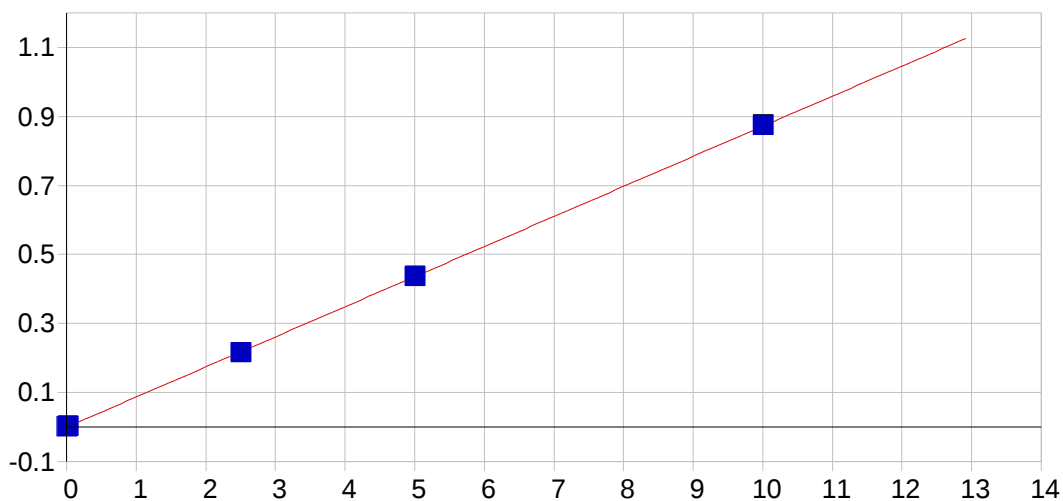


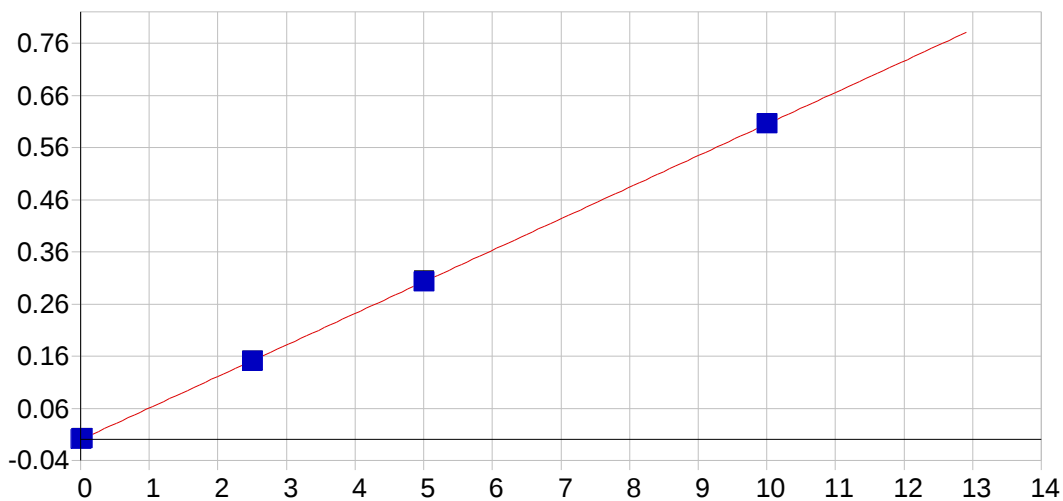


As 189.042 {478}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000214 Re-Slope: 1.000000
 A1 (Gain): 0.087178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002604
 Predicted MQL: 0.008680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02000	.01969	-.000	-1.55	.00150	.000	1
S3	2.5000	2.4662	-.034	-1.35	.21477	.000	1
S4	5.0000	5.0007	.001	.014	.43571	.000	1
S5	10.000	10.033	.033	.334	.87442	.001	1



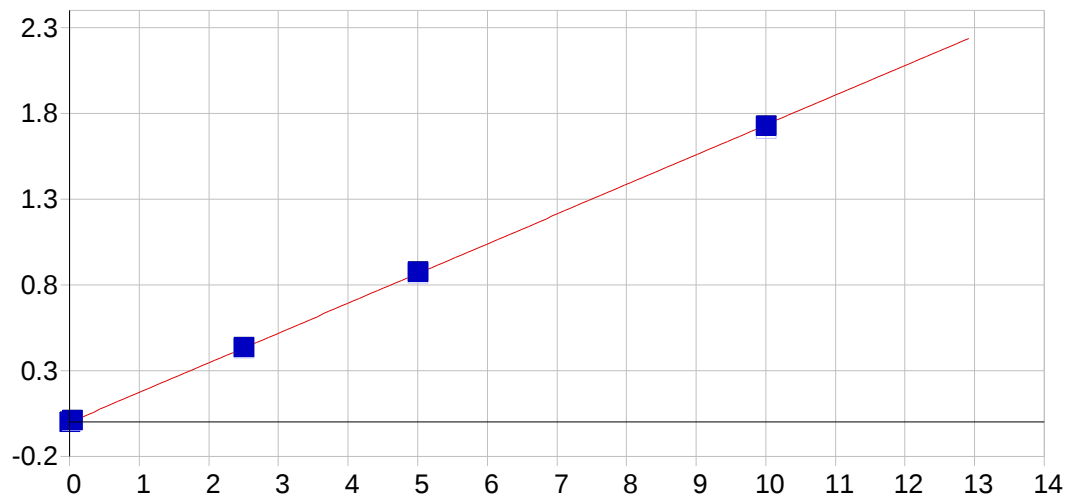
As 189.042 {479}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000

A1 (Gain): 0.060521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002423
 Predicted MQL: 0.008077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02000	.02135	.001	6.73	.00130	.000	1
S3	2.5000	2.4756	-.024	-.976	.14983	.001	1
S4	5.0000	5.0074	.007	.149	.30306	.000	1
S5	10.000	10.016	.016	.156	.60617	.000	1

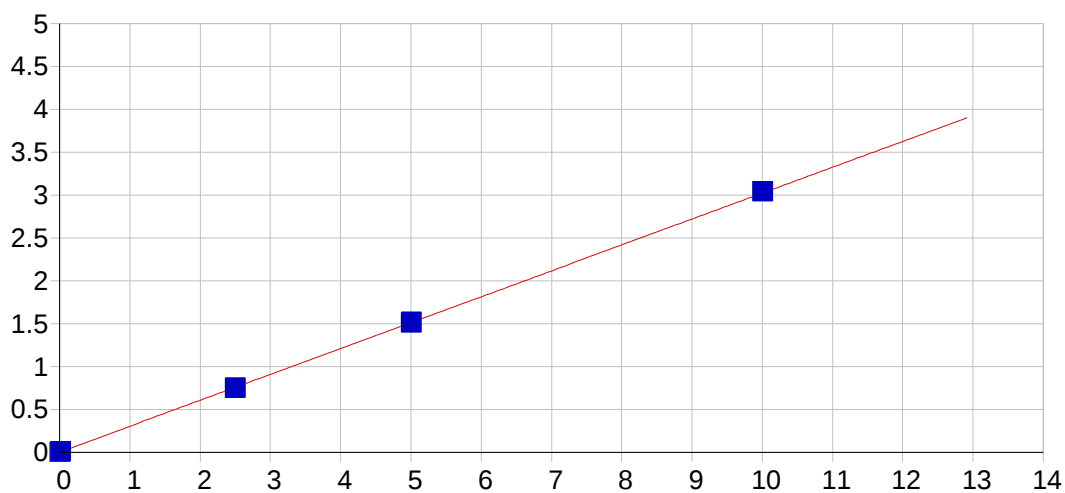


TI 190.856 {477}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000888 Re-Slope: 1.000000
 A1 (Gain): 0.173317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.001118
 Predicted MQL: 0.003727

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00089	.000	1
S1	.04000	.04658	.007	16.4	.00700	.000	1
S3	2.5000	2.5006	.001	.022	.42806	.000	1
S4	5.0000	5.0397	.040	.794	.86369	.002	1
S5	10.000	9.9533	-.047	-.467	1.7064	.002	1

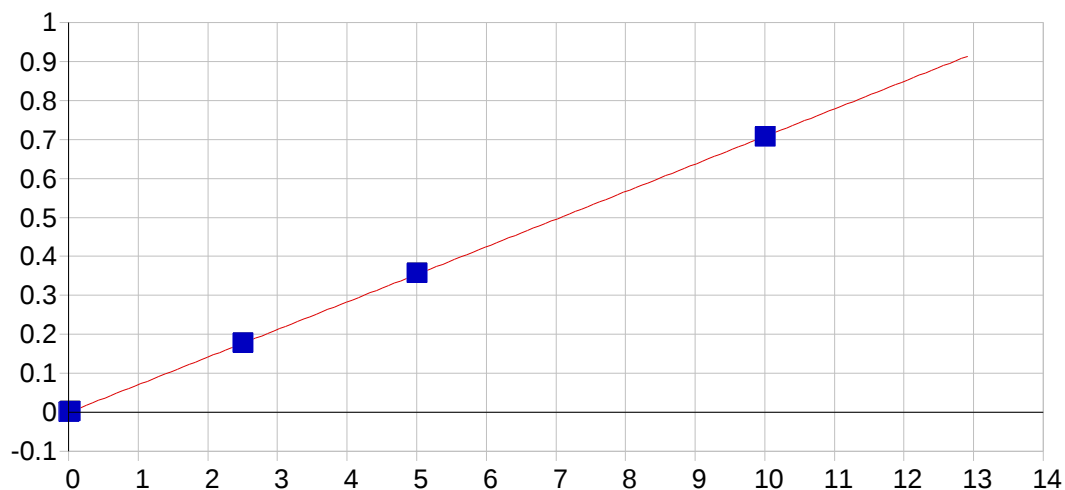


Pb 220.353 {453}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003105 Re-Slope: 1.000000
 A1 (Gain): 0.301979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.000992
 Predicted MQL: 0.003307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00310	.000	1
S1	.01200	.01292	.001	7.71	.00694	.000	1
S3	2.5000	2.4559	-.044	-1.76	.74369	.002	1
S4	5.0000	4.9937	-.006	-.125	1.5090	.005	1
S5	10.000	10.049	.049	.495	3.0337	.001	1



Se 196.090 {472}

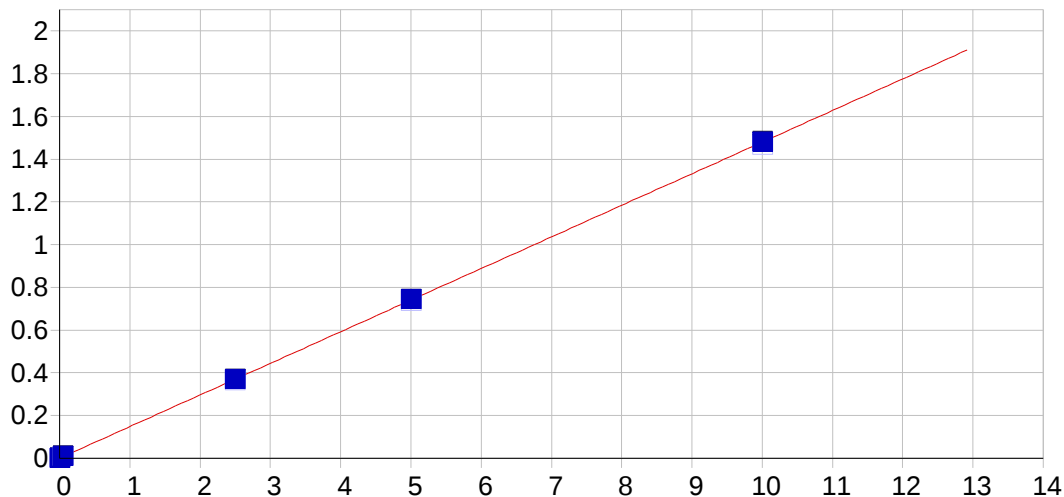
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.070762 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000008
 Predicted MDL: 0.002958
 Predicted MQL: 0.009860

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.02000	.01807	-.002	-9.66	.00124	.000	1
S3	2.5000	2.4977	-.002	-.091	.17668	.001	1
S4	5.0000	5.0293	.029	.586	.35580	.000	1
S5	10.000	9.9749	-.025	-.251	.70572	.000	1



Sb 206.833 {463}

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

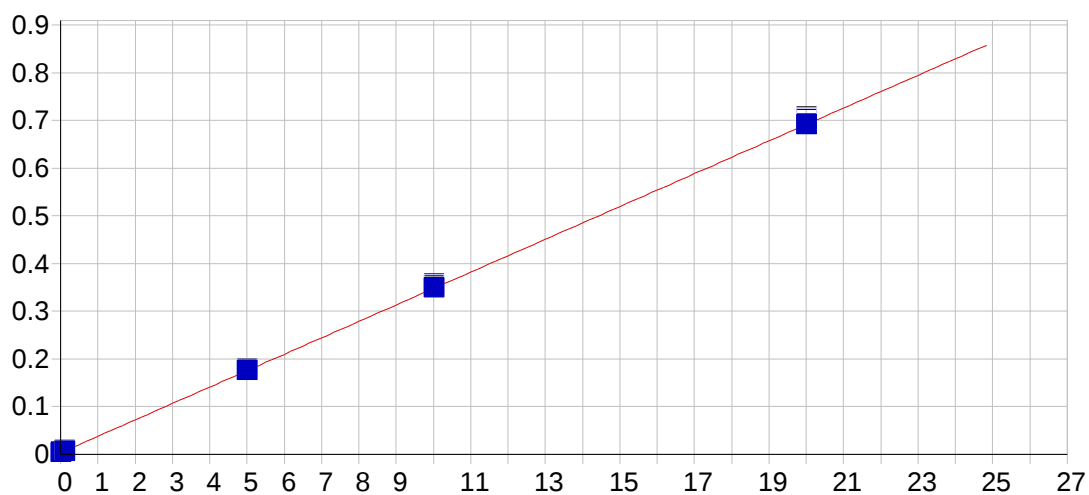
Weighting: 1/Conc

A0 (Offset): 0.000691
 A1 (Gain): 0.147926
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988
 Std Error of Est: 0.000027
 Predicted MDL: 0.001730
 Predicted MQL: 0.005767

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	.00069	.000	1
S1	.05000	.05375	.004	7.50	.00846	.000	1
S3	2.5000	2.4835	-.016	-.659	.36391	.001	1
S4	5.0000	5.0084	.008	.168	.73325	.001	1
S5	10.000	10.004	.004	.044	1.4640	.002	1

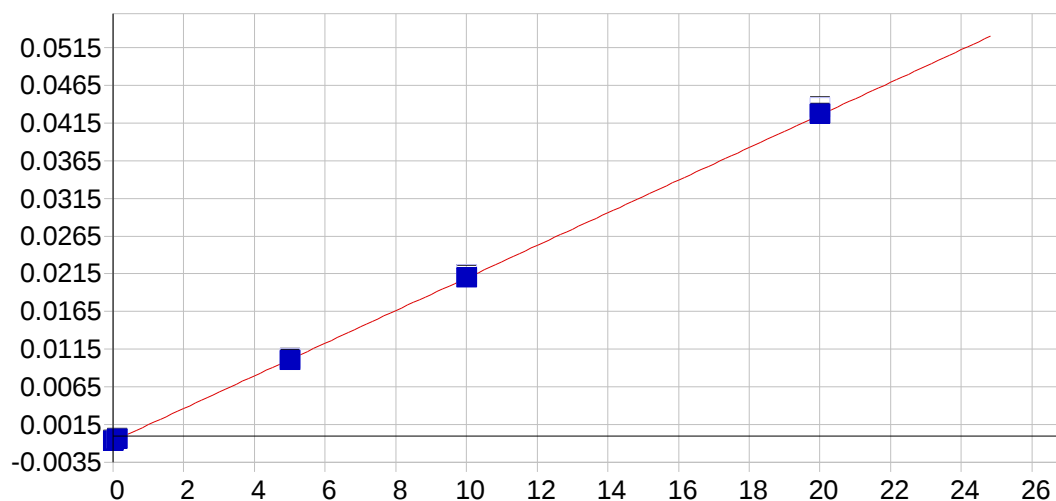


AI 308.215 {109}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003477 Re-Slope: 1.000000
 A1 (Gain): 0.034423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003262
 Predicted MQL: 0.010872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00348	.000	1
S1	.10000	.11022	.010	10.2	.00751	.000	1
S3	5.0000	4.9945	-.006	-.110	.17883	.000	1
S4	10.000	10.030	.030	.295	.35558	.001	1
S5	20.000	19.965	-.035	-.174	.70445	.002	1



AI 309.271 {109}

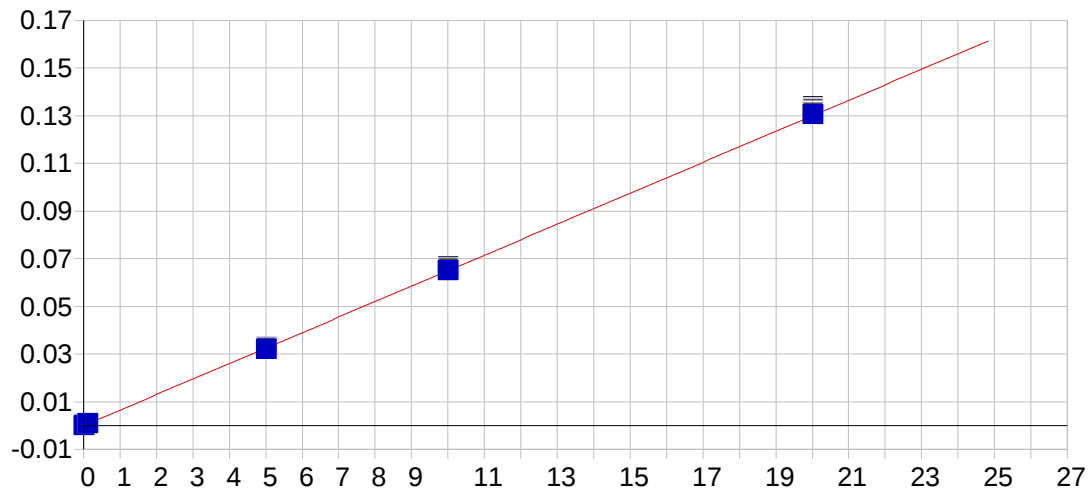
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000682 Re-Slope: 1.000000
 A1 (Gain): 0.002162 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984
 Std Error of Est: 0.000001
 Predicted MDL: 0.033533
 Predicted MQL: 0.111776

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00068	.000	1
S1	.10000	.10705	.007	7.05	-.00044	.000	1
S3	5.0000	4.9514	-.049	-.972	.01024	.000	1
S4	10.000	9.9839	-.016	-.161	.02134	.000	1
S5	20.000	20.057	.057	.287	.04355	.000	1

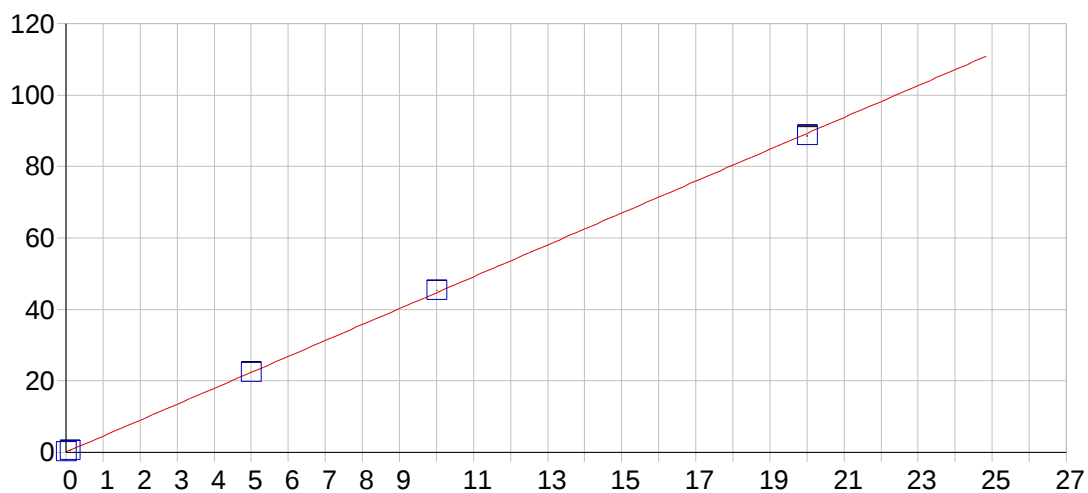


AI 396.152 { 85}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.006501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.015928
 Predicted MQL: 0.053094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.10000	.10779	.008	7.79	.00072	.000	1
S3	5.0000	4.9182	-.082	-1.64	.03259	.000	1
S4	10.000	10.001	.001	.014	.06628	.000	1
S5	20.000	20.072	.072	.361	.13305	.001	1

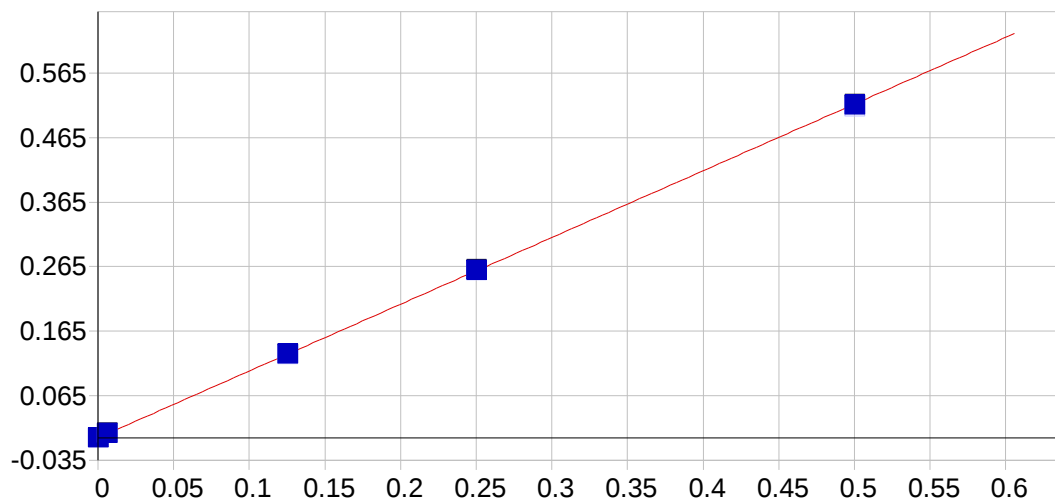


Ba 493.409 { 68}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.093173 Re-Slope: 1.000000
 A1 (Gain): 4.459221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.003599
 Predicted MDL: 0.000872
 Predicted MQL: 0.002906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.09313	.000	1
S1	.10000	.10957	.010	9.57	.58176	.001	1
S3	5.0000	5.0111	.011	.223	22.439	.103	1
S5	20.000	19.846	-.154	-.771	88.590	.244	1
S4	10.000	10.133	.133	1.33	45.281	.032	1



Be 234.861 {144}

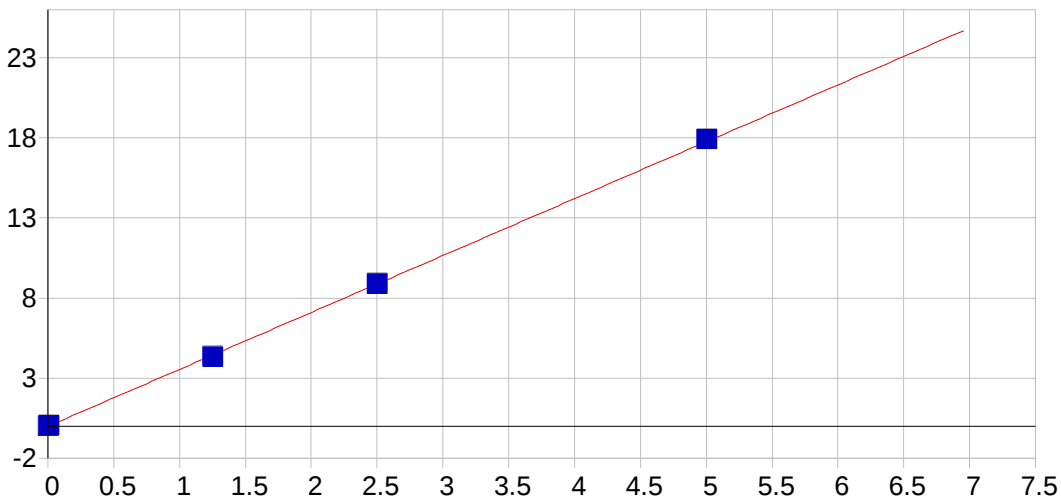
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 1.033955 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986
 Std Error of Est: 0.000016
 Predicted MDL: 0.000071
 Predicted MQL: 0.000236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00600	.00631	.000	5.10	.00644	.000	1
S3	.12500	.12505	.000	.038	.12847	.001	1
S4	.25000	.25113	.001	.451	.25802	.001	1
S5	.50000	.49852	-.001	-.296	.51218	.001	1



Cd 226.502 {449}

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

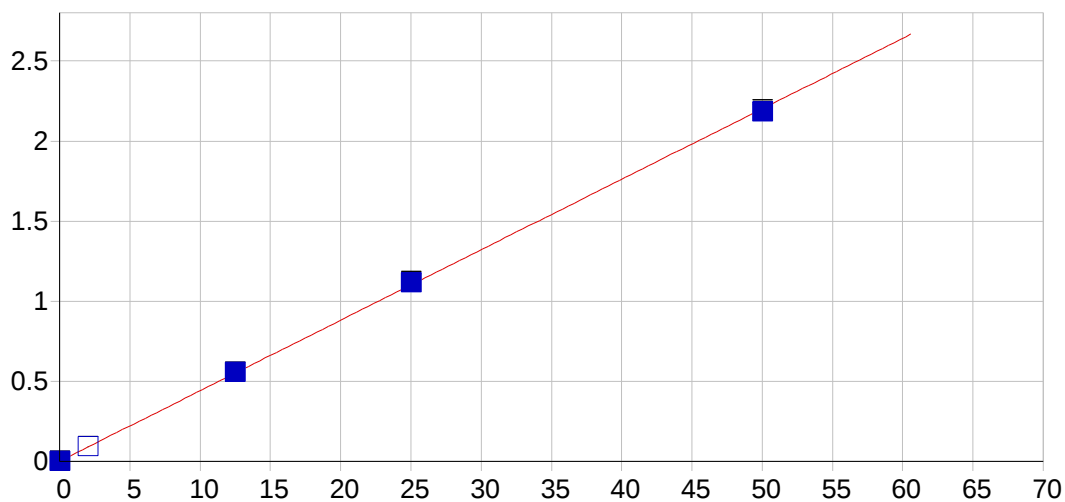
Weighting: 1/Conc

A0 (Offset): -0.001111
 A1 (Gain): 3.551479
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000354
 Predicted MDL: 0.000089
 Predicted MQL: 0.000297

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	-.00111	.000	1
S1	.00600	.00599	-.000	-.158	.02020	.000	1
S3	1.2500	1.2197	-.030	-2.43	4.3316	.000	1
S4	2.5000	2.4951	-.005	-.195	8.8623	.029	1
S5	5.0000	5.0352	.035	.704	17.885	.019	1

