Type: Unk
 Method: P4-ICP2(v2589) 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	.00494	-.00021	-.00292	.00238	.00218	293.14	.00654	.00081
Stddev	.00387	.00008	.00114	.00702	.00028	1.95	.00080	.00006
%RSD	78.277	36.860	39.052	294.62	12.901	.66588	12.231	7.2936
#1	.00221	-.00015	-.00373	.00735	.00238	291.76	.00710	.00085
#2	.00767	-.00026	-.00211	-.00258	.00198	294.52	.00597	.00076
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00270	264.85	.05744	-.00151	.00551	103.09	.01347	267.82
Stddev	.00002	1.46	.00063	.00015	.00031	.87	.00000	1.29
%RSD	.62192	.54970	1.1017	9.7939	5.5647	.84696	.01167	.48250
#1	-.00271	263.82	.05699	-.00140	.00572	102.47	.01347	266.91
#2	-.00269	265.87	.05789	-.00161	.00529	103.71	.01347	268.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00758	.00988	-.01932	.00033	.00083	-.05511	.00032	-.01366
Stddev	.00007	.00068	.00675	.00017	.00009	.03166	.00018	.00856
%RSD	.94398	6.9328	34.934	50.884	10.974	57.447	55.755	62.681
#1	-.00753	.01036	-.01455	.00044	.00089	-.07750	.00044	-.00761
#2	-.00763	.00939	-.02409	.00021	.00076	-.03272	.00019	-.01971
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00694	-.00237	.00670	-.00327	.00036	.0022	-.00567	F 3.0814
Stddev	.00379	.00151	.00070	.00076	.00216	.0004	.00114	.0375
%RSD	54.561	63.703	10.445	23.254	604.60	18.90	20.178	1.2158
#1	.00962	-.00130	.00719	-.00380	.00188	.0019	-.00486	3.1079
#2	.00426	-.00344	.00620	-.00273	-.00117	.0025	-.00647	3.0550

Sample Name: ICSA01 Acquired: 11/16/2018 12:44:17 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 23.986
Stddev	.928
%RSD	3.8698

#1	24.642
#2	23.330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3178.4	52614.	3209.5	98.278	3045.8
Stddev	3.7	119.	7.0	.447	2.6
%RSD	.11496	.22546	.21760	.45477	.08673

#1	3175.8	52698.	3204.5	98.594	3047.7
#2	3181.0	52531.	3214.4	97.962	3044.0

Sample Name: ICSAB01 Acquired: 11/16/2018 12:48:24 Type: Unk
Method: P4-ICP2(v2589) 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	.11891	.11231	.05396	.05666	.66251	294.44	.55937	.57529
Stddev	.00178	.00130	.00223	.00208	.00284	.24	.00587	.00393
%RSD	1.5004	1.1588	4.1357	3.6693	.42854	.08082	1.0494	.68234

#1	.12017	.11323	.05238	.05519	.66452	294.27	.56353	.57806
#2	.11765	.11139	.05553	.05813	.66050	294.61	.55522	.57251

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0452	267.00	.59356	.52149	.53008	101.25	.56185	266.82
Stddev	.0082	4.03	.00207	.00269	.00255	2.12	.00182	2.30
%RSD	.78346	1.5077	.34806	.51522	.48063	2.0981	.32421	.86262

#1	1.0510	269.84	.59502	.52339	.53188	102.75	.56314	268.45
#2	1.0394	264.15	.59210	.51959	.52828	99.751	.56056	265.19

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0263	.23466	.00029	.54221	1.0635	-.02295	F 1.0959	F 1.0975
Stddev	.0068	.00067	.00731	.00300	.0337	.00264	.0053	.0170
%RSD	.66310	.28729	2486.5	.55389	3.1662	11.489	.48633	1.5467

#1	1.0311	.23419	.00547	.54433	1.0873	-.02108	1.0996	1.1095
#2	1.0215	.23514	-.00488	.54009	1.0397	-.02481	1.0921	1.0855

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00980	F 1.0093	F 1.0993	F 1.1037	.00630	F .0020	F .00040	F 4.0371
Stddev	.00162	.0178	.0039	.0007	.00051	.0014	.00291	.1826
%RSD	16.542	1.7679	.35344	.06633	8.0896	73.50	726.40	4.5230

#1	.00866	1.0219	1.1021	1.1042	.00594	.0009	-.00165	4.1662
#2	.01095	.99666	1.0966	1.1032	.00666	.0030	.00245	3.9080

Sample Name: ICSAB01 Acquired: 11/16/2018 12:48:24 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 24.748
Stddev .570
%RSD 2.3036

#1 24.345
#2 25.151

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.7	53051.	3237.5	100.60	3020.4
Stddev	24.4	31.	47.0	3.22	27.5
%RSD	.77202	.05863	1.4532	3.1972	.90918

#1	3145.5	53029.	3204.2	98.328	3000.9
#2	3180.0	53073.	3270.8	102.88	3039.8

Sample Name: CCV01 Acquired: 11/16/2018 12:52:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9147	5.0533	5.0011	5.0443	5.1407	F 10.632	10.314	.25862
Stddev	.0031	.0159	.0134	.0043	.0045	.113	.054	.00058
%RSD	.06302	.31457	.26849	.08516	.08665	1.0631	.52820	.22381
#1	4.9169	5.0645	5.0106	5.0412	5.1439	10.712	10.275	.25903
#2	4.9125	5.0420	4.9916	5.0473	5.1376	10.552	10.352	.25821
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5058	F 26.594	1.0259	2.4832	1.2734	5.0030	2.6128	25.378
Stddev	.0055	.208	.0029	.0052	.0030	.0555	.0037	.248
%RSD	.22030	.78152	.28752	.20746	.23800	1.1100	.14253	.97633
#1	2.5097	26.447	1.0280	2.4869	1.2713	5.0423	2.6155	25.203
#2	2.5019	26.741	1.0238	2.4796	1.2756	4.9637	2.6102	25.553
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4960	1.2540	25.347	2.5655	2.5425	25.291	5.0156	5.1448
Stddev	.0036	.0060	.183	.0053	.0213	.068	.0050	.0629
%RSD	.14218	.48252	.72218	.20805	.83756	.26739	.09901	1.2222
#1	2.4985	1.2583	25.218	2.5693	2.5575	25.243	5.0121	5.1003
#2	2.4935	1.2497	25.476	2.5617	2.5274	25.339	5.0191	5.1892
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8852	5.0906	4.8869	5.0518	5.1556	4.928	5.1059	F 3.4648
Stddev	.0139	.0709	.0169	.0043	.0311	.022	.0311	.0024
%RSD	.28369	1.3923	.34635	.08443	.60330	.4570	.60844	.06932
#1	4.8950	5.0405	4.8988	5.0548	5.1336	4.944	5.0839	3.4631
#2	4.8754	5.1407	4.8749	5.0487	5.1775	4.912	5.1278	3.4665

Sample Name: CCV01 Acquired: 11/16/2018 12:52:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.1514
Stddev .0151
%RSD .47806

#1 3.1407
#2 3.1620

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3407.8	56724.	3271.0	105.46	3375.0
Stddev	7.0	263.	24.3	1.02	14.2
%RSD	.20639	.46393	.74419	.96702	.41967

#1	3402.8	56538.	3288.2	104.74	3365.0
#2	3412.7	56910.	3253.7	106.18	3385.0

Sample Name: LLCCV01 Acquired: 11/16/2018 13:00:11 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02046	.04583	.01279	.01959	.05809	.11889	.11345	.00657
Stddev	.00192	.00104	.00078	.00334	.00041	.00398	.00040	.00016
%RSD	9.3745	2.2750	6.0605	17.043	.70666	3.3499	.35681	2.4550
#1	.01911	.04656	.01334	.01723	.05780	.12170	.11374	.00645
#2	.02182	.04509	.01225	.02195	.05838	.11607	.11316	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	2.3011	.01017	.03258	.02241	.10066	.02399	2.2637
Stddev	.00003	.0226	.00042	.00003	.00025	.00528	.00014	.0032
%RSD	.54817	.98197	4.1337	.10547	1.1186	5.2444	.59610	.14262
#1	.00581	2.2852	.00987	.03256	.02223	.10439	.02409	2.2614
#2	.00576	2.3171	.01047	.03261	.02259	.09693	.02389	2.2660
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04312	.01102	2.1049	.04686	.04695	2.0662	.20821	.10903
Stddev	.00034	.00038	.0103	.00037	.00007	.0126	.00068	.00169
%RSD	.79953	3.4024	.48715	.79168	.15709	.61030	.32556	1.5519
#1	.04336	.01129	2.0977	.04660	.04690	2.0573	.20868	.11023
#2	.04288	.01076	2.1122	.04712	.04700	2.0751	.20773	.10784
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01852	.43442	.04079	.04650	.01608	.0196	.02159	F 2.2685
Stddev	.00215	.00364	.00077	.00016	.00111	.0006	.00018	.5944
%RSD	11.593	.83839	1.8845	.35332	6.9188	2.948	.84074	26.204
#1	.02004	.43699	.04025	.04662	.01529	.0192	.02172	2.6888
#2	.01701	.43184	.04134	.04638	.01686	.0200	.02146	1.8482

Sample Name: LLCCV01 Acquired: 11/16/2018 13:00:11 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1559
Stddev .1107
%RSD 9.5802

#1 1.2342
#2 1.0776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.4	59308.	3319.7	109.57	3916.6
Stddev	18.1	240.	5.0	.16	21.7
%RSD	.50183	.40383	.15017	.14961	.55359

#1	3588.6	59139.	3316.2	109.68	3901.2
#2	3614.2	59478.	3323.2	109.45	3931.9

Sample Name: CCB01 Acquired: 11/16/2018 13:03:50 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00088	-.00071	-.00243	-.00063	.00886	.00211	.00004
Stddev	.00066	.00010	.00017	.00148	.00062	.00565	.00018	.00000
%RSD	58.978	11.735	23.819	60.914	97.929	63.797	8.6173	9.1552
#1	.00158	.00081	-.00059	-.00138	-.00019	.00486	.00224	.00004
#2	.00065	.00095	-.00083	-.00348	-.00106	.01286	.00198	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00684	-.00072	-.00002	.00004	-.00279	-.00001	-.00656
Stddev	.00006	.00524	.00036	.00007	.00093	.00163	.00004	.01040
%RSD	61.635	76.563	49.251	480.46	2082.3	58.480	292.92	158.51
#1	-.00014	.01055	-.00047	.00004	-.00061	-.00163	-.00004	.00079
#2	-.00005	.00314	-.00098	-.00007	.00070	-.00394	.00002	-.01391
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00020	-.09062	.00025	-.00067	-.09166	.00015	.00159
Stddev	.00061	.00037	.00510	.00022	.00002	.00023	.00026	.00392
%RSD	342.91	185.88	5.6296	86.167	3.4714	.24641	172.79	245.53
#1	-.00025	-.00006	-.08701	.00041	-.00065	-.09182	-.00003	.00436
#2	.00061	.00046	-.09423	.00010	-.00068	-.09150	.00033	-.00117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	.00276	.00031	-.00022	-.00234	.0012	-.00002	F 2.5086
Stddev	.00031	.00210	.00001	.00052	.00083	.0016	.00004	.0279
%RSD	25.784	76.160	3.4219	233.17	35.608	133.1	160.19	1.1135
#1	-.00143	.00127	.00031	-.00059	-.00175	.0024	.00000	2.5284
#2	-.00099	.00424	.00030	.00014	-.00293	.0001	-.00005	2.4889

Sample Name: CCB01 Acquired: 11/16/2018 13:03:50 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .94805
Stddev	.26495
%RSD	27.947

#1	1.1354
#2	.76070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.2	58610.	3274.8	106.93	3880.9
Stddev	22.3	210.	9.7	1.00	29.1
%RSD	.63012	.35827	.29654	.93931	.75020

#1	3527.4	58462.	3267.9	107.64	3860.3
#2	3559.0	58759.	3281.7	106.22	3901.5

Sample Name: J5942-09 Acquired: 11/16/2018 13:07:56 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02915	-.00101	-.00987	.05816	-.00271	40.492	.26919	.00428
Stddev	.00054	.00358	.00037	.00095	.00085	.294	.00030	.00004
%RSD	1.8582	356.36	3.7508	1.6257	31.365	.72707	.11051	.90569

#1	.02953	.00153	-.01013	.05883	-.00211	40.700	.26940	.00430
#2	.02876	-.00354	-.00961	.05749	-.00331	40.284	.26898	.00425

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00879	76.152	.06672	.11362	-.09466	294.55	1.3758	30.029
Stddev	.00010	.262	.00027	.00024	.00216	3.25	.0002	.212
%RSD	1.1046	.34455	.40446	.20916	2.2832	1.1044	.01531	.70623

#1	-.00885	75.966	.06691	.11379	-.09619	296.85	1.3757	29.879
#2	-.00872	76.337	.06653	.11345	-.09314	292.25	1.3760	30.179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14297	.03304	1.5033	.11907	.32514	18.455	.00296	.24877
Stddev	.00013	.00025	.0060	.00034	.00317	.040	.00003	.00160
%RSD	.08926	.76271	.39713	.28310	.97517	.21522	1.0329	.64139

#1	.14288	.03322	1.4991	.11931	.32738	18.483	.00294	.24990
#2	.14306	.03286	1.5075	.11883	.32289	18.427	.00299	.24764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1349	3.4343	.01971	2.5523	.07415	F 54.41	-.26075	<.00000
Stddev	.0032	.0070	.00063	.0011	.00016	.18	.00349	.09575
%RSD	.27881	.20399	3.1998	.04459	.22086	.3358	1.3399	.35499

#1	1.1371	3.4294	.02015	2.5515	.07403	54.54	-.26322	-27.040
#2	1.1326	3.4393	.01926	2.5531	.07426	54.28	-.25828	-26.904

Sample Name: J5942-09 Acquired: 11/16/2018 13:07:56 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.924
 Stddev .137
 %RSD .26959

#1 50.827
 #2 51.022

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7520.6	125820.	7432.5	101.46	3181.1
Stddev	22.6	325.	44.3	.98	10.2
%RSD	.30076	.25857	.59653	.96763	.31999

#1	7504.6	125590.	7463.8	100.76	3174.0
#2	7536.6	126050.	7401.1	102.15	3188.3

Sample Name: LR CHECK2 Acquired: 11/16/2018 13:13:21 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	-.01138	263.27	.02020	-.03039	-.29866	100.06	-.00160
Stddev	.00188	.00121	.13	.00006	.00135	.00189	1.14	.00009
%RSD	125.04	10.674	.05001	.28850	4.4357	.63364	1.1398	5.8087

#1	-.00284	-.01224	263.17	.02016	-.03134	-.29732	99.252	-.00167
#2	-.00017	-.01052	263.36	.02024	-.02943	-.30000	100.86	-.00154

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00693	.22966	-.14456	-.00406	255.15	-.87142	44.594	-.06224
Stddev	.00004	.00581	.00024	.00017	.73	.00518	.213	.04917
%RSD	.64311	2.5298	.16555	4.2863	.28630	.59462	.47751	79.007

#1	-.00696	.23377	-.14473	-.00418	255.67	-.87509	44.745	-.09701
#2	-.00690	.22555	-.14439	-.00393	254.63	-.86776	44.444	-.02747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.824	.00414	.20406	.00031	37.677	.15055	-.00355	-.00862
Stddev	.116	.00028	.01385	.00053	.084	.01424	.00033	.00456
%RSD	.22916	6.7066	6.7849	172.09	.22333	9.4607	9.3698	52.925

#1	50.906	.00395	.19427	.00068	37.617	.16062	-.00331	-.01184
#2	50.741	.00434	.21385	-.00007	37.736	.14048	-.00378	-.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07881	-.00960	.00254	.00893	-.00322	-2.853	.00319	1.8344
Stddev	.00377	.00237	.00051	.00240	.00013	.007	.00019	.0491
%RSD	4.7853	24.683	19.888	26.924	4.1260	.2449	5.7993	2.6737

#1	.07614	-.00792	.00290	.01063	-.00313	-2.858	.00333	1.7997
#2	.08148	-.01128	.00219	.00723	-.00332	-2.848	.00306	1.8691

Sample Name: LR CHECK2 Acquired: 11/16/2018 13:13:21 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0540
 Stddev .2243
 %RSD 21.282

#1 .89542
 #2 1.2127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.1	58415.	3323.4	106.12	3429.8
Stddev	15.1	344.	13.8	.08	16.5
%RSD	.44069	.58910	.41667	.07572	.48117

#1	3412.4	58172.	3333.2	106.06	3418.1
#2	3433.8	58658.	3313.6	106.18	3441.5

Sample Name: J5942-09DUP Acquired: 11/16/2018 13:22:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02990	-.00067	-.00030	.05484	-.00378	40.631	.26643	.00428
Stddev	.00046	.00005	.00089	.00080	.00052	.278	.00099	.00003
%RSD	1.5396	6.8807	297.70	1.4668	13.724	.68539	.37171	.63001
#1	.02957	-.00063	-.00092	.05427	-.00415	40.434	.26713	.00430
#2	.03022	-.00070	.00033	.05540	-.00341	40.828	.26573	.00426
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00830	75.058	.06602	.11284	-.08998	289.01	1.3619	29.654
Stddev	.00007	.060	.00093	.00020	.00057	.66	.0024	.024
%RSD	.85560	.08020	1.4125	.17327	.62813	.22807	.17271	.07959
#1	-.00825	75.016	.06536	.11271	-.09038	288.55	1.3602	29.670
#2	-.00835	75.101	.06668	.11298	-.08959	289.48	1.3635	29.637
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14287	.03242	2.6727	.11887	.31565	18.579	.00283	.24058
Stddev	.00083	.00004	.2122	.00083	.00150	.124	.00007	.00008
%RSD	.58323	.11483	7.9388	.69592	.47417	.66944	2.5266	.03124
#1	.14228	.03239	2.8227	.11828	.31671	18.667	.00278	.24064
#2	.14346	.03244	2.5227	.11945	.31460	18.491	.00288	.24053
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1360	3.3394	.02008	2.5444	.07967	F 54.43	-.25370	<.00000
Stddev	.0036	.0157	.00052	.0040	.00056	.11	.00083	.33989
%RSD	.31360	.47100	2.5780	.15584	.69962	.2001	.32834	1.1414
#1	1.1334	3.3505	.01971	2.5416	.08006	54.36	-.25311	-29.539
#2	1.1385	3.3282	.02044	2.5472	.07927	54.51	-.25428	-30.020

Sample Name: J5942-09DUP Acquired: 11/16/2018 13:22:16 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F2DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.647
Stddev	.901
%RSD	1.6800

#1	54.285
#2	53.010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7589.0	129050.	7745.3	106.32	3230.1
Stddev	7.0	66.	67.3	.45	4.1
%RSD	.09246	.05140	.86859	.42471	.12675

#1	7584.1	129000.	7697.7	106.00	3233.0
#2	7594.0	129100.	7792.8	106.64	3227.2

Sample Name: J5942-09LX5 Acquired: 11/16/2018 13:26:10 Type: Unk
Method: P4-ICP2(v2589) 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	.01774	.01671	.01283	.01984	-.00154	14.391	.10109	.00305
Stddev	.00115	.00039	.00065	.00033	.00192	.042	.00080	.00002
%RSD	6.4595	2.3464	5.0954	1.6681	125.07	.29119	.79488	.54821

#1	.01693	.01643	.01236	.01960	-.00018	14.420	.10165	.00307
#2	.01855	.01699	.01329	.02007	-.00290	14.361	.10052	.00304

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	29.030	.02865	.02388	.01011	59.380	.52593	11.391
Stddev	.00011	.245	.00052	.00034	.00092	.835	.00305	.202
%RSD	18.615	.84508	1.8301	1.4082	9.0656	1.4070	.58046	1.7728

#1	-.00051	29.203	.02902	.02412	.01076	58.790	.52809	11.534
#2	-.00067	28.856	.02828	.02364	.00947	59.971	.52377	11.248

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03259	.00626	1.0947	.04621	.06583	7.1551	.00344	.02070
Stddev	.00044	.00014	.0288	.00067	.00045	.0452	.00021	.00698
%RSD	1.3452	2.1644	2.6287	1.4531	.67967	.63161	6.0852	33.703

#1	.03290	.00616	1.1150	.04668	.06551	7.1871	.00329	.01577
#2	.03228	.00635	1.0743	.04573	.06615	7.1232	.00359	.02564

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21512	.73952	.00977	.94899	.03522	F 11.34	-.04017	<.00000
Stddev	.00180	.02215	.00022	.00151	.00105	.07	.00129	.50821
%RSD	.83748	2.9958	2.2174	.15909	2.9871	.6394	3.2209	12.208

#1	.21385	.75518	.00961	.95006	.03447	11.39	-.03925	-3.8037
#2	.21640	.72385	.00992	.94792	.03596	11.29	-.04108	-4.5224

Sample Name: J5942-09LX5 Acquired: 11/16/2018 13:26:10 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.750
Stddev	.844
%RSD	5.3559

#1	16.346
#2	15.153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4469.5	76106.	4352.7	113.25	3672.0
Stddev	17.1	352.	38.0	1.01	24.1
%RSD	.38182	.46313	.87225	.89369	.65672

#1	4457.5	75857.	4325.8	113.97	3655.0
#2	4481.6	76355.	4379.5	112.54	3689.1

Sample Name: J5942-09MS Acquired: 11/16/2018 13:30:06 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39094	2.0356	1.0203	.97711	.40821	40.846	.36259	.10140
Stddev	.00023	.0001	.0064	.00390	.00070	.277	.00512	.00027
%RSD	.05978	.00708	.62850	.39864	.17116	.67884	1.4110	.26333

#1	.39111	2.0355	1.0249	.97987	.40771	40.650	.35898	.10159
#2	.39078	2.0357	1.0158	.97436	.40870	41.042	.36621	.10121

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19914	75.899	.25517	.32215	.04389	291.85	1.4434	30.553
Stddev	.00058	.724	.00150	.00074	.00355	3.93	.0068	.521
%RSD	.28998	.95412	.58630	.22894	8.0815	1.3455	.46834	1.7047

#1	.19955	75.387	.25623	.32267	.04640	289.07	1.4482	30.185
#2	.19873	76.411	.25411	.32163	.04138	294.62	1.4386	30.922

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66503	.06648	2.8143	.26272	.49021	23.163	.20241	.38689
Stddev	.00313	.00046	.0288	.00318	.00229	.226	.00022	.00555
%RSD	.47034	.69110	1.0221	1.2102	.46620	.97578	.10646	1.4340

#1	.66724	.06616	2.7940	.26497	.48859	23.003	.20225	.38296
#2	.66282	.06681	2.8347	.26047	.49183	23.322	.20256	.39081

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0963	2.1146	.76572	2.6350	.17563	F 59.11	-.16254	<.00000
Stddev	.0010	.0152	.00438	.0396	.00248	.19	.00217	1.3017
%RSD	.09570	.71687	.57241	1.5049	1.4114	.3284	1.3359	4.3967

#1	1.0970	2.1039	.76882	2.6069	.17388	59.25	-.16101	-28.687
#2	1.0955	2.1253	.76262	2.6630	.17739	58.98	-.16408	-30.528

Sample Name: J5942-09MS Acquired: 11/16/2018 13:30:06 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VW-F2MS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 50.021
 Stddev .864
 %RSD 1.7265

#1 50.632
 #2 49.411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7516.4	127900.	7645.6	104.94	3232.1
Stddev	8.7	511.	24.1	.52	10.0
%RSD	.11588	.39940	.31552	.49173	.30983

#1	7510.3	127540.	7662.6	105.30	3225.0
#2	7522.6	128260.	7628.5	104.57	3239.2

Sample Name: J5942-09MSD Acquired: 11/16/2018 13:33:50 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38955	2.0502	1.0351	.98159	.41038	40.950	.36201	.10178
Stddev	.00295	.0190	.0145	.00760	.00336	.028	.00034	.00028
%RSD	.75827	.92598	1.4003	.77436	.81790	.06870	.09501	.27214

#1	.38746	2.0368	1.0248	.97621	.40801	40.930	.36176	.10198
#2	.39163	2.0636	1.0453	.98696	.41276	40.970	.36225	.10159

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20282	75.838	.25752	.32530	.05018	284.52	1.4477	30.529
Stddev	.00259	.347	.00007	.00310	.00561	3.22	.0001	.185
%RSD	1.2751	.45787	.02557	.95179	11.185	1.1305	.01041	.60629

#1	.20099	75.593	.25747	.32311	.04621	286.79	1.4478	30.398
#2	.20465	76.084	.25756	.32749	.05415	282.24	1.4476	30.660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67233	.06561	2.7888	.26297	.48369	23.064	.20309	.37359
Stddev	.00645	.00082	.0029	.00054	.00924	.026	.00157	.00673
%RSD	.96008	1.2569	.10240	.20517	1.9096	.11070	.77289	1.8027

#1	.66776	.06619	2.7908	.26259	.49022	23.046	.20198	.37836
#2	.67689	.06503	2.7868	.26336	.47716	23.082	.20420	.36883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0926	2.1146	.77529	2.6377	.17680	F 59.74	-.15431	<.00000
Stddev	.0133	.0129	.00695	.0072	.00128	.42	.00304	.27234
%RSD	1.2140	.60991	.89661	.27436	.72195	.7077	1.9684	1.0027

#1	1.0832	2.1054	.77037	2.6326	.17770	59.44	-.15646	-26.969
#2	1.1020	2.1237	.78020	2.6428	.17590	60.04	-.15217	-27.354

Sample Name: J5942-09MSD Acquired: 11/16/2018 13:33:50 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VW-F2MSD Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 48.387
Stddev .877
%RSD 1.8128

#1 47.767
#2 49.007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7523.6	127430.	7613.2	106.92	3206.9
Stddev	32.1	200.	5.3	1.99	24.7
%RSD	.42663	.15688	.06934	1.8650	.77158

#1	7546.3	127280.	7609.4	105.51	3224.4
#2	7500.9	127570.	7616.9	108.33	3189.4

Sample Name: J5942-09A Acquired: 11/16/2018 13:37:36 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7698 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38860	2.0589	1.0321	.98044	.40849	40.866	.36114	.10135
Stddev	.00094	.0036	.0034	.00549	.00137	.536	.00246	.00137
%RSD	.24257	.17658	.32859	.56025	.33647	1.3124	.68132	1.3548

#1	.38793	2.0615	1.0345	.97655	.40752	40.486	.36288	.10038
#2	.38926	2.0564	1.0297	.98432	.40946	41.245	.35940	.10233

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20263	75.615	.25578	.32486	.04756	286.95	1.4425	30.455
Stddev	.00070	.211	.00340	.00100	.00114	2.70	.0173	.018
%RSD	.34394	.27936	1.3307	.30821	2.4025	.94139	1.1987	.05830

#1	.20312	75.765	.25338	.32556	.04837	285.04	1.4303	30.467
#2	.20213	75.466	.25819	.32415	.04675	288.86	1.4547	30.442

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67284	.06627	2.7616	.26166	.48644	22.962	.20204	.38069
Stddev	.00016	.00075	.0322	.00380	.00348	.113	.00036	.00453
%RSD	.02330	1.1375	1.1649	1.4520	.71466	.49081	.17715	1.1893

#1	.67273	.06574	2.7843	.25898	.48398	23.041	.20179	.37749
#2	.67295	.06681	2.7388	.26435	.48889	22.882	.20230	.38389

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0935	2.1019	.76796	2.6324	.17401	F 59.51	-.15745	<.00000
Stddev	.0002	.0292	.00511	.0029	.00041	.22	.00385	.90766
%RSD	.01427	1.3892	.66569	.11100	.23792	.3661	2.4469	3.0688

#1	1.0936	2.1225	.77157	2.6344	.17431	59.66	-.15472	-30.219
#2	1.0934	2.0812	.76434	2.6303	.17372	59.35	-.16017	-28.935

Sample Name: J5942-09A Acquired: 11/16/2018 13:37:36 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7698 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	47.895
Stddev	.476
%RSD	.99459

#1	47.558
#2	48.232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7530.0	127580.	7631.5	106.09	3216.9
Stddev	4.7	1000.	63.9	.60	17.0
%RSD	.06213	.78387	.83721	.56424	.52753

#1	7526.7	128290.	7586.3	106.51	3204.9
#2	7533.3	126870.	7676.6	105.66	3228.9

Sample Name: LR CHECK1 Acquired: 11/16/2018 13:41:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	-.00852	-.16176	-.05696	.05094	2027.2	.00460	.00748
Stddev	.00099	.00226	.00292	.00605	.00284	19.5	.00024	.00049
%RSD	16.977	26.506	1.8071	10.624	5.5823	.96293	5.2039	6.5482

#1	.00655	-.01012	-.15969	-.06123	.04893	2041.0	.00443	.00783
#2	.00514	-.00692	-.16382	-.05268	.05295	2013.4	.00477	.00714

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01389	1939.9	.13619	.03944	-.49187	858.28	.01661	1862.5
Stddev	.00087	22.7	.00116	.00002	.00900	12.92	.00054	9.4
%RSD	6.2821	1.1702	.84934	.06026	1.8297	1.5059	3.2291	.50576

#1	.01327	1956.0	.13537	.03942	-.49823	867.42	.01623	1869.1
#2	.01450	1923.9	.13700	.03945	-.48551	849.14	.01699	1855.8

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12556	.07966	1817.3	.00305	.10716	929.12	.01578	-.23986
Stddev	.00239	.00223	89.9	.00020	.00095	14.54	.00229	.02197
%RSD	1.9009	2.7962	4.9482	6.6736	.88813	1.5653	14.517	9.1610

#1	.12725	.08124	1880.9	.00290	.10783	939.41	.01741	-.22432
#2	.12387	.07809	1753.8	.00319	.10649	918.84	.01416	-.25540

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47020	.01048	.05093	-.07822	.04574	.0640	-.92621	<.00000
Stddev	.01131	.00279	.00078	.00233	.00296	.0035	.01429	.07311
%RSD	2.4050	26.574	1.5371	2.9805	6.4669	5.402	1.5425	3.3412

#1	.47820	.01245	.05149	-.07987	.04365	.0615	-.93631	-2.2398
#2	.46221	.00851	.05038	-.07657	.04783	.0664	-.91610	-2.1364

Sample Name: LR CHECK1 Acquired: 11/16/2018 13:41:22 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 72.345
 Stddev 1.415
 %RSD 1.9557

#1 73.346
 #2 71.345

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.4	40622.	2949.9	83.211	1906.8
Stddev	22.0	170.	13.3	1.313	17.3
%RSD	.89046	.41830	.45116	1.5783	.90992

#1	2449.9	40502.	2940.5	82.283	1894.5
#2	2481.0	40742.	2959.3	84.140	1919.0

Sample Name: J5939-01 Acquired: 11/16/2018 14:08:37 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34895	.01809	.90394	.02952	-.01066	231.56	1.4837	.01879
Stddev	.00025	.00211	.00005	.00055	.00012	3.10	.0018	.00045
%RSD	.07192	11.648	.00550	1.8580	1.0982	1.3407	.12280	2.4194
#1	.34877	.01958	.90398	.02991	-.01058	233.76	1.4850	.01911
#2	.34912	.01660	.90391	.02914	-.01074	229.37	1.4824	.01847
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	106.70	F 4.8683	.29423	.72731	338.11	2.9157	137.24
Stddev	.00054	.21	.1114	.00077	.00038	3.67	.0553	.10
%RSD	36.687	.19422	2.2888	.26112	.05178	1.0867	1.8956	.07295
#1	-.00109	106.55	4.9470	.29477	.72758	335.51	2.9548	137.31
#2	-.00185	106.85	4.7895	.29369	.72705	340.70	2.8766	137.17
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89887	.04175	30.747	2.3940	1.5938	15.501	.02692	.53376
Stddev	.00095	.00045	.095	.0510	.0101	.059	.00000	.01610
%RSD	.10614	1.0753	.31022	2.1287	.63497	.37926	.01248	3.0169
#1	.89955	.04144	30.815	2.4300	1.5867	15.542	.02692	.52237
#2	.89820	.04207	30.680	2.3579	1.6010	15.459	.02691	.54514
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8129	F 90.493	.13528	F 11.004	.21809	5.750	.88984	<.00000
Stddev	.0241	.070	.00143	.017	.00165	.006	.00709	.20625
%RSD	.27334	.07710	1.0590	.15106	.75430	.1000	.79659	1.6781
#1	8.7958	90.443	.13630	11.015	.21693	5.754	.89486	-12.437
#2	8.8299	90.542	.13427	10.992	.21926	5.746	.88483	-12.145

Sample Name: J5939-01 Acquired: 11/16/2018 14:08:37 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.075
Stddev	.018
%RSD	.03547

#1	51.088
#2	51.062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3832.0	63168.	3943.3	102.61	3041.0
Stddev	15.2	1217.	20.7	.59	22.5
%RSD	.39543	1.9262	.52417	.57337	.73938

#1	3821.3	62308.	3928.7	103.03	3025.1
#2	3842.7	64028.	3957.9	102.20	3056.9

Sample Name: J5939-01DUP Acquired: 11/16/2018 14:12:32 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35147	.01842	.90044	.03343	-.01096	230.80	1.4863	.01880
Stddev	.00177	.00043	.00496	.00000	.00080	.58	.0164	.00024
%RSD	.50348	2.3526	.55055	.00287	7.3085	.25233	1.1054	1.2900
#1	.35272	.01872	.89694	.03342	-.01039	230.39	1.4979	.01863
#2	.35022	.01811	.90395	.03343	-.01153	231.22	1.4747	.01897
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	105.81	F 4.8812	.29403	.72553	339.37	2.9108	137.13
Stddev	.00006	1.28	.0385	.00052	.00080	1.46	.0245	1.20
%RSD	3.8373	1.2144	.78837	.17545	.11086	.43091	.84144	.87757
#1	-.00151	106.71	4.8540	.29366	.72496	340.40	2.8935	137.98
#2	-.00159	104.90	4.9084	.29439	.72610	338.33	2.9281	136.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90040	.04297	31.081	2.3917	1.5916	15.192	.02695	.52587
Stddev	.00317	.00043	.322	.0280	.0059	.119	.00026	.00414
%RSD	.35210	1.0062	1.0350	1.1723	.37149	.78466	.95886	.78639
#1	.89816	.04327	31.309	2.3719	1.5958	15.276	.02713	.52880
#2	.90264	.04266	30.854	2.4115	1.5874	15.107	.02677	.52295
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8031	F 89.678	.13470	F 11.065	.21560	5.742	.89093	<.00000
Stddev	.0085	.425	.00054	.065	.00062	.012	.01117	.89906
%RSD	.09667	.47447	.40013	.59013	.28549	.2102	1.2540	6.6997
#1	8.8091	89.979	.13508	11.112	.21603	5.733	.89883	-12.784
#2	8.7970	89.377	.13432	11.019	.21516	5.750	.88303	-14.055

Sample Name: J5939-01DUP Acquired: 11/16/2018 14:12:32 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	50.417
Stddev	1.263
%RSD	2.5045

#1	49.524
#2	51.310

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3851.0	63670.	3976.4	103.23	3048.7
Stddev	11.0	218.	38.4	.59	9.0
%RSD	.28465	.34308	.96679	.57238	.29579

#1	3843.3	63824.	3949.2	102.81	3042.3
#2	3858.8	63515.	4003.5	103.64	3055.1

Sample Name: CCV02 Acquired: 11/16/2018 14:16:27 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7724	4.9898	4.9589	5.0161	5.1866	10.889	10.230	.26049
Stddev	.0304	.0304	.0276	.0220	.0183	.066	.044	.00177
%RSD	.63617	.60853	.55690	.43895	.35318	.60642	.43234	.67835
#1	4.7509	4.9683	4.9394	5.0006	5.1737	10.843	10.262	.26174
#2	4.7938	5.0112	4.9785	5.0317	5.1996	10.936	10.199	.25924
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5009	26.511	1.0297	2.4485	1.2573	4.9057	2.6241	24.878
Stddev	.0177	.093	.0007	.0181	.0078	.0146	.0075	.119
%RSD	.70978	.35244	.07086	.73844	.61875	.29833	.28744	.47807
#1	2.4883	26.445	1.0302	2.4358	1.2518	4.8953	2.6294	24.794
#2	2.5134	26.577	1.0292	2.4613	1.2628	4.9160	2.6188	24.962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4638	1.2319	24.907	2.5572	2.5397	24.788	4.8912	5.0832
Stddev	.0183	.0034	.156	.0139	.0205	.169	.0214	.0008
%RSD	.74363	.27361	.62658	.54293	.80891	.68121	.43679	.01551
#1	2.4508	1.2343	25.018	2.5671	2.5543	24.908	4.8761	5.0838
#2	2.4767	1.2296	24.797	2.5474	2.5252	24.669	4.9063	5.0827
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7768	5.0351	4.7635	5.0144	5.1137	4.914	5.0736	F 2.9033
Stddev	.0203	.0491	.0327	.0067	.0231	.028	.0237	.3576
%RSD	.42533	.97459	.68626	.13436	.45228	.5597	.46677	12.316
#1	4.7624	5.0698	4.7404	5.0192	5.1300	4.895	5.0903	3.1562
#2	4.7912	5.0004	4.7866	5.0097	5.0973	4.934	5.0569	2.6505

Sample Name: CCV02 Acquired: 11/16/2018 14:16:27 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6340
Stddev	.5396
%RSD	20.488

#1	3.0155
#2	2.2524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.6	56802.	3349.5	106.15	3422.1
Stddev	17.9	118.	25.6	.86	24.2
%RSD	.51675	.20753	.76539	.81151	.70581