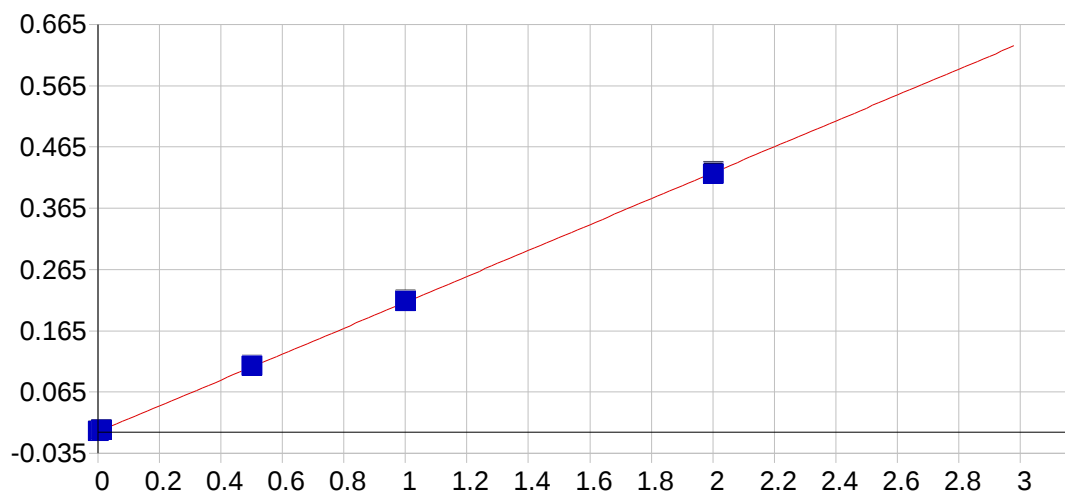


Ca 373.690 { 90}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001048 Re-Slope: 1.000000
 A1 (Gain): 0.044020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.021987
 Predicted MQL: 0.073290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1013	.101	5.07	.09355	.000	1
S0	.00000	-.00012	-.000	.000	.00104	.000	1
S3	12.500	12.599	.099	.795	.55596	.002	1
S4	25.000	25.289	.289	1.16	1.1149	.007	1
S5	50.000	49.510	-.490	-.980	2.1816	.014	1



Cr 267.716 {126}

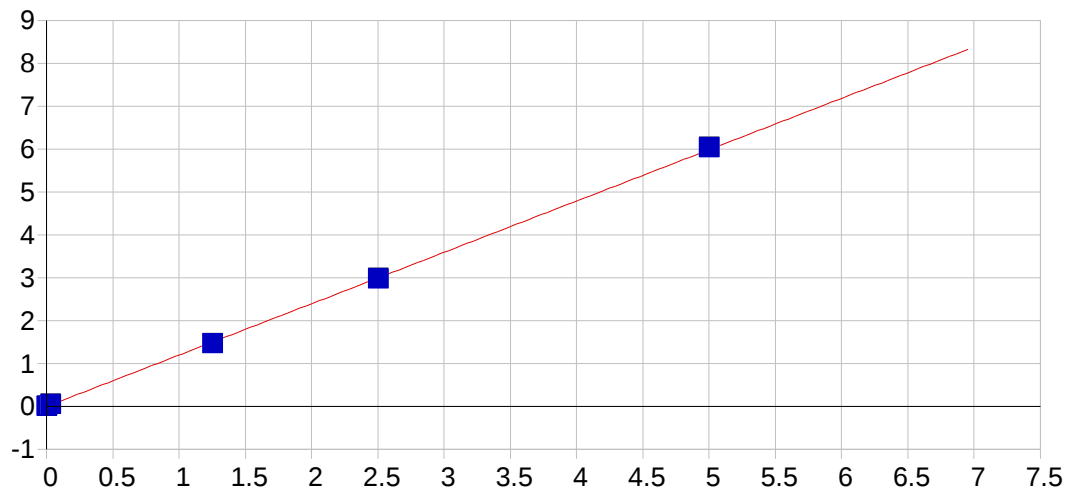
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.211434 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000013
 Predicted MDL: 0.000441
 Predicted MQL: 0.001471

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	.01083	.001	8.34	.00233	.000	1
S3	.50000	.50636	.006	1.27	.10788	.000	1
S4	1.0000	1.0042	.004	.417	.21392	.000	1
S5	2.0000	1.9886	-.011	-.568	.42365	.001	1



Co 228.616 {447}

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

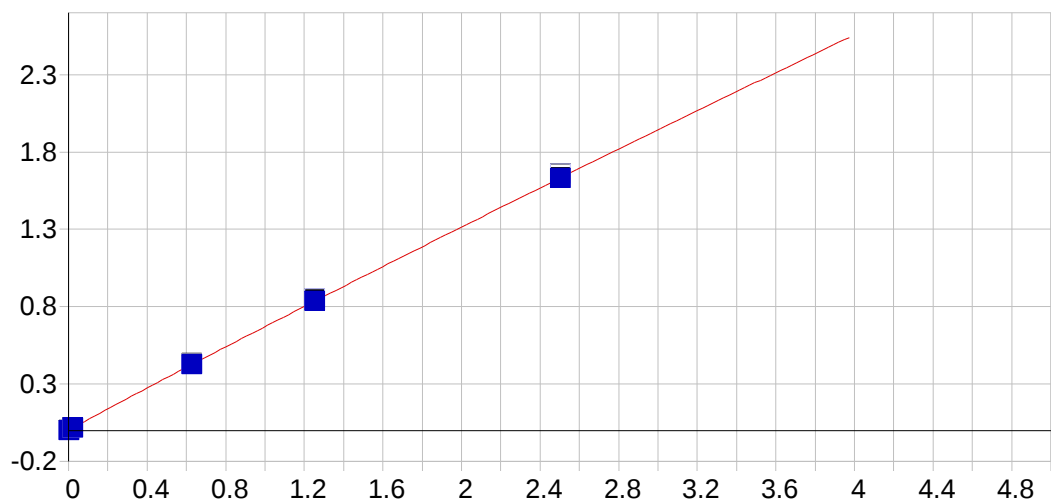
Weighting: 1/Conc

A0 (Offset): -0.000142
 A1 (Gain): 1.197561
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000323
 Predicted MDL: 0.000239
 Predicted MQL: 0.000797

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	-.00014	.000	1
S1	.03000	.03303	.003	10.1	.03917	.000	1
S3	1.2500	1.2196	-.030	-2.43	1.4616	.000	1
S4	2.5000	2.4863	-.014	-.547	2.9797	.007	1
S5	5.0000	5.0411	.041	.821	6.0415	.007	1

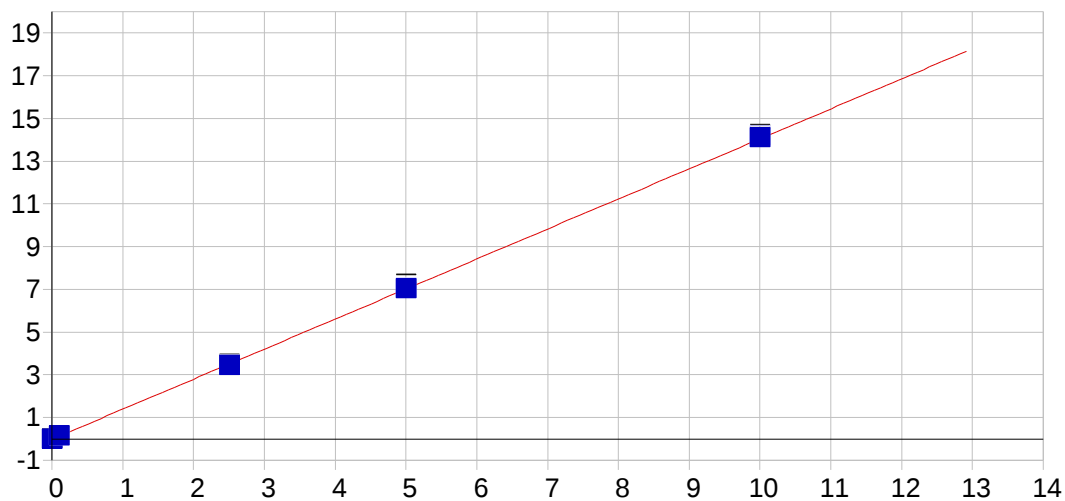


Cu 224.700 {450}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.676203 Y-int: 0.000000
 A2 (Curvature): -0.004876
 n (Exponent): 0.980000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000504
 Predicted MQL: 0.001681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02000	.01983	-.000	-.863	.01455	.000	1
S3	.62500	.62385	-.001	-.183	.43059	.001	1
S4	1.2500	1.2522	.002	.177	.84887	.002	1
S5	2.5000	2.4992	-.001	-.034	1.6571	.001	1



Fe 240.488 {140}

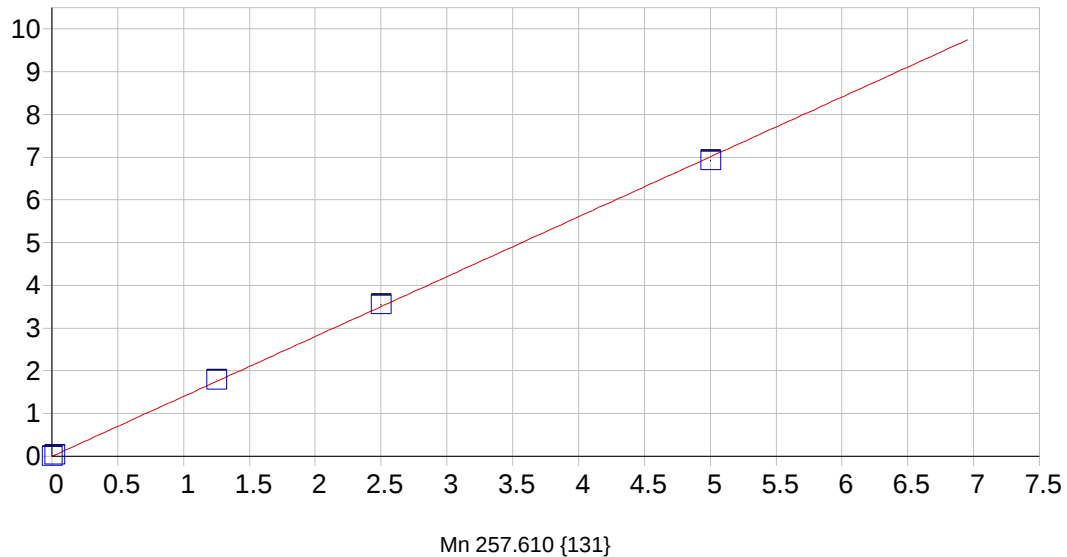
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014092 Re-Slope: 1.000000
 A1 (Gain): 1.405937 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000624
 Predicted MDL: 0.009469
 Predicted MQL: 0.031565

Status: OK.

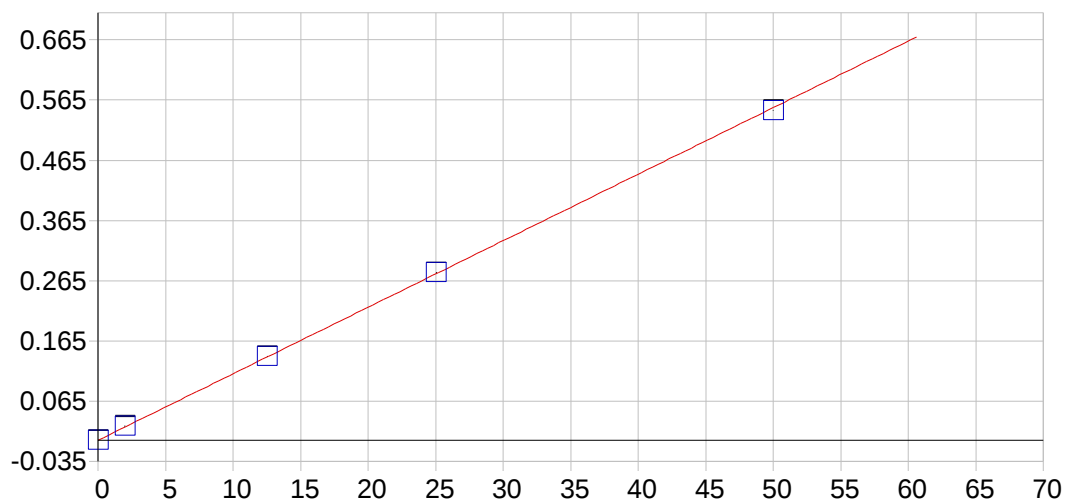
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01409	.003	1
S1	.10000	.10286	.003	2.86	.13121	.000	1
S3	2.5000	2.4527	-.047	-1.89	3.4520	.042	1
S4	5.0000	4.9987	-.001	-.027	7.0491	.191	1
S5	10.000	10.046	.046	.457	14.180	.071	1



Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000
 A1 (Gain): 1.401504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.000064
 Predicted MQL: 0.000215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02308	.003	15.4	.03251	.000	1
S3	1.2500	1.2768	.027	2.15	1.7896	.004	1
S4	2.5000	2.5318	.032	1.27	3.5485	.010	1
S5	5.0000	4.9383	-.062	-1.23	6.9212	.020	1

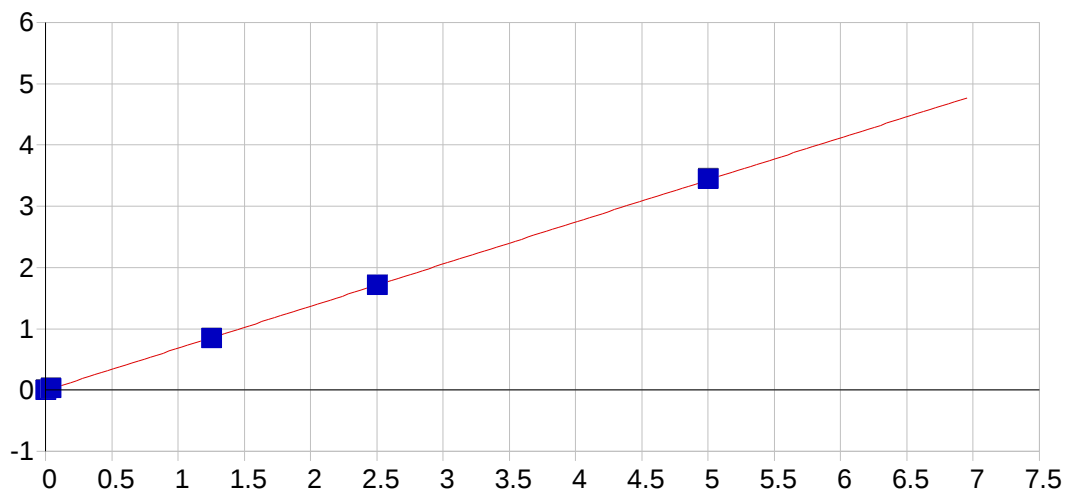


Mg 279.079 {121}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.011048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.045557
 Predicted MQL: 0.151857

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1191	.119	5.96	.02343	.001	1
S0	.00000	-.00013	-.000	.000	.00001	.000	1
S3	12.500	12.585	.085	.682	.13905	.000	1
S4	25.000	25.217	.217	.866	.27860	.000	1
S5	50.000	49.579	-.421	-.842	.54774	.001	1



Ni 231.604 {445}

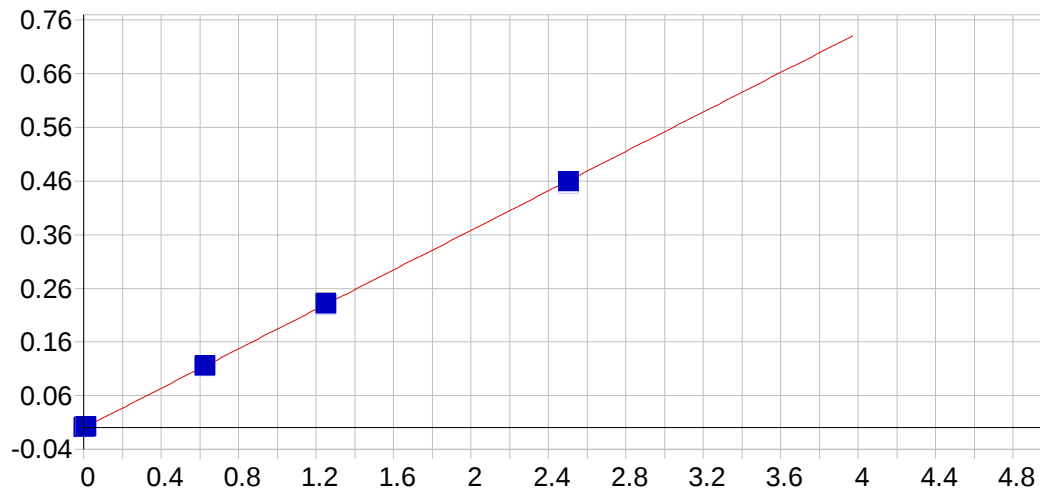
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006060 Re-Slope: 1.000000
 A1 (Gain): 0.687162 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958
 Std Error of Est: 0.000152
 Predicted MDL: 0.000439
 Predicted MQL: 0.001462

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00606	.000	1
S1	.04000	.04442	.004	11.0	.02448	.000	1
S3	1.2500	1.2342	-.016	-1.26	.84299	.001	1
S4	2.5000	2.4969	-.003	-.123	1.7116	.005	1
S5	5.0000	5.0144	.014	.288	3.4434	.007	1



Ag 328.068 {103}

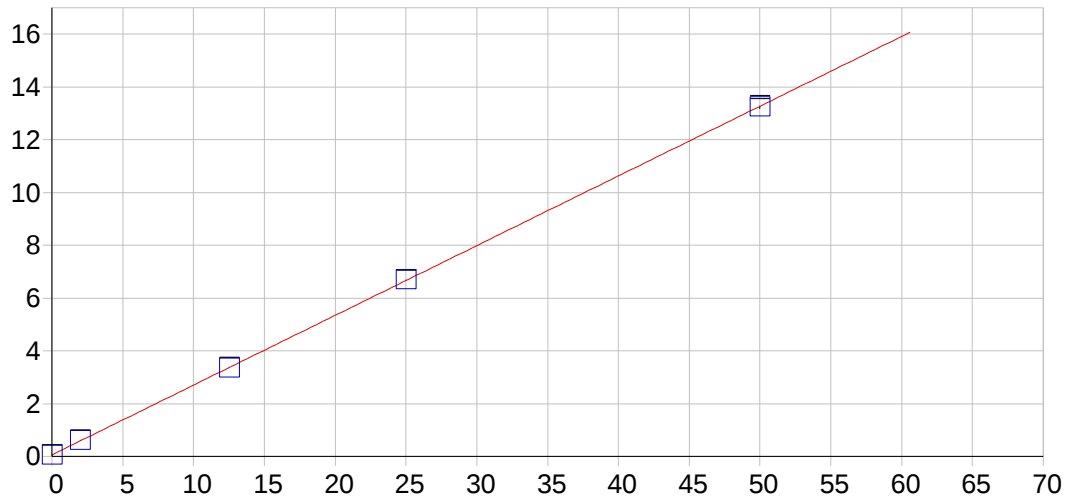
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037
 A1 (Gain): 0.183995
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000009
 Predicted MDL: 0.000717
 Predicted MQL: 0.002390

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01087	.001	8.67	.00200	.000	1
S3	.62500	.62641	.001	.226	.11399	.000	1
S4	1.2500	1.2557	.006	.457	.22847	.001	1
S5	2.5000	2.4920	-.008	-.320	.45334	.000	1

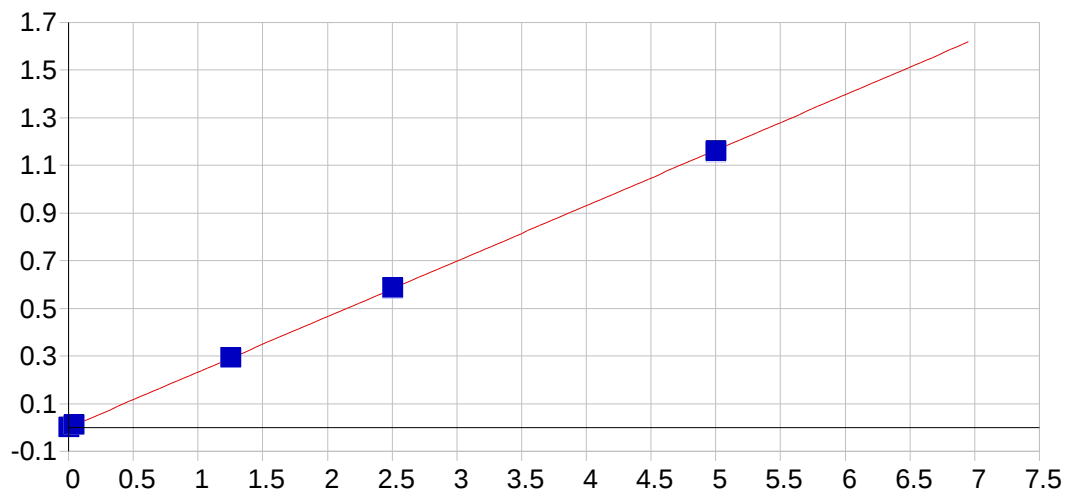


Na 589.592 { 57}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.059173 Re-Slope: 1.000000
 A1 (Gain): 0.264253 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000997
 Predicted MDL: 0.012197
 Predicted MQL: 0.040656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0858	.086	4.29	.61035	.003	1
S0	.00000	-.00008	-.000	.000	.05915	.000	1
S3	12.500	12.481	-.019	-.155	3.3572	.005	1
S4	25.000	25.070	.070	.278	6.6839	.004	1
S5	50.000	49.864	-.136	-.272	13.236	.062	1



V 292.402 {115}

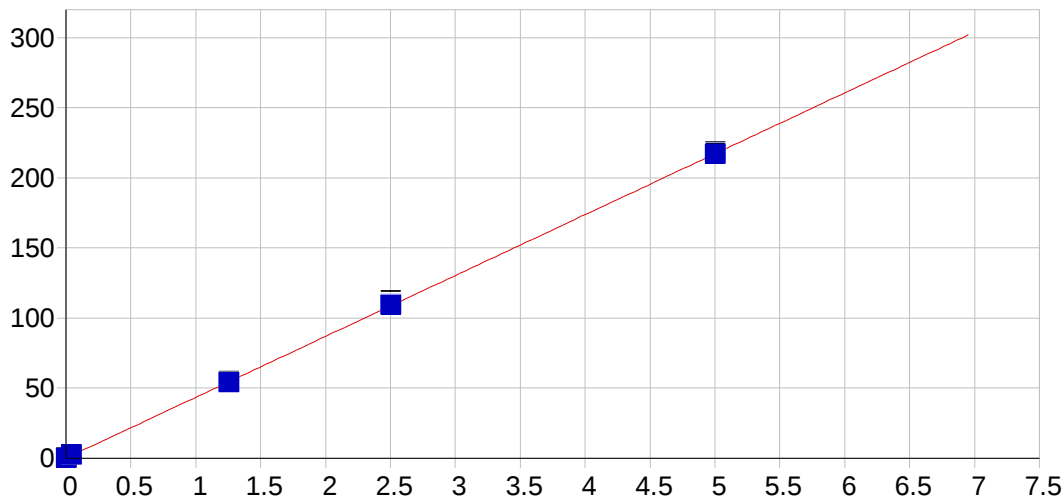
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.232797 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000058
 Predicted MDL: 0.000503
 Predicted MQL: 0.001676

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.04000	.04558	.006	14.0	.01035	.000	1
S3	1.2500	1.2541	.004	.325	.28992	.000	1
S4	2.5000	2.5120	.012	.480	.58086	.001	1
S5	5.0000	4.9784	-.022	-.432	1.1512	.001	1



Zn 206.200 {163}

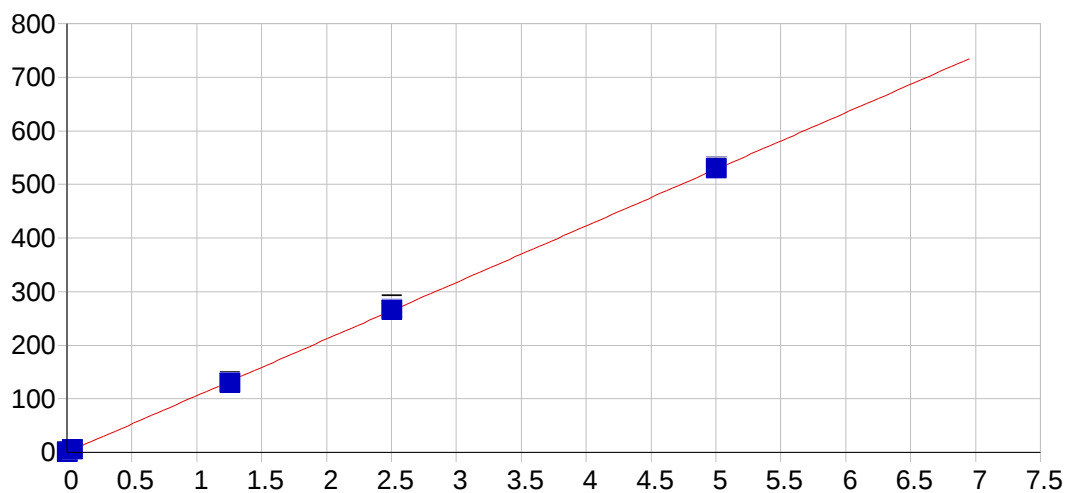
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.093298
 A1 (Gain): 43.424530
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.010761
 Predicted MDL: 0.000439
 Predicted MQL: 0.001463

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	.09308	.029	1
S1	.04000	.04530	.005	13.2	2.0718	.009	1
S3	1.2500	1.2366	-.013	-1.07	54.121	.468	1
S4	2.5000	2.5133	.013	.532	109.89	2.50	1
S5	5.0000	4.9948	-.005	-.104	218.30	.203	1

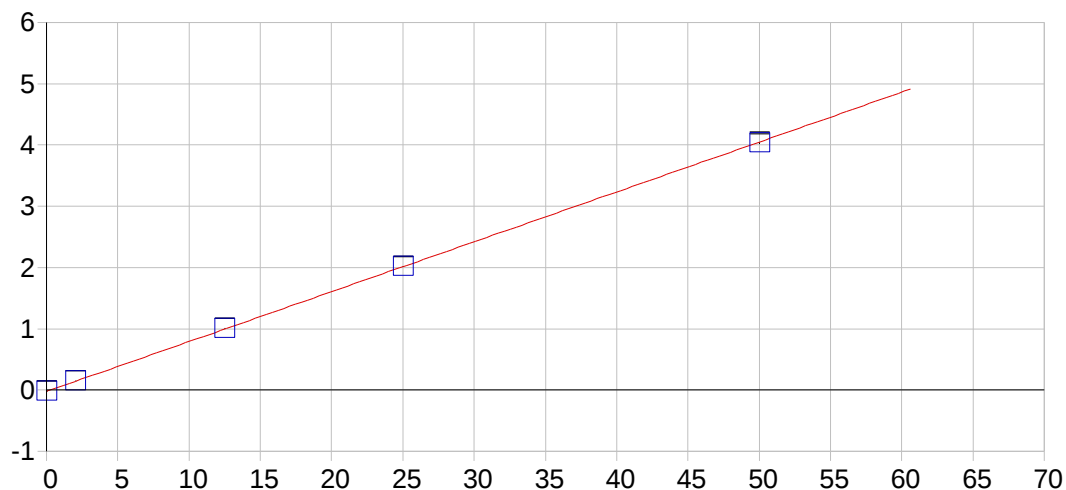


Zn 213.856 {458}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.179277 Re-Slope: 1.000000
 A1 (Gain): 105.606333 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.030267
 Predicted MDL: 0.000091
 Predicted MQL: 0.000304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.17881	.015	1
S1	.04000	.04501	.005	12.5	4.9606	.058	1
S3	1.2500	1.2241	-.026	-2.07	130.25	.715	1
S4	2.5000	2.5111	.011	.445	266.97	7.92	1
S5	5.0000	5.0097	.010	.195	532.43	.153	1