#1	3472.2	56719.	3331.4	105.54	3439.2
#2	3447.0	56886.	3367.6	106.76	3405.0

Sample Name: CCB02 Acquired: 11/16/2018 14:20:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	.00068	.00257	-.00171	.00166	.01786	.00048	.00002
Stddev	.00131	.00003	.00181	.00138	.00072	.00776	.00027	.00014
%RSD	243.60	3.9272	70.678	80.679	43.559	43.431	56.429	764.94
#1	-.00147	.00070	.00128	-.00074	.00217	.01238	.00067	-.00008
#2	.00039	.00066	.00385	-.00269	.00115	.02335	.00029	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01712	.00012	-.00004	.00052	-.00014	-.00001	-.01076
Stddev	.00005	.00010	.00030	.00013	.00017	.00734	.00005	.04468
%RSD	339.21	.59120	252.38	346.58	31.930	5402.6	404.99	415.39
#1	-.00005	.01719	.00033	-.00013	.00041	-.00532	-.00005	.02084
#2	.00002	.01705	-.00009	.00006	.00064	.00505	.00002	-.04235
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00030	.15818	-.00012	-.00025	.18967	.00028	.00139
Stddev	.00039	.00056	.00174	.00022	.00007	.02927	.00020	.00393
%RSD	78.098	184.06	1.0979	179.69	29.175	15.434	71.590	283.87
#1	.00077	.00070	.15940	.00003	-.00020	.16898	.00042	-.00140
#2	.00022	-.00009	.15695	-.00028	-.00031	.21037	.00014	.00417
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00393	-.00002	.00218	.00178	-.0000	-.00006	F 1.6792
Stddev	.00246	.00012	.00031	.00135	.00174	.0002	.00003	.6462
%RSD	628.85	3.0722	1490.7	61.822	98.081	354.4	48.497	38.483
#1	-.00135	.00384	.00020	.00313	.00054	-.0002	-.00008	1.2222
#2	.00213	.00401	-.00024	.00123	.00301	.0001	-.00004	2.1361

Sample Name: CCB02 Acquired: 11/16/2018 14:20:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .98217
Stddev	.27415
%RSD	27.912

#1	.78832
#2	1.1760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.7	58253.	3401.6	110.15	3983.0
Stddev	86.0	959.	40.9	.77	120.3
%RSD	2.3531	1.6467	1.2015	.70325	3.0197

#1	3713.5	58931.	3372.7	109.60	4068.0
#2	3591.9	57575.	3430.5	110.69	3897.9

Sample Name: J5939-01DLX10 Acquired: 11/16/2018 14:24:17 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04265	.00367	.09529	.00100	-.00361	27.225	.18320	.00242
Stddev	.00198	.00046	.00025	.00081	.00032	.107	.00218	.00000
%RSD	4.6461	12.545	.26556	81.367	8.9204	.39186	1.1927	.13809
#1	.04405	.00334	.09547	.00157	-.00338	27.149	.18475	.00242
#2	.04125	.00399	.09511	.00042	-.00384	27.300	.18166	.00243
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	13.605	.62520	.02994	.10306	35.513	.37673	17.093
Stddev	.00003	.028	.00004	.00026	.00125	.361	.00065	.114
%RSD	4.8350	.20882	.00645	.87898	1.2171	1.0163	.17326	.66652
#1	-.00056	13.585	.62522	.02976	.10395	35.258	.37627	17.012
#2	-.00060	13.625	.62517	.03013	.10218	35.768	.37719	17.174
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09182	.00444	3.8584	.29905	.17355	1.9298	.00323	.04835
Stddev	.00013	.00060	.0259	.00174	.00173	.0350	.00017	.00169
%RSD	.13746	13.485	.67031	.58238	.99776	1.8135	5.2869	3.4902
#1	.09173	.00486	3.8767	.29782	.17233	1.9050	.00335	.04954
#2	.09191	.00401	3.8401	.30028	.17478	1.9545	.00311	.04715
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85400	F 12.040	.01387	1.3676	.02544	.5647	.11653	.33453
Stddev	.00237	.042	.00011	.0102	.00016	.0012	.00114	.14519
%RSD	.27777	.34919	.77015	.74557	.63745	.2063	.97838	43.400
#1	.85568	12.010	.01395	1.3748	.02556	.5639	.11733	.43719
#2	.85232	12.069	.01379	1.3604	.02533	.5655	.11572	.23187

Sample Name: J5939-01DLX10 Acquired: 11/16/2018 14:24:17 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.3348
Stddev	.0493
%RSD	.52865

#1	9.2999
#2	9.3696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.3	58824.	3474.2	110.75	3641.0
Stddev	11.6	3.	16.8	1.16	.1
%RSD	.32390	.00430	.48336	1.0474	.00287

#1	3567.2	58822.	3462.3	111.57	3641.1
#2	3583.5	58826.	3486.1	109.93	3640.9

Sample Name: J5939-01DUPDLX10 Acquired: 11/16/2018 14:28:15 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04442	.00321	.09709	.00495	-.00279	27.008	.18291	.00239
Stddev	.00286	.00027	.00022	.00052	.00307	.139	.00040	.00003
%RSD	6.4357	8.4513	.22604	10.536	110.20	.51300	.21882	1.3696
#1	.04644	.00340	.09694	.00458	-.00062	26.910	.18320	.00241
#2	.04240	.00302	.09725	.00532	-.00496	27.106	.18263	.00237
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	13.609	.61674	.02994	.10290	35.839	.37483	17.275
Stddev	.00011	.046	.00305	.00031	.00081	.342	.00028	.002
%RSD	18.508	.33600	.49510	1.0476	.78988	.95308	.07559	.00996
#1	-.00053	13.576	.61890	.03016	.10347	35.598	.37503	17.273
#2	-.00069	13.641	.61458	.02972	.10232	36.081	.37463	17.276
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09220	.00436	3.8298	.29490	.17772	1.8756	.00292	.05819
Stddev	.00011	.00015	.0113	.00060	.00102	.0581	.00024	.00956
%RSD	.11403	3.3431	.29467	.20433	.57242	3.0985	8.0842	16.423
#1	.09228	.00426	3.8218	.29533	.17700	1.8345	.00275	.05143
#2	.09213	.00446	3.8378	.29448	.17844	1.9167	.00309	.06495
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85828	F 12.100	.01314	1.3653	.02510	.5627	.11670	.60806
Stddev	.00841	.040	.00032	.0040	.00047	.0039	.00069	.08268
%RSD	.98028	.32674	2.4346	.29658	1.8814	.6967	.59115	13.598
#1	.86423	12.128	.01291	1.3681	.02477	.5655	.11719	.66652
#2	.85233	12.073	.01336	1.3624	.02544	.5600	.11621	.54959

Sample Name: J5939-01DUPDLX10 Acquired: 11/16/2018 14:28:15 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.7810
Stddev .2034
%RSD 2.3168

#1 8.6371
#2 8.9248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.1	58857.	3452.6	108.40	3642.4
Stddev	28.7	111.	5.8	.94	30.9
%RSD	.80174	.18812	.16775	.86967	.84922

#1	3563.8	58935.	3448.5	109.06	3620.5
#2	3604.4	58778.	3456.7	107.73	3664.3

Sample Name: J5939-01LX5 Acquired: 11/16/2018 14:32:13 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08548	.00588	.19041	.00607	-.00335	53.689	.35957	.00462
Stddev	.00141	.00089	.00074	.00001	.00178	.635	.00401	.00003
%RSD	1.6507	15.118	.38644	.14955	53.079	1.1829	1.1162	.58312
#1	.08647	.00651	.18989	.00606	-.00209	53.240	.35673	.00464
#2	.08448	.00525	.19093	.00607	-.00460	54.138	.36241	.00460
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	26.351	1.2008	.05949	.19599	71.821	.72827	33.382
Stddev	.00040	.231	.0089	.00015	.00217	2.652	.00548	.185
%RSD	34.179	.87784	.73948	.24861	1.1064	3.6920	.75315	.55344
#1	-.00089	26.187	1.1945	.05960	.19752	69.946	.72439	33.252
#2	-.00146	26.515	1.2071	.05939	.19446	73.696	.73215	33.513
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18361	.00931	7.4034	.58655	.35036	3.5187	.00664	.10900
Stddev	.00009	.00017	.0271	.00287	.01295	.0266	.00035	.00150
%RSD	.05095	1.8791	.36555	.48957	3.6967	.75698	5.2215	1.3785
#1	.18367	.00919	7.3843	.58452	.34120	3.4998	.00640	.11006
#2	.18354	.00943	7.4226	.58858	.35952	3.5375	.00689	.10794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7323	F 23.021	.02795	2.6794	.04933	1.140	.22340	<.00000
Stddev	.0011	.001	.00175	.0000	.00126	.005	.00056	.05425
%RSD	.06420	.00368	6.2673	.00091	2.5446	.4035	.25097	7.1603
#1	1.7315	23.022	.02919	2.6794	.05022	1.143	.22380	-.71933
#2	1.7331	23.021	.02671	2.6794	.04844	1.137	.22300	-.79605

Sample Name: J5939-01LX5 Acquired: 11/16/2018 14:32:13 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	16.467
Stddev	.500
%RSD	3.0390

#1	16.113
#2	16.821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3584.0	58861.	3528.3	107.14	3498.4
Stddev	33.0	361.	3.6	3.35	27.1
%RSD	.92118	.61393	.10234	3.1225	.77452

#1	3560.6	59117.	3530.8	109.51	3479.3
#2	3607.3	58606.	3525.7	104.78	3517.6

Sample Name: J5939-01MS Acquired: 11/16/2018 14:36:09 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97700	1.8673	1.9171	1.6200	.37722	238.78	1.7007	.19525
Stddev	.01075	.0042	.0029	.0135	.00272	1.03	.0099	.00196
%RSD	1.1004	.22702	.14923	.83265	.72180	.43235	.58192	1.0043
#1	.96940	1.8703	1.9191	1.6104	.37530	238.05	1.7077	.19387
#2	.98460	1.8643	1.9150	1.6295	.37915	239.51	1.6937	.19664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19970	112.81	F 5.4016	.50648	.99810	345.08	3.1902	144.82
Stddev	.00040	.13	.0396	.00098	.01003	2.24	.0159	.81
%RSD	.19824	.11419	.73340	.19411	1.0053	.65047	.49813	.55591
#1	.19998	112.71	5.3736	.50718	.99100	346.66	3.1789	145.39
#2	.19942	112.90	5.4296	.50579	1.0052	343.49	3.2014	144.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4345	.10360	34.857	2.7345	1.8758	22.861	.35615	.80053
Stddev	.0030	.00021	.235	.0167	.0164	.125	.00239	.00029
%RSD	.20910	.19848	.67292	.61056	.87155	.54685	.67223	.03685
#1	1.4366	.10346	35.023	2.7227	1.8874	22.950	.35446	.80032
#2	1.4324	.10375	34.691	2.7463	1.8642	22.773	.35784	.80074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2427	F 80.854	.81745	F 11.249	.40079	F 11.94	1.0935	<.00000
Stddev	.0067	.515	.00466	.063	.00285	.03	.0116	.55207
%RSD	.07213	.63666	.56978	.55800	.71070	.2456	1.0563	4.2177
#1	9.2474	81.218	.82074	11.293	.40281	11.96	1.1017	-12.699
#2	9.2380	80.490	.81415	11.205	.39878	11.92	1.0853	-13.480

Sample Name: J5939-01MS Acquired: 11/16/2018 14:36:09 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	44.323
Stddev	1.055
%RSD	2.3799

#1	45.069
#2	43.577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.0	62886.	3909.4	100.67	2984.6
Stddev	1.9	33.	27.9	.99	24.2
%RSD	.04966	.05271	.71248	.98268	.80988

#1	3804.3	62910.	3889.7	99.975	2967.5
#2	3801.7	62863.	3929.0	101.37	3001.7

Sample Name: J5939-01MSD Acquired: 11/16/2018 14:40:01 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98353	1.8776	1.9268	1.6217	.38041	243.26	1.7244	.19849
Stddev	.00889	.0158	.0144	.0202	.00350	1.91	.0050	.00107
%RSD	.90395	.84326	.74911	1.2441	.92045	.78543	.28964	.53821
#1	.98982	1.8888	1.9370	1.6360	.38289	241.91	1.7209	.19774
#2	.97725	1.8664	1.9165	1.6074	.37794	244.61	1.7280	.19925
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20090	113.86	F 5.5023	.50877	1.0006	346.92	3.2399	147.06
Stddev	.00225	1.04	.0304	.00329	.0036	5.23	.0180	.73
%RSD	1.1214	.91217	.55321	.64606	.36271	1.5078	.55478	.49829
#1	.20249	113.13	5.4808	.51109	1.0031	350.62	3.2272	146.54
#2	.19931	114.60	5.5239	.50644	.99799	343.22	3.2526	147.58
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4409	.10463	35.423	2.7744	1.8920	23.134	.35679	.79432
Stddev	.0113	.00005	.155	.0145	.0288	.098	.00190	.00207
%RSD	.78416	.04321	.43726	.52212	1.5211	.42314	.53341	.26067
#1	1.4489	.10460	35.313	2.7642	1.9124	23.065	.35814	.79579
#2	1.4329	.10467	35.532	2.7847	1.8717	23.203	.35545	.79286
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2246	F 81.257	.81941	F 11.463	.40533	F 11.94	1.1124	<.00000
Stddev	.0788	.392	.00639	.023	.00058	.04	.0076	.46966
%RSD	.85391	.48223	.77942	.19642	.14373	.3157	.68419	3.5489
#1	9.2803	80.980	.82392	11.447	.40492	11.97	1.1070	-13.566
#2	9.1689	81.534	.81489	11.479	.40574	11.92	1.1178	-12.902

Sample Name: J5939-01MSD Acquired: 11/16/2018 14:40:01 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	40.502
Stddev	1.260
%RSD	3.1097

#1	39.611
#2	41.392

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3786.6	61947.	3863.7	99.989	2974.3
Stddev	23.1	257.	11.8	1.481	25.7
%RSD	.60886	.41565	.30557	1.4809	.86302

#1	3770.3	62129.	3872.0	98.942	2956.2
#2	3802.9	61765.	3855.3	101.04	2992.5

Sample Name: J5939-01A Acquired: 11/16/2018 14:43:53 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97523	1.8733	1.9217	1.6148	.37600	240.52	1.7187	.19563
Stddev	.00033	.0010	.0047	.0055	.00248	1.00	.0065	.00095
%RSD	.03386	.05275	.24239	.33882	.65881	.41499	.37879	.48319
#1	.97499	1.8726	1.9250	1.6187	.37425	241.22	1.7141	.19630
#2	.97546	1.8740	1.9184	1.6109	.37775	239.81	1.7233	.19496
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20018	113.87	F 5.4409	.50821	.99095	347.58	3.1978	146.48
Stddev	.00099	.58	.0336	.00102	.00240	5.27	.0181	1.00
%RSD	.49364	.51352	.61811	.19986	.24237	1.5149	.56518	.68152
#1	.20088	113.46	5.4647	.50892	.99265	343.86	3.2105	145.77
#2	.19948	114.29	5.4171	.50749	.98926	351.30	3.1850	147.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4408	.10447	35.269	2.7455	1.8937	23.086	.35504	.80147
Stddev	.0005	.00037	.195	.0193	.0268	.123	.00137	.01829
%RSD	.03548	.35668	.55340	.70300	1.4172	.53401	.38597	2.2824
#1	1.4412	.10420	35.131	2.7592	1.8748	22.998	.35407	.78854
#2	1.4404	.10473	35.407	2.7319	1.9127	23.173	.35601	.81441
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2245	F 80.825	.81701	F 11.372	.40421	F 11.94	1.1063	<.00000
Stddev	.0025	.213	.00028	.057	.00223	.03	.0008	.13012
%RSD	.02733	.26379	.03464	.49944	.55099	.2609	.07393	.96505
#1	9.2227	80.674	.81681	11.332	.40263	11.91	1.1057	-13.391
#2	9.2263	80.976	.81721	11.412	.40578	11.96	1.1069	-13.575

Sample Name: J5939-01A Acquired: 11/16/2018 14:43:53 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	42.817
Stddev	.284
%RSD	.66223

#1	43.018
#2	42.617

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.1	62652.	3878.8	99.739	2975.9
Stddev	8.5	444.	8.7	1.171	11.6
%RSD	.22299	.70877	.22452	1.1740	.39134

#1	3799.1	62338.	3885.0	100.57	2967.6
#2	3811.1	62966.	3872.7	98.911	2984.1

Sample Name: J5976-01 Acquired: 11/16/2018 14:47:45 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05629	-.00282	.69891	.01260	.01815	12.018	.70573	.00156
Stddev	.00166	.00101	.00073	.00110	.00068	.007	.00327	.00000
%RSD	2.9526	35.758	.10449	8.7180	3.7321	.05847	.46337	.09521
#1	.05746	-.00353	.69942	.01182	.01863	12.013	.70804	.00156
#2	.05511	-.00210	.69839	.01338	.01767	12.023	.70342	.00157
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	201.58	.21636	.01401	.32383	16.637	2.6423	33.058
Stddev	.00004	.45	.00005	.00013	.00057	.061	.0036	.067
%RSD	1.3060	.22402	.02318	.93361	.17539	.36378	.13547	.20300
#1	.00293	201.26	.21632	.01410	.32343	16.680	2.6397	33.010
#2	.00298	201.90	.21639	.01392	.32423	16.594	2.6448	33.105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02346	.00285	336.39	.10750	.44528	19.131	.10447	.66068
Stddev	.00026	.00006	.75	.00048	.00069	.032	.00037	.00563
%RSD	1.1118	2.0436	.22358	.44722	.15562	.16637	.35303	.85222
#1	.02364	.00281	336.92	.10784	.44577	19.154	.10473	.65669
#2	.02327	.00289	335.86	.10716	.44479	19.109	.10420	.66466
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 133.01	F 15.153	.00101	.49753	.02954	1.123	1.1979	5.1122
Stddev	.04	.011	.00039	.00237	.00051	.003	.0056	.2067
%RSD	.02953	.07313	38.597	.47655	1.7356	.3053	.46486	4.0427
#1	133.03	15.161	.00128	.49586	.02918	1.120	1.2018	5.2583
#2	132.98	15.145	.00073	.49921	.02990	1.125	1.1940	4.9661

Sample Name: J5976-01 Acquired: 11/16/2018 14:47:45 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.3014
Stddev	.3085
%RSD	9.3453

#1	3.0833
#2	3.5196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.8	51753.	3298.5	103.09	3111.4
Stddev	26.9	144.	16.2	.68	14.3
%RSD	.84020	.27888	.49233	.65830	.45910

#1	3179.8	51650.	3287.1	102.61	3101.3
#2	3217.8	51855.	3310.0	103.57	3121.5

Sample Name: PB114876BL Acquired: 11/16/2018 14:51:49 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00061	.00088	-.00150	-.00215	.02483	-.00024	-.00002
Stddev	.00148	.00030	.00051	.00005	.00085	.00467	.00082	.00000
%RSD	384.44	49.399	57.766	3.5372	39.454	18.794	349.65	27.537
#1	-.00143	.00040	.00124	-.00154	-.00275	.02153	-.00082	-.00002
#2	.00066	.00083	.00052	-.00146	-.00155	.02813	.00035	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00566	-.00063	-.00010	.00041	-.00353	-.00004	.01212
Stddev	.00005	.01231	.00007	.00022	.00028	.00592	.00006	.01249
%RSD	145.28	217.32	11.692	211.28	68.898	167.58	133.20	103.02
#1	-.00007	-.01437	-.00057	-.00026	.00021	.00065	-.00000	.02096
#2	.00000	.00304	-.00068	.00005	.00061	-.00771	-.00008	.00329
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00030	.09963	.00015	-.00031	.11431	-.00000	.00374
Stddev	.00033	.00034	.01162	.00012	.00002	.00666	.00007	.00405
%RSD	83.144	111.22	11.666	78.877	6.4829	5.8246	1486.8	108.42
#1	.00062	.00054	.10785	.00023	-.00033	.11901	.00004	.00087
#2	.00016	.00006	.09142	.00007	-.00030	.10960	-.00005	.00660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00576	.00300	-.00062	.00012	.00007	.0014	.00004	F .49072
Stddev	.00282	.00072	.00048	.00327	.00028	.0004	.00007	.04752
%RSD	49.009	23.862	76.927	2760.5	377.11	26.58	150.97	9.6827
#1	.00376	.00350	-.00096	-.00219	-.00012	.0017	-.00000	.52432
#2	.00775	.00249	-.00028	.00243	.00027	.0011	.00009	.45712

Sample Name: PB114876BL Acquired: 11/16/2018 14:51:49 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0064
Stddev .2402
%RSD 23.861

#1 1.1763
#2 .83663

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3555.6	58327.	3378.4	110.99	3876.6
Stddev	.5	5.	11.6	.48	3.7
%RSD	.01276	.00800	.34378	.43583	.09560

#1	3555.9	58330.	3370.2	111.33	3879.2
#2	3555.2	58324.	3386.6	110.65	3873.9

Sample Name: PB114876BS Acquired: 11/16/2018 14:55:55 Type: Unk
Method: P4-ICP2(v2589) 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	.76324	2.0454	.99780	2.0575	.85821	2.2517	.21755
Stddev	.00297	.0069	.00513	.0015	.00310	.0416	.00064
%RSD	.38963	.33686	.51398	.07263	.36117	1.8468	.29399

#1	.76534	2.0405	.99418	2.0564	.86040	2.2223	.21710
#2	.76113	2.0503	1.0014	2.0586	.85601	2.2811	.21800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21752	.19918	1.1458	.44265	.20011	.32927	3.0031
Stddev	.00235	.00093	.0017	.00452	.00151	.00106	.0089
%RSD	1.0800	.46792	.14865	1.0205	.75444	.32289	.29598

#1	.21586	.19852	1.1470	.43946	.19904	.33002	3.0094
#2	.21918	.19984	1.1446	.44585	.20117	.32852	2.9969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23016	2.1056	.50481	.07500	3.2032	.32310	.21372
Stddev	.00274	.0431	.00263	.00034	.0021	.00421	.00309
%RSD	1.1923	2.0475	.52111	.45798	.06603	1.3025	1.4479

#1	.22822	2.1361	.50295	.07476	3.2047	.32012	.21590
#2	.23210	2.0751	.50667	.07524	3.2017	.32607	.21153

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.207	.41944	.31361	F -.00046	.96591	.66295	.21270
Stddev	.014	.00075	.00996	.00295	.01937	.00528	.00015
%RSD	.13906	.17930	3.1766	640.67	2.0050	.79644	.06892

#1	10.217	.41891	.30657	.00162	.97961	.65922	.21280
#2	10.197	.41998	.32066	-.00254	.95222	.66669	.21259

Sample Name: PB114876BS Acquired: 11/16/2018 14:55:55 Type: Unk
Method: P4-ICP2(v2589) 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	.21588	5.591	.20989	F .25050	F<.00000
Stddev	.00009	.014	.00014	.71213	.23258
%RSD	.04371	.2558	.06639	284.28	1763.4

#1	.21581	5.581	.20980	-.25305	-.17765
#2	.21595	5.601	.20999	.75406	.15127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.5	58042.	3362.3	110.65	3742.0
Stddev	.4	604.	33.1	1.69	18.8
%RSD	.01035	1.0406	.98404	1.5264	.50304

#1	3518.7	58469.	3339.0	109.46	3755.3
#2	3518.2	57614.	3385.7	111.85	3728.7

Sample Name: PB114887BL Acquired: 11/16/2018 14:59:47 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00154	.00006	.00018	-.00136	.01327	-.00015	-.00002
Stddev	.00004	.00049	.00013	.00177	.00136	.00001	.00016	.00002
%RSD	19.898	32.006	218.89	959.54	100.50	.10998	106.89	116.04
#1	.00023	.00119	.00015	-.00107	-.00039	.01328	-.00004	-.00003
#2	.00018	.00189	-.00003	.00143	-.00232	.01326	-.00027	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00316	-.00104	-.00018	-.00008	-.00679	-.00005	.02025
Stddev	.00006	.01630	.00005	.00010	.00014	.00683	.00001	.00978
%RSD	598.64	516.45	4.6281	55.917	168.24	100.58	30.462	48.273
#1	-.00005	-.01468	-.00101	-.00011	.00002	-.01162	-.00006	.01334
#2	.00003	.00837	-.00108	-.00025	-.00018	-.00196	-.00004	.02717
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00040	-.01209	-.00017	-.00055	.04801	.00002	-.00646
Stddev	.00004	.00030	.00930	.00000	.00004	.01128	.00005	.00953
%RSD	131.19	73.549	76.957	2.4450	7.3327	23.494	214.46	147.51
#1	-.00000	.00019	-.01867	-.00016	-.00052	.05598	-.00001	.00028
#2	-.00006	.00061	-.00551	-.00017	-.00057	.04003	.00005	-.01320
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	.00435	-.00064	.00226	-.00282	.0005	.00004	F 1.1992
Stddev	.00101	.00039	.00001	.00004	.00153	.0010	.00002	.1620
%RSD	206.81	9.0767	.86660	1.8550	54.338	209.3	55.554	13.505
#1	.00023	.00407	-.00065	.00223	-.00174	-.0002	.00003	1.0847
#2	-.00120	.00463	-.00064	.00229	-.00390	.0012	.00006	1.3138

Sample Name: PB114887BL Acquired: 11/16/2018 14:59:47 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .46233
Stddev .59153
%RSD 127.95

#1 .88060
#2 .04405

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.3	58079.	3362.3	109.61	3844.0
Stddev	6.4	187.	24.5	.36	30.6
%RSD	.18061	.32195	.72835	.32988	.79583

#1	3539.7	57947.	3379.7	109.36	3822.4
#2	3548.8	58212.	3345.0	109.87	3865.6

Sample Name: CCV03 Acquired: 11/16/2018 15:29:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9236	4.8161	4.7870	4.8464	5.0574	10.726	9.7350	.25440
Stddev	.0261	.0145	.0130	.0222	.0146	.109	.0251	.00006
%RSD	.52945	.30041	.27081	.45878	.28956	1.0166	.25817	.02311
#1	4.9420	4.8264	4.7961	4.8621	5.0677	10.803	9.7528	.25436
#2	4.9051	4.8059	4.7778	4.8306	5.0470	10.649	9.7173	.25444
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4292	25.034	1.0182	2.3610	1.2121	4.5266	2.5787	23.556
Stddev	.0113	.012	.0006	.0107	.0034	.0241	.0006	.038
%RSD	.46695	.04958	.06257	.45215	.28125	.53263	.02294	.16194
#1	2.4373	25.043	1.0177	2.3686	1.2145	4.5436	2.5792	23.529
#2	2.4212	25.026	1.0186	2.3535	1.2096	4.5095	2.5783	23.583
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3747	1.1927	23.773	2.4922	2.4041	23.147	4.6772	4.7692
Stddev	.0135	.0033	.022	.0012	.0041	.112	.0179	.0037
%RSD	.56756	.27964	.09176	.04677	.16949	.48537	.38215	.07772
#1	2.3842	1.1951	23.788	2.4930	2.4070	23.227	4.6899	4.7666
#2	2.3652	1.1904	23.758	2.4914	2.4012	23.068	4.6646	4.7718
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5670	4.6517	4.5586	4.7806	4.8819	4.751	4.8582	F 2.2593
Stddev	.0033	.0284	.0176	.0056	.0072	.016	.0052	.1008
%RSD	.07261	.60948	.38682	.11650	.14699	.3271	.10712	4.4623
#1	4.5647	4.6317	4.5711	4.7845	4.8870	4.762	4.8619	2.3306
#2	4.5694	4.6718	4.5461	4.7767	4.8769	4.740	4.8545	2.1880

Sample Name: CCV03 Acquired: 11/16/2018 15:29:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0137
Stddev	.4637
%RSD	15.387

#1	2.6858
#2	3.3416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.7	54699.	3321.2	106.31	3355.9
Stddev	19.2	265.	1.4	.27	21.3
%RSD	.56522	.48401	.04300	.25480	.63396

#1	3380.2	54512.	3322.2	106.12	3340.8
#2	3407.3	54886.	3320.2	106.50	3370.9

Sample Name: CCB03 Acquired: 11/16/2018 15:33:05 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00147	.00213	.00112	-.00056	.00235	.02025	-.00047	-.00005
Stddev	.00167	.00030	.00418	.00328	.00110	.01388	.00035	.00000
%RSD	113.13	14.255	372.87	591.30	46.917	68.551	74.417	5.0425
#1	-.00029	.00192	-.00183	.00177	.00313	.01043	-.00022	-.00005
#2	-.00265	.00235	.00407	-.00288	.00157	.03006	-.00072	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00137	-.00070	-.00002	-.00004	-.00083	-.00003	.05803
Stddev	.00010	.02606	.00038	.00002	.00005	.00718	.00000	.00881
%RSD	159.09	1902.4	54.257	134.80	127.79	865.51	10.915	15.182
#1	.00001	-.01706	-.00043	-.00003	-.00008	-.00591	-.00003	.06426
#2	-.00013	.01980	-.00097	-.00000	-.00000	.00425	-.00003	.05180
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00005	-.01593	.00026	-.00039	.00962	.00046	.00638
Stddev	.00017	.00020	.00136	.00055	.00014	.02952	.00010	.00576
%RSD	84.663	428.96	8.5268	214.39	36.436	306.86	21.426	90.276
#1	.00008	-.00010	-.01497	-.00013	-.00029	-.01126	.00053	.00231
#2	.00031	.00019	-.01689	.00064	-.00049	.03050	.00039	.01045
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	.00527	.00067	-.00063	-.00012	.0011	.00003	F .74011
Stddev	.00377	.00018	.00012	.00041	.00045	.0004	.00004	.20615
%RSD	182.50	3.4442	17.325	65.179	364.37	38.55	116.16	27.854
#1	.00060	.00540	.00059	-.00034	.00020	.0008	.00006	.59434
#2	-.00473	.00514	.00075	-.00092	-.00045	.0014	.00001	.88588

Sample Name: CCB03 Acquired: 11/16/2018 15:33:05 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14197 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51398
Stddev	.00744
%RSD	1.4467

#1	.50873
#2	.51924

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3526.7	56784.	3342.0	110.18	3848.1
Stddev	23.6	96.	30.1	.19	33.4
%RSD	.66885	.16841	.90152	.17503	.86920

#1	3510.0	56851.	3320.7	110.31	3824.5
#2	3543.4	56716.	3363.3	110.04	3871.8

Sample Name: PB114887BS Acquired: 11/16/2018 15:37:09 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68106	1.8220	.90091	1.8020	.79586	2.1459	.20569	.19013
Stddev	.01065	.0307	.01131	.0215	.00939	.0217	.00298	.00024
%RSD	1.5638	1.6834	1.2549	1.1927	1.1795	1.0108	1.4468	.12547

#1	.67353	1.8004	.89291	1.7868	.78922	2.1305	.20359	.18996
#2	.68859	1.8437	.90890	1.8172	.80249	2.1612	.20780	.19030

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17927	1.1611	.41715	.18501	.29998	2.9166	.21634	2.0194
Stddev	.00217	.0030	.00113	.00235	.00540	.0077	.00047	.0323
%RSD	1.2115	.25478	.27011	1.2703	1.7990	.26376	.21907	1.6011

#1	.17773	1.1590	.41795	.18335	.29617	2.9220	.21600	2.0423
#2	.18081	1.1632	.41636	.18667	.30380	2.9112	.21667	1.9966

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46260	.06656	2.9261	.30524	.19187	9.3974	.39502	.28955
Stddev	.00584	.00087	.0410	.00164	.00058	.1314	.00544	.00143
%RSD	1.2616	1.3022	1.4016	.53728	.30048	1.3985	1.3784	.49413

#1	.45848	.06718	2.8971	.30640	.19146	9.3045	.39117	.29056
#2	.46673	.06595	2.9551	.30408	.19228	9.4903	.39887	.28853

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00277	.87327	.60062	.20124	.19923	4.977	.19665	<.00000
Stddev	.00010	.00275	.00860	.00468	.00468	.073	.00254	.21001
%RSD	3.6418	.31534	1.4314	2.3236	2.3475	1.468	1.2903	249.13

#1	-.00285	.87522	.59454	.19793	.19592	4.925	.19485	-.23280
#2	-.00270	.87133	.60670	.20455	.20253	5.028	.19844	.06420

Sample Name: PB114887BS Acquired: 11/16/2018 15:37:09 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .03701
 %RSD 36.602

#1 -.07495
 #2 -.12729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.1	57435.	3307.4	108.73	3737.4
Stddev	43.1	131.	35.9	.14	45.6
%RSD	1.2399	.22755	1.0841	.13007	1.2210

#1	3507.5	57527.	3332.8	108.83	3769.7
#2	3446.6	57342.	3282.1	108.63	3705.1

Sample Name: J5975-03 Acquired: 11/16/2018 15:55:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7704 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03759	.00019	.27451	.00723	.01346	39.114	.35170	.00183
Stddev	.00143	.00001	.00007	.00059	.00230	.065	.00193	.00000
%RSD	3.7957	7.3477	.02433	8.1587	17.099	.16608	.54744	.04381

#1	.03658	.00018	.27456	.00681	.01509	39.068	.35306	.00183
#2	.03859	.00020	.27446	.00765	.01183	39.160	.35034	.00183

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	116.04	.07967	.02530	.24022	56.121	2.8685	26.533
Stddev	.00008	.03	.00049	.00004	.00082	.565	.0038	.055
%RSD	82.427	.02216	.61560	.17058	.34242	1.0063	.13220	.20645

#1	.00015	116.03	.08002	.02527	.23964	56.520	2.8712	26.494
#2	.00004	116.06	.07932	.02533	.24080	55.722	2.8658	26.572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07911	.00739	252.85	.10408	.48002	24.049	.07197	.20506
Stddev	.00017	.00037	.67	.00063	.00407	.046	.00005	.01032
%RSD	.20962	5.0388	.26693	.60391	.84877	.19113	.07406	5.0346

#1	.07900	.00766	252.37	.10453	.48290	24.082	.07194	.19776
#2	.07923	.00713	253.32	.10364	.47713	24.017	.07201	.21236

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.875	F 60.827	.01659	1.6293	.04430	2.252	.48723	1.4859
Stddev	.117	.132	.00045	.0163	.00116	.012	.00255	.3286
%RSD	.58950	.21693	2.7254	1.0006	2.6102	.5263	.52256	22.114

#1	19.958	60.920	.01691	1.6409	.04348	2.260	.48904	1.2536
#2	19.792	60.733	.01627	1.6178	.04512	2.243	.48543	1.7183

Sample Name: J5975-03 Acquired: 11/16/2018 15:55:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7704 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.546
Stddev	.219
%RSD	2.0807

#1	10.391
#2	10.701

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.4	52479.	3416.7	105.40	3146.7
Stddev	4.6	100.	21.4	1.29	9.2
%RSD	.13986	.19001	.62780	1.2250	.29349

#1	3299.2	52409.	3401.5	104.49	3140.2
#2	3305.7	52550.	3431.9	106.32	3153.2

Sample Name: PB114889BL Acquired: 11/16/2018 15:59:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14205 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	.00012	.00017	-.00057	-.00243	.01675	.00005	.00007
Stddev	.00103	.00074	.00067	.00150	.00137	.01188	.00046	.00004
%RSD	40.564	588.11	392.89	261.39	56.281	70.891	850.53	52.573
#1	-.00325	-.00039	.00064	-.00163	-.00146	.00836	-.00027	.00004
#2	-.00180	.00064	-.00030	.00049	-.00340	.02515	.00038	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00510	-.00052	-.00012	.00021	-.00654	.00006	.05778
Stddev	.00004	.02064	.00030	.00017	.00057	.00262	.00023	.02093
%RSD	195.31	404.68	57.538	145.01	278.76	40.073	363.53	36.226
#1	-.00005	.01970	-.00073	-.00023	-.00020	-.00840	-.00010	.04298
#2	.00001	-.00950	-.00031	.00000	.00061	-.00469	.00022	.07258
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00050	.03416	-.00022	-.00060	.06071	.00023	-.00096
Stddev	.00037	.00013	.00090	.00005	.00005	.00476	.00015	.00248
%RSD	301.75	26.652	2.6355	21.268	9.0967	7.8439	65.623	256.76
#1	-.00014	.00060	.03480	-.00019	-.00056	.05735	.00012	.00079
#2	.00039	.00041	.03353	-.00025	-.00064	.06408	.00034	-.00272
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	.01302	-.00043	.00147	.00283	.0008	-.00009	F 1.3490
Stddev	.00020	.00941	.00078	.00077	.00075	.0004	.00014	.7283
%RSD	7.7833	72.263	180.70	52.224	26.603	55.82	163.57	53.985
#1	.00239	.00637	-.00099	.00202	.00337	.0005	.00001	1.8640
#2	.00267	.01967	.00012	.00093	.00230	.0011	-.00018	.83406

Sample Name: PB114889BL Acquired: 11/16/2018 15:59:22 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14205 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55823
Stddev	.16178
%RSD	28.981

#1	.67263
#2	.44384

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.3	56148.	3311.2	108.48	3793.5
Stddev	30.4	833.	27.9	2.40	19.5
%RSD	.87112	1.4834	.84193	2.2117	.51342

#1	3471.8	55559.	3291.5	106.79	3779.7
#2	3514.9	56737.	3330.9	110.18	3807.3

Sample Name: PB114889BS Acquired: 11/16/2018 16:03:26 Type: Unk
Method: P4-ICP2(v2589) 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	.73179	1.9616	.97692	1.9508	.86545	F 2.3427	.22490
Stddev	.00162	.0129	.00557	.0011	.00074	.0179	.00137
%RSD	.22130	.65771	.57019	.05590	.08512	.76481	.60809

#1	.73064	1.9524	.97298	1.9516	.86598	2.3553	.22587
#2	.73293	1.9707	.98086	1.9500	.86493	2.3300	.22394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20924	.19537	F 1.1938	F .46294	.20092	.32450	2.9902
Stddev	.00143	.00095	.0021	.00258	.00092	.00025	.0462
%RSD	.68261	.48744	.17520	.55738	.45963	.07702	1.5442

#1	.21025	.19469	1.1952	.46476	.20026	.32468	2.9575
#2	.20823	.19604	1.1923	.46112	.20157	.32432	3.0228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .23731	2.1567	.50256	.07187	3.2118	.33641	.21007
Stddev	.00164	.0191	.00179	.00042	.0026	.00169	.00083
%RSD	.69289	.88334	.35659	.58187	.08088	.50179	.39674