K 766.490 {44}

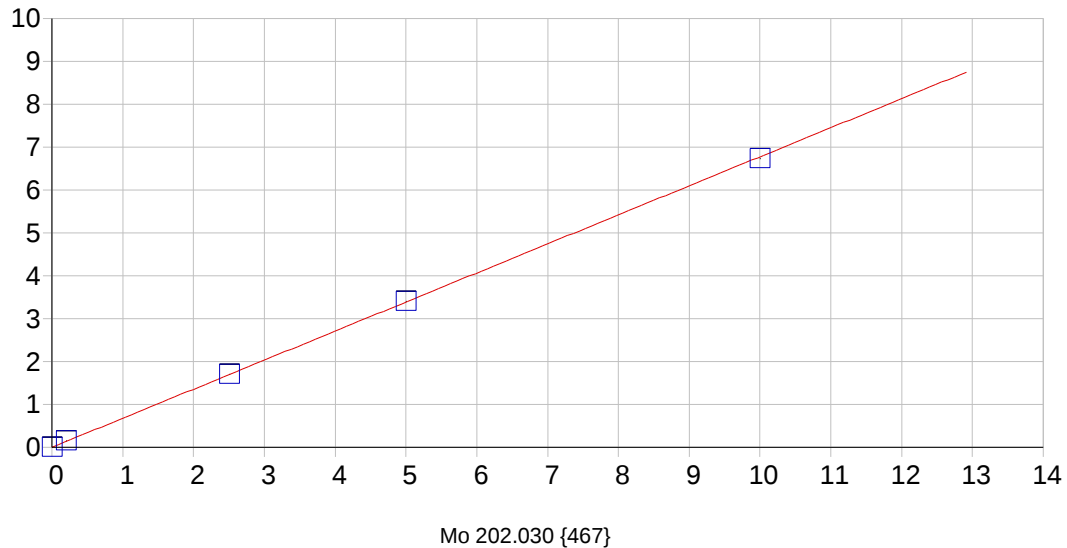
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.022246 Re-Slope: 1.000000
 A1 (Gain): 0.081401 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000342
 Predicted MDL: 0.043562
 Predicted MQL: 0.145207

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0880	.088	4.40	.14772	.002	1
S0	.00000	-.00010	-.000	.000	-.02225	.000	1
S3	12.500	12.587	.087	.699	1.0024	.001	1
S4	25.000	25.023	.023	.094	2.0147	.007	1
S5	50.000	49.801	-.199	-.398	4.0316	.017	1



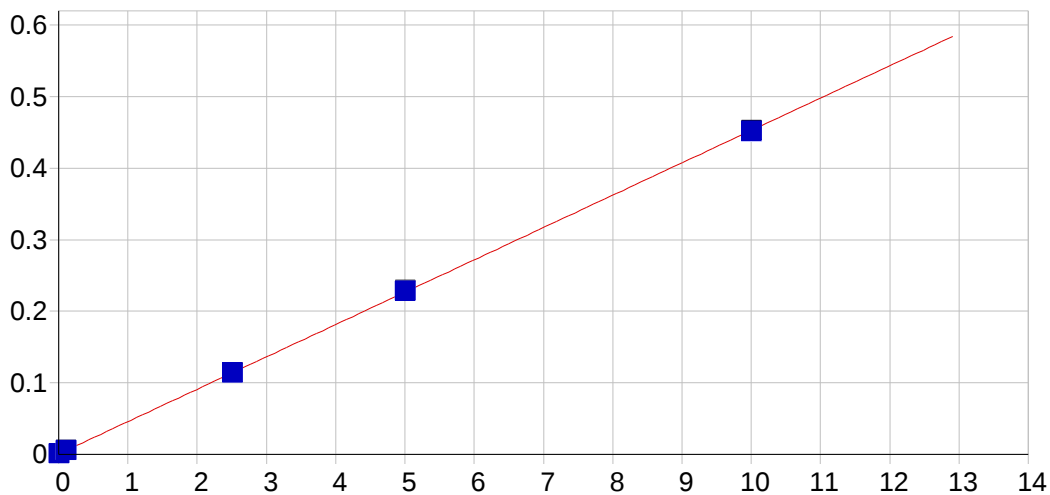
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000099
 A1 (Gain): 0.677576
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959
 Std Error of Est: 0.000469
 Predicted MDL: 0.000304
 Predicted MQL: 0.001012

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	.00009	.000	1
S1	.20000	.21218	.012	6.09	.14386	.000	1
S3	2.5000	2.5167	.017	.669	1.7054	.002	1
S4	5.0000	5.0323	.032	.646	3.4099	.001	1
S5	10.000	9.9388	-.061	-.612	6.7344	.001	1

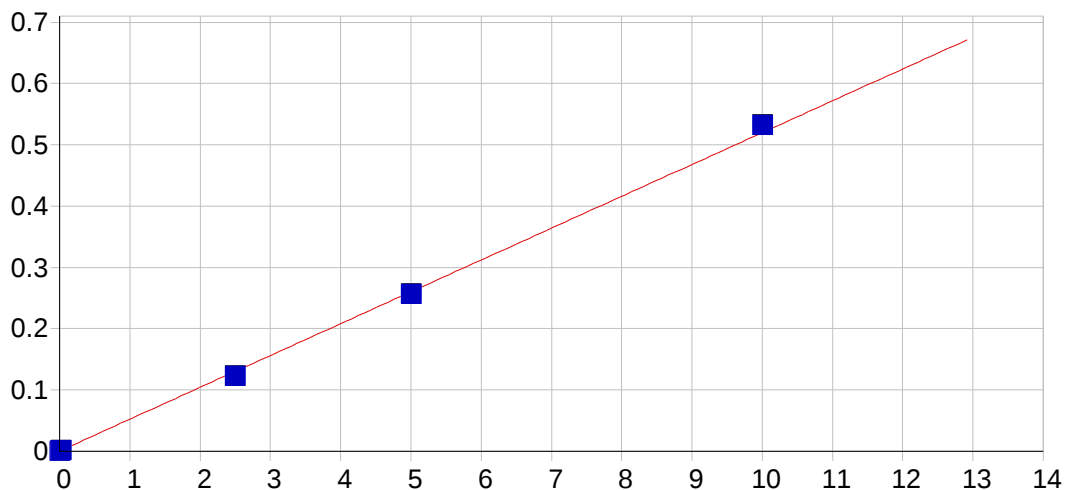


B 249.678 {135}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000665 Re-Slope: 1.000000
 A1 (Gain): 0.045217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.009426
 Predicted MQL: 0.031419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.10000	.09768	-.002	-2.32	.00506	.001	1
S3	2.5000	2.4958	-.004	-.167	.11325	.000	1
S4	5.0000	5.0386	.039	.772	.22797	.001	1
S5	10.000	9.9679	-.032	-.321	.45032	.001	1



S 182.034 {485}

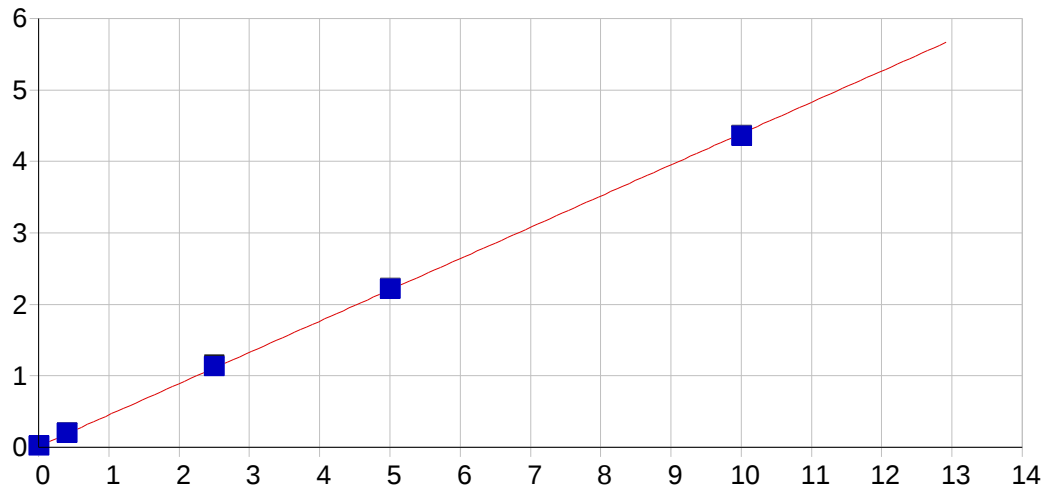
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.051935 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512
 Std Error of Est: 0.000039
 Predicted MDL: 0.002978
 Predicted MQL: 0.009926

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00050	.000	1
S1	.02000	.01403	-.006	-29.9	.00119	.000	1
S3	2.5000	2.3522	-.148	-5.91	.12251	.000	1
S4	5.0000	4.9225	-.077	-1.55	.25586	.000	1
S5	10.000	10.231	.231	2.31	.53127	.001	1



Si 288.158 {117}

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

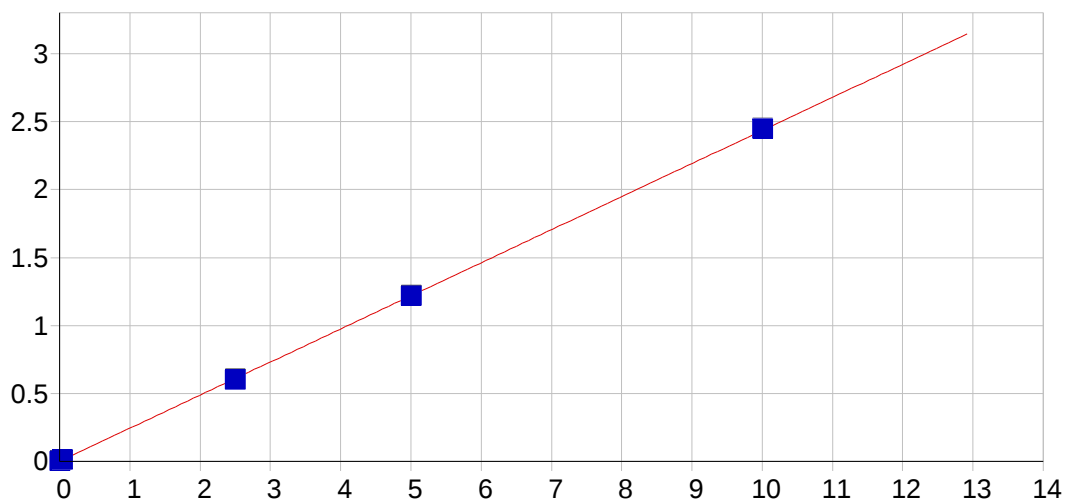
Weighting: 1/Conc

A0 (Offset): 0.015298
 A1 (Gain): 0.437483
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930
 Std Error of Est: 0.000564
 Predicted MDL: 0.002885
 Predicted MQL: 0.009618

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01529	.000	1
S1	.40000	.41682	.017	4.21	.19750	.001	1
S3	2.5000	2.5506	.051	2.02	1.1306	.012	1
S4	5.0000	5.0168	.017	.335	2.2089	.012	1
S5	10.000	9.9158	-.084	-.842	4.3510	.008	1

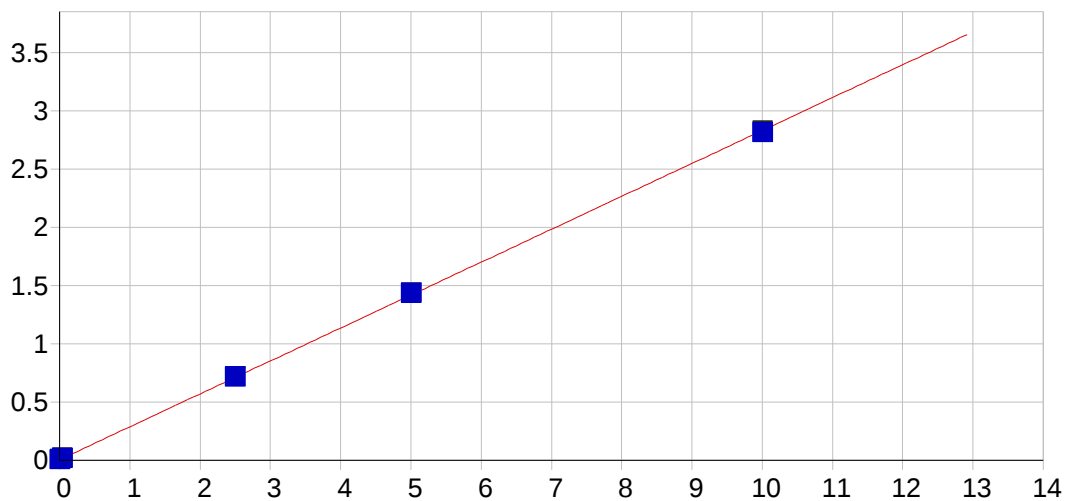


Sn 189.989 {477}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.243422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.000656
 Predicted MQL: 0.002185

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00110	.000	1
S1	.04000	.04203	.002	5.08	.01133	.000	1
S3	2.5000	2.4618	-.038	-1.53	.60047	.001	1
S4	5.0000	4.9903	-.010	-.193	1.2161	.003	1
S5	10.000	10.046	.046	.458	2.4469	.000	1



Ti 336.121 {100}

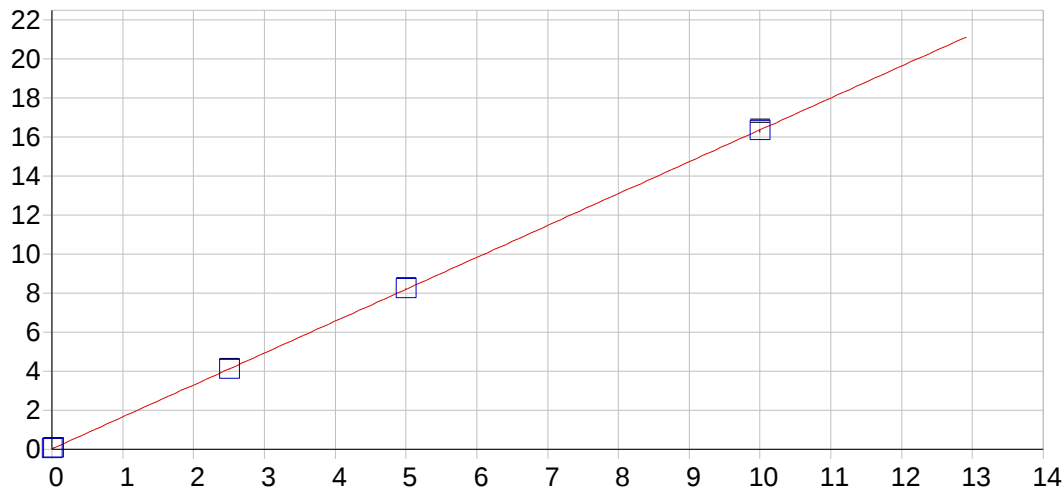
Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005259 Re-Slope: 1.000000
 A1 (Gain): 0.282480 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963
 Std Error of Est: 0.000084
 Predicted MDL: 0.002491
 Predicted MQL: 0.008302

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00526	.000	1
S1	.04000	.04310	.003	7.75	.01743	.000	1
S3	2.5000	2.5113	.011	.453	.71457	.000	1
S4	5.0000	5.0531	.053	1.06	1.4325	.002	1
S5	10.000	9.9325	-.068	-.675	2.8106	.010	1



Li 670.784 { 50}

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

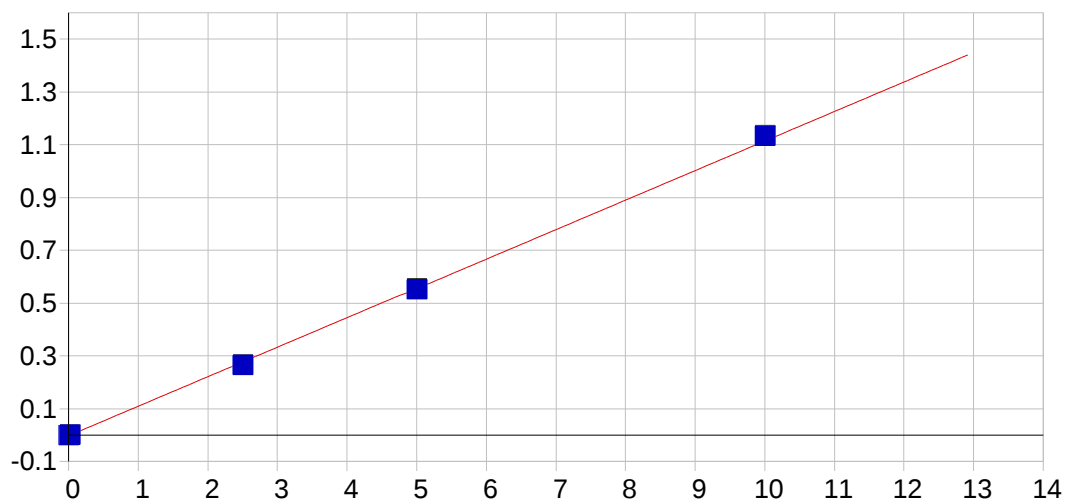
Weighting: 1/Conc

A0 (Offset): 0.027594
 A1 (Gain): 1.634557
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993
 Std Error of Est: 0.000152
 Predicted MDL: 0.002067
 Predicted MQL: 0.006890

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	.02759	.001	1
S1	.02000	.01975	-.000	-1.27	.05987	.005	1
S3	2.5000	2.5004	.000	.018	4.1147	.016	1
S4	5.0000	5.0292	.029	.584	8.2481	.002	1
S5	10.000	9.9706	-.029	-.294	16.325	.083	1



P 177.495 {490}

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003005 Re-Slope: 1.000000
 A1 (Gain): 0.111679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001419
 Predicted MQL: 0.004729

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00301	.000	1
S1	.02000	.01874	-.001	-6.32	-.00092	.000	1
S3	2.5000	2.3792	-.121	-4.83	.26229	.001	1
S4	5.0000	4.9523	-.048	-.953	.54926	.002	1
S5	10.000	10.170	.170	1.70	1.1311	.001	1



Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

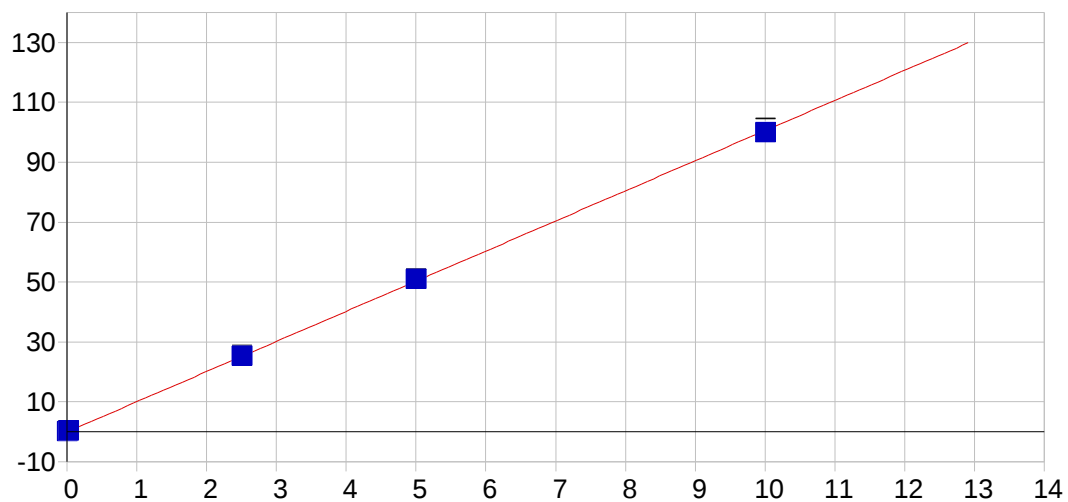
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 12/5/2018 17:52:42

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.005723

Re-Slope: 1.000000

A1 (Gain): 10.057829

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

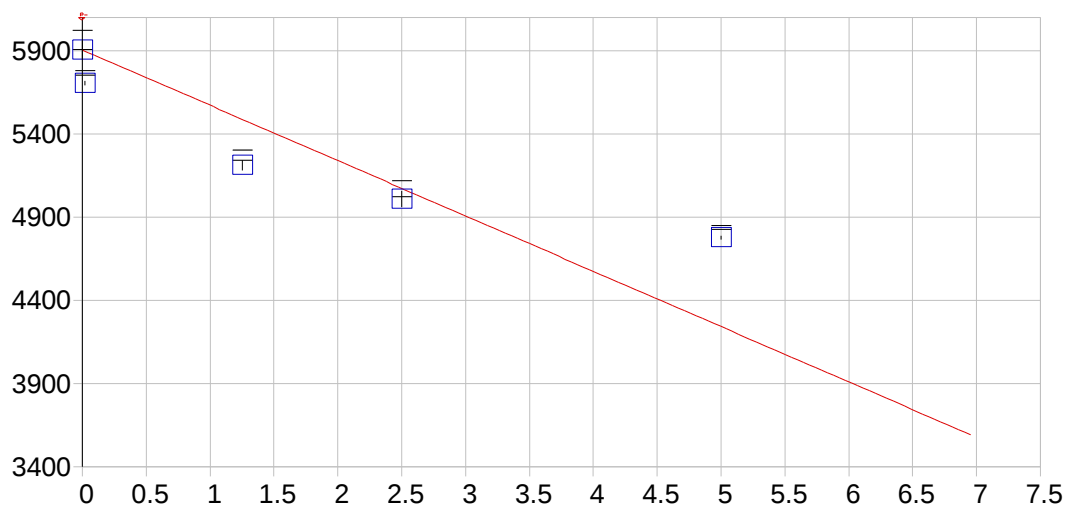
Status: OK.

Std Error of Est: 0.001932

Predicted MDL: 0.000130

Predicted MQL: 0.000434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00573	.000	1
S1	.02000	.02075	.001	3.74	.20407	.001	1
S3	2.5000	2.5114	.011	.456	25.281	.205	1
S4	5.0000	5.0542	.054	1.08	50.884	.007	1
S5	10.000	9.9336	-.066	-.664	100.02	1.29	1

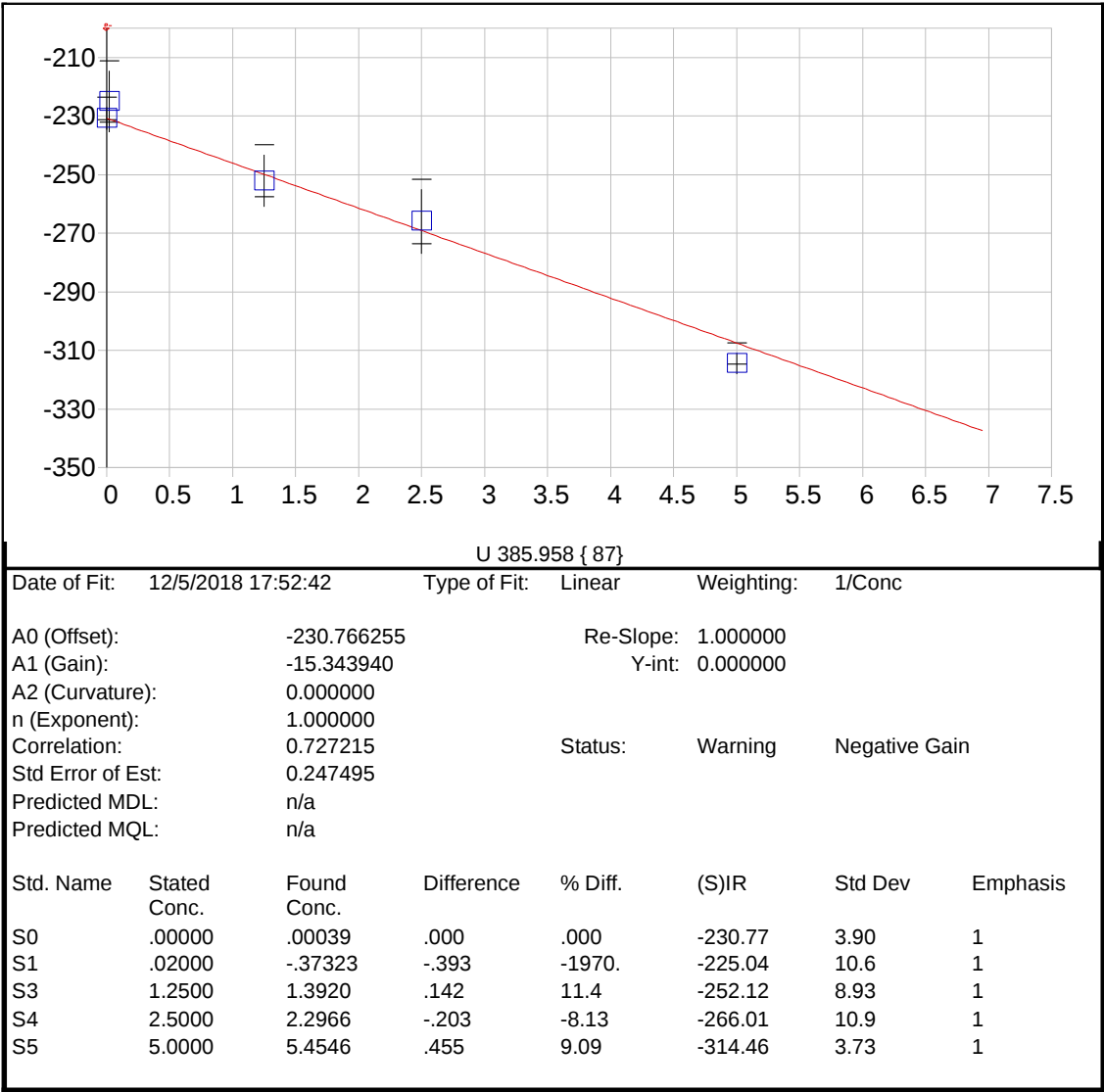


U 367.007 { 92 }

Date of Fit: 12/5/2018 17:52:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5904.972434 Re-Slope: 1.000000
 A1 (Gain): -332.524455 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.571674 Status: Warning Negative Gain
 Std Error of Est: 8.155531
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00059	-.001	.000	5905.2	57.6	1
S1	.02000	.60230	.582	2910.	5704.7	13.3	1
S3	1.2500	2.0855	.836	66.8	5211.5	29.5	1
S4	2.5000	2.6945	.195	7.78	5009.0	47.6	1
S5	5.0000	3.3877	-1.61	-32.2	4778.5	11.2	1