#1	.23847	2.1432	.50129	.07217	3.2136	.33761	.20948
#2	.23614	2.1702	.50383	.07158	3.2099	.33522	.21066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.128	.43108	.31173	F -.00429	.93224	.65033	.21743
Stddev	.037	.00005	.00663	.00259	.00357	.00136	.00025
%RSD	.36904	.01258	2.1280	60.350	.38335	.20877	.11707

#1	10.154	.43112	.30704	-.00246	.93477	.64937	.21761
#2	10.102	.43104	.31643	-.00612	.92972	.65129	.21725

Sample Name: PB114889BS Acquired: 11/16/2018 16:03:26 Type: Unk
 Method: P4-ICP2(v2589) 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	.22057	F 5.343	.21435	F .52853	F .07811
Stddev	.00028	.021	.00145	.05487	.17641
%RSD	.12875	.3902	.67497	10.382	225.84

#1	.22037	5.328	.21537	.56734	.20285
#2	.22077	5.358	.21332	.48973	-.04663

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.9	56423.	3298.0	107.88	3720.4
Stddev	4.1	452.	12.7	.14	9.2
%RSD	.11878	.80123	.38467	.13109	.24790

#1	3457.0	56103.	3289.1	107.98	3727.0
#2	3462.8	56742.	3307.0	107.78	3713.9

Sample Name: J5939-01LDLX50 Acquired: 11/16/2018 16:07:18 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	.00077	.02042	.00067	-.00124	6.2134	.04022	.00061
Stddev	.00251	.00084	.00077	.00060	.00249	.0308	.00036	.00001
%RSD	26.926	109.53	3.7917	88.773	200.71	.49579	.89703	2.0314

#1	.00755	.00017	.01987	.00110	-.00300	6.2352	.04048	.00060
#2	.01110	.00137	.02097	.00025	.00052	6.1916	.03996	.00062

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	3.0188	.14082	.00633	.02381	7.4889	.08711	3.7419
Stddev	.00003	.0323	.00047	.00001	.00060	.0561	.00022	.0186
%RSD	17.346	1.0715	.33644	.22705	2.5005	.74963	.25279	.49586

#1	-.00019	3.0417	.14049	.00632	.02339	7.5286	.08696	3.7288
#2	-.00015	2.9959	.14116	.00634	.02423	7.4492	.08727	3.7550

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01978	.00098	.78662	.06566	.03770	.38023	.00061	.00694
Stddev	.00013	.00015	.01299	.00065	.00060	.02606	.00017	.00056
%RSD	.67802	14.978	1.6508	.98985	1.5958	6.8550	27.857	8.0162

#1	.01987	.00108	.79580	.06520	.03813	.39867	.00073	.00734
#2	.01968	.00087	.77744	.06612	.03728	.36180	.00049	.00655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17353	2.6186	.00252	.29973	.00408	.1189	.02574	.99629
Stddev	.00073	.0134	.00052	.00129	.00084	.0008	.00006	.45538
%RSD	.42116	.51020	20.527	.43088	20.543	.6913	.22152	45.708

#1	.17405	2.6092	.00289	.30064	.00467	.1183	.02570	1.3183
#2	.17302	2.6281	.00215	.29882	.00349	.1195	.02578	.67428

Sample Name: J5939-01LDLX50 Acquired: 11/16/2018 16:07:18 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7696
 Stddev .1564
 %RSD 5.6474

#1 2.6590
 #2 2.8801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.6	55964.	3411.0	110.21	3734.2
Stddev	19.9	234.	18.4	1.58	15.0
%RSD	.56602	.41874	.54088	1.4319	.40181

#1	3528.6	55799.	3398.0	109.09	3744.8
#2	3500.5	56130.	3424.1	111.33	3723.6

Sample Name: J5939-01MSDLX10 Acquired: 11/16/2018 16:11:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11612	.20326	.20134	.19895	.04409	29.255	.20980	.02487
Stddev	.00157	.00338	.00087	.00111	.00030	.003	.00173	.00017
%RSD	1.3518	1.6632	.43002	.56019	.68324	.01103	.82352	.70153
#1	.11501	.20087	.20073	.19974	.04430	29.257	.20858	.02475
#2	.11723	.20565	.20195	.19816	.04388	29.253	.21102	.02500
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02023	14.243	.71264	.05082	.13820	34.603	.42533	17.840
Stddev	.00006	.116	.00461	.00006	.00007	.344	.00205	.116
%RSD	.30997	.81298	.64696	.12400	.04976	.99342	.48305	.65091
#1	.02018	14.162	.70938	.05087	.13815	34.360	.42678	17.758
#2	.02027	14.325	.71590	.05078	.13825	34.846	.42387	17.922
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14584	.01228	4.1509	.34756	.20169	2.6276	.04285	.08935
Stddev	.00056	.00034	.0368	.00259	.00225	.0291	.00018	.00539
%RSD	.38663	2.7806	.88731	.74507	1.1166	1.1060	.41450	6.0312
#1	.14544	.01204	4.1248	.34573	.20010	2.6071	.04273	.09316
#2	.14624	.01252	4.1769	.34939	.20328	2.6482	.04298	.08554
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87684	F 10.350	.08112	1.3879	.04503	1.170	.14241	<.00000
Stddev	.00584	.100	.00097	.0094	.00103	.005	.00100	.21047
%RSD	.66548	.96371	1.1929	.67385	2.2798	.4186	.70405	105.33
#1	.87272	10.279	.08044	1.3813	.04431	1.167	.14170	-.05099
#2	.88097	10.420	.08180	1.3945	.04576	1.174	.14312	-.34865

Sample Name: J5939-01MSDLX10 Acquired: 11/16/2018 16:11:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4341
Stddev .0231
%RSD .31001

#1 7.4178
#2 7.4504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.4	55561.	3424.7	108.89	3540.1
Stddev	19.8	271.	22.4	.57	13.4
%RSD	.56414	.48857	.65493	.52479	.37961

#1	3487.4	55369.	3440.5	109.30	3530.6
#2	3515.3	55753.	3408.8	108.49	3549.6

Sample Name: J5939-01MSDDLX10 Acquired: 11/16/2018 16:15:19 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11880	.20373	.20233	.20177	.04463	29.276	.20896	.02495
Stddev	.00021	.00135	.00174	.00121	.00119	.416	.00306	.00019
%RSD	.17318	.66324	.85906	.59727	2.6753	1.4213	1.4654	.74876
#1	.11866	.20277	.20110	.20262	.04548	28.981	.20680	.02482
#2	.11895	.20468	.20356	.20092	.04379	29.570	.21113	.02509
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02020	14.385	.71342	.05106	.13741	35.052	.42446	17.886
Stddev	.00006	.177	.00731	.00004	.00036	.356	.00210	.030
%RSD	.28713	1.2285	1.0252	.08652	.26060	1.0151	.49582	.16663
#1	.02016	14.260	.70825	.05103	.13766	34.801	.42297	17.865
#2	.02024	14.510	.71859	.05109	.13715	35.304	.42595	17.908
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14514	.01184	4.1372	.35024	.20451	2.5947	.04294	.08920
Stddev	.00127	.00040	.0118	.00262	.00136	.0364	.00020	.00027
%RSD	.87497	3.3957	.28520	.74888	.66361	1.4014	.47708	.29871
#1	.14424	.01156	4.1289	.34839	.20355	2.6205	.04279	.08938
#2	.14604	.01213	4.1456	.35210	.20547	2.5690	.04308	.08901
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87223	F 10.409	.08204	1.3874	.04422	1.169	.14152	.03233
Stddev	.00483	.057	.00012	.0129	.00158	.008	.00001	.12049
%RSD	.55330	.55112	.14192	.93294	3.5704	.7145	.00896	372.69
#1	.86882	10.368	.08196	1.3783	.04310	1.163	.14152	.11753
#2	.87564	10.449	.08212	1.3966	.04533	1.175	.14151	-.05287

Sample Name: J5939-01MSDDLX10 Acquired: 11/16/2018 16:15:19 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.5280
Stddev	.0844
%RSD	1.1212

#1	7.4683
#2	7.5877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.8	55006.	3385.8	105.92	3512.5
Stddev	5.0	303.	20.2	.38	7.0
%RSD	.14317	.55065	.59628	.35716	.20025

#1	3469.3	55220.	3400.1	106.18	3517.4
#2	3462.2	54792.	3371.5	105.65	3507.5

Sample Name: J5939-01ADLX10 Acquired: 11/16/2018 16:19:17 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11897	.20343	.19901	.20098	.04501	29.463	.20838	.02499
Stddev	.00434	.00140	.00021	.00341	.00067	.182	.00006	.00014
%RSD	3.6449	.68799	.10734	1.6980	1.4841	.61859	.02844	.56801
#1	.11590	.20244	.19885	.20339	.04454	29.334	.20842	.02489
#2	.12204	.20442	.19916	.19856	.04548	29.592	.20833	.02509
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02021	14.207	.70839	.05073	.13776	34.959	.42670	17.783
Stddev	.00005	.063	.00244	.00004	.00081	.027	.00100	.001
%RSD	.26433	.44017	.34428	.07860	.58844	.07584	.23539	.00682
#1	.02017	14.251	.70666	.05076	.13833	34.941	.42599	17.784
#2	.02025	14.163	.71011	.05070	.13718	34.978	.42741	17.782
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14511	.01206	4.1082	.34720	.20221	2.6036	.04289	.08682
Stddev	.00063	.00057	.0095	.00153	.00089	.0124	.00007	.00035
%RSD	.43638	4.7230	.23245	.43990	.44135	.47519	.15831	.40258
#1	.14466	.01246	4.1015	.34612	.20284	2.5949	.04294	.08706
#2	.14555	.01166	4.1150	.34828	.20158	2.6124	.04285	.08657
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87042	F 10.338	.08100	1.3837	.04439	1.170	.14078	.47320
Stddev	.00193	.083	.00029	.0046	.00031	.005	.00025	.10967
%RSD	.22146	.79923	.35748	.33455	.69392	.4352	.17834	23.177
#1	.87179	10.396	.08080	1.3870	.04461	1.166	.14096	.55075
#2	.86906	10.279	.08121	1.3804	.04418	1.173	.14061	.39565

Sample Name: J5939-01ADLX10 Acquired: 11/16/2018 16:19:17 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.0724
Stddev	.1147
%RSD	1.6217

#1	6.9913
#2	7.1535

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.5	54901.	3427.0	106.93	3514.0
Stddev	4.7	115.	14.9	.40	.3
%RSD	.13543	.20917	.43544	.37162	.00974

#1	3463.1	54982.	3416.5	106.65	3513.8
#2	3469.8	54820.	3437.6	107.21	3514.3

Sample Name: J5952-01 Acquired: 11/16/2018 16:23:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-111518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13134	.01280	3.7499	.00678	.00988	191.00	2.3454	.01331
Stddev	.00273	.00186	.0062	.00243	.00200	.54	.0010	.00008
%RSD	2.0784	14.572	.16449	35.899	20.226	.28124	.04263	.59121

#1	.12941	.01148	3.7456	.00506	.01129	190.62	2.3461	.01336
#2	.13327	.01411	3.7543	.00850	.00847	191.38	2.3447	.01325

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	156.39	.37774	.18020	.67333	380.11	5.1509	63.507
Stddev	.00050	.89	.00209	.00005	.00093	2.73	.0201	.280
%RSD	12.129	.56925	.55210	.03044	.13865	.71911	.38960	.44097

#1	.00376	155.76	.37626	.18024	.67399	382.04	5.1368	63.309
#2	.00446	157.02	.37921	.18016	.67267	378.18	5.1651	63.705

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42763	.04926	1.9102	.74815	2.7525	39.078	.01786	.02043
Stddev	.00247	.00060	.0001	.00388	.0064	.092	.00028	.01486
%RSD	.57646	1.2266	.00488	.51887	.23401	.23432	1.5714	72.753

#1	.42938	.04969	1.9102	.74540	2.7570	39.014	.01806	.03094
#2	.42589	.04883	1.9103	.75089	2.7479	39.143	.01766	.00992

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.017	4.8891	.26477	F 11.265	.22940	F 10.11	.20178	<.00000
Stddev	.003	.0524	.00401	.019	.00166	.01	.00284	.57263
%RSD	.01387	1.0721	1.5136	.16770	.72321	.1339	1.4090	3.1836

#1	18.016	4.8520	.26194	11.252	.22823	10.10	.19976	-18.392
#2	18.019	4.9262	.26760	11.279	.23058	10.12	.20379	-17.582

Sample Name: J5952-01 Acquired: 11/16/2018 16:23:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-111518 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	25.541
Stddev	.489
%RSD	1.9137

#1	25.195
#2	25.887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.1	58369.	3867.9	100.68	3027.9
Stddev	2.4	274.	27.5	.17	7.8
%RSD	.06576	.46991	.71225	.17268	.25626

#1	3657.4	58563.	3887.4	100.56	3033.4
#2	3660.8	58175.	3848.4	100.80	3022.4

Sample Name: J5762-05 Acquired: 11/16/2018 16:36:41 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-111518 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05032	.01059	.23865	-.01018	.00624	160.13	.52921	.01005
Stddev	.00296	.00106	.00104	.00610	.00167	.54	.00024	.00024
%RSD	5.8891	9.9965	.43784	59.903	26.718	.33844	.04480	2.3540

#1	.05242	.01134	.23938	-.00587	.00742	160.51	.52904	.00988
#2	.04823	.00984	.23791	-.01449	.00507	159.74	.52938	.01022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00371	19.357	.20514	.02258	-.08187	331.95	.80838	10.709
Stddev	.00048	.058	.00121	.00041	.00544	8.28	.00239	.037
%RSD	13.025	.29991	.58896	1.8015	6.6386	2.4942	.29599	.34780

#1	-.00405	19.316	.20428	.02230	-.08572	337.80	.80669	10.682
#2	-.00337	19.398	.20599	.02287	-.07803	326.09	.81007	10.735

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05356	.03522	2.6032	.30759	.43524	6.0002	.00255	-.06433
Stddev	.00062	.00099	.0075	.00173	.01256	.0019	.00022	.01088
%RSD	1.1597	2.8090	.28808	.56139	2.8852	.03078	8.5041	16.920

#1	.05400	.03592	2.6085	.30637	.44412	5.9989	.00240	-.05663
#2	.05312	.03452	2.5979	.30882	.42636	6.0015	.00270	-.07203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5135	3.9963	.02055	.46007	.09536	3.066	-.27703	<.00000
Stddev	.0311	.0116	.00024	.00705	.00007	.019	.00893	.04677
%RSD	.68988	.29062	1.1765	1.5318	.07609	.6341	3.2219	.25389

#1	4.5355	4.0045	.02072	.46505	.09541	3.079	-.28334	-18.454
#2	4.4915	3.9881	.02038	.45509	.09531	3.052	-.27072	-18.388

Sample Name: J5762-05 Acquired: 11/16/2018 16:36:41 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-03-111518 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	22.042
Stddev	.066
%RSD	.30125

#1	22.089
#2	21.995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.7	56205.	3647.4	105.85	3268.8
Stddev	12.9	13.	18.6	3.02	19.6
%RSD	.36376	.02334	.50882	2.8507	.59937

#1	3528.6	56214.	3660.5	103.71	3254.9
#2	3546.8	56196.	3634.2	107.98	3282.6

Sample Name: CCV04 Acquired: 11/16/2018 16:50:33 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9380	4.9233	4.9357	4.9861	5.2836	10.894	9.8777	.25801
Stddev	.0014	.0159	.0001	.0009	.0075	.722	.1388	.01796
%RSD	.02880	.32255	.00309	.01753	.14152	6.6252	1.4053	6.9616
#1	4.9390	4.9345	4.9356	4.9867	5.2889	11.404	9.9759	.27071
#2	4.9370	4.9120	4.9358	4.9855	5.2783	10.383	9.7796	.24531
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5143	26.044	1.0189	2.4238	1.2462	4.5186	2.6101	23.930
Stddev	.0043	.157	.0731	.0038	.0006	.0668	.1887	.063
%RSD	.17088	.60332	7.1714	.15815	.04636	1.4790	7.2303	.26116
#1	2.5173	26.155	1.0706	2.4265	1.2458	4.5659	2.7435	23.974
#2	2.5113	25.933	.96725	2.4211	1.2466	4.4714	2.4767	23.886
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4375	1.1609	23.964	2.4865	2.4339	23.045	4.7442	4.8501
Stddev	.0036	.0851	.307	.1820	.0322	.323	.0052	.0354
%RSD	.14774	7.3325	1.2802	7.3172	1.3223	1.4013	.11030	.72959
#1	2.4401	1.2211	24.181	2.6152	2.4567	23.274	4.7479	4.8751
#2	2.4350	1.1007	23.747	2.3579	2.4111	22.817	4.7405	4.8250
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6507	4.5721	4.5980	4.8428	4.9732	4.887	4.8957	F 2.0807
Stddev	.0142	.0986	.0068	.0497	.0618	.023	.0708	1.5903
%RSD	.30518	2.1564	.14718	1.0264	1.2428	.4720	1.4465	76.430
#1	4.6608	4.6418	4.6028	4.8780	5.0169	4.904	4.9458	3.2052
#2	4.6407	4.5024	4.5932	4.8077	4.9295	4.871	4.8457	.95619

Sample Name: CCV04 Acquired: 11/16/2018 16:50:33 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8222
Stddev .2133
%RSD 7.5579

#1 2.9730
#2 2.6713

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.1	54136.	3345.4	105.67	3283.3
Stddev	6.4	3457.	37.6	1.53	9.8
%RSD	.19235	6.3854	1.1240	1.4508	.29915

#1	3306.6	51691.	3318.8	104.59	3276.3
#2	3315.6	56580.	3372.0	106.75	3290.2

Sample Name: CCB04 Acquired: 11/16/2018 17:01:46 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00074	.00081	-.00069	.00148	.01326	.00049	-.00004
Stddev	.00018	.00162	.00098	.00057	.00159	.00095	.00002	.00017
%RSD	11.449	218.92	122.09	82.156	107.72	7.1480	4.5345	424.37
#1	.00141	-.00040	.00011	-.00109	.00260	.01393	.00047	.00008
#2	.00166	.00188	.00150	-.00029	.00035	.01259	.00051	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01069	-.00044	.00017	.00023	-.00384	-.00004	-.00431
Stddev	.00004	.00300	.00003	.00001	.00071	.00754	.00006	.04575
%RSD	241.30	28.065	6.6696	6.5459	312.10	196.35	148.81	1061.3
#1	-.00005	.00857	-.00046	.00016	-.00027	.00149	-.00009	-.03666
#2	.00001	.01281	-.00042	.00018	.00073	-.00918	.00000	.02804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00031	-.07758	.00050	-.00057	-.03440	.00074	.01283
Stddev	.00013	.00054	.00014	.00017	.00002	.00442	.00021	.00264
%RSD	42.797	173.74	.18059	33.250	4.2495	12.852	29.127	20.547
#1	.00021	-.00007	-.07768	.00062	-.00059	-.03752	.00089	.01097
#2	.00039	.00069	-.07748	.00038	-.00056	-.03127	.00058	.01470
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	.00401	.00011	.00302	-.00025	.0008	-.00007	F 1.4658
Stddev	.00260	.00378	.00026	.00067	.00312	.0006	.00011	.6747
%RSD	111.29	94.269	247.59	22.335	1234.0	82.42	143.12	46.029
#1	-.00050	.00668	-.00008	.00254	.00195	.0012	-.00015	1.9428
#2	-.00417	.00134	.00029	.00350	-.00246	.0003	.00000	.98869

Sample Name: CCB04 Acquired: 11/16/2018 17:01:46 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .91918
Stddev	.09346
%RSD	10.168

#1	.98526
#2	.85309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.0	54471.	3331.3	109.11	3765.9
Stddev	1.0	276.	13.1	.97	19.5
%RSD	.02778	.50579	.39268	.88522	.51723

#1	3450.3	54276.	3322.1	108.43	3779.7
#2	3451.7	54666.	3340.6	109.79	3752.1

Sample Name: J5952-01DUP Acquired: 11/16/2018 17:05:49 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-01(7-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13055	.01241	3.7189	-.00250	.01068	184.84	2.2799	.01338
Stddev	.00258	.00145	.0020	.00336	.00054	.61	.0048	.00003
%RSD	1.9761	11.702	.05341	134.52	5.0735	.32821	.21066	.23244
#1	.13238	.01138	3.7203	-.00012	.01029	185.27	2.2833	.01341
#2	.12873	.01344	3.7175	-.00488	.01106	184.41	2.2765	.01336
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	152.84	.38330	.17798	.66995	370.67	5.2566	62.790
Stddev	.00063	.65	.00322	.00059	.00678	4.10	.0058	.010
%RSD	9.8829	.42429	.84058	.32893	1.0118	1.1048	.11059	.01597
#1	.00678	153.30	.38558	.17839	.67474	367.78	5.2607	62.797
#2	.00589	152.38	.38102	.17756	.66516	373.57	5.2525	62.783
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42174	.04857	1.8667	.75404	2.6974	38.216	.01787	.00528
Stddev	.00120	.00046	.0156	.00554	.0271	.164	.00006	.00870
%RSD	.28437	.95585	.83492	.73424	1.0047	.42932	.34293	164.79
#1	.42089	.04825	1.8778	.75795	2.6782	38.332	.01792	-.00087
#2	.42259	.04890	1.8557	.75012	2.7166	38.100	.01783	.01143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.397	4.6018	.24314	F 11.089	.22882	9.611	.20011	<.00000
Stddev	.045	.0298	.00025	.026	.00295	.006	.00569	.22692
%RSD	.26007	.64836	.10299	.23161	1.2902	.0625	2.8437	1.1431
#1	17.429	4.6229	.24332	11.107	.22673	9.615	.20414	-19.691
#2	17.365	4.5807	.24296	11.071	.23091	9.607	.19609	-20.012

Sample Name: J5952-01DUP Acquired: 11/16/2018 17:05:49 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-01(7-10) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	18.056
Stddev	1.542
%RSD	8.5406

#1	19.147
#2	16.966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.3	57704.	3872.4	101.87	3048.5
Stddev	4.3	75.	3.8	1.13	1.7
%RSD	.11799	.12956	.09837	1.1049	.05665

#1	3658.2	57651.	3869.7	102.66	3047.3
#2	3664.3	57757.	3875.0	101.07	3049.7

Sample Name: J5952-01LX5 Acquired: 11/16/2018 17:09:44 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02783	.00416	.76118	-.00272	.00028	40.559	.53462	.00311
Stddev	.00066	.00158	.00910	.00143	.00126	.008	.00369	.00008
%RSD	2.3670	37.842	1.1961	52.692	445.74	.01952	.69025	2.6110

#1	.02829	.00305	.75475	-.00374	.00117	40.565	.53723	.00317
#2	.02736	.00528	.76762	-.00171	-.00061	40.554	.53202	.00305

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	36.510	.08886	.03499	.17383	73.127	1.2472	14.917
Stddev	.00025	.115	.00027	.00087	.00326	1.922	.0011	.048
%RSD	38.540	.31487	.30530	2.4896	1.8732	2.6278	.08770	.32357

#1	.00047	36.591	.08867	.03438	.17153	74.486	1.2464	14.951
#2	.00082	36.428	.08905	.03561	.17613	71.768	1.2479	14.883

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08329	.00972	.36673	.17180	.55605	8.5657	.00402	-.01584
Stddev	.00103	.00084	.00156	.00060	.01269	.0212	.00024	.00481
%RSD	1.2408	8.6764	.42599	.34679	2.2828	.24721	6.0609	30.394

#1	.08256	.00913	.36563	.17222	.56502	8.5807	.00385	-.01243
#2	.08402	.01032	.36784	.17138	.54707	8.5507	.00420	-.01924

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3358	1.1414	.05163	2.5974	.05149	1.928	.06308	<.00000
Stddev	.0304	.0129	.00090	.0292	.00034	.027	.00122	.20775
%RSD	.91211	1.1259	1.7387	1.1250	.65764	1.394	1.9264	9.3991

#1	3.3143	1.1505	.05100	2.6181	.05173	1.909	.06222	-2.0634
#2	3.3574	1.1323	.05226	2.5768	.05125	1.947	.06394	-2.3572

Sample Name: J5952-01LX5 Acquired: 11/16/2018 17:09:44 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.675
Stddev	.175
%RSD	1.3794

#1	12.552
#2	12.799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.3	54684.	3496.1	109.55	3487.3
Stddev	3.8	95.	27.5	2.82	29.8
%RSD	.10794	.17401	.78558	2.5777	.85311

#1	3495.9	54751.	3476.7	107.55	3508.4
#2	3490.6	54616.	3515.6	111.55	3466.3

Sample Name: J5952-02 Acquired: 11/16/2018 17:13:38 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5952-01MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78143	1.9375	5.4220	1.7141	.11692	216.99	2.6715	.21733
Stddev	.00310	.0152	.0212	.0168	.00133	1.11	.0018	.00127
%RSD	.39724	.78528	.39154	.97758	1.1353	.50948	.06567	.58655
#1	.77924	1.9267	5.4069	1.7022	.11598	216.21	2.6727	.21643
#2	.78363	1.9483	5.4370	1.7259	.11786	217.77	2.6703	.21823
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21533	179.34	.79769	.40772	1.0087	369.19	6.9284	69.206
Stddev	.00130	1.42	.00339	.00230	.0049	1.74	.0437	.316
%RSD	.60363	.79235	.42540	.56492	.48136	.47138	.63003	.45663
#1	.21441	178.33	.79529	.40609	1.0052	367.96	6.8976	68.983
#2	.21625	180.34	.80009	.40935	1.0121	370.42	6.9593	69.430
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0807	.11331	5.0882	1.1111	2.9494	50.994	.35584	.24138
Stddev	.0060	.00091	.0015	.0069	.0175	.024	.00235	.00275
%RSD	.55177	.79891	.02916	.62266	.59447	.04800	.66084	1.1385
#1	1.0765	.11267	5.0893	1.1062	2.9370	50.977	.35417	.24333
#2	1.0849	.11395	5.0872	1.1160	2.9618	51.011	.35750	.23944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.730	6.9458	.79288	F 12.856	.45291	F 14.78	.45003	<.00000
Stddev	.042	.0525	.00518	.008	.00102	.05	.00307	.02395
%RSD	.21335	.75560	.65273	.06271	.22565	.3443	.68291	.13418
#1	19.700	6.9087	.78922	12.861	.45364	14.75	.45220	-17.831
#2	19.759	6.9829	.79654	12.850	.45219	14.82	.44786	-17.865

Sample Name: J5952-02 Acquired: 11/16/2018 17:13:38 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5952-01MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.813
Stddev	.756
%RSD	5.1027

#1	15.347
#2	14.279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.4	56981.	3843.3	103.62	2998.2
Stddev	17.8	139.	7.8	.55	9.9
%RSD	.48811	.24452	.20364	.52927	.33100

#1	3664.0	57079.	3848.8	104.01	3005.2
#2	3638.8	56882.	3837.7	103.24	2991.1

Sample Name: J5952-03 Acquired: 11/16/2018 17:17:35 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5952-01MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77736	1.9348	5.4001	1.7247	.11726	216.82	2.6847	.21660
Stddev	.00796	.0023	.0102	.0046	.00021	.22	.0035	.00063
%RSD	1.0237	.11722	.18828	.26695	.18173	.10118	.13028	.28900

#1	.78299	1.9364	5.4072	1.7214	.11711	216.97	2.6871	.21704
#2	.77173	1.9332	5.3929	1.7279	.11741	216.66	2.6822	.21616

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21524	180.62	.79656	.40734	1.0080	371.02	6.9692	69.426
Stddev	.00003	.08	.00381	.00026	.0014	.04	.0678	.536
%RSD	.01492	.04512	.47882	.06283	.13520	.00953	.97309	.77173

#1	.21527	180.68	.79926	.40752	1.0090	371.05	7.0172	69.805
#2	.21522	180.56	.79387	.40715	1.0070	371.00	6.9213	69.047

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0799	.11386	5.1281	1.1047	2.9731	51.354	.35632	.24900
Stddev	.0018	.00099	.0110	.0039	.0015	.068	.00011	.00436
%RSD	.16714	.87240	.21473	.35067	.05193	.13202	.02953	1.7530

#1	1.0812	.11457	5.1358	1.1074	2.9741	51.306	.35640	.24591
#2	1.0787	.11316	5.1203	1.1019	2.9720	51.402	.35625	.25209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.641	7.1217	.79083	F 12.883	.45422	F 14.74	.45355	<.00000
Stddev	.049	.1645	.00247	.011	.00147	.04	.00123	.37584
%RSD	.24997	2.3103	.31258	.08802	.32254	.2551	.27218	2.0391

#1	19.675	7.0054	.78908	12.891	.45525	14.77	.45443	-18.698
#2	19.606	7.2381	.79258	12.875	.45318	14.71	.45268	-18.166

Sample Name: J5952-03 Acquired: 11/16/2018 17:17:35 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J5952-01MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.797
Stddev	.203
%RSD	1.5894

#1	12.941
#2	12.653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.7	57122.	3818.4	102.80	3010.0
Stddev	8.5	180.	12.7	.05	10.6
%RSD	.23329	.31541	.33317	.05067	.35142

#1	3647.7	56994.	3809.4	102.77	3002.5
#2	3659.7	57249.	3827.4	102.84	3017.5

Sample Name: J5952-01A Acquired: 11/16/2018 17:21:32 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-01(7-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77438	1.9436	5.4431	1.7151	.11549	216.63	2.6640	.21637
Stddev	.00127	.0013	.0034	.0028	.00079	.02	.0128	.00073
%RSD	.16353	.06779	.06341	.16548	.68093	.00766	.48164	.33683
#1	.77349	1.9427	5.4456	1.7131	.11494	216.65	2.6731	.21585
#2	.77528	1.9445	5.4407	1.7171	.11605	216.62	2.6549	.21688
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21627	178.93	.79308	.41010	1.0069	369.97	6.9260	68.929
Stddev	.00089	.34	.00089	.00053	.0075	6.33	.0106	.130
%RSD	.41082	.19151	.11268	.12948	.74405	1.7105	.15272	.18807
#1	.21564	179.17	.79245	.40973	1.0016	374.45	6.9185	68.837
#2	.21690	178.69	.79372	.41048	1.0122	365.50	6.9335	69.021
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0815	.11365	5.0912	1.1018	2.9620	50.774	.35425	.25072
Stddev	.0012	.00021	.0238	.0012	.0534	.249	.00015	.01278
%RSD	.10693	.18765	.46753	.11003	1.8043	.48968	.04200	5.0979
#1	1.0807	.11380	5.1081	1.1009	2.9998	50.950	.35435	.25975
#2	1.0823	.11350	5.0744	1.1026	2.9242	50.598	.35414	.24168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.771	7.0355	.79644	F 12.828	.45402	F 14.86	.44559	<.00000
Stddev	.014	.1025	.00505	.075	.00160	.00	.00216	.47620
%RSD	.06906	1.4574	.63356	.58328	.35168	.0274	.48425	2.5845
#1	19.780	7.1080	.80001	12.881	.45515	14.85	.44406	-18.089
#2	19.761	6.9630	.79287	12.775	.45289	14.86	.44711	-18.762

Sample Name: J5952-01A Acquired: 11/16/2018 17:21:32 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VTW-01(7-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.545
Stddev	.227
%RSD	1.6753

#1	13.385
#2	13.705

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.1	57214.	3858.1	103.11	2987.0
Stddev	.6	22.	14.8	1.99	2.3
%RSD	.01527	.03895	.38316	1.9342	.07800

#1	3653.5	57198.	3847.6	101.70	2985.4
#2	3652.7	57230.	3868.5	104.52	2988.7

Sample Name: J5952-04 Acquired: 11/16/2018 17:25:30 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-02(4-6) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09352	.00915	1.5895	-.00475	.00618	107.21	1.5033	.01160
Stddev	.00212	.00007	.0176	.00241	.00037	.02	.0092	.00011
%RSD	2.2683	.74678	1.1038	50.636	6.0277	.01996	.60890	.91129

#1	.09502	.00919	1.6019	-.00305	.00592	107.19	1.5097	.01167
#2	.09202	.00910	1.5771	-.00646	.00645	107.22	1.4968	.01152

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	141.20	.41728	.07677	.73932	239.34	2.5944	60.440
Stddev	.00045	.97	.00301	.00094	.00564	6.20	.0053	.552
%RSD	27.708	.69020	.72219	1.2207	.76240	2.5922	.20418	.91359

#1	.00132	141.89	.41515	.07744	.74331	243.72	2.5981	60.831
#2	.00196	140.52	.41941	.07611	.73534	234.95	2.5906	60.050

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22776	.03066	2.8467	.38944	1.4964	20.039	.05787	-.02705
Stddev	.00235	.00086	.0267	.00295	.0432	.145	.00021	.00846
%RSD	1.0338	2.8069	.93949	.75700	2.8855	.72352	.36819	31.275

#1	.22943	.03127	2.8657	.38735	1.5269	20.141	.05802	-.02107
#2	.22610	.03005	2.8278	.39152	1.4658	19.936	.05772	-.03303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.219	2.7956	.07001	7.2078	.13015	5.654	.31068	<.00000
Stddev	.640	.0009	.00094	.0488	.00252	.047	.00139	.21551
%RSD	1.1188	.03109	1.3387	.67698	1.9357	.8231	.44793	1.8299

#1	57.672	2.7962	.07067	7.2423	.12836	5.687	.30970	-11.625
#2	56.766	2.7950	.06935	7.1733	.13193	5.621	.31167	-11.929

Sample Name: J5952-04 Acquired: 11/16/2018 17:25:30 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VTW-02(4-6) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	20.448
Stddev	.393
%RSD	1.9211

#1	20.170
#2	20.726

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.4	55237.	3705.3	105.97	3151.1
Stddev	43.2	186.	42.7	3.02	39.0
%RSD	1.2333	.33624	1.1537	2.8491	1.2384

#1	3475.8	55106.	3675.1	103.83	3123.5
#2	3537.0	55368.	3735.5	108.10	3178.6

Sample Name: J5952-05 Acquired: 11/16/2018 17:29:20 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VTW-03(4-6) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08485	.01347	1.7661	-.00059	.00599	107.49	1.4360	.01420
Stddev	.00080	.00094	.0144	.00366	.00080	.43	.0224	.00025
%RSD	.94495	6.9852	.81768	616.21	13.407	.39622	1.5590	1.7795
#1	.08428	.01414	1.7559	.00199	.00656	107.79	1.4519	.01438
#2	.08542	.01281	1.7763	-.00318	.00542	107.19	1.4202	.01402
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	118.01	.28477	.13263	.72099	231.53	2.1596	30.462
Stddev	.00062	1.27	.00069	.00170	.00062	3.30	.0017	.415
%RSD	35.321	1.0774	.24192	1.2784	.08664	1.4274	.07768	1.3620
#1	.00133	118.91	.28429	.13143	.72055	233.87	2.1608	30.756
#2	.00221	117.11	.28526	.13383	.72143	229.19	2.1585	30.169
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44579	.02911	2.6499	.88096	1.4049	18.508	.05025	-.02872
Stddev	.00242	.00083	.0545	.00034	.0158	.296	.00021	.00863
%RSD	.54395	2.8432	2.0583	.03810	1.1247	1.5999	.42343	30.056
#1	.44408	.02970	2.6885	.88073	1.4161	18.717	.05040	-.03483
#2	.44751	.02853	2.6114	.88120	1.3938	18.298	.05010	-.02262
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.704	3.1292	.07136	6.4082	.11326	4.066	.30007	<.00000
Stddev	.058	.0392	.00054	.0521	.00249	.026	.00598	.26516
%RSD	.39589	1.2515	.75921	.81280	2.2018	.6287	1.9939	2.3653
#1	14.663	3.1569	.07098	6.4450	.11502	4.048	.30430	-11.398
#2	14.745	3.1015	.07174	6.3714	.11149	4.084	.29584	-11.023

Sample Name: J5952-05 Acquired: 11/16/2018 17:29:20 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VTW-03(4-6) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	22.159
Stddev	.683
%RSD	3.0843

#1	21.676
#2	22.643

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.3	55193.	3626.3	104.60	3258.6
Stddev	6.6	65.	40.2	1.40	20.0
%RSD	.18780	.11773	1.1075	1.3346	.61444

#1	3520.6	55147.	3597.9	103.62	3272.7
#2	3530.0	55239.	3654.7	105.59	3244.4

Sample Name: J5952-06 Acquired: 11/16/2018 17:33:11 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12591	.01024	3.5695	-.00361	.01244	208.34	2.2993	.01403
Stddev	.00151	.00001	.0195	.00397	.00085	.67	.0249	.00001
%RSD	1.1958	.10754	.54510	110.09	6.8227	.32001	1.0848	.09844

#1	.12697	.01025	3.5557	-.00641	.01304	207.87	2.3170	.01402
#2	.12485	.01023	3.5832	-.00080	.01184	208.81	2.2817	.01404

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00861	145.04	.42067	.19429	.75771	376.10	6.1718	70.600
Stddev	.00023	.90	.00541	.00185	.00010	.44	.0147	.765
%RSD	2.7151	.62146	1.2872	.95445	.01299	.11578	.23883	1.0831

#1	.00844	145.68	.41684	.19298	.75764	375.79	6.1614	71.141
#2	.00877	144.40	.42450	.19560	.75778	376.41	6.1822	70.059

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46747	.04977	2.1472	.81842	2.5808	43.024	.02050	-.01515
Stddev	.00211	.00023	.0142	.00666	.0017	.312	.00038	.00464
%RSD	.45035	.46820	.66243	.81430	.06696	.72631	1.8643	30.632

#1	.46598	.04994	2.1572	.81371	2.5821	43.245	.02077	-.01187
#2	.46896	.04961	2.1371	.82313	2.5796	42.803	.02023	-.01843

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 17.160	5.4029	.16921	F 12.691	.26361	8.372	.22240	<.00000
Stddev	.078	.0211	.00148	.094	.00051	.030	.00732	.36659
%RSD	.45436	.39132	.87361	.73773	.19158	.3641	3.2925	1.7814