Sample Name: S0 Acquired: 12/5/2018 11:14:19 Type: Cal
Method: P4-ICP2(v2631) 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	.00000	-.00089	.00310	-.00004	.00069	-.00003	.09313	-.00001
Stddev	.00007	.00010	.00009	.00026	.00002	.00000	.00010	.00002
%RSD	1821.8	10.993	2.8812	630.00	2.7438	17.025	.10440	171.66
#1	-.00005	-.00096	.00304	.00014	.00068	-.00003	.09320	-.00003
#2	.00006	-.00082	.00317	-.00023	.00070	-.00002	.09306	.00000
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	-.00111	.00104	.00003	-.00014	-.00016	-.01409	.00016	.00001
Stddev	.00025	.00019	.00005	.00027	.00018	.00250	.00005	.00003
%RSD	22.903	18.003	162.61	186.42	111.72	17.753	29.346	225.94
#1	-.00129	.00091	.00006	-.00033	-.00003	-.01232	.00019	-.00001
#2	-.00093	.00118	-.00000	.00005	-.00028	-.01586	.00013	.00003
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	-.00606	.00004	.05915	-.00012	.17881	-.02225	.00009	.00066
Stddev	.00031	.00008	.00009	.00001	.01478	.00015	.00003	.00017
%RSD	5.0676	210.10	.15417	8.7331	8.2684	.65452	37.848	25.073
#1	-.00585	-.00002	.05922	-.00013	.18926	-.02215	.00007	.00055
#2	-.00628	.00009	.05909	-.00011	.16835	-.02236	.00011	.00078
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	.00050	.01529	.00110	.00526	.02759	-.0030	-.00573	5905.2
Stddev	.00001	.00046	.00003	.00007	.00052	.0002	.00016	57.6
%RSD	2.4397	2.9797	2.6086	1.2729	1.8713	5.004	2.8361	.97506
#1	.00051	.01497	.00108	.00521	.02796	-.0029	-.00562	5864.5
#2	.00049	.01561	.00112	.00531	.02723	-.0031	-.00585	5945.9

Sample Name: S0 Acquired: 12/5/2018 11:14:19 Type: Cal
Method: P4-ICP2(v2631) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-230.77
Stddev	3.90
%RSD	1.6918

#1	-228.01
#2	-233.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4118.5	54139.	4194.3	95.058	4417.6
Stddev	8.5	104.	55.4	1.520	9.9
%RSD	.20756	.19232	1.3214	1.5993	.22493

#1	4112.5	54066.	4155.1	93.983	4410.6
#2	4124.5	54213.	4233.5	96.133	4424.6

Sample Name: S1 Acquired: 12/5/2018 11:18:22 Type: Cal
Method: P4-ICP2(v2631) 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	.00130	.00700	.00694	.00124	.00846	.00072	.58176	.00644
Stddev	.00000	.00026	.00019	.00004	.00001	.00002	.00127	.00010
%RSD	.06454	3.6681	2.7790	2.8730	.07298	3.4518	.21915	1.5619
#1	.00130	.00719	.00680	.00121	.00845	.00070	.58086	.00637
#2	.00130	.00682	.00708	.00126	.00846	.00074	.58267	.00651
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	.02020	.00233	.03917	.01455	.13121	.03251	.02448	.00200
Stddev	.00002	.00001	.00016	.00008	.00008	.00004	.00038	.00006
%RSD	.10419	.46083	.41147	.57404	.05754	.11696	1.5386	3.0515
#1	.02022	.00232	.03929	.01449	.13116	.03248	.02474	.00204
#2	.02019	.00234	.03906	.01461	.13127	.03253	.02421	.00196
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	.01035	4.9606	.14386	.00506	.00119	.19750	.01133	.01743
Stddev	.00006	.0580	.00035	.00059	.00006	.00052	.00004	.00019
%RSD	.54493	1.1685	.24672	11.561	5.3457	.26185	.35354	1.1178
#1	.01039	5.0016	.14412	.00465	.00124	.19787	.01130	.01757
#2	.01031	4.9196	.14361	.00548	.00115	.19714	.01136	.01729
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.05987	-.0009	.20407	5704.7	-225.04			
Stddev	.00522	.0001	.00139	13.3	10.57			
%RSD	8.7170	9.505	.68096	.23327	4.6972			
#1	.05618	-.0009	.20309	5714.1	-232.51			
#2	.06356	-.0010	.20505	5695.3	-217.56			

Sample Name: S1 Acquired: 12/5/2018 11:18:22 Type: Cal
Method: P4-ICP2(v2631) 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	4068.5	53446.	4207.2	97.900	4323.6
Stddev	9.0	41.	8.9	.707	10.9
%RSD	.22043	.07599	.21040	.72227	.25136
#1	4062.2	53417.	4200.9	97.400	4315.9
#2	4074.9	53475.	4213.4	98.400	4331.2

Sample Name: S2 Acquired: 12/5/2018 11:22:24 Type: Cal
Method: P4-ICP2(v2631) 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	.09355	.02343	.61035	.14772
Stddev	.00035	.00065	.00269	.00162
%RSD	.37388	2.7637	.44009	1.0982

#1	.09380	.02297	.61225	.14887
#2	.09330	.02388	.60845	.14657

Int. Std.	Y_3710
Units	Cts/S
Avg	4179.7
Stddev	1.6
%RSD	.03902

#1	4178.6
#2	4180.9

Sample Name: S3 Acquired: 12/5/2018 11:26:19 Type: Cal
Method: P4-ICP2(v2631) 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	.14983	.42806	.74369	.17668	.36391	.03259	22.439	.12847
Stddev	.00066	.00008	.00158	.00052	.00081	.00001	.103	.00057
%RSD	.44139	.01967	.21265	.29428	.22214	.03100	.45745	.44247

#1	.15030	.42800	.74257	.17705	.36448	.03259	22.511	.12807
#2	.14936	.42812	.74481	.17631	.36334	.03260	22.366	.12887

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	4.3316	.55596	.10788	1.4616	.43059	3.4520	1.7896	.13905
Stddev	.0001	.00152	.00002	.0003	.00141	.0421	.0038	.00007
%RSD	.00281	.27363	.02215	.02225	.32634	1.2194	.21129	.04900

#1	4.3317	.55704	.10790	1.4614	.43158	3.4222	1.7870	.13900
#2	4.3315	.55489	.10786	1.4618	.42960	3.4817	1.7923	.13910

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	.84299	.11399	3.3572	.28992	130.25	1.0024	1.7054	.11325
Stddev	.00080	.00031	.0053	.00045	.72	.0006	.0022	.00011
%RSD	.09460	.27038	.15708	.15677	.54914	.06036	.12672	.09477

#1	.84356	.11377	3.3609	.29024	129.75	1.0019	1.7038	.11333
#2	.84243	.11421	3.3535	.28960	130.76	1.0028	1.7069	.11318

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	.12251	1.1306	.60047	.71457	4.1147	.2623	25.281	5211.5
Stddev	.00038	.0118	.00081	.00008	.0156	.0007	.205	29.5
%RSD	.31247	1.0483	.13499	.01109	.37805	.2761	.81216	.56668

#1	.12224	1.1389	.60105	.71451	4.1257	.2618	25.426	5190.6
#2	.12278	1.1222	.59990	.71462	4.1037	.2628	25.136	5232.4

Sample Name: S3 Acquired: 12/5/2018 11:26:19 Type: Cal
 Method: P4-ICP2(v2631) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-252.12
Stddev	8.93
%RSD	3.5424

#1	-245.81
#2	-258.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.5	51770.	4186.6	95.623	3988.6
Stddev	14.1	37.	22.4	.186	13.3
%RSD	.35722	.07125	.53435	.19455	.33248

#1	3946.5	51744.	4170.8	95.754	3979.2
#2	3966.5	51796.	4202.5	95.491	3998.0

Sample Name: S4 Acquired: 12/5/2018 11:30:06 Type: Cal
Method: P4-ICP2(v2631) 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	.30306	.86369	1.5090	.35580	.73325	.06628	45.281	.25802
Stddev	.00016	.00240	.0048	.00041	.00101	.00016	.032	.00089
%RSD	.05167	.27814	.31824	.11402	.13734	.23509	.07033	.34477

#1	.30317	.86539	1.5124	.35551	.73396	.06639	45.303	.25739
#2	.30295	.86200	1.5056	.35609	.73253	.06617	45.258	.25865

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.8623	1.1149	.21392	2.9797	.84887	7.0491	3.5485	.27860
Stddev	.0288	.0069	.00043	.0072	.00181	.1914	.0101	.00023
%RSD	.32503	.62380	.20226	.24110	.21351	2.7157	.28495	.08424

#1	8.8826	1.1100	.21423	2.9848	.85015	7.1844	3.5414	.27876
#2	8.8419	1.1198	.21362	2.9747	.84759	6.9137	3.5557	.27843

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	1.7116	.22847	6.6839	.58086	266.97	2.0147	3.4099	.22797
Stddev	.0051	.00105	.0040	.00057	7.92	.0072	.0006	.00092
%RSD	.29837	.45876	.06004	.09843	2.9655	.35666	.01664	.40508

#1	1.7152	.22773	6.6867	.58046	272.57	2.0096	3.4103	.22862
#2	1.7080	.22921	6.6811	.58127	261.37	2.0198	3.4095	.22731

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	.25586	2.2089	1.2161	1.4325	8.2481	.5493	50.884	5009.0
Stddev	.00032	.0118	.0033	.0017	.0020	.0020	.007	47.6
%RSD	.12486	.53265	.27338	.11499	.02422	.3672	.01362	.95047

#1	.25608	2.2006	1.2184	1.4313	8.2495	.5507	50.879	4975.3
#2	.25563	2.2172	1.2137	1.4336	8.2467	.5478	50.889	5042.6

Sample Name: S4 Acquired: 12/5/2018 11:30:06 Type: Cal
 Method: P4-ICP2(v2631) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-266.01
Stddev	10.94
%RSD	4.1135

#1	-273.74
#2	-258.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3849.1	50271.	4100.2	90.903	3769.6
Stddev	6.6	144.	2.2	2.713	16.2
%RSD	.17061	.28696	.05359	2.9850	.42867

#1	3844.5	50169.	4098.6	88.984	3758.2
#2	3853.8	50373.	4101.7	92.822	3781.0

Sample Name: S5 Acquired: 12/5/2018 11:33:53 Type: Cal
Method: P4-ICP2(v2631) 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	.60617	1.7064	3.0337	.70572	1.4640	.13305	88.590	.51218
Stddev	.00021	.0024	.0007	.00031	.0025	.00063	.244	.00084
%RSD	.03477	.14040	.02354	.04437	.17066	.47418	.27553	.16404

#1	.60602	1.7047	3.0332	.70550	1.4622	.13260	88.763	.51159
#2	.60632	1.7081	3.0342	.70594	1.4657	.13350	88.417	.51278

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	17.885	2.1816	.42365	6.0415	1.6571	14.180	6.9212	.54774
Stddev	.019	.0138	.00119	.0071	.0011	.071	.0198	.00080
%RSD	.10873	.63502	.28080	.11755	.06424	.50233	.28659	.14562

#1	17.899	2.1914	.42281	6.0466	1.6578	14.130	6.9352	.54831
#2	17.872	2.1719	.42449	6.0365	1.6563	14.231	6.9072	.54718

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	3.4434	.45334	13.236	1.1512	532.43	4.0316	6.7344	.45032
Stddev	.0068	.00036	.062	.0010	.15	.0170	.0014	.00121
%RSD	.19700	.07878	.46779	.08259	.02867	.42142	.02116	.26979

#1	3.4482	.45308	13.280	1.1506	532.33	4.0436	6.7334	.45118
#2	3.4386	.45359	13.192	1.1519	532.54	4.0196	6.7354	.44946

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	.53127	4.3510	2.4469	2.8106	16.325	1.131	100.02	4778.5
Stddev	.00075	.0079	.0001	.0103	.083	.001	1.29	11.2
%RSD	.14184	.18142	.00294	.36730	.51028	.0598	1.2898	.23533

#1	.53073	4.3565	2.4469	2.8179	16.384	1.131	100.93	4786.4
#2	.53180	4.3454	2.4468	2.8033	16.266	1.132	99.104	4770.5

Sample Name: S5 Acquired: 12/5/2018 11:33:53 Type: Cal
 Method: P4-ICP2(v2631) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-314.46
Stddev	3.73
%RSD	1.1849

#1	-317.10
#2	-311.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.7	49046.	4074.6	87.604	3557.6
Stddev	4.8	6.	29.6	.078	9.7
%RSD	.12706	.01130	.72584	.08926	.27368

#1	3748.3	49050.	4053.7	87.549	3550.8
#2	3755.1	49042.	4095.6	87.660	3564.5

Sample Name: ICV01 Acquired: 12/5/2018 11:41:51 Type: Unk
Method: P4-ICP2(v2631) 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	1.0100	1.0345	1.0038	1.0028	.99434	2.5355	.52232	.49233
Stddev	.0015	.0028	.0004	.0016	.00017	.0217	.00357	.00054
%RSD	.15312	.27331	.03903	.15585	.01754	.85627	.68376	.11034
#1	1.0090	1.0325	1.0041	1.0039	.99422	2.5201	.52484	.49195
#2	1.0111	1.0365	1.0035	1.0017	.99447	2.5508	.51979	.49272
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48433	10.584	.51444	.49989	.51139	5.0842	.52226	6.1008
Stddev	.00060	.019	.00062	.00098	.00148	.0304	.00208	.0577
%RSD	.12393	.18030	.12084	.19695	.28990	.59744	.39868	.94639
#1	.48476	10.571	.51400	.50058	.51244	5.1057	.52079	6.1416
#2	.48391	10.598	.51488	.49919	.51034	5.0628	.52373	6.0600
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50121	.47030	10.161	.50149	1.0473	10.326	2.4594	2.4603
Stddev	.00029	.00134	.043	.00045	.0016	.004	.0011	.0031
%RSD	.05704	.28445	.42261	.09060	.14995	.03735	.04297	.12769
#1	.50141	.46935	10.192	.50117	1.0484	10.329	2.4586	2.4581
#2	.50101	.47124	10.131	.50181	1.0462	10.323	2.4601	2.4626
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00056	2.4441	2.3296	2.4433	2.5129	F .0009	F .00674	F 2.9740
Stddev	.00201	.0069	.0102	.0063	.0007	.0010	.00004	.0639
%RSD	359.40	.28269	.43943	.25829	.02670	102.8	.57451	2.1495
#1	.00199	2.4490	2.3369	2.4478	2.5134	.0016	.00671	3.0192
#2	-.00086	2.4393	2.3224	2.4388	2.5125	.0003	.00676	2.9288

Sample Name: ICV01 Acquired: 12/5/2018 11:41:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3448
Stddev .5509
%RSD 23.496

#1 1.9553
#2 2.7344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.2	50906.	4048.5	91.244	4015.4
Stddev	10.4	35.	21.3	.393	8.0
%RSD	.26746	.06794	.52538	.43036	.19857

#1	3894.8	50930.	4033.4	90.967	4009.8
#2	3909.6	50881.	4063.5	91.522	4021.1

Sample Name: LLICV01 Acquired: 12/5/2018 11:45:41 Type: Unk
Method: P4-ICP2(v2631) 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	.01838	.04607	.01362	.01864	.05707	.11789	.11369	.00655
Stddev	.00299	.00037	.00009	.00263	.00074	.01098	.00018	.00002
%RSD	16.246	.79771	.67356	14.083	1.2947	9.3107	.15639	.23659
#1	.01627	.04581	.01355	.02050	.05655	.11013	.11381	.00654
#2	.02049	.04633	.01368	.01679	.05759	.12565	.11356	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00602	2.2384	.01141	.03375	.01974	.11483	.02375	2.2897
Stddev	.00003	.0080	.00031	.00016	.00028	.00532	.00009	.0110
%RSD	.47645	.35884	2.6796	.46804	1.4163	4.6371	.37420	.48208
#1	.00604	2.2327	.01119	.03386	.01994	.11860	.02381	2.2819
#2	.00600	2.2441	.01162	.03364	.01954	.11107	.02368	2.2975
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04458	.01137	2.1626	.04607	.04614	2.1768	.21764	.10517
Stddev	.00033	.00082	.0014	.00083	.00097	.0048	.00049	.00686
%RSD	.73064	7.2427	.06288	1.7947	2.1008	.22062	.22560	6.5192
#1	.04482	.01079	2.1616	.04665	.04682	2.1734	.21729	.10033
#2	.04435	.01195	2.1635	.04548	.04545	2.1802	.21799	.11002
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00971	.44179	.04399	.04371	.02301	.0174	.02246	F 2.4692
Stddev	.00272	.00240	.00088	.00198	.00004	.0014	.00005	.0601
%RSD	27.985	.54243	2.0068	4.5257	.15342	7.866	.23777	2.4348
#1	.00779	.44349	.04462	.04511	.02298	.0184	.02250	2.5117
#2	.01163	.44010	.04337	.04232	.02303	.0165	.02243	2.4267

Sample Name: LLICV01 Acquired: 12/5/2018 11:45:41 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .50294
Stddev .29232
%RSD 58.122

#1 .29624
#2 .70965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3938.0	51849.	4070.1	96.021	4232.4
Stddev	11.0	106.	8.3	2.375	10.0
%RSD	.27848	.20497	.20461	2.4731	.23730

#1	3930.2	51774.	4064.2	94.342	4225.3
#2	3945.7	51924.	4075.9	97.700	4239.5

Sample Name: ICB01 Acquired: 12/5/2018 11:49:43 Type: Unk
Method: P4-ICP2(v2631) 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	-.00000	-.00039	-.00035	-.00132	-.00084	.01249	.00152	-.00006
Stddev	.00007	.00011	.00006	.00021	.00015	.00549	.00063	.00001
%RSD	1926.9	28.896	16.669	15.911	18.366	43.943	41.590	9.9646
#1	.00004	-.00031	-.00030	-.00117	-.00095	.01637	.00107	-.00007
#2	-.00005	-.00048	-.00039	-.00147	-.00073	.00861	.00196	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00205	.00000	.00007	-.00065	.00361	-.00002	.00130
Stddev	.00001	.00166	.00001	.00027	.00012	.00076	.00001	.00511
%RSD	60.927	80.900	424.03	381.56	18.681	21.049	52.846	391.92
#1	-.00003	-.00088	-.00001	-.00012	-.00056	.00307	-.00001	-.00231
#2	-.00001	-.00322	.00001	.00026	-.00073	.00415	-.00002	.00491
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00069	-.07244	.00027	-.00051	-.05111	.00045	-.00873
Stddev	.00010	.00066	.01373	.00004	.00001	.03508	.00010	.00746
%RSD	74.246	96.606	18.956	13.782	1.9397	68.641	22.250	85.403
#1	.00007	.00116	-.08215	.00030	-.00050	-.07591	.00038	-.01400
#2	.00021	.00022	-.06273	.00024	-.00052	-.02630	.00053	-.00346
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00886	.00098	-.00012	.00090	-.00106	-.0014	-.00002	F 2.3907
Stddev	.00081	.00005	.00011	.00022	.00018	.0004	.00012	.0209
%RSD	9.1278	5.0170	89.398	23.959	16.925	29.91	600.96	.87269
#1	-.00943	.00102	-.00020	.00105	-.00119	-.0017	-.00010	2.3760
#2	-.00829	.00095	-.00004	.00075	-.00094	-.0011	.00006	2.4055

Sample Name: ICB01 Acquired: 12/5/2018 11:49:43 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .07194
Stddev .65295
%RSD 907.65

#1 .53364
#2 -.38976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3929.4	51865.	4049.2	93.792	4275.9
Stddev	1.3	149.	7.7	.047	1.4
%RSD	.03322	.28636	.19138	.05026	.03158

#1	3928.5	51760.	4054.7	93.825	4276.9
#2	3930.3	51970.	4043.8	93.758	4275.0

Sample Name: CRI01 Acquired: 12/5/2018 12:07:56 Type: Unk
Method: P4-ICP2(v2631) 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	.02048	.04711	.01351	.02064	.05838	.11046	.12037	.00684
Stddev	.00202	.00108	.00086	.00207	.00170	.00250	.00091	.00008
%RSD	9.8652	2.2871	6.3380	10.014	2.9186	2.2641	.75697	1.2077
#1	.01905	.04787	.01412	.01918	.05959	.10869	.12101	.00690
#2	.02191	.04635	.01291	.02210	.05718	.11223	.11972	.00678
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00621	2.3883	.01194	.03518	.02334	.11081	.02474	2.3174
Stddev	.00008	.0057	.00001	.00004	.00073	.00404	.00025	.0368
%RSD	1.3464	.23930	.05754	.11266	3.1131	3.6422	1.0196	1.5870
#1	.00627	2.3923	.01194	.03521	.02386	.11366	.02492	2.2914
#2	.00615	2.3843	.01195	.03516	.02283	.10795	.02456	2.3435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04573	.01153	2.2024	.04726	.04817	2.2682	.22787	.09455
Stddev	.00010	.00030	.0117	.00072	.00040	.0283	.00019	.01165
%RSD	.22361	2.6291	.53022	1.5201	.82691	1.2455	.08149	12.323
#1	.04580	.01131	2.2107	.04777	.04845	2.2882	.22774	.08631
#2	.04565	.01174	2.1942	.04676	.04789	2.2482	.22800	.10279
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00770	.46748	.04262	.04683	.02013	.0177	.02383	F 3.6265
Stddev	.00373	.00013	.00054	.00327	.00161	.0008	.00007	.2954
%RSD	48.520	.02724	1.2772	6.9737	7.9767	4.670	.27722	8.1465
#1	.01034	.46739	.04301	.04452	.02126	.0182	.02388	3.4176
#2	.00506	.46757	.04224	.04914	.01899	.0171	.02378	3.8355

Sample Name: CRI01 Acquired: 12/5/2018 12:07:56 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .07017
Stddev .13399
%RSD 190.94

#1 .16492
#2 -.02457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.9	50086.	3938.0	92.671	4116.6
Stddev	.0	30.	24.1	.795	3.1
%RSD	.00085	.06018	.61116	.85841	.07460

#1	3800.9	50107.	3955.0	92.108	4118.8
#2	3800.9	50065.	3921.0	93.233	4114.4

Sample Name: ICSA01 Acquired: 12/5/2018 12:11:59 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	-.00948	.00120	-.01753	.00381	297.31	.00746
Stddev	.00002	.00168	.00024	.00173	.00094	.95	.00070
%RSD	.57738	17.757	19.878	9.8711	24.632	.31901	9.3967

#1	-.00362	-.00829	.00137	-.01631	.00447	296.64	.00796
#2	-.00359	-.01067	.00103	-.01875	.00315	297.98	.00697

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00155	271.55	.06036	-.00105	-.00506	101.80
Stddev	.00004	.00026	.43	.00035	.00018	.00006	1.03
%RSD	12.026	17.116	.15783	.57691	17.533	1.1431	1.0138

#1	.00033	-.00173	271.25	.06060	-.00118	-.00502	102.53
#2	.00028	-.00136	271.86	.06011	-.00092	-.00510	101.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01595	274.63	-.00776	-.00562	-.01131	.00144	-.00096
Stddev	.00002	.03	.00022	.00084	.00414	.00017	.00003
%RSD	.10840	.01004	2.7941	14.902	36.649	11.711	2.7976

#1	.01594	274.65	-.00761	-.00502	-.01424	.00132	-.00094
#2	.01596	274.61	-.00791	-.00621	-.00838	.00155	-.00098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01531	-.00070	-.04818	.00008	-.00569	.00306	-.00154
Stddev	.00866	.00038	.00038	.00035	.00207	.00108	.00277
%RSD	56.564	54.970	.79057	448.21	36.367	35.267	180.42

#1	-.02143	-.00043	-.04845	.00033	-.00423	.00229	-.00349
#2	-.00919	-.00097	-.04791	-.00017	-.00715	.00382	.00042

Sample Name: ICSA01 Acquired: 12/5/2018 12:11:59 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00859	-.0014	.00419	F 5.2544	F<.00000
Stddev	.00009	.0011	.00181	.1320	.09869
%RSD	1.0818	75.39	43.170	2.5111	8.8396

#1	.00853	-.0021	.00291	5.1611	-1.0467
#2	.00866	-.0007	.00546	5.3477	-1.1862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3389.0	44018.	3838.1	83.409	3256.9
Stddev	5.0	27.	7.8	.929	16.2
%RSD	.14822	.06171	.20200	1.1144	.49737

#1	3385.4	44038.	3832.6	82.752	3245.4
#2	3392.5	43999.	3843.6	84.066	3268.3

Sample Name: ICSAB01 Acquired: 12/5/2018 12:20:17 Type: Unk
Method: P4-ICP2(v2631) 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	.09855	.09547	.05251	.03233	.63207	279.58	.54954	.56552
Stddev	.00306	.00081	.00071	.00170	.00558	.79	.00248	.00037
%RSD	3.1059	.84448	1.3582	5.2566	.88344	.28328	.45155	.06532
#1	.10072	.09490	.05201	.03113	.63602	280.14	.55129	.56579
#2	.09639	.09604	.05302	.03353	.62812	279.02	.54778	.56526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0240	261.17	.59879	.51825	.50949	95.268	.55557	265.92
Stddev	.0056	.16	.00172	.00160	.00113	1.086	.00081	1.75
%RSD	.54544	.06189	.28752	.30902	.22177	1.1395	.14534	.65890
#1	1.0280	261.28	.60001	.51939	.51029	96.035	.55614	267.16
#2	1.0201	261.06	.59757	.51712	.50869	94.500	.55500	264.68
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99899	.21255	-.02376	.51739	1.0480	.00832	-.00058	-.04969
Stddev	.00450	.00044	.00134	.00108	.0073	.00374	.00006	.00717
%RSD	.45044	.20830	5.6532	.20858	.70087	44.929	10.301	14.434
#1	1.0022	.21287	-.02281	.51816	1.0532	.01096	-.00053	-.04462
#2	.99581	.21224	-.02471	.51663	1.0428	.00568	-.00062	-.05476
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00645	-.00722	.00254	-.00045	.00572	F -.0016	F .00687	F 5.2025
Stddev	.00265	.00028	.00089	.00112	.00004	.0002	.00125	.1325
%RSD	41.065	3.9279	34.933	247.84	.66208	13.84	18.155	2.5462
#1	-.00832	-.00702	.00317	-.00125	.00575	-.0018	.00599	5.2961
#2	-.00458	-.00742	.00191	.00034	.00569	-.0015	.00776	5.1088

Sample Name: ICSAB01 Acquired: 12/5/2018 12:20:17 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .83372
 Stddev .95687
 %RSD 114.77

#1 1.5103
 #2 .15711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.2	44709.	3815.9	85.250	3309.5
Stddev	20.5	137.	8.0	.702	17.5
%RSD	.59226	.30533	.20860	.82358	.52900

#1	3444.7	44612.	3810.3	84.753	3297.1
#2	3473.7	44805.	3821.5	85.746	3321.9

Sample Name: CCV01 Acquired: 12/5/2018 12:24:16 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0666	4.9319	5.0793	4.9443	5.0822	10.146	10.086	.25334
Stddev	.0013	.0004	.0068	.0007	.0192	.040	.016	.00072
%RSD	.02460	.00714	.13382	.01475	.37814	.39276	.16329	.28247
#1	5.0657	4.9317	5.0745	4.9438	5.0958	10.174	10.075	.25385
#2	5.0675	4.9322	5.0841	4.9448	5.0686	10.117	10.098	.25284
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4883	26.184	1.0315	2.5032	1.2571	4.7606	2.5687	25.255
Stddev	.0050	.288	.0025	.0022	.0021	.1068	.0025	.019
%RSD	.20075	1.0982	.24475	.08766	.16326	2.2425	.09678	.07341
#1	2.4848	25.980	1.0333	2.5017	1.2585	4.6851	2.5704	25.268
#2	2.4919	26.387	1.0297	2.5048	1.2556	4.8361	2.5669	25.242
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4525	1.2201	24.258	2.4266	2.5261	25.047	5.1190	4.9636
Stddev	.0000	.0012	.043	.0032	.0901	.110	.0030	.0131
%RSD	.00100	.09808	.17886	.13215	3.5689	.43851	.05808	.26449
#1	2.4524	1.2209	24.227	2.4289	2.4624	24.970	5.1211	4.9543
#2	2.4525	1.2192	24.288	2.4243	2.5899	25.125	5.1169	4.9729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.7133	5.1331	4.8173	4.9853	4.9989	4.843	5.2244	F 4.6260
Stddev	.0115	.0548	.0099	.0129	.0218	.002	.0417	.1551
%RSD	.24363	1.0675	.20550	.25906	.43531	.0384	.79746	3.3523
#1	4.7051	5.0944	4.8103	4.9762	4.9835	4.842	5.1949	4.7356
#2	4.7214	5.1719	4.8243	4.9944	5.0143	4.844	5.2538	4.5163

Sample Name: CCV01 Acquired: 12/5/2018 12:24:16 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 3.2397
 Stddev .8532
 %RSD 26.336

#1 3.8431
 #2 2.6364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.3	48542.	3960.3	89.634	3685.2
Stddev	27.1	182.	25.0	2.625	22.8
%RSD	.73056	.37438	.63047	2.9289	.61846

#1	3689.2	48413.	3978.0	91.490	3669.1
#2	3727.5	48670.	3942.7	87.777	3701.4

Sample Name: LLCCV01 Acquired: 12/5/2018 12:28:02 Type: Unk
Method: P4-ICP2(v2631) 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	.02151	.04609	.01280	.01999	.05610	.11414	.11386	.00656
Stddev	.00165	.00033	.00118	.00133	.00094	.00579	.00015	.00001
%RSD	7.6810	.70622	9.2407	6.6585	1.6691	5.0708	.13078	.18619

#1	.02034	.04632	.01363	.02093	.05544	.11005	.11375	.00657
#2	.02267	.04586	.01196	.01905	.05677	.11823	.11396	.00655

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00603	2.2772	.01148	.03376	.02253	.11031	.02395	2.3247
Stddev	.00002	.0059	.00004	.00029	.00001	.00121	.00012	.0024
%RSD	.37284	.25888	.34380	.86091	.03216	1.0965	.51420	.10488

#1	.00601	2.2730	.01151	.03356	.02253	.11117	.02386	2.3264
#2	.00604	2.2813	.01146	.03397	.02252	.10946	.02404	2.3229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04388	.01096	2.0873	.04490	.04624	2.1566	.21991	.09625
Stddev	.00025	.00044	.0386	.00041	.00006	.0058	.00035	.00000
%RSD	.58063	3.9684	1.8483	.92363	.12569	.26892	.15815	.00082

#1	.04370	.01066	2.0600	.04519	.04620	2.1607	.21966	.09625
#2	.04406	.01127	2.1145	.04460	.04628	2.1525	.22016	.09626

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00854	.44078	.04084	.04695	.01905	.0166	.02274	F 3.3196
Stddev	.00153	.00166	.00055	.00084	.00039	.0000	.00015	.0146
%RSD	17.969	.37616	1.3419	1.7822	2.0211	.1920	.64445	.44025

#1	.00962	.43961	.04123	.04754	.01932	.0166	.02264	3.3092
#2	.00745	.44196	.04045	.04636	.01878	.0166	.02284	3.3299

Sample Name: LLCCV01 Acquired: 12/5/2018 12:28:02 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .45664
 Stddev .23523
 %RSD 51.514

#1 .29031
 #2 .62298

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.5	51157.	4018.0	94.825	4189.7
Stddev	1.0	43.	6.3	.071	.6
%RSD	.02646	.08493	.15775	.07457	.01498

#1	3867.8	51127.	4013.5	94.875	4190.1
#2	3869.2	51188.	4022.5	94.775	4189.2

Sample Name: CCB01 Acquired: 12/5/2018 12:32:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00043	-.00055	-.00351	-.00218	.00314	.00237
Stddev	.00152	.00008	.00028	.00229	.00133	.00370	.00104
%RSD	70.377	18.010	50.999	65.337	60.827	117.84	43.921

#1	-.00323	-.00048	-.00075	-.00513	-.00312	.00052	.00163
#2	-.00108	-.00037	-.00035	-.00189	-.00124	.00576	.00311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00001	-.00937	.00027	-.00010	-.00047	.01249
Stddev	.00005	.00007	.00420	.00015	.00001	.00029	.00212
%RSD	199.91	561.86	44.860	55.843	9.6239	60.623	16.976

#1	-.00001	-.00004	-.01234	.00017	-.00010	-.00027	.01398
#2	.00006	.00006	-.00640	.00038	-.00011	-.00068	.01099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01795	-.00017	.00012	-.09872	.00008	-.00047
Stddev	.00002	.01430	.00012	.00003	.01614	.00019	.00002
%RSD	138.44	79.688	68.184	27.449	16.348	236.62	3.5134

#1	-.00000	.00783	-.00009	.00014	-.11013	-.00005	-.00045
#2	-.00003	.02806	-.00025	.00009	-.08731	.00021	-.00048

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06815	.00008	-.00409	F -.01086	.00042	-.00148	.00195
Stddev	.03681	.00009	.01671	.00175	.00173	.00051	.00008
%RSD	54.018	103.88	408.19	16.093	417.74	34.423	4.2836

#1	-.04212	.00015	.00772	-.01209	.00164	-.00112	.00201
#2	-.09418	.00002	-.01591	-.00962	-.00081	-.00184	.00189

Sample Name: CCB01 Acquired: 12/5/2018 12:32:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00273	-0.0021	-0.00013	F 3.2740	F .19799
Stddev	.00089	.0001	.00005	.1598	.13868
%RSD	32.590	4.116	41.479	4.8804	70.043

#1	-0.00336	-0.0020	-0.00017	3.3870	.09993
#2	-0.00210	-0.0022	-0.00009	3.1610	.29605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.5	50996.	3923.3	92.042	4204.8
Stddev	9.0	4.	2.1	.919	15.5
%RSD	.23538	.00721	.05333	.99872	.36895

#1	3822.1	50994.	3921.8	91.392	4193.8
#2	3834.9	50999.	3924.7	92.692	4215.7

Sample Name: LR CHECK 1 Acquired: 12/5/2018 12:36:11 Type: Unk
Method: P4-ICP2(v2631) 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	-.04189	-.06650	-.02279	-.18819	.05402	1931.9	.01585	.00459
Stddev	.00502	.00245	.00265	.01045	.00025	5.9	.00067	.00023
%RSD	11.985	3.6892	11.609	5.5551	.45453	.30721	4.2156	5.0192
#1	-.03834	-.06476	-.02092	-.19558	.05419	1936.1	.01633	.00443
#2	-.04544	-.06823	-.02466	-.18080	.05384	1927.7	.01538	.00475
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01043	F 1845.0	.12756	.04379	-.04511	848.95	.03720	F 1858.4
Stddev	.00005	12.1	.00112	.00050	.00020	2.46	.00024	2.9
%RSD	.51457	.65360	.88035	1.1329	.44273	.29003	.64508	.15393
#1	.01047	1853.5	.12676	.04343	-.04526	850.69	.03737	1860.4
#2	.01039	1836.4	.12835	.04414	-.04497	847.21	.03703	1856.4
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11645	-.05368	1790.2	.00659	.10710	976.59	.03056	-.31689
Stddev	.00153	.00055	27.4	.00024	.00043	2.41	.00109	.01321
%RSD	1.3101	1.0311	1.5294	3.6773	.39731	.24687	3.5594	4.1685
#1	.11538	-.05407	1809.5	.00677	.10740	978.29	.02979	-.32623
#2	.11753	-.05328	1770.8	.00642	.10680	974.88	.03133	-.30755
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43048	.09388	.04026	-.04757	.07217	.0585	-.91249	5.8899
Stddev	.02331	.00634	.00526	.00046	.00098	.0043	.00249	.0428
%RSD	5.4146	6.7531	13.065	.97026	1.3564	7.324	.27324	.72685
#1	.44696	.09836	.04398	-.04725	.07148	.0555	-.91425	5.8596
#2	.41400	.08940	.03654	-.04790	.07286	.0616	-.91072	5.9201

Sample Name: LR CHECK 1 Acquired: 12/5/2018 12:36:11 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 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	2553.0	33168.	3316.4	63.997	2029.7
Stddev	4.6	7.	8.6	.251	4.6
%RSD	.18001	.02042	.25804	.39183	.22674
#1	2549.7	33173.	3310.3	63.820	2026.4
#2	2556.2	33163.	3322.4	64.174	2032.9

Sample Name: LR CHECK 2 Acquired: 12/5/2018 12:40:35 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.01246	F 266.06	.01686	-.03300	-.26085	97.868	-.00101
Stddev	.00227	.00117	.87	.00043	.00062	.01089	.170	.00002
%RSD	144.15	9.3828	.32867	2.5745	1.8714	4.1751	.17376	2.4040

#1	-.00318	-.01163	266.68	.01655	-.03343	-.26855	97.748	-.00099
#2	.00003	-.01328	265.44	.01717	-.03256	-.25315	97.989	-.00103

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00769	.18190	-.13984	-.00635	F 256.52	-.86460	42.602	-.05207
Stddev	.00008	.02537	.00041	.00048	.07	.00258	.016	.01964
%RSD	1.0560	13.946	.29652	7.6152	.02818	.29798	.03861	37.717

#1	-.00763	.19984	-.14013	-.00601	256.57	-.86278	42.591	-.06596
#2	-.00775	.16396	-.13955	-.00670	256.47	-.86642	42.614	-.03818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.416	.00940	1.1621	-.00327	F 35.510	1.1280	-.00469	-.01268
Stddev	.184	.00074	.0403	.00028	.857	.0632	.00084	.00163
%RSD	.37220	7.8839	3.4705	8.4748	2.4123	5.5990	17.963	12.881

#1	49.286	.00887	1.1906	-.00347	36.116	1.1726	-.00528	-.01384
#2	49.546	.00992	1.1336	-.00308	34.904	1.0833	-.00409	-.01153

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08728	-.00685	-.00076	.02555	-.00057	-.0478	.00331	3.6957
Stddev	.00162	.00197	.00050	.00279	.00010	.0019	.00002	.0330
%RSD	1.8607	28.703	66.218	10.907	17.635	3.987	.45970	.89181

#1	.08843	-.00546	-.00111	.02358	-.00050	-.0491	.00330	3.6724
#2	.08613	-.00824	-.00040	.02752	-.00064	-.0464	.00332	3.7190

Sample Name: LR CHECK 2 Acquired: 12/5/2018 12:40:35 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.55547
Stddev	.45870
%RSD	82.578

#1	.23112
#2	.87981

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.3	51110.	4080.2	91.404	3817.8
Stddev	7.1	3.	2.5	2.221	12.2
%RSD	.19579	.00642	.06184	2.4304	.31931

#1	3632.4	51108.	4078.5	89.833	3826.4
#2	3622.3	51113.	4082.0	92.975	3809.1

Sample Name: J5775-03 Acquired: 12/5/2018 13:01:32 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06238	-.00679	.45321	-.02040	.00516	131.90	.52682
Stddev	.00001	.00015	.00315	.00082	.00147	.22	.00826
%RSD	.01056	2.2496	.69466	4.0290	28.427	.16363	1.5681

#1	.06238	-.00689	.45543	-.02099	.00412	131.74	.53266
#2	.06239	-.00668	.45098	-.01982	.00619	132.05	.52097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00663	-.00334	113.47	.21228	.09962	.62712	241.80
Stddev	.00009	.00004	1.57	.00288	.00063	.00430	.42
%RSD	1.3720	1.1098	1.3801	1.3553	.62853	.68602	.17212

#1	.00657	-.00331	114.57	.21024	.09918	.63017	241.51
#2	.00670	-.00336	112.36	.21431	.10006	.62408	242.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5204	39.792	.15522	-.00569	11.186	.35375	.85841
Stddev	.0029	.400	.00047	.00031	.104	.00337	.00322
%RSD	.08251	1.0059	.30055	5.4040	.92739	.95221	.37529

#1	3.5184	40.075	.15489	-.00547	11.259	.35137	.86069
#2	3.5225	39.509	.15554	-.00590	11.112	.35613	.85614

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.044	.00600	.06537	4.8679	6.0599	.04046	1.3909
Stddev	.118	.00018	.00969	.0009	.0916	.00038	.0002
%RSD	1.0727	2.9579	14.828	.01767	1.5109	.93691	.01473

#1	11.128	.00613	.05851	4.8685	6.1247	.04020	1.3910
#2	10.960	.00588	.07222	4.8673	5.9952	.04073	1.3908

Sample Name: J5775-03 Acquired: 12/5/2018 13:01:32 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14303	6.054	.42821	3.1619	F<.00000
Stddev	.00026	.011	.00893	.1359	1.3097
%RSD	.18094	.1852	2.0845	4.2977	1.8180

#1	.14284	6.062	.43452	3.2580	-71.116
#2	.14321	6.046	.42190	3.0658	-72.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.3	49823.	4209.7	83.109	3328.4
Stddev	3.9	20.	59.8	.282	7.5
%RSD	.10254	.04045	1.4208	.33971	.22472

#1	3793.5	49808.	4167.5	82.909	3333.7
#2	3799.0	49837.	4252.0	83.308	3323.1

Sample Name: J5775-03DUP Acquired: 12/5/2018 13:05:36 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06560	-.00753	.44338	-.01827	.00387	130.99	.52433
Stddev	.00123	.00216	.00088	.00553	.00095	.05	.00502
%RSD	1.8707	28.731	.19793	30.260	24.609	.03771	.95778

#1	.06473	-.00906	.44400	-.01436	.00320	130.96	.52788
#2	.06647	-.00600	.44276	-.02218	.00454	131.03	.52078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00654	-.00366	110.13	.20861	.09989	.62916	247.35
Stddev	.00005	.00034	.82	.00087	.00064	.00065	5.37
%RSD	.69915	9.1881	.74695	.41920	.64231	.10325	2.1701

#1	.00651	-.00390	110.71	.20799	.10034	.62871	251.14
#2	.00657	-.00342	109.55	.20923	.09943	.62962	243.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5150	39.390	.15499	-.00525	10.598	.35027	.87189
Stddev	.0029	.029	.00008	.00102	.118	.00011	.02250
%RSD	.08307	.07284	.05400	19.411	1.1166	.03211	2.5801

#1	3.5129	39.369	.15505	-.00453	10.682	.35019	.88780
#2	3.5171	39.410	.15493	-.00597	10.515	.35035	.85599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.750	.00608	.08510	4.8223	6.1890	.03754	1.3930
Stddev	.051	.00005	.01499	.0164	.0471	.00079	.0003
%RSD	.47439	.89205	17.619	.34039	.76029	2.1046	.02387

#1	10.786	.00604	.09570	4.8339	6.2222	.03810	1.3927
#2	10.714	.00612	.07450	4.8107	6.1557	.03698	1.3932

Sample Name: J5775-03DUP Acquired: 12/5/2018 13:05:36 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14098	6.052	.41167	2.9803	F<.00000
Stddev	.00095	.006	.00120	.0966	1.0910
%RSD	.67120	.0991	.29056	3.2399	1.5519

#1	.14165	6.056	.41252	2.9120	-69.532
#2	.14031	6.047	.41083	3.0485	-71.075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.1	50011.	4236.3	81.827	3332.5
Stddev	10.2	43.	43.8	2.236	7.7
%RSD	.26753	.08593	1.0336	2.7328	.23180

#1	3790.9	50041.	4205.3	80.246	3327.0
#2	3805.3	49981.	4267.3	83.408	3337.9

Sample Name: J5775-03LX5 Acquired: 12/5/2018 13:10:01 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7748 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01333	-.00218	.09828	-.00686	.00001	25.526	.10981	.00147
Stddev	.00419	.00164	.00180	.00003	.00074	.004	.00180	.00003
%RSD	31.412	74.952	1.8344	.47107	8519.8	.01486	1.6412	1.8353

#1	.01037	-.00334	.09955	-.00689	-.00051	25.529	.10854	.00149
#2	.01629	-.00103	.09700	-.00684	.00053	25.523	.11109	.00146

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	23.201	.04336	.01813	.13666	44.478	.73690	8.2396
Stddev	.00010	.029	.00019	.00002	.00040	.326	.00141	.0206
%RSD	10.169	.12645	.43341	.12954	.29388	.73380	.19191	.25002

#1	-.00104	23.181	.04323	.01815	.13638	44.709	.73590	8.2251
#2	-.00090	23.222	.04349	.01812	.13695	44.247	.73790	8.2542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02711	-.00163	2.0328	.07168	.16124	2.2631	.00104	-.00395
Stddev	.00046	.00045	.0104	.00035	.00047	.0016	.00020	.00589
%RSD	1.7034	27.484	.50935	.49207	.29276	.07216	19.642	149.28

#1	.02744	-.00131	2.0254	.07143	.16158	2.2642	.00090	.00022
#2	.02679	-.00194	2.0401	.07193	.16091	2.2619	.00119	-.00812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84492	.81610	.00530	.26405	.02818	1.055	.09147	4.5112
Stddev	.00244	.00276	.00069	.00139	.00193	.002	.00051	.0352
%RSD	.28857	.33836	13.021	.52760	6.8592	.1647	.55509	.78124

#1	.84320	.81415	.00579	.26503	.02955	1.056	.09182	4.5361
#2	.84664	.81806	.00481	.26306	.02682	1.053	.09111	4.4863

Sample Name: J5775-03LX5 Acquired: 12/5/2018 13:10:01 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7748 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.1659
Stddev .0898
%RSD 1.4565

#1 6.2294
#2 6.1024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.3	48371.	3898.1	88.616	3760.5
Stddev	20.9	35.	1.3	.492	23.3
%RSD	.56949	.07197	.03437	.55553	.62009

#1	3652.6	48346.	3899.0	88.268	3744.0
#2	3682.1	48395.	3897.1	88.964	3777.0

Sample Name: J5775-03MS Acquired: 12/5/2018 13:13:59 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89181	2.2371	1.6023	1.9423	.13670	160.65	.81478
Stddev	.00210	.0008	.0015	.0038	.00136	.16	.00803
%RSD	.23524	.03588	.09166	.19719	.99466	.09824	.98493

#1	.89033	2.2377	1.6013	1.9396	.13574	160.76	.82046
#2	.89330	2.2366	1.6034	1.9450	.13766	160.54	.80911

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22775	.22888	137.03	.66946	.36386	.92404	270.65
Stddev	.00070	.00024	.77	.00371	.00195	.00245	.18
%RSD	.30576	.10679	.55915	.55366	.53598	.26533	.06618

#1	.22725	.22905	137.57	.66684	.36524	.92231	270.78
#2	.22824	.22871	136.49	.67209	.36248	.92578	270.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6601	58.795	.75904	.06794	9.8644	.78750	1.1624
Stddev	.0055	.463	.00090	.00015	.0828	.00277	.0064
%RSD	.15037	.78792	.11807	.21870	.83922	.35154	.55030

#1	3.6562	59.122	.75841	.06804	9.9229	.78946	1.1579
#2	3.6640	58.467	.75968	.06783	9.8058	.78554	1.1669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.415	.39317	.32364	4.9470	F 10.658	.73137	2.2167
Stddev	.265	.00049	.00824	.0170	.041	.00049	.0220
%RSD	1.2360	.12413	2.5459	.34281	.38307	.06686	.99434

#1	21.603	.39352	.31782	4.9590	10.687	.73172	2.2323
#2	21.228	.39283	.32947	4.9350	10.630	.73103	2.2011

Sample Name: J5775-03MS Acquired: 12/5/2018 13:13:59 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39064	F 12.94	.65202	3.6232	F<.00000
Stddev	.00240	.01	.00531	.0238	.44119
%RSD	.61515	.1040	.81509	.65755	.51949

#1	.39234	12.95	.65578	3.6063	-84.616
#2	.38894	12.93	.64826	3.6400	-85.240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3659.2	48021.	4101.2	81.706	3170.7
Stddev	10.2	6.	23.4	.278	13.1
%RSD	.27834	.01210	.56981	.33992	.41391

#1	3652.0	48017.	4084.7	81.903	3161.4
#2	3666.4	48025.	4117.8	81.510	3180.0

Sample Name: J5775-03MSD Acquired: 12/5/2018 13:17:49 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89360	2.2435	1.6060	1.9539	.13728	160.71	.82454
Stddev	.00392	.0013	.0031	.0003	.00246	.40	.01112
%RSD	.43858	.05555	.19073	.01679	1.7939	.25052	1.3487

#1	.89083	2.2426	1.6081	1.9537	.13554	160.42	.81667
#2	.89637	2.2444	1.6038	1.9542	.13902	160.99	.83240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22951	.22910	138.17	.66636	.36530	.92645	279.64
Stddev	.00054	.00004	1.75	.00075	.00090	.00132	6.40
%RSD	.23452	.01768	1.2668	.11291	.24761	.14194	2.2895

#1	.22989	.22913	136.93	.66689	.36594	.92738	275.11
#2	.22913	.22907	139.40	.66583	.36466	.92552	284.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6742	59.112	.76327	.06970	9.9669	.79172	1.2055
Stddev	.0106	.787	.00009	.00089	.1298	.00464	.0209
%RSD	.28912	1.3316	.01121	1.2751	1.3023	.58608	1.7298

#1	3.6817	58.556	.76321	.06907	9.8752	.79500	1.1907
#2	3.6666	59.669	.76333	.07033	10.059	.78844	1.2202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.596	.39430	.33898	4.9811	F 10.792	.73212	2.2143
Stddev	.251	.00075	.00950	.0344	.086	.00060	.0408
%RSD	1.1624	.19130	2.8023	.68980	.79508	.08216	1.8416

#1	21.418	.39483	.33226	4.9568	10.732	.73255	2.1855
#2	21.773	.39377	.34570	5.0054	10.853	.73170	2.2432

Sample Name: J5775-03MSD Acquired: 12/5/2018 13:17:49 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-DUP01-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39132	F 12.99	.65041	3.4783	F<.00000
Stddev	.00612	.05	.00342	.0856	1.0767
%RSD	1.5633	.3869	.52520	2.4605	1.2577

#1	.38700	12.95	.64799	3.4178	-84.847
#2	.39565	13.02	.65282	3.5388	-86.370

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.4	47982.	4065.8	78.985	3164.5
Stddev	3.2	89.	33.8	1.279	4.2
%RSD	.08883	.18470	.83062	1.6187	.13225

#1	3654.1	47920.	4089.7	79.890	3167.5
#2	3658.7	48045.	4042.0	78.081	3161.6

Sample Name: J5775-03A Acquired: 12/5/2018 13:21:40 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14271 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90443	2.2559	1.6213	1.9662	.13968	160.78	.83340
Stddev	.00041	.0055	.0064	.0032	.00294	.12	.00007
%RSD	.04516	.24491	.39569	.16280	2.1020	.07374	.00875

#1	.90414	2.2520	1.6167	1.9640	.14176	160.70	.83335
#2	.90472	2.2598	1.6258	1.9685	.13761	160.87	.83345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22876	.23162	139.06	.66741	.36896	.93225	275.19
Stddev	.00016	.00082	.28	.00230	.00027	.00026	4.04
%RSD	.07045	.35233	.20283	.34450	.07372	.02764	1.4668

#1	.22888	.23105	138.86	.66903	.36877	.93207	278.05
#2	.22865	.23220	139.26	.66578	.36915	.93244	272.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6791	60.213	.76759	.07064	10.038	.78828	1.1907
Stddev	.0005	.306	.00193	.00093	.048	.00017	.0264
%RSD	.01272	.50900	.25160	1.3209	.47562	.02112	2.2162

#1	3.6794	59.997	.76623	.07130	10.004	.78840	1.2094
#2	3.6788	60.430	.76896	.06998	10.072	.78816	1.1721

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.800	.39894	.32166	4.9907	F 10.897	.73214	2.2587
Stddev	.097	.00050	.01881	.0427	.008	.00789	.0094
%RSD	.44639	.12620	5.8491	.85587	.07488	1.0771	.41733

#1	21.731	.39930	.33496	4.9605	10.902	.72656	2.2521
#2	21.869	.39859	.30836	5.0209	10.891	.73772	2.2654

Sample Name: J5775-03A Acquired: 12/5/2018 13:21:40 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14271 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.39831	F 13.01	.66336	3.4283	F<.00000
Stddev	.00054	.09	.00851	.0735	1.0979
%RSD	.13599	.6894	1.2827	2.1447	1.2934

#1	.39793	12.95	.65734	3.4803	-85.659
#2	.39870	13.08	.66937	3.3763	-84.106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.1	47928.	4026.3	80.194	3150.7
Stddev	5.2	135.	1.0	1.795	.1
%RSD	.14398	.28257	.02449	2.2383	.00472

#1	3623.4	47832.	4025.6	78.925	3150.6
#2	3630.7	48024.	4027.0	81.464	3150.8

Sample Name: J6206-09 Acquired: 12/5/2018 13:25:30 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-6A-(Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01346	-.00072	.60771	-.00187	-.00131	19.171	.09000	.00072
Stddev	.00240	.00077	.00626	.00022	.00110	.000	.00037	.00002
%RSD	17.793	106.25	1.0300	11.845	84.427	.00110	.40770	2.2227

#1	.01177	-.00127	.61214	-.00171	-.00053	19.171	.08974	.00073
#2	.01516	-.00018	.60329	-.00203	-.00208	19.171	.09026	.00071

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	1.2553	.19542	.01007	.09673	23.947	.38266	2.4843
Stddev	.00002	.0339	.00120	.00017	.00083	.554	.00120	.0298
%RSD	8.3087	2.6973	.61382	1.6569	.85576	2.3133	.31293	1.1981

#1	.00022	1.2314	.19627	.01018	.09732	23.555	.38182	2.5054
#2	.00020	1.2793	.19458	.00995	.09614	24.339	.38351	2.4633