#1	17.105	5.4179	.16817	12.757	.26397	8.350	.22758	-20.320
#2	17.215	5.3880	.17026	12.625	.26326	8.393	.21723	-20.838

Sample Name: J5952-06 Acquired: 11/16/2018 17:33:11 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DUP-01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.493
 Stddev .695
 %RSD 5.1530

#1 13.984
 #2 13.001

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.3	56571.	3853.1	103.68	3008.9
Stddev	1.4	4.	37.4	.25	5.2
%RSD	.03763	.00686	.97110	.23948	.17130

#1	3613.2	56568.	3826.7	103.50	3012.5
#2	3611.3	56574.	3879.6	103.85	3005.2

Sample Name: J5963-01 Acquired: 11/16/2018 17:37:13 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12538	.02374	52.092	-.02546	.01729	137.05	6.9477	.01115
Stddev	.00161	.00009	.075	.00138	.00006	.24	.0224	.00013
%RSD	1.2862	.37900	.14474	5.4237	.35166	.17662	.32186	1.2013

#1	.12424	.02368	52.145	-.02448	.01724	136.88	6.9319	.01106
#2	.12652	.02381	52.039	-.02644	.01733	137.23	6.9635	.01125

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19938	247.00	F 2.0437	.27896	10.402	776.03	6.8697	76.905
Stddev	.00126	2.81	.0013	.00054	.008	8.92	.0063	.188
%RSD	.63105	1.1391	.06120	.19462	.07674	1.1499	.09250	.24404

#1	.20027	245.01	2.0428	.27858	10.408	769.72	6.8742	76.772
#2	.19849	248.99	2.0445	.27934	10.396	782.34	6.8652	77.037

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33824	.08881	1.9565	.92650	17.338	5.1325	.00454	.12258
Stddev	.00104	.00124	.0116	.00095	.124	.0599	.00031	.01217
%RSD	.30800	1.3998	.59020	.10306	.71257	1.1661	6.7848	9.9295

#1	.33898	.08793	1.9484	.92718	17.250	5.0902	.00432	.11397
#2	.33750	.08968	1.9647	.92583	17.425	5.1748	.00476	.13119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5025	2.4968	.10504	4.5366	.20006	F 12.45	-.48731	<.00000
Stddev	.0183	.0213	.00170	.0333	.00258	.04	.01044	.69954
%RSD	.21551	.85120	1.6157	.73507	1.2912	.3604	2.1420	1.6066

#1	8.5155	2.5118	.10384	4.5130	.19823	12.48	-.47993	-44.035
#2	8.4896	2.4817	.10624	4.5602	.20189	12.42	-.49469	-43.046

Sample Name: J5963-01 Acquired: 11/16/2018 17:37:13 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FS-OILY-STON Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.9	56985.	3899.8	97.556	2799.5
Stddev	4.2	195.	8.2	.702	3.2
%RSD	.11692	.34268	.21065	.71967	.11503
#1	3594.8	56847.	3905.6	98.052	2797.2
#2	3588.9	57123.	3894.0	97.059	2801.8

Sample Name: J5964-01 Acquired: 11/16/2018 17:41:16 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02552	.00909	.21990	.05993	.00722	364.63	3.7237
Stddev	.00239	.00132	.00025	.00182	.00018	.03	.0431
%RSD	9.3732	14.500	.11251	3.0360	2.4890	.00912	1.1569

#1	.02383	.01003	.21973	.05864	.00709	364.65	3.7542
#2	.02721	.00816	.22008	.06121	.00735	364.60	3.6932

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02642	.00511	11.689	.45043	.43606	-.20735	555.87
Stddev	.00019	.00089	.185	.00176	.00273	.00373	6.17
%RSD	.73669	17.391	1.5834	.39097	.62499	1.7983	1.1101

#1	.02656	.00574	11.820	.45167	.43414	-.20472	551.50
#2	.02628	.00448	11.558	.44918	.43799	-.20999	560.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.833	96.805	.80648	.06827	11.772	.37127	2.1411
Stddev	.040	1.130	.00252	.00120	.133	.00004	.0102
%RSD	.36468	1.1669	.31269	1.7580	1.1334	.01040	.47803

#1	10.860	97.604	.80470	.06742	11.866	.37124	2.1339
#2	10.805	96.007	.80826	.06912	11.678	.37130	2.1484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.358	-.00131	.61875	1.2423	3.3131	.04613	6.6148
Stddev	.942	.00010	.00894	.0072	.0556	.00070	.0801
%RSD	1.2177	7.9891	1.4444	.58237	1.6767	1.5277	1.2114

#1	78.024	-.00139	.61243	1.2372	3.3524	.04564	6.6715
#2	76.692	-.00124	.62507	1.2474	3.2738	.04663	6.5582

Sample Name: J5964-01 Acquired: 11/16/2018 17:41:16 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LR-RBR-20003 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.60617	7.362	-.31268	<.00000	F<.00000
Stddev	.00679	.032	.00955	.69806	.45714
%RSD	1.1205	.4301	3.0531	1.5784	10.229

#1	.61098	7.339	-.30593	-43.733	-4.1460
#2	.60137	7.384	-.31943	-44.720	-4.7925

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6476.1	99538.	6906.0	98.124	2787.7
Stddev	9.4	281.	116.6	.372	2.8
%RSD	.14495	.28218	1.6878	.37930	.10067

#1	6482.7	99339.	6823.6	98.387	2789.7
#2	6469.4	99737.	6988.4	97.861	2785.7

Sample Name: CCV05 Acquired: 11/16/2018 17:45:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6935	5.0311	5.0489	5.1099	5.4385	10.228	10.120	.27471
Stddev	.0111	.0104	.0108	.0103	.0175	.354	.189	.01100
%RSD	.23592	.20574	.21369	.20226	.32247	3.4614	1.8679	4.0036
#1	4.7013	5.0384	5.0565	5.1173	5.4509	9.9775	9.9867	.26693
#2	4.6857	5.0238	5.0413	5.1026	5.4261	10.478	10.254	.28249
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5774	26.576	1.0948	2.4848	1.2770	4.5615	2.7245	24.321
Stddev	.0060	.615	.0447	.0027	.0038	.0205	.1121	.374
%RSD	.23305	2.3149	4.0779	.10825	.29659	.45026	4.1146	1.5375
#1	2.5816	26.141	1.0633	2.4867	1.2797	4.5469	2.6453	24.056
#2	2.5731	27.011	1.1264	2.4829	1.2744	4.5760	2.8038	24.585
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4920	1.2454	24.587	2.6680	2.5170	23.571	4.8410	4.9169
Stddev	.0046	.0472	.478	.1014	.0056	.467	.0112	.1103
%RSD	.18406	3.7913	1.9451	3.8007	.22278	1.9801	.23062	2.2434
#1	2.4952	1.2120	24.249	2.5963	2.5131	23.241	4.8489	4.8389
#2	2.4888	1.2788	24.925	2.7397	2.5210	23.901	4.8331	4.9949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7357	4.7301	4.6774	4.9576	5.0962	5.001	5.0072	F 2.3667
Stddev	.0061	.1165	.0031	.0732	.1009	.011	.0945	.4483
%RSD	.12812	2.4638	.06610	1.4759	1.9790	.2249	1.8882	18.943
#1	4.7400	4.6477	4.6752	4.9059	5.0249	5.009	4.9404	2.0496
#2	4.7314	4.8125	4.6796	5.0093	5.1675	4.993	5.0741	2.6837

Sample Name: CCV05 Acquired: 11/16/2018 17:45:20 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9763
Stddev .3291
%RSD 11.059

#1 2.7436
#2 3.2090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3313.4	51866.	3328.9	105.13	3292.4
Stddev	10.5	1642.	58.6	.23	9.5
%RSD	.31790	3.1654	1.7594	.22228	.28877

#1	3305.9	53027.	3370.3	105.29	3285.7
#2	3320.8	50705.	3287.5	104.96	3299.2

Sample Name: CCB05 Acquired: 11/16/2018 17:49:05 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14205 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	.00082	.00245	-.00152	.00061	.01320	-.00062	.00000
Stddev	.00117	.00064	.00037	.00121	.00248	.00081	.00028	.00003
%RSD	188.85	78.131	15.169	79.751	408.23	6.1112	45.640	1541.4
#1	-.00145	.00037	.00218	-.00237	.00236	.01377	-.00082	.00003
#2	.00021	.00127	.00271	-.00066	-.00114	.01263	-.00042	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01087	-.00073	-.00011	.00009	-.00713	-.00002	.03255
Stddev	.00006	.01338	.00036	.00016	.00044	.00475	.00004	.03951
%RSD	330.17	123.03	49.015	152.85	489.79	66.698	154.10	121.37
#1	-.00003	.00141	-.00048	.00001	-.00022	-.00376	-.00005	.06049
#2	.00006	.02033	-.00098	-.00022	.00040	-.01049	.00000	.00462
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00020	-.08247	.00002	-.00017	-.00354	.00048	.00289
Stddev	.00006	.00052	.00205	.00006	.00014	.01730	.00003	.00767
%RSD	44.621	259.26	2.4798	276.68	85.472	488.78	5.5282	265.77
#1	.00017	.00057	-.08392	.00007	-.00007	-.01577	.00050	.00831
#2	.00009	-.00017	-.08102	-.00002	-.00026	.00869	.00046	-.00254
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00409	.00018	.00138	.00058	.0001	.00003	F 1.0926
Stddev	.00025	.00134	.00012	.00156	.00102	.0011	.00016	.2096
%RSD	25.623	32.648	66.070	112.98	174.81	875.6	618.10	19.182
#1	.00115	.00315	.00026	.00248	.00131	.0009	-.00009	1.2407
#2	.00080	.00504	.00010	.00028	-.00014	-.0006	.00014	.94436

Sample Name: CCB05 Acquired: 11/16/2018 17:49:05 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14205 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.2692
 Stddev .1960
 %RSD 15.446

#1 1.1306
 #2 1.4078

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.7	53872.	3325.8	107.06	3746.2
Stddev	6.7	229.	23.6	1.37	8.0
%RSD	.19620	.42498	.70995	1.2789	.21439

#1	3425.9	53710.	3309.1	106.09	3751.9
#2	3435.4	54034.	3342.5	108.03	3740.5

Sample Name: J5964-04 Acquired: 11/16/2018 17:53:10 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LR-RBR-20002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04087	.01002	.44316	.02175	.01188	458.72	4.7603
Stddev	.00200	.00061	.00186	.00448	.00207	.04	.0006
%RSD	4.8874	6.0971	.41897	20.587	17.459	.00798	.01162

#1	.03946	.00959	.44447	.02492	.01335	458.69	4.7599
#2	.04228	.01045	.44185	.01858	.01041	458.74	4.7607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02807	.00567	102.01	.49873	.39472	-.03625	569.51
Stddev	.00029	.00021	.63	.00078	.00178	.00291	3.41
%RSD	1.0177	3.7227	.61588	.15688	.45139	8.0185	.59962

#1	.02827	.00582	102.45	.49928	.39346	-.03419	567.10
#2	.02787	.00552	101.56	.49818	.39598	-.03830	571.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9922	113.44	.74523	.06899	12.202	.58797	2.0275
Stddev	.0673	.20	.00466	.00021	.001	.00289	.0004
%RSD	.67314	.17394	.62518	.29841	.00560	.49207	.02099

#1	10.040	113.58	.74194	.06884	12.201	.58593	2.0272
#2	9.9447	113.30	.74853	.06913	12.202	.59002	2.0278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.110	.00105	.39473	5.5614	4.4476	.04845	6.9542
Stddev	.046	.00003	.01262	.0165	.1300	.00142	.0095
%RSD	.06021	3.0200	3.1984	.29707	2.9226	2.9254	.13665

#1	76.078	.00103	.38580	5.5497	4.5395	.04946	6.9475
#2	76.143	.00107	.40365	5.5731	4.3556	.04745	6.9609

Sample Name: J5964-04 Acquired: 11/16/2018 17:53:10 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LR-RBR-20002 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.68625	8.088	.15496	<.00000	F<.00000
Stddev	.00138	.029	.00257	.95873	.73540
%RSD	.20113	.3558	1.6560	2.6186	8.3494
#1	.68722	8.068	.15677	-35.934	-9.3279
#2	.68527	8.108	.15314	-37.290	-8.2878
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4831.4	75018.	5215.1	96.976	2707.9
Stddev	9.2	277.	34.7	.138	4.6
%RSD	.19094	.36878	.66598	.14209	.17028
#1	4824.9	74823.	5190.5	96.878	2711.2
#2	4837.9	75214.	5239.6	97.073	2704.7

Sample Name: J5975-01 Acquired: 11/16/2018 17:57:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VB44949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09394	.00983	1.6943	-.00235	.01083	224.63	1.4322	.01180
Stddev	.00374	.00145	.0010	.00323	.00080	2.10	.0046	.00003
%RSD	3.9833	14.708	.05910	137.55	7.4170	.93667	.31997	.21336
#1	.09129	.00881	1.6950	-.00006	.01139	226.12	1.4290	.01182
#2	.09659	.01085	1.6936	-.00463	.01026	223.15	1.4355	.01178
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	102.92	.53208	.22975	.93336	421.77	6.0087	80.199
Stddev	.00016	.20	.00571	.00051	.00670	3.70	.0630	.444
%RSD	3.1405	.18959	1.0738	.22068	.71812	.87835	1.0491	.55359
#1	.00527	102.79	.53612	.23011	.93810	419.15	6.0533	79.885
#2	.00504	103.06	.52804	.22939	.92862	424.39	5.9641	80.513
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60494	.05335	10.857	.59531	2.6241	27.570	.03207	.10944
Stddev	.00193	.00033	.037	.00524	.0153	.035	.00012	.00533
%RSD	.31874	.61278	.33936	.88066	.58317	.12856	.38594	4.8684
#1	.60358	.05312	10.831	.59901	2.6133	27.545	.03198	.10567
#2	.60631	.05359	10.883	.59160	2.6349	27.595	.03215	.11321
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.046	5.3225	.11039	8.0799	.21649	F 12.70	.02461	<.00000
Stddev	.036	.0570	.00077	.0138	.00012	.01	.00082	.37140
%RSD	.11685	1.0715	.69416	.17070	.05379	.0893	3.3172	1.5261
#1	31.071	5.3628	.10985	8.0702	.21657	12.69	.02519	-24.600
#2	31.020	5.2821	.11093	8.0897	.21640	12.71	.02403	-24.074

Sample Name: J5975-01 Acquired: 11/16/2018 17:57:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: VB44949 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.9867
Stddev	.0004
%RSD	.00671

#1	5.9869
#2	5.9864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.3	61201.	4125.2	101.53	2997.4
Stddev	2.5	417.	14.6	.61	4.4
%RSD	.06356	.68192	.35400	.59684	.14624

#1	3945.1	60906.	4135.5	101.96	3000.5
#2	3941.5	61496.	4114.9	101.10	2994.3

Sample Name: J5971-01 Acquired: 11/16/2018 18:01:13 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00130	.06031	-.00121	-.00075	2.9427	.10591	.00033
Stddev	.00098	.00001	.00006	.00101	.00006	.0022	.00076	.00009
%RSD	855.02	.84359	.10126	82.964	8.0615	.07360	.71746	27.869

#1	.00058	.00129	.06027	-.00050	-.00071	2.9443	.10644	.00027
#2	-.00081	.00131	.06035	-.00193	-.00079	2.9412	.10537	.00040

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	63.840	.00903	.00333	.04342	12.227	.33275	6.0473
Stddev	.00008	.069	.00039	.00003	.00037	.053	.00073	.0634
%RSD	111.49	.10823	4.3018	.87644	.85150	.43597	.22072	1.0482

#1	.00013	63.889	.00930	.00335	.04316	12.265	.33223	6.0921
#2	.00002	63.791	.00875	.00331	.04369	12.190	.33327	6.0024

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00875	.00189	15.942	.00792	.73912	4.8259	.00203	.02551
Stddev	.00033	.00020	.032	.00019	.00003	.0045	.00004	.00121
%RSD	3.7321	10.383	.20378	2.4577	.00454	.09242	2.1220	4.7497

#1	.00852	.00175	15.965	.00778	.73910	4.8290	.00206	.02637
#2	.00898	.00203	15.919	.00806	.73914	4.8227	.00200	.02465

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2143	7.0866	.00077	.11718	.00469	1.000	.17201	1.9770
Stddev	.0290	.0081	.00019	.00231	.00192	.000	.00014	.0225
%RSD	.46719	.11453	25.118	1.9733	40.965	.0230	.08337	1.1395

#1	6.1938	7.0923	.00091	.11555	.00605	1.000	.17211	1.9930
#2	6.2348	7.0808	.00064	.11882	.00333	1.001	.17191	1.9611

Sample Name: J5971-01 Acquired: 11/16/2018 18:01:13 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4220
 Stddev .8938
 %RSD 26.119

#1 4.0540
 #2 2.7900

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.0	54049.	3435.2	111.36	3644.5
Stddev	32.5	7.	2.6	.02	18.8
%RSD	.94800	.01216	.07432	.02244	.51636

#1	3408.0	54044.	3433.4	111.34	3631.2
#2	3454.0	54053.	3437.0	111.38	3657.8

Sample Name: J5971-01DUP Acquired: 11/16/2018 18:05:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7704 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	.00055	.05884	-.00039	-.00129	2.9905	.10689	.00024
Stddev	.00051	.00031	.00083	.00105	.00047	.0467	.00069	.00004
%RSD	17.796	56.343	1.4094	269.87	36.356	1.5621	.64302	15.790

#1	.00325	.00077	.05943	-.00113	-.00162	3.0236	.10738	.00021
#2	.00252	.00033	.05825	.00035	-.00096	2.9575	.10640	.00026

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	63.957	.00881	.00349	.04404	12.233	.32637	6.0156
Stddev	.00006	.042	.00034	.00012	.00034	.027	.00711	.0308
%RSD	74.906	.06560	3.8978	3.4194	.77168	.21787	2.1788	.51135

#1	.00004	63.928	.00906	.00341	.04380	12.252	.33140	6.0373
#2	.00012	63.987	.00857	.00357	.04428	12.215	.32135	5.9938

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00889	.00184	15.886	.00766	.72954	4.8618	.00197	.03047
Stddev	.00007	.00002	.063	.00016	.00380	.0121	.00052	.00030
%RSD	.80997	.94698	.39936	2.1365	.52051	.24940	26.236	.96833

#1	.00894	.00182	15.931	.00778	.72686	4.8533	.00160	.03026
#2	.00884	.00185	15.842	.00755	.73223	4.8704	.00233	.03068

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1943	7.1020	.00071	.12777	.00422	.9996	.17180	2.2926
Stddev	.0254	.0602	.00114	.00480	.00054	.0022	.00075	.5706
%RSD	.40987	.84821	159.28	3.7567	12.766	.2245	.43703	24.889

#1	6.1764	7.1446	-.00009	.12437	.00384	.9980	.17233	2.6961
#2	6.2123	7.0594	.00152	.13116	.00460	1.001	.17127	1.8891