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06779	.00018	.04543	.06877	.11474	2.0619	.00335	-.01553
Stddev	.00019	.00078	.00866	.00006	.00180	.0052	.00014	.00388
%RSD	.27483	439.60	19.063	.09017	1.5649	.25184	4.2690	24.975

#1	.06792	.00073	.03931	.06882	.11347	2.0655	.00345	-.01278
#2	.06766	-.00037	.05156	.06873	.11601	2.0582	.00325	-.01827

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2195	2.0888	.01309	.84584	.00274	.9784	-.01393	3.7452
Stddev	.0113	.0896	.00059	.00798	.00050	.0024	.00038	.1437
%RSD	.92666	4.2886	4.5041	.94315	18.362	.2442	2.7331	3.8375

#1	1.2275	2.1522	.01351	.85148	.00238	.9801	-.01366	3.6435
#2	1.2115	2.0255	.01268	.84020	.00310	.9767	-.01420	3.8468

Sample Name: J6206-09 Acquired: 12/5/2018 13:25:30 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-6A-(Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.1247
 Stddev .4801
 %RSD 7.8395

#1 6.4642
 #2 5.7851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.8	50725.	3988.6	91.600	3998.7
Stddev	19.3	82.	37.8	1.662	26.7
%RSD	.51221	.16235	.94765	1.8141	.66825

#1	3760.2	50783.	4015.3	92.775	3979.8
#2	3787.5	50667.	3961.9	90.425	4017.6

Sample Name: J6206-11 Acquired: 12/5/2018 13:29:28 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-6B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00150	-.00329	.04200	-.00377	-.00056	22.461	.09533	.00111
Stddev	.00156	.00003	.00047	.00237	.00124	.455	.00110	.00001
%RSD	103.42	.91923	1.1210	62.706	222.65	2.0250	1.1517	1.1236

#1	-.00261	-.00327	.04233	-.00210	-.00144	22.782	.09456	.00112
#2	-.00040	-.00331	.04167	-.00544	.00032	22.139	.09611	.00111

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.63633	.07015	.03330	.02434	25.617	1.9212	3.4509
Stddev	.00001	.01319	.00119	.00027	.00055	.215	.0395	.0384
%RSD	13.914	2.0726	1.6939	.80041	2.2706	.83974	2.0554	1.1139

#1	-.00005	.62701	.07099	.03349	.02395	25.769	1.9491	3.4781
#2	-.00006	.64566	.06931	.03311	.02473	25.465	1.8933	3.4237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04741	-.00083	.04789	.03106	.12188	3.3856	.00050	-.01596
Stddev	.00018	.00013	.00582	.00046	.00078	.0517	.00016	.00465
%RSD	.38505	16.206	12.151	1.4673	.63639	1.5285	31.531	29.130

#1	.04729	-.00092	.04377	.03138	.12242	3.4222	.00039	-.01268
#2	.04754	-.00073	.05200	.03073	.12133	3.3490	.00061	-.01925

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38122	1.7778	-.00098	1.6326	.00703	.6407	-.02075	3.9042
Stddev	.00134	.0312	.00083	.0063	.00035	.0024	.00015	.4980
%RSD	.35150	1.7544	84.159	.38426	4.9582	.3717	.70367	12.755

#1	.38216	1.7557	-.00040	1.6371	.00678	.6390	-.02085	4.2563
#2	.38027	1.7998	-.00157	1.6282	.00727	.6424	-.02065	3.5520

Sample Name: J6206-11 Acquired: 12/5/2018 13:29:28 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-6B-(Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.4934
 Stddev .5097
 %RSD 7.8489

#1 6.1330
 #2 6.8537

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.5	50571.	3997.2	88.771	3860.6
Stddev	1.5	984.	11.2	.713	.7
%RSD	.04069	1.9465	.28015	.80319	.01937

#1	3737.6	49874.	4005.1	88.267	3860.1
#2	3735.4	51267.	3989.3	89.275	3861.2

Sample Name: CCV02 Acquired: 12/5/2018 14:02:07 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0164	4.7468	4.9478	4.8522	5.0530	9.8673	9.8116	.24431
Stddev	.0133	.0062	.0113	.0183	.0058	.0149	.0131	.00033
%RSD	.26441	.12956	.22828	.37779	.11476	.15134	.13352	.13388

#1	5.0070	4.7425	4.9558	4.8392	5.0489	9.8779	9.8209	.24408
#2	5.0257	4.7512	4.9398	4.8651	5.0571	9.8567	9.8023	.24455

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3789	25.009	.97017	2.4226	1.2163	4.5569	2.4486	24.160
Stddev	.0015	.035	.00096	.0017	.0018	.0268	.0018	.099
%RSD	.06455	.14133	.09882	.07105	.14659	.58885	.07264	.40830

#1	2.3800	24.984	.97085	2.4238	1.2151	4.5758	2.4474	24.229
#2	2.3778	25.034	.96949	2.4214	1.2176	4.5379	2.4499	24.090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3316	1.1769	23.162	2.2711	2.4577	24.330	5.0252	4.7076
Stddev	.0038	.0005	.034	.0043	.0004	.037	.0062	.0024
%RSD	.16210	.03952	.14493	.18942	.01668	.15136	.12393	.05148

#1	2.3343	1.1766	23.139	2.2681	2.4580	24.356	5.0208	4.7093
#2	2.3290	1.1773	23.186	2.2742	2.4574	24.304	5.0296	4.7059

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5270	4.9616	4.5309	4.8021	4.8506	4.698	5.1094	F 4.2887
Stddev	.0003	.0195	.0066	.0045	.0008	.005	.0116	.0216
%RSD	.00587	.39253	.14527	.09298	.01738	.1178	.22613	.50373

#1	4.5272	4.9478	4.5262	4.8053	4.8500	4.702	5.1013	4.2734
#2	4.5268	4.9753	4.5355	4.7990	4.8512	4.694	5.1176	4.3040

Sample Name: CCV02 Acquired: 12/5/2018 14:02:07 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8947
Stddev .1927
%RSD 10.171

#1 1.7584
#2 2.0309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3751.3	50173.	4130.6	92.616	3776.7
Stddev	.4	52.	6.5	.015	5.7
%RSD	.01155	.10457	.15696	.01618	.15124

#1	3751.6	50136.	4135.2	92.627	3772.7
#2	3751.0	50210.	4126.0	92.606	3780.8

Sample Name: CCB02 Acquired: 12/5/2018 14:05:50 Type: Unk
Method: P4-ICP2(v2631) 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	.00031	.00116	.00422	-.00200	-.00167	.00742	.00056
Stddev	.00080	.00019	.00095	.00191	.00088	.00622	.00072
%RSD	261.94	16.798	22.588	95.200	52.630	83.827	128.85

#1	.00087	.00102	.00489	-.00065	-.00229	.01182	.00107
#2	-.00026	.00130	.00354	-.00335	-.00105	.00302	.00005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	-.01464	.00015	-.00008	-.00014	.00777
Stddev	.00001	.00006	.01501	.00032	.00003	.00018	.00711
%RSD	14.793	93.561	102.56	220.99	33.383	127.47	91.550

#1	.00004	.00010	-.02526	-.00008	-.00010	-.00001	.00274
#2	.00004	.00002	-.00402	.00038	-.00006	-.00027	.01279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00944	.00065	.00038	-.09283	.00041	-.00052
Stddev	.00000	.02098	.00034	.00011	.00187	.00060	.00009
%RSD	12.877	222.28	51.604	29.186	2.0186	145.54	16.615

#1	.00004	-.02427	.00041	.00046	-.09151	.00084	-.00046
#2	.00003	.00540	.00089	.00030	-.09416	-.00001	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03512	.00045	-.00704	-.00637	.00258	-.00090	-.00012
Stddev	.00207	.00020	.00380	.00032	.00303	.00097	.00004
%RSD	5.8912	45.239	53.906	4.9830	117.79	107.40	35.734

#1	.03658	.00059	-.00436	-.00614	.00472	-.00022	-.00009
#2	.03366	.00030	-.00973	-.00659	.00043	-.00159	-.00015

Sample Name: CCB02 Acquired: 12/5/2018 14:05:50 Type: Unk
Method: P4-ICP2(v2631) 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	-.00389	-.0024	.00003	F 3.1183	F<.00000
Stddev	.00023	.0006	.00003	.1423	.31656
%RSD	5.8580	26.79	82.961	4.5648	54.692

#1	-.00405	-.0028	.00005	3.0177	-.35496
#2	-.00373	-.0019	.00001	3.2190	-.80265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3911.2	52674.	4177.4	98.433	4350.3
Stddev	.8	180.	7.5	.189	4.6
%RSD	.02155	.34266	.17904	.19156	.10582

#1	3911.8	52802.	4172.1	98.567	4347.0
#2	3910.6	52547.	4182.7	98.300	4353.5

Sample Name: PB115298BL Acquired: 12/5/2018 14:09:55 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00033	.00202	-.00210	-.00077	.01547	.00077
Stddev	.00016	.00006	.00111	.00033	.00068	.00815	.00070
%RSD	716.53	17.783	55.126	15.523	88.119	52.649	91.606

#1	.00014	.00037	.00281	-.00187	-.00029	.00971	.00027
#2	-.00009	.00029	.00123	-.00233	-.00125	.02123	.00127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00007	-.01396	-.00027	.00001	-.00073	.00455
Stddev	.00010	.00010	.01188	.00040	.00012	.00049	.00076
%RSD	247.31	138.16	85.094	150.87	1089.3	66.398	16.784

#1	.00012	.00014	-.02236	.00002	.00010	-.00039	.00509
#2	-.00003	.00000	-.00556	-.00055	-.00008	-.00108	.00401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01354	.00079	.00015	-.10593	.00030	-.00057
Stddev	.00005	.00163	.00018	.00052	.00202	.00004	.00003
%RSD	3566.9	12.005	23.322	351.61	1.9028	12.917	5.1788

#1	.00003	-.01239	.00066	-.00022	-.10450	.00032	-.00054
#2	-.00003	-.01469	.00092	.00051	-.10735	.00027	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03713	.00014	-.00943	F -.01199	.00287	-.00170	.00224
Stddev	.04729	.00006	.00097	.00003	.00170	.00030	.00060
%RSD	127.35	41.666	10.289	.21917	59.301	17.468	26.530

#1	.00369	.00018	-.01012	-.01201	.00167	-.00149	.00267
#2	.07057	.00010	-.00874	-.01197	.00408	-.00191	.00182

Sample Name: PB115298BL Acquired: 12/5/2018 14:09:55 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002M-35TH-AV Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00533	-0.0028	-0.00000	F 2.9407	F<.00000
Stddev	.00093	.0004	.00011	.0695	.38732
%RSD	17.445	12.74	19721.	2.3633	136.54

#1	-0.00599	-0.0026	-0.00008	2.9898	-.55756
#2	-0.00467	-0.0031	.00008	2.8915	-.00980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3899.1	52821.	4178.8	97.425	4343.2
Stddev	7.6	96.	39.1	1.791	2.3
%RSD	.19498	.18217	.93606	1.8387	.05196

#1	3904.5	52753.	4151.1	96.158	4344.8
#2	3893.7	52889.	4206.5	98.692	4341.6

Sample Name: PB115298BS Acquired: 12/5/2018 14:14:00 Type: Unk
Method: P4-ICP2(v2631) 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	.77653	1.8689	.96010	1.8403	.80962	1.9617	.21119
Stddev	.00131	.0029	.00051	.0015	.00057	.0001	.00137
%RSD	.16828	.15533	.05323	.07987	.06995	.00288	.64806

#1	.77560	1.8669	.95974	1.8393	.80922	1.9617	.21216
#2	.77745	1.8710	.96046	1.8414	.81002	1.9618	.21022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18886	.18056	1.1043	.41250	.19531	.30964	2.8485
Stddev	.00017	.00063	.0138	.00073	.00017	.00014	.0223
%RSD	.09019	.35139	1.2515	.17685	.08689	.04516	.78414

#1	.18898	.18011	1.1141	.41302	.19519	.30974	2.8327
#2	.18874	.18101	1.0945	.41198	.19543	.30954	2.8643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21103	2.0599	.46558	.06652	2.9050	.28174	.20437
Stddev	.00026	.0323	.00136	.00049	.0046	.00042	.00118
%RSD	.12513	1.5658	.29245	.74272	.15911	.14893	.57892

#1	.21122	2.0371	.46462	.06687	2.9017	.28204	.20353
#2	.21084	2.0827	.46654	.06617	2.9083	.28145	.20520

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.239	.43022	.28466	F 1.1136	.99000	.61839	.20114
Stddev	.000	.00029	.00162	.0101	.00273	.00264	.00364
%RSD	.00235	.06800	.57045	.90718	.27536	.42654	1.8083

#1	10.240	.43001	.28581	1.1065	.99193	.61652	.20371
#2	10.239	.43043	.28352	1.1208	.98808	.62025	.19856

Sample Name: PB115298BS Acquired: 12/5/2018 14:14:00 Type: Unk
Method: P4-ICP2(v2631) 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	.20588	5.014	.21628	F 3.8107	F<.00000
Stddev	.00126	.014	.00041	.0465	.22612
%RSD	.61349	.2880	.19088	1.2205	7.4384

#1	.20499	5.004	.21658	3.7778	-2.8800
#2	.20677	5.024	.21599	3.8436	-3.1998

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.9	52065.	4077.3	95.171	4191.3
Stddev	7.1	221.	16.9	.018	7.8
%RSD	.18439	.42453	.41536	.01857	.18506

#1	3832.9	51909.	4065.3	95.158	4185.8
#2	3842.9	52222.	4089.2	95.183	4196.8

Sample Name: PB115152BL Acquired: 12/5/2018 14:17:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7746 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	.00034	.00176	-.00032	-.00232	-.00541	.00043
Stddev	.00258	.00084	.00088	.00097	.00062	.00446	.00044
%RSD	151.43	245.36	49.951	306.38	26.627	82.438	102.35

#1	.00012	.00093	.00238	.00037	-.00188	-.00856	.00012
#2	-.00353	-.00025	.00114	-.00100	-.00275	-.00226	.00075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	-.01370	.00005	.00015	-.00024	-.00200
Stddev	.00001	.00006	.00580	.00002	.00001	.00028	.01812
%RSD	45.751	136.77	42.351	35.548	6.0406	114.47	906.34

#1	.00002	.00000	-.00960	.00006	.00014	-.00005	-.01481
#2	.00001	.00009	-.01781	.00004	.00015	-.00044	.01081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01215	.00092	.00001	-.10973	.00007	-.00091
Stddev	.00003	.01287	.00075	.00019	.00346	.00031	.00001
%RSD	68.390	105.93	81.351	2352.2	3.1574	459.82	1.1140

#1	-.00006	.02126	.00039	.00014	-.11218	-.00015	-.00090
#2	-.00002	.00305	.00144	-.00012	-.10728	.00028	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03656	.00014	-.00769	-.00818	.00297	-.00183	.00132
Stddev	.00540	.00018	.00934	.00195	.00209	.00069	.00005
%RSD	14.755	128.95	121.42	23.855	70.230	37.909	4.0228

#1	.04038	.00001	-.01429	-.00680	.00149	-.00134	.00128
#2	.03275	.00027	-.00109	-.00955	.00444	-.00232	.00136

Sample Name: PB115152BL Acquired: 12/5/2018 14:17:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7746 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	-.0032	.00001	F 3.4358	F<.00000
Stddev	.00034	.0006	.00003	.1654	.05641
%RSD	7.6100	18.44	643.31	4.8129	10.260

#1	-.00476	-.0028	-.00002	3.3188	-.58970
#2	-.00427	-.0036	.00003	3.5527	-.50992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3877.6	52376.	4117.0	97.621	4326.1
Stddev	14.0	27.	61.1	.324	10.9
%RSD	.36029	.05070	1.4843	.33199	.25286

#1	3867.8	52357.	4160.2	97.850	4318.4
#2	3887.5	52394.	4073.8	97.392	4333.9

Sample Name: PB115152BS Acquired: 12/5/2018 14:21:57 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7746 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77214	1.8811	.95355	1.9016	.79061	1.9003	.20445
Stddev	.00116	.0026	.00013	.0062	.00494	.0182	.00004
%RSD	.14970	.13692	.01351	.32372	.62437	.95600	.01817

#1	.77132	1.8829	.95346	1.8973	.78712	1.8875	.20447
#2	.77295	1.8793	.95364	1.9060	.79410	1.9132	.20442

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19287	.18034	1.0243	.39737	.19026	.30843	2.6888
Stddev	.00051	.00066	.0165	.00148	.00064	.00031	.0173
%RSD	.26520	.36568	1.6162	.37158	.33457	.09980	.64319

#1	.19250	.17987	1.0126	.39632	.18981	.30821	2.7010
#2	.19323	.18080	1.0360	.39841	.19071	.30865	2.6766

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20367	1.9772	.45728	.06729	2.7941	.27147	.19666
Stddev	.00035	.0311	.00142	.00001	.0222	.00047	.00550
%RSD	.17410	1.5715	.31152	.01722	.79583	.17242	2.7991

#1	.20342	1.9552	.45627	.06728	2.7783	.27114	.20055
#2	.20392	1.9992	.45829	.06730	2.8098	.27180	.19276

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9704	.41315	.27091	F -.01381	.95450	.60256	.19193
Stddev	.0468	.00007	.00235	.00183	.00509	.00032	.00141
%RSD	.46956	.01660	.86679	13.253	.53315	.05250	.73711

#1	9.9373	.41310	.27258	-.01251	.95810	.60234	.19093
#2	10.004	.41319	.26925	-.01510	.95090	.60279	.19293

Sample Name: PB115152BS Acquired: 12/5/2018 14:21:57 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7746 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19666	5.060	.20873	F 3.6481	F<.00000
Stddev	.00202	.007	.00038	.0446	.26607
%RSD	1.0272	.1383	.18436	1.2226	12.548

#1	.19523	5.056	.20900	3.6165	-2.3086
#2	.19808	5.065	.20846	3.6796	-1.9323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.7	51906.	4087.8	97.171	4176.7
Stddev	6.9	15.	25.7	2.893	2.3
%RSD	.17910	.02956	.62753	2.9775	.05489

#1	3842.8	51917.	4069.6	95.125	4178.3
#2	3852.5	51896.	4105.9	99.217	4175.1

Sample Name: J6128-01 Acquired: 12/5/2018 14:25:49 Type: Unk
Method: P4-ICP2(v2631) 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	-.00158	-.00023	.00077	-.00093	-.00371	-.01797	.01657	.00008
Stddev	.00177	.00040	.00152	.00135	.00065	.00757	.00020	.00001
%RSD	111.91	175.13	197.98	145.78	17.669	42.094	1.1772	15.765
#1	-.00283	-.00051	.00185	.00003	-.00324	-.02332	.01671	.00009
#2	-.00033	.00005	-.00031	-.00188	-.00417	-.01262	.01643	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	33.467	.00005	-.00032	.00039	.02783	.00301	34.578
Stddev	.00003	.210	.00010	.00004	.00004	.00721	.00009	.163
%RSD	93.849	.62655	228.90	13.639	10.881	25.921	2.8493	.47260
#1	-.00001	33.319	.00012	-.00029	.00036	.02273	.00307	34.462
#2	-.00006	33.615	-.00003	-.00035	.00042	.03293	.00295	34.693
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00031	254.05	.00098	-.00049	11.053	.00026	.09641
Stddev	.00083	.00050	1.34	.00017	.00003	.015	.00037	.00261
%RSD	147.05	162.99	.52748	17.543	5.9880	.13197	143.50	2.7084
#1	-.00115	.00066	253.11	.00111	-.00047	11.063	-.00000	.09825
#2	.00002	-.00005	255.00	.00086	-.00051	11.043	.00052	.09456
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.796	2.7250	-.01069	.00063	-.00348	.0308	.29570	4.5743
Stddev	.233	.0119	.00004	.00421	.00174	.0026	.00164	.1285
%RSD	1.0220	.43629	.33070	666.62	50.144	8.512	.55527	2.8086
#1	22.631	2.7166	-.01072	-.00234	-.00471	.0327	.29453	4.6651
#2	22.960	2.7334	-.01067	.00361	-.00224	.0290	.29686	4.4834

Sample Name: J6128-01 Acquired: 12/5/2018 14:25:49 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4639
Stddev	.9699
%RSD	39.366

#1	3.1497
#2	1.7780

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.9	49284.	4193.0	98.859	3829.7
Stddev	22.1	64.	18.0	.836	32.1
%RSD	.59137	.12895	.42868	.84555	.83774

#1	3760.5	49239.	4205.7	99.451	3852.4
#2	3729.2	49329.	4180.3	98.268	3807.1

Sample Name: J6128-01DUP Acquired: 12/5/2018 14:29:57 Type: Unk
Method: P4-ICP2(v2631) 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	.00133	.00030	-.00015	-.00044	-.00346	-.02121	.01710	.00012
Stddev	.00001	.00000	.00086	.00328	.00042	.00336	.00052	.00002
%RSD	.60319	1.3248	556.82	750.33	12.274	15.857	3.0292	19.828
#1	.00134	.00030	-.00076	-.00276	-.00316	-.01883	.01747	.00010
#2	.00133	.00029	.00045	.00188	-.00376	-.02359	.01674	.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	33.423	-.00005	-.00029	.00052	.02881	.00303	34.817
Stddev	.00000	.069	.00007	.00017	.00021	.00063	.00003	.009
%RSD	9.4073	.20684	140.32	56.952	41.462	2.1970	.85066	.02502
#1	-.00006	33.374	-.00000	-.00041	.00067	.02836	.00302	34.824
#2	-.00005	33.472	-.00010	-.00017	.00036	.02926	.00305	34.811
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	.00004	256.83	.00058	-.00062	11.120	.00067	.09592
Stddev	.00009	.00038	1.45	.00036	.00013	.012	.00010	.00097
%RSD	11.541	892.29	.56409	61.489	20.685	.10932	15.304	1.0127
#1	-.00080	.00031	255.80	.00083	-.00053	11.111	.00074	.09523
#2	-.00068	-.00022	257.85	.00033	-.00071	11.128	.00060	.09660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.886	2.7616	-.01079	.00047	-.00424	.0318	.29842	4.8999
Stddev	.040	.0227	.00034	.00045	.00118	.0012	.00008	.1223
%RSD	.17590	.82289	3.1313	94.488	27.901	3.920	.02836	2.4951
#1	22.857	2.7456	-.01102	.00016	-.00340	.0309	.29836	4.8135
#2	22.914	2.7777	-.01055	.00079	-.00507	.0327	.29848	4.9864

Sample Name: J6128-01DUP Acquired: 12/5/2018 14:29:57 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4175
Stddev	.5106
%RSD	21.121

#1	2.7785
#2	2.0565

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.9	48742.	4153.4	99.580	3830.0
Stddev	4.6	120.	28.8	1.651	18.1
%RSD	.12235	.24603	.69283	1.6578	.47183

#1	3725.2	48827.	4173.8	100.75	3842.8
#2	3718.7	48658.	4133.1	98.413	3817.2

Sample Name: J6128-01LX5 Acquired: 12/5/2018 14:34:05 Type: Unk
Method: P4-ICP2(v2631) 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	-.00206	.00028	.00205	-.00296	-.00217	.00601	.00481	.00007
Stddev	.00036	.00059	.00174	.00112	.00023	.00411	.00008	.00000
%RSD	17.352	210.85	84.743	37.973	10.497	68.466	1.5585	4.4144

#1	-.00231	-.00014	.00328	-.00375	-.00201	.00310	.00476	.00007
#2	-.00180	.00070	.00082	-.00216	-.00233	.00892	.00487	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.8486	-.00003	-.00021	-.00057	.00494	.00056	7.1601
Stddev	.00014	.0331	.00007	.00006	.00040	.00740	.00006	.0728
%RSD	989.81	.48324	221.24	28.851	70.089	149.95	10.751	1.0175

#1	.00011	6.8720	.00002	-.00025	-.00085	.01017	.00052	7.1086
#2	-.00008	6.8252	-.00009	-.00017	-.00029	-.00030	.00060	7.2116

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00001	52.113	.00030	-.00065	2.4367	.00023	.01472
Stddev	.00027	.00004	.060	.00037	.00003	.0009	.00027	.00241
%RSD	311.95	283.32	.11457	124.53	4.4645	.03667	115.34	16.374

#1	.00028	-.00004	52.071	.00004	-.00063	2.4374	.00042	.01643
#2	-.00010	.00001	52.155	.00056	-.00067	2.4361	.00004	.01302

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3563	.57682	-.00308	.00240	-.00009	.0030	.06152	4.4835
Stddev	.0001	.00138	.00031	.00138	.00121	.0004	.00066	.0341
%RSD	.00342	.23994	10.006	57.420	1385.1	13.49	1.0705	.76135

#1	4.3562	.57585	-.00286	.00143	-.00095	.0027	.06199	4.5076
#2	4.3564	.57780	-.00330	.00338	.00077	.0032	.06106	4.4593

Sample Name: J6128-01LX5 Acquired: 12/5/2018 14:34:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.19151
Stddev	.08450
%RSD	44.125

#1	.13175
#2	.25126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.7	49989.	4085.6	96.729	4017.8
Stddev	6.7	96.	16.9	2.825	.6
%RSD	.17762	.19248	.41284	2.9206	.01398

#1	3742.0	49921.	4073.6	94.731	4017.4
#2	3751.4	50057.	4097.5	98.726	4018.2

Sample Name: J6128-01MS Acquired: 12/5/2018 14:38:06 Type: Unk
Method: P4-ICP2(v2631) 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	.93776	2.0467	1.0980	2.2494	.95599	2.3377	.24581	.23445
Stddev	.00217	.0079	.0007	.0011	.00196	.0034	.00055	.00082
%RSD	.23096	.38546	.06337	.04755	.20451	.14468	.22238	.34848

#1	.93929	2.0523	1.0985	2.2502	.95737	2.3353	.24542	.23503
#2	.93623	2.0411	1.0975	2.2487	.95460	2.3401	.24619	.23387

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21383	34.677	.45368	.22150	.33834	3.0122	.23004	36.479
Stddev	.00057	.261	.00044	.00090	.00088	.0027	.00008	.033
%RSD	.26673	.75382	.09667	.40821	.25965	.08981	.03261	.09146

#1	.21424	34.492	.45337	.22214	.33897	3.0141	.23009	36.502
#2	.21343	34.861	.45399	.22086	.33772	3.0103	.22999	36.455

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52862	.07469	253.10	.31949	.22269	22.345	.48348	.42135
Stddev	.00311	.00042	1.70	.00094	.00048	.011	.00023	.00061
%RSD	.58834	.56829	.66993	.29272	.21418	.04840	.04702	.14506

#1	.53082	.07499	251.90	.32015	.22303	22.337	.48332	.42091
#2	.52642	.07439	254.30	.31883	.22236	22.353	.48364	.42178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.539	3.8287	.73197	.22828	.21790	6.681	.53164	4.8067
Stddev	.005	.0050	.00191	.00065	.00093	.017	.00026	.0016
%RSD	.02147	.13148	.26095	.28480	.42517	.2609	.04858	.03371

#1	22.543	3.8252	.73332	.22782	.21725	6.694	.53182	4.8078
#2	22.536	3.8323	.73062	.22874	.21856	6.669	.53146	4.8055

Sample Name: J6128-01MS Acquired: 12/5/2018 14:38:06 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.50887
Stddev	.58949
%RSD	115.84

#1	.09204
#2	.92570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.5	49238.	4126.9	98.500	3786.1
Stddev	1.6	125.	8.8	.024	9.0
%RSD	.04394	.25401	.21417	.02388	.23865

#1	3729.3	49149.	4133.2	98.483	3779.7
#2	3731.7	49326.	4120.7	98.517	3792.4

Sample Name: J6128-01MSD Acquired: 12/5/2018 14:41:58 Type: Unk
Method: P4-ICP2(v2631) 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	.93657	2.0350	1.0874	2.2583	.95031	2.3170	.24392	.23561
Stddev	.00264	.0057	.0027	.0166	.00193	.0524	.00021	.00309
%RSD	.28224	.28025	.24753	.73444	.20360	2.2600	.08574	1.3105
#1	.93470	2.0310	1.0855	2.2466	.94894	2.2800	.24377	.23343
#2	.93844	2.0390	1.0893	2.2701	.95167	2.3540	.24407	.23779
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21264	34.504	.45604	.22088	.33739	3.0470	.23055	36.283
Stddev	.00058	.059	.00620	.00003	.00219	.0516	.00236	.107
%RSD	.27205	.16991	1.3602	.01570	.64831	1.6925	1.0230	.29571
#1	.21223	34.546	.45165	.22085	.33585	3.0834	.22888	36.359
#2	.21305	34.463	.46042	.22090	.33894	3.0105	.23222	36.208
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52521	.07486	253.00	.32058	.22560	22.256	.48194	.40908
Stddev	.00190	.00146	4.96	.00333	.00625	.048	.00108	.01297
%RSD	.36245	1.9539	1.9593	1.0392	2.7697	.21388	.22494	3.1716
#1	.52386	.07382	256.50	.31822	.23002	22.290	.48117	.39990
#2	.52656	.07589	249.49	.32293	.22118	22.223	.48271	.41825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.534	3.7953	.73066	.22541	.21689	6.665	.52805	4.8245
Stddev	.054	.0417	.00484	.00201	.00259	.022	.00237	.2685
%RSD	.23935	1.0984	.66216	.89122	1.1944	.3275	.44937	5.5653
#1	22.496	3.8248	.72724	.22683	.21872	6.649	.52972	4.6347
#2	22.573	3.7658	.73408	.22399	.21506	6.680	.52637	5.0144

Sample Name: J6128-01MSD Acquired: 12/5/2018 14:41:58 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.28577
%RSD	42.213

#1	-.87903
#2	-.47489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.7	48921.	4138.6	97.056	3792.9
Stddev	13.2	440.	44.4	2.273	8.4
%RSD	.35388	.89911	1.0718	2.3425	.22077

#1	3736.1	49232.	4107.3	95.448	3798.8
#2	3717.4	48610.	4170.0	98.664	3786.9

Sample Name: J6128-01A Acquired: 12/5/2018 14:45:49 Type: Unk
Method: P4-ICP2(v2631) 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	.93572	2.0374	1.0928	2.2807	.95556	2.3322	.24407	.23418
Stddev	.00125	.0087	.0070	.0030	.00057	.0188	.00083	.00020
%RSD	.13316	.42887	.63782	.13277	.06015	.80793	.34209	.08395

#1	.93484	2.0312	1.0879	2.2785	.95516	2.3189	.24348	.23432
#2	.93660	2.0435	1.0978	2.2828	.95597	2.3455	.24467	.23404

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21303	34.332	.45571	.22160	.33778	3.0471	.22996	36.441
Stddev	.00145	.192	.00026	.00177	.00037	.0162	.00047	.301
%RSD	.67894	.55972	.05725	.79798	.11061	.53279	.20578	.82638

#1	.21201	34.196	.45589	.22035	.33752	3.0356	.22962	36.654
#2	.21405	34.468	.45552	.22285	.33805	3.0586	.23029	36.228

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52716	.07455	253.01	.31990	.22394	22.350	.48365	.41180
Stddev	.00239	.00105	.16	.00141	.00002	.054	.00098	.00682
%RSD	.45309	1.4030	.06252	.43923	.00950	.24281	.20334	1.6560

#1	.52547	.07381	252.89	.31890	.22396	22.388	.48295	.40698
#2	.52885	.07529	253.12	.32089	.22393	22.311	.48434	.41662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.591	3.7762	.73046	.22544	.21950	6.685	.52814	4.8292
Stddev	.122	.0174	.00575	.00144	.00193	.036	.00194	.0468
%RSD	.54074	.46181	.78748	.63713	.87790	.5325	.36758	.96946

#1	22.504	3.7885	.72640	.22645	.21814	6.659	.52677	4.8623
#2	22.677	3.7638	.73453	.22442	.22087	6.710	.52951	4.7961

Sample Name: J6128-01A Acquired: 12/5/2018 14:45:49 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .02684
 %RSD 167.44

#1 -.03501
 #2 .00295

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3737.0	49210.	4176.5	98.384	3803.5
Stddev	3.4	80.	5.5	.141	24.8
%RSD	.09062	.16303	.13246	.14343	.65232

#1	3739.4	49266.	4172.6	98.483	3821.0
#2	3734.7	49153.	4180.4	98.284	3785.9

Sample Name: CCV03 Acquired: 12/5/2018 14:53:36 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1377	4.7986	5.0412	4.9160	5.1494	10.143	9.9829	.24794
Stddev	.0120	.0106	.0001	.0100	.0145	.035	.0322	.00023
%RSD	.23254	.22079	.00115	.20407	.28157	.34758	.32249	.09160
#1	5.1292	4.8061	5.0413	4.9089	5.1391	10.167	9.9601	.24810
#2	5.1461	4.7911	5.0412	4.9231	5.1596	10.118	10.006	.24778
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4119	25.543	.99973	2.4614	1.2386	4.5185	2.5006	24.709
Stddev	.0014	.058	.00425	.0026	.0008	.0025	.0003	.143
%RSD	.06008	.22809	.42529	.10522	.06768	.05526	.01012	.57799
#1	2.4109	25.584	.99672	2.4595	1.2392	4.5203	2.5004	24.608
#2	2.4129	25.502	1.0027	2.4632	1.2380	4.5168	2.5008	24.810
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3608	1.1891	23.461	2.3016	2.4409	24.798	5.1322	4.7433
Stddev	.0030	.0008	.067	.0001	.0256	.112	.0119	.0121
%RSD	.12703	.07011	.28636	.00225	1.0491	.45103	.23230	.25625
#1	2.3629	1.1897	23.414	2.3017	2.4228	24.719	5.1237	4.7347
#2	2.3587	1.1885	23.509	2.3016	2.4590	24.877	5.1406	4.7519
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5857	5.0486	4.5708	4.8870	4.9224	4.775	5.2113	4.9262
Stddev	.0261	.0410	.0033	.0045	.0027	.004	.0100	.1933
%RSD	.56798	.81272	.07282	.09186	.05506	.0865	.19172	3.9238
#1	4.6041	5.0196	4.5732	4.8901	4.9205	4.772	5.2043	4.7895
#2	4.5673	5.0776	4.5685	4.8838	4.9243	4.778	5.2184	5.0628

Sample Name: CCV03 Acquired: 12/5/2018 14:53:36 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3786
Stddev .1283
%RSD 5.3934

#1 2.4693
#2 2.2879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3693.6	49370.	4109.7	93.782	3732.8
Stddev	2.4	58.	20.9	.809	6.1
%RSD	.06496	.11788	.50904	.86266	.16372

#1	3695.2	49411.	4124.5	94.354	3728.5
#2	3691.9	49329.	4094.9	93.210	3737.1

Sample Name: CCB03 Acquired: 12/5/2018 14:57:18 Type: Unk
Method: P4-ICP2(v2631) 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	-.00019	.00034	.00200	-.00037	-.00194	.01294	.00118	.00003
Stddev	.00148	.00022	.00093	.00068	.00141	.01217	.00030	.00002
%RSD	790.23	63.697	46.689	181.01	72.711	94.031	25.284	80.882

#1	-.00123	.00049	.00265	.00010	-.00094	.00434	.00097	.00001
#2	.00086	.00019	.00134	-.00085	-.00293	.02155	.00139	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00282	.00008	.00003	-.00035	.00079	-.00004	-.00985
Stddev	.00000	.00155	.00018	.00010	.00005	.00898	.00001	.01266
%RSD	3.1425	54.955	220.30	286.70	13.132	1141.8	20.619	128.57

#1	.00006	.00172	.00021	.00011	-.00032	.00714	-.00004	-.00089
#2	.00007	.00391	-.00005	-.00004	-.00039	-.00556	-.00005	-.01880

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00033	-.02642	.00029	-.00079	.07921	.00041	-.00665
Stddev	.00034	.00023	.01035	.00027	.00006	.01040	.00032	.01366
%RSD	46.801	67.889	39.174	91.828	7.1298	13.128	79.002	205.35

#1	.00049	.00049	-.03374	.00048	-.00075	.07186	.00064	.00301
#2	.00097	.00017	-.01910	.00010	-.00083	.08656	.00018	-.01631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00824	.00280	-.00115	.00188	-.00066	-.0026	.00000	3.5899
Stddev	.00094	.00016	.00040	.00014	.00081	.0004	.00005	.0500
%RSD	11.386	5.6228	34.549	7.5176	123.05	14.41	3002.7	1.3917

#1	-.00890	.00291	-.00087	.00198	-.00009	-.0023	.00004	3.5546
#2	-.00757	.00269	-.00143	.00178	-.00124	-.0029	-.00004	3.6252

Sample Name: CCB03 Acquired: 12/5/2018 14:57:18 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .85549
%RSD 249.04

#1 -.94844
#2 .26142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3874.6	52345.	4133.1	97.313	4327.6
Stddev	1.0	22.	4.7	1.998	9.5
%RSD	.02511	.04255	.11470	2.0527	.22065

#1	3873.9	52361.	4129.7	98.725	4320.8
#2	3875.3	52329.	4136.4	95.900	4334.4

Sample Name: J6129-01 Acquired: 12/5/2018 15:01:21 Type: Unk
Method: P4-ICP2(v2631) 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	-.00025	.00036	-.00079	.00015	-.00239	-.00308	.01437	.00002
Stddev	.00097	.00051	.00020	.00166	.00128	.00663	.00118	.00003
%RSD	387.74	140.98	25.767	1095.2	53.463	215.45	8.2252	102.93

#1	-.00094	.00072	-.00093	-.00103	-.00149	-.00776	.01354	.00001
#2	.00044	.00000	-.00064	.00133	-.00330	.00161	.01521	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	26.499	.00001	-.00009	.00102	.03913	.00278	11.744
Stddev	.00009	.043	.00012	.00021	.00005	.00774	.00012	.097
%RSD	562.77	.16238	1796.0	227.69	4.6754	19.787	4.1584	.82660

#1	.00005	26.529	-.00008	-.00025	.00099	.04461	.00286	11.812
#2	-.00008	26.468	.00009	.00006	.00106	.03366	.00269	11.675

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00007	71.703	.00079	-.00061	3.7118	.00027	.01783
Stddev	.00009	.00048	.287	.00003	.00005	.0397	.00004	.01059
%RSD	80.257	700.17	.39963	3.3500	7.6505	1.0687	13.682	59.418

#1	.00005	.00041	71.906	.00077	-.00058	3.6838	.00029	.01034
#2	.00018	-.00027	71.501	.00081	-.00064	3.7399	.00024	.02532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3493	2.8620	-.00523	.00002	-.00649	.0277	.15788	3.9483
Stddev	.0170	.0070	.00022	.00020	.00106	.0012	.00003	.0659
%RSD	.23105	.24310	4.2707	997.28	16.316	4.280	.02162	1.6678

#1	7.3373	2.8669	-.00507	.00016	-.00574	.0268	.15785	3.9017
#2	7.3613	2.8571	-.00539	-.00012	-.00723	.0285	.15790	3.9949

Sample Name: J6129-01 Acquired: 12/5/2018 15:01:21 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93147
 Stddev .03306
 %RSD 3.5493

#1 .90809
 #2 .95485

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3859.4	51576.	4284.3	101.15	4119.4
Stddev	9.5	2.	.5	3.25	11.5
%RSD	.24621	.00457	.01082	3.2131	.27841

#1	3866.1	51575.	4284.0	98.847	4127.5
#2	3852.7	51578.	4284.7	103.44	4111.3

Sample Name: J6129-01DUP Acquired: 12/5/2018 15:05:23 Type: Unk
Method: P4-ICP2(v2631) 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	-.00022	.00044	-.00074	-.00153	-.00331	.00631	.01425	.00009
Stddev	.00085	.00098	.00058	.00096	.00089	.00456	.00040	.00002
%RSD	383.75	224.46	77.791	62.695	26.875	72.252	2.8068	22.457

#1	-.00082	.00113	-.00033	-.00085	-.00394	.00954	.01397	.00007
#2	.00038	-.00026	-.00115	-.00221	-.00268	.00309	.01454	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	26.224	.00011	-.00021	.00007	.04578	.00275	11.780
Stddev	.00003	.164	.00010	.00007	.00002	.00116	.00003	.016
%RSD	172.85	.62596	93.477	34.894	25.814	2.5272	1.1882	.13926

#1	.00003	26.340	.00017	-.00016	.00008	.04497	.00273	11.768
#2	-.00000	26.107	.00004	-.00026	.00006	.04660	.00277	11.791

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00058	71.686	.00073	-.00058	3.6937	.00036	.02632
Stddev	.00013	.00008	.186	.00033	.00004	.0297	.00004	.00080
%RSD	188.28	13.767	.25973	44.500	6.2804	.80410	11.114	3.0310

#1	.00016	.00053	71.817	.00050	-.00055	3.7147	.00033	.02576
#2	-.00002	.00064	71.554	.00097	-.00060	3.6727	.00038	.02689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3648	2.8484	-.00542	.00060	-.00821	.0276	.15657	4.0784
Stddev	.0092	.0077	.00043	.00075	.00041	.0003	.00029	.2248
%RSD	.12521	.26973	8.0183	124.99	5.0212	1.016	.18713	5.5118

#1	7.3714	2.8539	-.00572	.00007	-.00792	.0278	.15678	3.9194
#2	7.3583	2.8430	-.00511	.00113	-.00850	.0274	.15636	4.2373

Sample Name: J6129-01DUP Acquired: 12/5/2018 15:05:23 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1219
 Stddev .4994
 %RSD 44.516

#1 .76875
 #2 1.4750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.7	51276.	4274.8	101.17	4092.5
Stddev	4.5	377.	7.2	1.70	.4
%RSD	.11694	.73487	.16740	1.6834	.01024

#1	3835.5	51543.	4269.7	99.962	4092.8
#2	3841.9	51010.	4279.8	102.37	4092.2

Sample Name: J6129-01LX5 Acquired: 12/5/2018 15:09:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00044	.00090	-.00020	-.00173	.00121	.00384	.00004
Stddev	.00112	.00021	.00016	.00232	.00160	.00553	.00061	.00002
%RSD	428.38	47.903	17.294	1167.0	92.278	456.33	15.911	54.104

#1	.00105	.00029	.00101	-.00184	-.00286	-.00270	.00428	.00003
#2	-.00053	.00059	.00079	.00144	-.00060	.00512	.00341	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	5.3962	-.00010	.00002	-.00056	.01284	.00055	2.3653
Stddev	.00001	.0072	.00021	.00004	.00013	.00789	.00001	.0918
%RSD	52.286	.13260	207.74	191.04	22.841	61.432	1.7499	3.8827

#1	.00003	5.4013	-.00025	-.00001	-.00047	.00726	.00056	2.4302
#2	.00002	5.3912	.00005	.00004	-.00066	.01842	.00054	2.3004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00018	14.416	-.00008	-.00080	.87998	.00001	.00545
Stddev	.00052	.00018	.060	.00015	.00004	.00733	.00020	.00429
%RSD	134.86	98.704	.41574	192.54	4.8448	.83309	1359.1	78.717

#1	.00075	.00031	14.459	-.00019	-.00077	.87480	-.00012	.00849
#2	.00002	.00006	14.374	.00003	-.00082	.88517	.00015	.00242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3784	.58912	-.00321	.00229	-.00192	.0033	.03208	3.8728
Stddev	.0013	.00051	.00039	.00007	.00041	.0017	.00001	.1514
%RSD	.09643	.08585	12.272	3.0938	21.140	49.96	.02617	3.9079

#1	1.3774	.58876	-.00293	.00234	-.00221	.0045	.03209	3.9798
#2	1.3793	.58948	-.00349	.00224	-.00163	.0021	.03207	3.7658

Sample Name: J6129-01LX5 Acquired: 12/5/2018 15:09:24 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .22678
 %RSD 130.19

#1 -.01384
 #2 -.33456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3813.9	51452.	4107.2	99.159	4188.7
Stddev	3.1	81.	31.7	.051	6.5
%RSD	.08027	.15751	.77144	.05192	.15622

#1	3811.7	51394.	4084.8	99.195	4184.0
#2	3816.0	51509.	4129.6	99.122	4193.3

Sample Name: PB115339BL Acquired: 12/5/2018 15:24:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7746 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00027	.00216	-.00200	-.00020	-.00135	.00173
Stddev	.00040	.00033	.00062	.00419	.00061	.01646	.00020
%RSD	35.721	124.45	28.888	209.21	308.48	1222.2	11.500

#1	-.00139	.00050	.00260	.00096	-.00063	.01029	.00187
#2	-.00083	.00003	.00172	-.00497	.00023	-.01298	.00159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00009	-.01417	.00004	.00007	-.00032	-.00033
Stddev	.00000	.00003	.01164	.00009	.00004	.00076	.00275
%RSD	8.8958	32.523	82.168	206.21	50.907	236.33	844.05

#1	.00005	.00011	-.02241	-.00002	.00005	.00022	-.00227
#2	.00004	.00007	-.00594	.00010	.00010	-.00086	.00162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00876	.00082	.00026	.08427	.00036	-.00087
Stddev	.00006	.01299	.00009	.00026	.01200	.00007	.00002
%RSD	160.40	148.20	10.934	99.574	14.244	20.871	2.3011

#1	-.00008	-.01795	.00075	.00045	.09276	.00031	-.00089
#2	.00001	.00042	.00088	.00008	.07578	.00041	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22962	.00053	-.01593	-.00399	.00526	-.00228	.00024
Stddev	.01628	.00003	.01254	.00163	.00024	.00037	.00124
%RSD	7.0893	5.6179	78.710	40.849	4.5087	16.470	514.35

#1	.24113	.00055	-.00706	-.00284	.00543	-.00201	.00111
#2	.21811	.00051	-.02479	-.00514	.00510	-.00254	-.00063

Sample Name: PB115339BL Acquired: 12/5/2018 15:24:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7746 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.0033	-.00008	F 3.8357	F<.00000
Stddev	.00053	.0001	.00001	.0077	.04263
%RSD	88.505	2.558	13.537	.19983	7.8982

#1	-.00022	-.0034	-.00008	3.8411	-.56986
#2	-.00097	-.0033	-.00007	3.8303	-.50957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3826.4	51780.	4067.5	96.163	4292.5
Stddev	10.5	202.	22.1	1.656	8.1
%RSD	.27475	.39086	.54255	1.7219	.18772

#1	3819.0	51637.	4051.9	94.992	4286.8
#2	3833.9	51924.	4083.1	97.333	4298.2

Sample Name: PB115339BS Acquired: 12/5/2018 15:28:56 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7746 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78583	1.8948	.97445	1.8823	.81486	1.9861	.21387
Stddev	.01046	.0010	.00271	.0204	.00182	.0174	.00136
%RSD	1.3308	.05032	.27850	1.0865	.22275	.87787	.63702

#1	.79322	1.8955	.97637	1.8967	.81615	1.9738	.21291
#2	.77843	1.8941	.97253	1.8678	.81358	1.9984	.21483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19230	.18216	1.1079	.41091	.19604	.31373	2.8307
Stddev	.00007	.00019	.0267	.00025	.00069	.00118	.0347
%RSD	.03649	.10635	2.4145	.06181	.35253	.37691	1.2244

#1	.19235	.18229	1.0890	.41109	.19653	.31457	2.8062
#2	.19225	.18202	1.1268	.41073	.19555	.31290	2.8552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21085	2.0986	.46713	.06811	2.9549	.28079	.20403
Stddev	.00091	.0698	.00078	.00043	.0154	.00093	.00203
%RSD	.43367	3.3261	.16761	.62950	.52114	.32988	.99304

#1	.21150	2.1480	.46769	.06841	2.9440	.28144	.20259
#2	.21021	2.0492	.46658	.06780	2.9657	.28013	.20546

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.321	.43012	.27841	F .69214	.98894	.61757	.20172
Stddev	.046	.00186	.00348	.02578	.00196	.00254	.00211
%RSD	.44334	.43291	1.2494	3.7241	.19850	.41099	1.0438

#1	10.289	.43143	.28087	.71037	.99032	.61577	.20023
#2	10.353	.42880	.27595	.67391	.98755	.61936	.20321

Sample Name: PB115339BS Acquired: 12/5/2018 15:28:56 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7746 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20738	5.086	.21887	F 3.8975	F<.00000
Stddev	.00259	.009	.00102	.0142	.67427
%RSD	1.2511	.1832	.46777	.36430	23.126

#1	.20554	5.092	.21814	3.8874	-2.4388
#2	.20921	5.079	.21959	3.9075	-3.3924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3799.8	51687.	4044.5	94.788	4147.3
Stddev	23.6	147.	4.0	1.055	14.0
%RSD	.62053	.28507	.09806	1.1128	.33690

#1	3783.1	51583.	4047.3	95.533	4137.4
#2	3816.5	51791.	4041.7	94.042	4157.2

Sample Name: PB115342BL Acquired: 12/5/2018 15:32:48 Type: Unk
Method: P4-ICP2(v2631) 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	-.00179	.00142	.00009	-.00041	-.00171	.00830	.00073
Stddev	.00038	.00077	.00018	.00071	.00057	.01025	.00042
%RSD	21.091	54.108	203.19	174.18	33.393	123.47	57.832

#1	-.00206	.00196	-.00004	-.00090	-.00131	.00105	.00043
#2	-.00152	.00088	.00022	.00009	-.00212	.01555	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00005	-.00066	-.00031	-.00011	-.00040	-.00172
Stddev	.00000	.00007	.00991	.00022	.00013	.00070	.00071
%RSD	4.7370	134.79	1502.7	70.214	117.65	176.34	41.230

#1	.00006	-.00000	-.00767	-.00047	-.00002	.00010	-.00122
#2	.00006	-.00010	.00635	-.00016	-.00020	-.00090	-.00222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01206	.00061	.00001	-.05534	-.00017	-.00099
Stddev	.00000	.04445	.00012	.00033	.00430	.00026	.00007
%RSD	9.8390	368.59	20.427	4646.1	7.7637	156.31	6.7883

#1	-.00002	.01937	.00069	.00024	-.05230	.00002	-.00094
#2	-.00003	-.04349	.00052	-.00023	-.05838	-.00035	-.00104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05531	.00003	-.00702	-.00980	.00584	-.00239	.00309
Stddev	.01176	.00004	.00551	.00233	.00177	.00018	.00160
%RSD	21.266	135.85	78.571	23.752	30.263	7.6703	51.968

#1	.06363	.00006	-.01092	-.00816	.00459	-.00252	.00422
#2	.04700	.00000	-.00312	-.01145	.00709	-.00226	.00195

Sample Name: PB115342BL Acquired: 12/5/2018 15:32:48 Type: Unk
Method: P4-ICP2(v2631) 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	-.00382	-.0030	-.00007	F 3.8798	F<.00000
Stddev	.00048	.0006	.00003	.2390	.16005
%RSD	12.662	20.92	50.073	6.1610	35.753

#1	-.00348	-.0026	-.00009	4.0489	-.56082
#2	-.00417	-.0035	-.00004	3.7108	-.33447

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.1	51763.	4078.7	96.921	4296.0
Stddev	6.9	243.	23.6	2.056	1.1
%RSD	.18036	.47003	.57983	2.1218	.02548

#1	3834.2	51591.	4062.0	95.467	4295.2
#2	3844.0	51935.	4095.4	98.375	4296.8

Sample Name: PB115342BS Acquired: 12/5/2018 15:36:54 Type: Unk
Method: P4-ICP2(v2631) 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	.78694	1.8908	.97473	1.8852	.81119	1.9589	.20946
Stddev	.00113	.0015	.00065	.0064	.00007	.0091	.00062
%RSD	.14367	.07841	.06651	.34063	.00885	.46484	.29641

#1	.78774	1.8918	.97519	1.8898	.81114	1.9653	.20990
#2	.78614	1.8897	.97427	1.8807	.81124	1.9525	.20902

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19328	.18349	1.0675	.40537	.19566	.31233	2.7771
Stddev	.00006	.00016	.0073	.00094	.00032	.00102	.0326
%RSD	.02947	.08843	.68498	.23266	.16554	.32716	1.1753

#1	.19332	.18360	1.0727	.40470	.19543	.31161	2.8002
#2	.19324	.18337	1.0623	.40604	.19588	.31305	2.7540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20904	2.0141	.46678	.06770	2.8710	.27781	.20139
Stddev	.00002	.0394	.00108	.00045	.0153	.00029	.00006
%RSD	.01042	1.9584	.23197	.65964	.53270	.10388	.02950

#1	.20905	1.9863	.46755	.06739	2.8818	.27801	.20144
#2	.20902	2.0420	.46602	.06802	2.8602	.27760	.20135

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.246	.42748	.28093	F .40665	.97912	.61395	.19851
Stddev	.013	.00001	.01327	.01416	.00126	.00088	.00038
%RSD	.12270	.00119	4.7239	3.4809	.12871	.14371	.19086

#1	10.255	.42747	.29031	.41666	.98001	.61333	.19824
#2	10.237	.42748	.27155	.39664	.97823	.61458	.19878

Sample Name: PB115342BS Acquired: 12/5/2018 15:36:54 Type: Unk
Method: P4-ICP2(v2631) 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	.20217	5.117	.21401	F 3.6331	F<.00000
Stddev	.00218	.012	.00024	.0137	.14444
%RSD	1.0803	.2401	.11132	.37780	4.9160

#1	.20371	5.125	.21418	3.6428	-2.8360
#2	.20063	5.108	.21384	3.6234	-3.0403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3801.2	51621.	4067.3	95.988	4132.9
Stddev	2.4	88.	2.5	.077	3.4
%RSD	.06257	.17128	.06235	.07981	.08136