Sample Name: J5971-01DUP Acquired: 11/16/2018 18:05:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7704 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6490
Stddev .2168
%RSD 8.1851

#1 2.8023
#2 2.4957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.5	54612.	3440.1	111.29	3635.0
Stddev	15.3	964.	12.7	.24	6.7
%RSD	.44834	1.7645	.36918	.21229	.18513

#1	3430.3	53930.	3449.1	111.46	3630.3
#2	3408.7	55293.	3431.2	111.13	3639.8

Sample Name: J5971-01LX5 Acquired: 11/16/2018 18:09:11 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14206 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	.00072	.01369	-.00162	-.00096	.60778	.02098	.00021
Stddev	.00096	.00013	.00001	.00352	.00231	.00573	.00054	.00003
%RSD	60.706	18.630	.09365	216.92	239.76	.94311	2.5629	14.390

#1	.00227	.00062	.01370	.00087	.00067	.61183	.02136	.00023
#2	.00091	.00081	.01368	-.00411	-.00259	.60373	.02060	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	13.010	.00118	.00066	.00900	2.4605	.06919	1.2152
Stddev	.00007	.069	.00019	.00016	.00031	.0380	.00031	.0573
%RSD	575.51	.52683	16.044	23.848	3.4919	1.5440	.44860	4.7166

#1	.00006	13.059	.00105	.00077	.00878	2.4337	.06897	1.2558
#2	-.00004	12.962	.00131	.00054	.00922	2.4874	.06941	1.1747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00007	3.1638	.00137	.14814	.98536	.00053	.00671
Stddev	.00021	.00017	.0181	.00012	.00391	.00907	.00005	.00061
%RSD	10.500	238.95	.57193	8.4449	2.6408	.92006	8.8448	9.1005

#1	.00182	.00019	3.1766	.00145	.14538	.97895	.00049	.00628
#2	.00211	-.00005	3.1510	.00129	.15091	.99177	.00056	.00714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2227	1.5190	-.00004	.02670	.00126	.1971	.03498	1.4337
Stddev	.0013	.0041	.00047	.00325	.00027	.0025	.00032	.2790
%RSD	.10533	.27076	1200.3	12.169	21.673	1.290	.90591	19.459

#1	1.2217	1.5219	-.00037	.02899	.00145	.1953	.03520	1.2364
#2	1.2236	1.5161	.00029	.02440	.00107	.1989	.03476	1.6310

Sample Name: J5971-01LX5 Acquired: 11/16/2018 18:09:11 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14206 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3269
Stddev	.2367
%RSD	17.836

#1	1.4943
#2	1.1596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.0	54405.	3372.1	111.31	3718.1
Stddev	7.5	368.	10.9	2.16	4.0
%RSD	.21800	.67684	.32380	1.9375	.10673

#1	3417.8	54666.	3364.4	112.84	3715.3
#2	3428.3	54145.	3379.8	109.79	3720.9

Sample Name: J5971-01MS Acquired: 11/16/2018 18:13:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14206 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74516	1.9803	1.0499	1.7653	.87323	5.8116	.33382	.23045	.19900
Stddev	.00598	.0001	.0002	.0120	.00511	.0241	.00453	.00061	.00023
%RSD	.80257	.00766	.01520	.68093	.58560	.41522	1.3583	.26599	.11777

#1	.74093	1.9802	1.0500	1.7568	.86962	5.8287	.33061	.23088	.19883
#2	.74939	1.9804	1.0498	1.7738	.87685	5.7946	.33702	.23001	.19916

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.204	.45869	.20146	.36722	16.404	.58195	8.7623	.50438	.07565
Stddev	1.026	.00198	.00005	.00088	.432	.00314	.1108	.00141	.00022
%RSD	1.4612	.43074	.02533	.24035	2.6365	.54036	1.2644	.27877	.29122

#1	69.479	.46009	.20150	.36659	16.098	.58417	8.6839	.50338	.07580
#2	70.930	.45730	.20143	.36784	16.709	.57973	8.8406	.50537	.07549

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.542	.33746	.97490	15.298	.40714	.34965	6.6780	8.9885	.61587
Stddev	.255	.00213	.01459	.136	.00096	.00421	.0053	.0866	.00265
%RSD	1.2427	.63011	1.4963	.89070	.23681	1.2051	.07930	.96311	.43071

#1	20.361	.33897	.96458	15.202	.40646	.34667	6.6743	8.9273	.61399
#2	20.722	.33596	.98521	15.394	.40782	.35263	6.6818	9.0497	.61774

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34259	.22256	6.925	.39221	1.9232	2.1115
Stddev	.00683	.00490	.022	.00397	.0745	.4327
%RSD	1.9922	2.2017	.3130	1.0133	3.8716	20.492

#1	.33777	.21909	6.910	.38940	1.9759	2.4175
#2	.34742	.22602	6.941	.39502	1.8706	1.8055

Sample Name: J5971-01MS Acquired: 11/16/2018 18:13:12 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14206 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	3437.7	54706.	3382.3	108.29	3584.4
Stddev	16.9	275.	31.8	1.75	11.2
%RSD	.49154	.50203	.93976	1.6122	.31292
#1	3449.7	54512.	3404.8	109.52	3592.4
#2	3425.8	54900.	3359.8	107.05	3576.5

Sample Name: J5971-01MSD Acquired: 11/16/2018 18:17:00 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75012	1.9705	1.0428	1.7708	.86987	5.8540	.33086	.23253	.19790
Stddev	.01067	.0162	.0116	.0283	.00763	.0636	.00050	.00116	.00145
%RSD	1.4224	.82329	1.1121	1.5994	.87710	1.0872	.15046	.50054	.73243
#1	.75767	1.9819	1.0510	1.7908	.87526	5.8090	.33051	.23335	.19893
#2	.74258	1.9590	1.0346	1.7508	.86447	5.8990	.33121	.23171	.19688
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.439	.45983	.20040	.36674	15.917	.58610	8.6102	.50018	.07592
Stddev	.055	.00051	.00107	.00488	.024	.00259	.0092	.00528	.00004
%RSD	.07953	.11077	.53560	1.3317	.15148	.44113	.10624	1.0552	.05174
#1	69.478	.46019	.20116	.37019	15.900	.58793	8.6166	.50391	.07589
#2	69.400	.45947	.19964	.36329	15.934	.58428	8.6037	.49644	.07594
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.337	.34138	.94295	15.130	.40596	.34254	6.6521	8.9234	.61111
Stddev	.015	.00047	.00989	.001	.00606	.00684	.0464	.0186	.00500
%RSD	.07386	.13784	1.0491	.00986	1.4917	1.9960	.69679	.20795	.81793
#1	20.348	.34171	.94995	15.131	.41024	.33771	6.6849	8.9365	.61465
#2	20.326	.34105	.93596	15.129	.40168	.34738	6.6193	8.9103	.60758
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.34071	.22014	6.885	.38884	1.8883	2.3107			
Stddev	.00291	.00390	.045	.00020	.1841	.0633			
%RSD	.85525	1.7711	.6476	.05238	9.7504	2.7374			
#1	.33865	.21739	6.917	.38899	1.7581	2.2660			
#2	.34277	.22290	6.854	.38870	2.0185	2.3555			

Sample Name: J5971-01MSD Acquired: 11/16/2018 18:17:00 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.0	54126.	3412.6	111.54	3603.6
Stddev	50.0	27.	6.2	.87	25.0
%RSD	1.4529	.05007	.18029	.78279	.69379
#1	3407.6	54107.	3408.2	110.92	3585.9
#2	3478.4	54145.	3416.9	112.16	3621.3

Sample Name: J5971-01A Acquired: 11/16/2018 18:20:48 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74580	1.9731	1.0425	1.7593	.86362	5.9563	.32711	.23389	.19757
Stddev	.00019	.0050	.0097	.0064	.00005	.0398	.00276	.00306	.00132
%RSD	.02537	.25157	.93430	.36297	.00551	.66855	.84300	1.3097	.66563
#1	.74567	1.9766	1.0494	1.7639	.86365	5.9844	.32516	.23606	.19850
#2	.74594	1.9696	1.0356	1.7548	.86359	5.9281	.32906	.23173	.19664
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.775	.46421	.20052	.36462	15.914	.59193	8.4567	.50009	.07631
Stddev	.002	.00687	.00116	.00263	.141	.00996	.0530	.00320	.00127
%RSD	.00222	1.4798	.57811	.72076	.88723	1.6822	.62720	.64044	1.6658
#1	68.777	.46907	.20134	.36648	15.814	.59897	8.4192	.50235	.07721
#2	68.774	.45935	.19970	.36276	16.014	.58489	8.4942	.49782	.07542
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.043	.34393	.94116	14.925	.40405	.33183	6.6684	8.8763	.61215
Stddev	.065	.00563	.00694	.059	.00189	.01199	.0315	.0394	.00293
%RSD	.32593	1.6374	.73744	.39314	.46654	3.6130	.47191	.44442	.47869
#1	19.997	.34791	.93625	14.883	.40538	.32335	6.6906	8.9042	.61422
#2	20.089	.33995	.94607	14.966	.40272	.34030	6.6461	8.8484	.61008
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.34194	.21749	6.896	.38337	2.2553	2.2999			
Stddev	.00435	.00365	.026	.00132	.3324	.1530			
%RSD	1.2719	1.6793	.3723	.34354	14.740	6.6547			
#1	.33886	.21490	6.915	.38244	2.4903	2.1917			
#2	.34501	.22007	6.878	.38430	2.0202	2.4082			

Sample Name: J5971-01A Acquired: 11/16/2018 18:20:48 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.8	53530.	3445.4	111.68	3598.4
Stddev	24.2	609.	2.5	.93	24.1
%RSD	.69996	1.1377	.07385	.83567	.66901
#1	3445.6	53100.	3443.6	112.34	3581.4
#2	3479.9	53961.	3447.2	111.02	3615.5

Sample Name: J5971-02 Acquired: 11/16/2018 18:24:36 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00093	.04671	.00331	-.00193	2.4179	.08510	.00025
Stddev	.00161	.00047	.00016	.00289	.00209	.0250	.00058	.00005
%RSD	411.52	50.642	.34605	87.108	108.23	1.0341	.68450	21.418

#1	-.00153	.00060	.04683	.00535	-.00045	2.4356	.08551	.00029
#2	.00075	.00126	.04660	.00127	-.00341	2.4002	.08469	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	56.458	.00676	.00315	.02639	12.297	.31895	5.5580
Stddev	.00008	.610	.00039	.00049	.00070	.062	.00142	.0158
%RSD	67.720	1.0807	5.8119	15.424	2.6656	.50481	.44602	.28443

#1	-.00006	56.889	.00648	.00349	.02689	12.253	.31996	5.5691
#2	-.00016	56.027	.00704	.00280	.02589	12.341	.31794	5.5468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00693	.00156	14.368	.00696	.68914	3.5470	.00189	.02948
Stddev	.00017	.00004	.219	.00021	.00002	.0246	.00014	.00235
%RSD	2.4956	2.7069	1.5250	3.0136	.00358	.69271	7.1989	7.9560

#1	.00706	.00153	14.523	.00682	.68915	3.5644	.00179	.03114
#2	.00681	.00159	14.213	.00711	.68912	3.5296	.00198	.02782

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4332	6.4324	.00141	.09588	.00424	.9103	.15183	1.9419
Stddev	.0224	.0514	.00099	.00554	.00063	.0047	.00205	.0254
%RSD	.92178	.79915	70.492	5.7754	14.928	.5160	1.3475	1.3079

#1	2.4491	6.4688	.00071	.09979	.00468	.9136	.15328	1.9599
#2	2.4174	6.3961	.00211	.09196	.00379	.9070	.15038	1.9240

Sample Name: J5971-02 Acquired: 11/16/2018 18:24:36 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5498
Stddev .4859
%RSD 19.056

#1 2.8934
#2 2.2062

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.5	54263.	3484.8	112.77	3647.5
Stddev	21.0	330.	27.6	.03	24.7
%RSD	.61195	.60730	.79229	.02825	.67781

#1	3409.7	54030.	3465.3	112.79	3630.0
#2	3439.3	54496.	3504.3	112.75	3665.0

Sample Name: J5973-01 Acquired: 11/16/2018 18:28:36 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00317	.00011	.00545	.00092	-.00406	.00229	.14585	.00007
Stddev	.00208	.00128	.00022	.00066	.00080	.01413	.00115	.00005
%RSD	65.593	1158.5	4.0351	71.638	19.758	617.63	.78739	72.467

#1	.00170	.00102	.00529	.00139	-.00349	.01228	.14666	.00004
#2	.00465	-.00080	.00560	.00046	-.00462	-.00771	.14504	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	181.68	-.00090	-.00069	.00078	-.05866	.00024	74.055
Stddev	.00010	1.87	.00060	.00004	.00036	.00357	.00005	.053
%RSD	46.191	1.0273	66.640	5.7933	46.547	6.0817	19.752	.07164

#1	-.00029	183.00	-.00048	-.00072	.00104	-.06118	.00027	74.093
#2	-.00015	180.36	-.00133	-.00066	.00052	-.05613	.00021	74.018

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.00047	846.88	.00068	.03382	32.218	.01446	.39265
Stddev	.00021	.00070	19.76	.00036	.00036	.274	.00031	.00512
%RSD	8.7619	146.91	2.3337	53.142	1.0513	.85103	2.1296	1.3031

#1	-.00252	-.00097	860.85	.00043	.03408	32.412	.01424	.39627
#2	-.00223	.00002	832.90	.00094	.03357	32.024	.01468	.38903

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.822	F 14.879	-.01452	-.00412	.02534	.0634	1.0829	6.7446
Stddev	.127	.082	.00031	.00005	.00235	.0023	.0081	.2734
%RSD	.27763	.55084	2.1517	1.3318	9.2641	3.628	.75170	4.0532

#1	45.912	14.937	-.01429	-.00416	.02700	.0650	1.0886	6.9379
#2	45.732	14.821	-.01474	-.00408	.02368	.0618	1.0771	6.5513

Sample Name: J5973-01 Acquired: 11/16/2018 18:28:36 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0336
Stddev	.5598
%RSD	54.158

#1	.63779
#2	1.4295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.2	46453.	3223.3	103.25	2943.4
Stddev	1.2	510.	27.1	.74	2.8
%RSD	.04064	1.0969	.84132	.71847	.09663

#1	3042.1	46092.	3204.1	102.73	2941.4
#2	3040.3	46813.	3242.4	103.78	2945.4

Sample Name: CCV06 Acquired: 11/16/2018 18:32:44 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6600	5.0114	5.0241	5.0613	5.3960	10.383	10.186	.27479
Stddev	.0024	.0159	.0193	.0060	.0022	.185	.006	.00395
%RSD	.05130	.31689	.38313	.11806	.04177	1.7782	.06206	1.4381
#1	4.6616	5.0227	5.0377	5.0656	5.3944	10.253	10.182	.27200
#2	4.6583	5.0002	5.0105	5.0571	5.3976	10.514	10.191	.27759
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5598	27.046	1.0960	2.4645	1.2709	4.6659	2.7262	24.971
Stddev	.0100	.209	.0158	.0086	.0007	.0200	.0396	.122
%RSD	.39180	.77383	1.4414	.34766	.05598	.42802	1.4545	.48913
#1	2.5669	26.898	1.0848	2.4705	1.2714	4.6518	2.6982	24.884
#2	2.5527	27.194	1.1072	2.4584	1.2704	4.6801	2.7542	25.057
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4777	1.2488	24.637	2.6710	2.5608	24.000	4.8271	4.9957
Stddev	.0109	.0176	.025	.0376	.0137	.030	.0010	.0498
%RSD	.43918	1.4065	.09979	1.4081	.53343	.12634	.01965	.99596
#1	2.4854	1.2364	24.620	2.6444	2.5511	23.978	4.8277	4.9605
#2	2.4700	1.2613	24.655	2.6976	2.5705	24.021	4.8264	5.0309
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6791	4.8121	4.6538	5.0164	5.1459	4.968	5.0548	F 3.2283
Stddev	.0296	.0181	.0093	.0242	.0045	.015	.0013	.1426
%RSD	.63372	.37684	.20052	.48309	.08778	.3027	.02638	4.4184
#1	4.7001	4.7992	4.6604	4.9992	5.1491	4.978	5.0539	3.1274
#2	4.6582	4.8249	4.6472	5.0335	5.1427	4.957	5.0557	3.3291

Sample Name: CCV06 Acquired: 11/16/2018 18:32:44 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0470
Stddev .1699
%RSD 5.5768

#1 3.1672
#2 2.9269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.8	51912.	3287.3	103.33	3305.6
Stddev	11.4	500.	10.8	.22	21.3
%RSD	.34329	.96272	.32731	.21108	.64514

#1	3317.7	52265.	3279.7	103.49	3290.5
#2	3333.9	51558.	3294.9	103.18	3320.6

Sample Name: CCB06 Acquired: 11/16/2018 18:36:29 Type: Unk
Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00142	.00063	.00062	.00291	.02440	-.00064	.00002
Stddev	.00198	.00042	.00025	.00108	.00062	.00545	.00068	.00005
%RSD	188.50	29.395	40.271	174.21	21.234	22.342	106.98	237.66
#1	-.00035	.00171	.00045	.00138	.00335	.02826	-.00016	-.00001
#2	.00245	.00112	.00081	-.00014	.00248	.02055	-.00112	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00497	-.00028	.00022	.00055	-.00399	-.00003	.05745
Stddev	.00001	.00354	.00041	.00017	.00018	.01299	.00004	.00523
%RSD	14.132	71.287	150.14	76.477	33.180	325.56	142.94	9.1001
#1	-.00008	.00747	.00002	.00034	.00042	-.01317	.00000	.06115
#2	-.00006	.00246	-.00057	.00010	.00068	.00519	-.00005	.05376
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00010	.10808	-.00032	-.00044	.19174	.00061	.00534
Stddev	.00030	.00015	.01318	.00022	.00001	.00773	.00000	.00754
%RSD	291.78	148.78	12.194	69.462	2.1283	4.0322	.44633	141.15
#1	.00031	.00021	.11740	-.00016	-.00045	.18627	.00061	.01068
#2	-.00011	-.00001	.09877	-.00047	-.00043	.19721	.00061	.00001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00286	.00593	-.00022	.00351	F .00634	.0024	-.00008	F .52965
Stddev	.00517	.00169	.00002	.00067	.00002	.0011	.00000	.66487
%RSD	180.70	28.487	9.4160	19.110	.36950	45.95	5.6705	125.53
#1	.00652	.00713	-.00020	.00304	.00632	.0032	-.00009	.99979
#2	-.00079	.00474	-.00023	.00399	.00635	.0016	-.00008	.05952

Sample Name: CCB06 Acquired: 11/16/2018 18:36:29 Type: Unk
 Method: P4-ICP2(v2589) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0876
Stddev	.2311
%RSD	21.249

#1	1.2510
#2	.92419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.9	54583.	3266.4	107.10	3795.9
Stddev	.1	339.	117.2	2.09	1.0
%RSD	.00197	.62125	3.5869	1.9506	.02564

#1	3474.9	54343.	3183.5	105.63	3796.6
#2	3475.0	54823.	3349.2	108.58	3795.3