#1	3799.5	51558.	4065.5	95.933	4130.5
#2	3802.8	51683.	4069.1	96.042	4135.3

Sample Name: CCV04 Acquired: 12/5/2018 15:40:45 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2010	4.8190	5.0890	4.9498	5.2038	10.116	10.138	.24964
Stddev	.0053	.0010	.0045	.0164	.0107	.037	.055	.00014
%RSD	.10233	.02123	.08827	.33214	.20471	.36229	.53830	.05783
#1	5.2048	4.8183	5.0858	4.9615	5.2114	10.142	10.100	.24954
#2	5.1972	4.8197	5.0922	4.9382	5.1963	10.090	10.177	.24975
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4348	25.891	1.0021	2.4870	1.2426	4.6131	2.5102	24.976
Stddev	.0005	.287	.0014	.0015	.0001	.1126	.0027	.049
%RSD	.02148	1.1090	.14482	.06148	.00834	2.4406	.10867	.19431
#1	2.4352	25.688	1.0032	2.4859	1.2427	4.6927	2.5083	24.941
#2	2.4345	26.094	1.0011	2.4881	1.2426	4.5335	2.5122	25.010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3776	1.1970	23.670	2.3032	2.5378	25.000	5.1803	4.8093
Stddev	.0018	.0027	.103	.0018	.0519	.259	.0045	.0442
%RSD	.07486	.22431	.43628	.07822	2.0454	1.0378	.08689	.91839
#1	2.3789	1.1951	23.597	2.3045	2.5745	24.817	5.1835	4.7781
#2	2.3764	1.1989	23.743	2.3020	2.5011	25.184	5.1771	4.8405
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5880	5.1072	4.5948	4.9272	4.9985	4.801	5.3035	4.9329
Stddev	.0093	.0529	.0132	.0171	.0312	.006	.0526	.0308
%RSD	.20209	1.0352	.28650	.34808	.62354	.1252	.99221	.62491
#1	4.5946	5.0698	4.6041	4.9151	4.9764	4.805	5.2663	4.9111
#2	4.5815	5.1446	4.5855	4.9393	5.0205	4.797	5.3407	4.9547

Sample Name: CCV04 Acquired: 12/5/2018 15:40:45 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4803
Stddev .5085
%RSD 20.501

#1 2.8399
#2 2.1208

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.6	49234.	4034.6	90.940	3713.6
Stddev	10.8	38.	29.2	2.037	6.2
%RSD	.29298	.07806	.72252	2.2402	.16646

#1	3670.0	49207.	4055.2	89.500	3709.3
#2	3685.3	49262.	4014.0	92.381	3718.0

Sample Name: CCB04 Acquired: 12/5/2018 15:44:30 Type: Unk
Method: P4-ICP2(v2631) 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	.00020	-.00005	.00017	-.00008	-.00100	.00057	.00029
Stddev	.00088	.00071	.00009	.00014	.00008	.01078	.00089
%RSD	434.18	1363.2	54.038	182.24	8.2434	1905.2	312.17

#1	.00083	-.00055	.00010	.00002	-.00094	-.00705	.00092
#2	-.00042	.00045	.00023	-.00018	-.00106	.00819	-.00035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00004	-.00843	.00013	.00000	-.00018	.01630
Stddev	.00007	.00001	.02016	.00054	.00011	.00029	.00724
%RSD	128.35	36.197	239.02	423.90	13469.	165.10	44.403

#1	.00000	.00005	.00582	-.00025	.00008	-.00038	.01118
#2	.00010	.00003	-.02269	.00051	-.00008	.00003	.02142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00447	.00094	.00033	-.07094	.00020	-.00075
Stddev	.00002	.00124	.00010	.00049	.00328	.00008	.00010
%RSD	154.77	27.675	10.870	149.65	4.6179	40.776	12.858

#1	-.00000	-.00534	.00087	-.00002	-.06863	.00026	-.00082
#2	.00003	-.00360	.00101	.00068	-.07326	.00014	-.00069

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00805	.00036	-.00828	F -.01145	.00174	-.00127	.00140
Stddev	.00295	.00001	.00653	.00141	.00109	.00107	.00355
%RSD	36.658	2.1577	78.878	12.299	62.715	84.791	253.16

#1	.00596	.00036	-.01290	-.01244	.00251	-.00051	-.00111
#2	.01013	.00035	-.00366	-.01045	.00097	-.00202	.00391

Sample Name: CCB04 Acquired: 12/5/2018 15:44:30 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00367	-0.0038	-0.00004	F 3.6202	F<.00000
Stddev	.00087	.0002	.00000	.0888	.15713
%RSD	23.794	5.439	10.925	2.4536	16.372

#1	-0.00305	-0.0036	-0.00005	3.6831	-1.0708
#2	-0.00429	-0.0039	-0.00004	3.5574	-0.84862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3848.1	52291.	4136.8	96.104	4306.5
Stddev	4.2	306.	37.5	1.196	13.5
%RSD	.10852	.58582	.90670	1.2447	.31393

#1	3845.1	52075.	4163.4	96.950	4297.0
#2	3851.0	52508.	4110.3	95.258	4316.1

Sample Name: PB115358BL Acquired: 12/5/2018 15:48:34 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	.00062	-.00005	-.00337	-.00205	.00075	.00089
Stddev	.00250	.00132	.00014	.00104	.00023	.00250	.00007
%RSD	135.77	212.19	311.81	30.985	11.297	333.85	8.4222

#1	-.00361	-.00031	.00005	-.00411	-.00188	.00252	.00083
#2	-.00007	.00156	-.00015	-.00263	-.00221	-.00102	.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00003	.00187	.00005	-.00007	.00001	-.00062
Stddev	.00000	.00003	.01142	.00012	.00017	.00027	.00926
%RSD	3.8946	103.94	609.77	247.49	260.68	2466.7	1483.0

#1	.00007	-.00001	.00995	-.00004	-.00019	-.00018	-.00717
#2	.00006	-.00004	-.00620	.00013	.00006	.00020	.00592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01048	.00058	.00006	-.08788	.00042	-.00093
Stddev	.00002	.03230	.00022	.00050	.00321	.00008	.00002
%RSD	47.987	308.10	37.607	870.96	3.6580	17.805	2.0351

#1	-.00003	.01235	.00043	-.00030	-.08561	.00048	-.00095
#2	-.00005	-.03332	.00074	.00041	-.09015	.00037	-.00092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01792	-.00007	-.00748	F -.01133	.00383	-.00240	.00118
Stddev	.01120	.00004	.00741	.00109	.00009	.00011	.00211
%RSD	62.500	65.270	99.127	9.5767	2.3493	4.7441	179.27

#1	-.02584	-.00004	-.01272	-.01210	.00389	-.00248	.00267
#2	-.01000	-.00010	-.00224	-.01056	.00376	-.00232	-.00032

Sample Name: PB115358BL Acquired: 12/5/2018 15:48:34 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00235	-0.0015	.00007	F 4.0374	F<.00000
Stddev	.00075	.0001	.00009	.0020	.38546
%RSD	31.855	6.664	130.80	.05061	78.633

#1	-0.00182	-0.0016	.00001	4.0389	-.76277
#2	-0.00289	-0.0015	.00014	4.0360	-.21764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.0	51703.	4049.7	96.033	4293.3
Stddev	13.7	414.	14.1	1.226	6.5
%RSD	.35794	.80061	.34723	1.2763	.15100

#1	3817.3	51410.	4039.7	95.167	4288.7
#2	3836.7	51996.	4059.6	96.900	4297.9

Sample Name: PB115358BS Acquired: 12/5/2018 15:52:38 Type: Unk
Method: P4-ICP2(v2631) 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	.79009	1.8766	.97694	1.8534	.80314	2.0003	.21501
Stddev	.00301	.0015	.00049	.0004	.00273	.0049	.00067
%RSD	.38058	.08117	.05014	.02166	.33958	.24375	.31232

#1	.79221	1.8755	.97659	1.8537	.80506	1.9968	.21453
#2	.78796	1.8777	.97729	1.8531	.80121	2.0037	.21548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18899	.18305	1.0805	.42001	.19925	.31298	2.8151
Stddev	.00006	.00014	.0338	.00081	.00052	.00130	.0455
%RSD	.03253	.07783	3.1260	.19328	.25959	.41524	1.6168

#1	.18894	.18295	1.0567	.41943	.19889	.31206	2.7829
#2	.18903	.18315	1.1044	.42058	.19962	.31390	2.8472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21269	2.1198	.47136	.06699	2.9068	.28679	.20128
Stddev	.00007	.0075	.00104	.00029	.0069	.00002	.00253
%RSD	.03368	.35563	.22087	.43359	.23737	.00725	1.2556

#1	.21274	2.1144	.47063	.06720	2.9117	.28677	.19949
#2	.21264	2.1251	.47210	.06679	2.9020	.28680	.20306

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.450	.43054	.28187	F -.01199	.97696	.60779	.20507
Stddev	.046	.00088	.01713	.00153	.00226	.00111	.00265
%RSD	.43794	.20406	6.0780	12.753	.23182	.18294	1.2907

#1	10.417	.43116	.26975	-.01091	.97856	.60701	.20320
#2	10.482	.42992	.29398	-.01307	.97536	.60858	.20694

Sample Name: PB115358BS Acquired: 12/5/2018 15:52:38 Type: Unk
 Method: P4-ICP2(v2631) 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	.20650	5.036	.22102	F 3.7925	F<.00000
Stddev	.00022	.012	.00041	.0561	.16022
%RSD	.10698	.2432	.18422	1.4790	5.2003

#1	.20666	5.027	.22074	3.7528	-2.9676
#2	.20635	5.044	.22131	3.8322	-3.1942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3811.7	52077.	4079.3	96.675	4173.9
Stddev	17.1	101.	17.7	.919	16.9
%RSD	.44888	.19485	.43477	.95085	.40421

#1	3799.6	52005.	4066.7	97.325	4162.0
#2	3823.8	52149.	4091.8	96.025	4185.8

Sample Name: J6184-01 Acquired: 12/5/2018 15:56:27 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07758	-.00672	1.4271	-.02906	.02090	85.083	.64036
Stddev	.00061	.00019	.0009	.00138	.00040	.361	.00493
%RSD	.78200	2.8813	.06369	4.7565	1.9346	.42425	.77042

#1	.07716	-.00686	1.4265	-.03004	.02061	85.338	.64385
#2	.07801	-.00658	1.4278	-.02809	.02118	84.828	.63687

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	.00099	49.382	.52926	.10858	.74636	176.01
Stddev	.00016	.00017	.422	.00319	.00053	.00149	3.41
%RSD	2.2945	16.932	.85556	.60337	.48748	.19964	1.9400

#1	.00692	.00111	49.681	.53151	.10820	.74531	173.60
#2	.00669	.00087	49.083	.52700	.10895	.74742	178.43

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1787	48.053	.24811	-.00307	5.5130	.30426	2.7774
Stddev	.0033	.133	.00098	.00073	.0497	.00163	.0505
%RSD	.15212	.27673	.39450	23.687	.90186	.53734	1.8199

#1	2.1810	48.147	.24742	-.00359	5.5481	.30541	2.7417
#2	2.1763	47.959	.24880	-.00256	5.4778	.30310	2.8132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.219	.00930	.15739	F 14.526	4.6736	.11789	3.8358
Stddev	.099	.00030	.00503	.007	.0170	.00009	.0020
%RSD	.74670	3.1731	3.1932	.05102	.36405	.07904	.05105

#1	13.289	.00951	.16094	14.520	4.6856	.11782	3.8372
#2	13.150	.00909	.15383	14.531	4.6615	.11795	3.8344

Sample Name: J6184-01 Acquired: 12/5/2018 15:56:27 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-331 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14568	6.681	.09745	2.6120	F<.00000
Stddev	.00119	.019	.00607	.0819	.39859
%RSD	.81378	.2799	6.2334	3.1340	.63990

#1	.14485	6.668	.10174	2.6698	-62.572
#2	.14652	6.694	.09315	2.5541	-62.008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.3	54094.	4529.6	94.035	3699.9
Stddev	11.6	215.	30.7	1.490	6.4
%RSD	.29004	.39663	.67798	1.5850	.17411

#1	3999.1	53942.	4507.8	95.088	3695.4
#2	4015.5	54246.	4551.3	92.981	3704.5

Sample Name: J6192-01DLX10 Acquired: 12/5/2018 16:00:17 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-120318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00364	-.00155	.01011	-.02183	.00092	42.841	.09464
Stddev	.00007	.00054	.00029	.00188	.00112	.017	.00106
%RSD	2.0324	34.901	2.8192	8.6288	121.45	.03875	1.1180

#1	-.00369	-.00194	.00991	-.02316	.00171	42.829	.09389
#2	-.00359	-.00117	.01031	-.02050	.00013	42.852	.09539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	-.00168	4.0254	.07002	.05341	.11666	105.83
Stddev	.00002	.00025	.0098	.00052	.00035	.00033	2.02
%RSD	1.1315	14.876	.24436	.74906	.65413	.28426	1.9046

#1	.00139	-.00185	4.0184	.07039	.05365	.11690	107.26
#2	.00141	-.00150	4.0323	.06965	.05316	.11643	104.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3978	10.958	.04551	-.00356	.30718	.27948	.10792
Stddev	.0027	.171	.00001	.00019	.00166	.00034	.00293
%RSD	.19611	1.5571	.02605	5.2290	.54083	.12259	2.7149

#1	1.3998	10.837	.04550	-.00369	.30600	.27972	.11000
#2	1.3959	11.079	.04551	-.00343	.30835	.27924	.10585

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85372	-.00021	-.03442	.32052	.33666	.00020	2.3082
Stddev	.01114	.00017	.01718	.00534	.00583	.00073	.0015
%RSD	1.3045	78.264	49.905	1.6650	1.7303	372.04	.06707

#1	.84585	-.00033	-.02227	.32430	.34078	-.00032	2.3071
#2	.86160	-.00010	-.04657	.31675	.33254	.00071	2.3093

Sample Name: J6192-01DLX10 Acquired: 12/5/2018 16:00:17 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-120318 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01921	.8179	-.09320	3.6067	F<.00000
Stddev	.00073	.0012	.00230	.0902	.42268
%RSD	3.8069	.1409	2.4641	2.5020	2.0210

#1	.01869	.8171	-.09482	3.6705	-21.213
#2	.01972	.8187	-.09157	3.5429	-20.616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3897.6	52200.	4239.9	93.456	3942.7
Stddev	7.6	149.	22.0	2.365	3.0
%RSD	.19394	.28486	.51925	2.5306	.07564

#1	3892.2	52095.	4224.3	91.783	3940.5
#2	3902.9	52305.	4255.4	95.128	3944.8

Sample Name: J6206-01 Acquired: 12/5/2018 16:04:15 Type: Unk
Method: P4-ICP2(v2631) 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	.02604	-.00222	.42314	-.02007	.00259	40.367	.09974
Stddev	.00054	.00091	.00058	.00388	.00137	.205	.00167
%RSD	2.0555	41.134	.13762	19.325	52.796	.50704	1.6777

#1	.02566	-.00157	.42356	-.01733	.00356	40.222	.10093
#2	.02642	-.00286	.42273	-.02281	.00163	40.511	.09856

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00181	-.00010	.76838	.46538	.01660	.12993	114.58
Stddev	.00002	.00006	.00447	.00376	.00020	.00020	1.86
%RSD	.99584	53.532	.58141	.80895	1.1934	.15629	1.6276

#1	.00180	-.00014	.77153	.46805	.01646	.12979	115.89
#2	.00182	-.00007	.76522	.46272	.01674	.13008	113.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3376	4.8037	.04075	-.00258	-.03933	.16262	.28226
Stddev	.0004	.0054	.00027	.00015	.00425	.00113	.00478
%RSD	.03172	.11309	.65053	5.7984	10.812	.69549	1.6941

#1	1.3379	4.8075	.04057	-.00248	-.03632	.16342	.28564
#2	1.3373	4.7999	.04094	-.00269	-.04233	.16182	.27888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4171	.00385	-.05775	1.6416	1.2761	.00521	1.2706
Stddev	.0578	.00015	.00121	.0182	.0356	.00092	.0088
%RSD	2.3899	3.9663	2.0976	1.1119	2.7910	17.668	.68912

#1	2.4580	.00374	-.05860	1.6545	1.3012	.00586	1.2768
#2	2.3763	.00396	-.05689	1.6287	1.2509	.00456	1.2644

Sample Name: J6206-01 Acquired: 12/5/2018 16:04:15 Type: Unk
 Method: P4-ICP2(v2631) 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	.01248	1.975	-.11675	3.0873	F<.00000
Stddev	.00048	.009	.00197	.0825	.08842
%RSD	3.8629	.4785	1.6884	2.6730	.32424

#1	.01214	1.981	-.11815	3.0290	-27.332
#2	.01282	1.968	-.11536	3.1457	-27.207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3907.2	53109.	4321.3	96.833	4044.7
Stddev	1.9	197.	50.4	1.512	2.1
%RSD	.04738	.37092	1.1665	1.5614	.05152

#1	3905.9	53248.	4285.7	95.764	4043.2
#2	3908.5	52969.	4357.0	97.903	4046.1

Sample Name: J6184-02 Acquired: 12/5/2018 16:08:11 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	-.00235	.00578	-.00171	-.00249	.16802	.04476	.00014
Stddev	.00107	.00092	.00132	.00057	.00115	.00402	.00023	.00002
%RSD	56.117	39.094	22.847	33.335	46.087	2.3899	.52247	13.065

#1	-.00267	-.00300	.00672	-.00211	-.00330	.17086	.04459	.00012
#2	-.00115	-.00170	.00485	-.00130	-.00168	.16518	.04492	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	5.5314	.00224	.00727	.01458	.06939	.09302	.55830
Stddev	.00005	.0181	.00013	.00020	.00048	.00050	.00038	.02766
%RSD	16.603	.32817	5.7628	2.7160	3.3239	.71373	.40947	4.9538

#1	.00033	5.5443	.00215	.00741	.01492	.06904	.09329	.53874
#2	.00026	5.5186	.00233	.00713	.01423	.06974	.09275	.57786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01366	.00007	276.54	.00021	.06103	.82547	.00027	.00350
Stddev	.00060	.00042	3.49	.00002	.00017	.01234	.00014	.00700
%RSD	4.3778	594.62	1.2606	8.6434	.28668	1.4948	49.909	200.03

#1	.01324	.00037	279.01	.00020	.06115	.83420	.00018	-.00145
#2	.01408	-.00023	274.08	.00022	.06090	.81675	.00037	.00845

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0899	.29390	-.00314	.00288	-.00364	.0019	.03323	5.3348
Stddev	.0130	.00482	.00020	.00126	.00013	.0001	.00012	.0878
%RSD	.42098	1.6383	6.4618	43.626	3.6534	3.029	.36965	1.6450

#1	3.0807	.29731	-.00300	.00377	-.00355	.0019	.03332	5.2728
#2	3.0991	.29050	-.00328	.00199	-.00374	.0020	.03315	5.3969

Sample Name: J6184-02 Acquired: 12/5/2018 16:08:11 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-331 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .83020
 Stddev .19400
 %RSD 23.367

#1 .69303
 #2 .96738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3561.8	47504.	4026.9	94.804	3706.7
Stddev	4.7	33.	20.9	.689	5.4
%RSD	.13057	.06976	.51897	.72721	.14556

#1	3558.5	47481.	4012.1	94.317	3710.5
#2	3565.1	47527.	4041.6	95.292	3702.9

Sample Name: J6184-02DUP Acquired: 12/5/2018 16:12:20 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	-.00240	.00574	.00143	-.00251	.16189	.04424	.00008
Stddev	.00001	.00096	.00065	.00115	.00083	.00479	.00014	.00003
%RSD	.17545	39.951	11.250	80.407	32.932	2.9596	.31589	40.889

#1	-.00465	-.00172	.00620	.00224	-.00192	.16528	.04434	.00010
#2	-.00464	-.00307	.00529	.00062	-.00309	.15850	.04414	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	5.4532	.00203	.00754	.01421	.05746	.09187	.56893
Stddev	.00003	.0064	.00040	.00012	.00029	.00518	.00009	.01539
%RSD	9.0416	.11762	19.650	1.5979	2.0179	9.0211	.09869	2.7044

#1	.00033	5.4486	.00231	.00762	.01441	.05379	.09193	.57981
#2	.00038	5.4577	.00175	.00745	.01401	.06112	.09180	.55805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01262	.00030	274.17	-.00006	.06022	.88328	.00074	-.00739
Stddev	.00024	.00048	1.31	.00028	.00073	.00846	.00004	.00683
%RSD	1.9057	162.69	.47915	442.10	1.2205	.95754	6.0915	92.458

#1	.01279	.00064	275.10	-.00027	.05970	.87730	.00077	-.00256
#2	.01245	-.00004	273.24	.00014	.06074	.88926	.00070	-.01222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0960	.28701	-.00295	.00164	-.00175	.0018	.03299	5.2115
Stddev	.0212	.00268	.00021	.00243	.00046	.0009	.00039	.0053
%RSD	.68492	.93533	6.9949	148.49	26.159	50.88	1.1864	.10229

#1	3.0810	.28891	-.00310	.00335	-.00143	.0025	.03327	5.2152
#2	3.1110	.28511	-.00280	-.00008	-.00207	.0012	.03272	5.2077

Sample Name: J6184-02DUP Acquired: 12/5/2018 16:12:20 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-331DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0010
Stddev	.3709
%RSD	37.051

#1	1.2633
#2	.73875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.7	47584.	4049.4	94.538	3697.7
Stddev	7.6	92.	26.1	.666	12.3
%RSD	.21239	.19399	.64444	.70433	.33171

#1	3559.4	47519.	4030.9	95.008	3706.4
#2	3570.1	47649.	4067.8	94.067	3689.1

Sample Name: J6184-02LX5 Acquired: 12/5/2018 16:16:28 Type: Unk

Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: TP-MH-F Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.00035	.00106	.00060	-.00177	.02575	.00960	.00008
Stddev	.00056	.00072	.00066	.00202	.00039	.00524	.00160	.00002
%RSD	33.593	207.56	62.296	335.33	21.816	20.363	16.691	26.747

#1	-.00126	.00016	.00153	-.00082	-.00204	.02204	.01074	.00007
#2	-.00205	-.00086	.00059	.00203	-.00149	.02946	.00847	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	1.1445	.00041	.00166	.00275	.03167	.01906	.09167
Stddev	.00004	.0376	.00012	.00018	.00036	.00296	.00004	.00046
%RSD	45.957	3.2852	28.560	10.552	12.931	9.3407	.18499	.50004

#1	.00005	1.1179	.00033	.00154	.00300	.03376	.01903	.09199
#2	.00010	1.1711	.00050	.00179	.00250	.02957	.01908	.09135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00292	.00001	58.266	-.00004	.01265	.20201	-.00000	-.01316
Stddev	.00010	.00076	.210	.00034	.00006	.02999	.00003	.00561
%RSD	3.3190	7649.3	.36070	850.78	.48790	14.848	733.56	42.629

#1	.00298	-.00052	58.117	.00020	.01261	.18080	.00002	-.00919
#2	.00285	.00054	58.415	-.00028	.01270	.22322	-.00003	-.01712

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61741	.06750	-.00282	.00164	-.00056	-.0012	.00687	4.4148
Stddev	.00691	.00146	.00072	.00349	.00086	.0004	.00026	.0719
%RSD	1.1195	2.1565	25.482	213.42	154.42	31.93	3.7664	1.6284

#1	.61252	.06853	-.00231	.00411	.00005	-.0010	.00668	4.3640
#2	.62230	.06647	-.00333	-.00083	-.00116	-.0015	.00705	4.4656

Sample Name: J6184-02LX5 Acquired: 12/5/2018 16:16:28 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-MH-F Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .31661
%RSD 66.376

#1 -.70088
#2 -.25312

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3706.7	50018.	4102.3	96.067	3964.8
Stddev	4.6	16.	8.3	.161	4.6
%RSD	.12405	.03112	.20273	.16710	.11529

#1	3710.0	50029.	4096.4	95.953	3968.1
#2	3703.5	50007.	4108.2	96.180	3961.6

Sample Name: J6184-02MS Acquired: 12/5/2018 16:20:34 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81460	1.7672	.97666	1.9406	.80295	2.2065	.25126	.19719
Stddev	.00174	.0045	.00208	.0039	.00267	.0211	.00049	.00003
%RSD	.21412	.25513	.21335	.20266	.33198	.95483	.19668	.01559
#1	.81337	1.7640	.97518	1.9378	.80107	2.1916	.25161	.19721
#2	.81583	1.7704	.97813	1.9434	.80484	2.2214	.25091	.19717
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19050	6.6949	.40934	.20643	.31145	2.7323	.29709	2.5606
Stddev	.00086	.0422	.00029	.00072	.00024	.0414	.00008	.0624
%RSD	.45238	.63056	.07040	.34854	.07841	1.5152	.02828	2.4381
#1	.18989	6.7248	.40913	.20592	.31128	2.7030	.29715	2.5165
#2	.19111	6.6651	.40954	.20693	.31162	2.7615	.29703	2.6048
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48369	.06700	284.39	.28313	.25211	11.054	.41662	.27683
Stddev	.00125	.00049	1.28	.00047	.00098	.037	.00090	.00437
%RSD	.25914	.72977	.45021	.16487	.38823	.33090	.21523	1.5804
#1	.48280	.06734	285.30	.28346	.25142	11.079	.41598	.27374
#2	.48458	.06665	283.49	.28280	.25280	11.028	.41725	.27993
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1106	1.2110	.61520	.19891	.20514	5.580	.24562	5.2466
Stddev	.0015	.0083	.00006	.00238	.00069	.023	.00203	.0003
%RSD	.04921	.68491	.01007	1.1949	.33592	.4138	.82560	.00609
#1	3.1117	1.2169	.61525	.19723	.20562	5.564	.24705	5.2469
#2	3.1095	1.2052	.61516	.20059	.20465	5.596	.24418	5.2464

Sample Name: J6184-02MS Acquired: 12/5/2018 16:20:34 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.84645
%RSD	168.28

#1	-1.1015
#2	.09552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.4	47720.	3998.9	94.496	3660.2
Stddev	1.7	10.	21.6	.041	3.6
%RSD	.04725	.02030	.53950	.04327	.09838

#1	3567.6	47726.	3983.6	94.525	3662.8
#2	3565.2	47713.	4014.1	94.467	3657.7

Sample Name: J6184-02MSD Acquired: 12/5/2018 16:24:30 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RO-331MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81063	1.7605	.97109	1.9371	.79663	2.2323	.25007
Stddev	.00062	.0027	.00134	.0018	.00156	.0344	.00019
%RSD	.07633	.15595	.13817	.09252	.19523	1.5421	.07442

#1	.81107	1.7625	.97014	1.9384	.79773	2.2079	.25020
#2	.81020	1.7586	.97204	1.9358	.79553	2.2566	.24994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19751	.19013	6.7089	.41166	.20609	.31099	2.7632
Stddev	.00088	.00001	.0463	.00118	.00027	.00050	.0476
%RSD	.44395	.00555	.68950	.28762	.13056	.16218	1.7239

#1	.19813	.19012	6.6762	.41082	.20629	.31064	2.7295
#2	.19689	.19014	6.7417	.41249	.20590	.31135	2.7969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29817	2.5277	.48151	.06720	283.00	.28398	.25100
Stddev	.00067	.0607	.00209	.00082	3.92	.00157	.00133
%RSD	.22529	2.3995	.43397	1.2145	1.3853	.55388	.52926

#1	.29865	2.5706	.48298	.06778	285.78	.28509	.25006
#2	.29770	2.4848	.48003	.06662	280.23	.28287	.25194

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.071	.41611	.28789	3.0900	1.2020	.61264	.19857
Stddev	.029	.00060	.00267	.0037	.0098	.00145	.00055
%RSD	.26471	.14408	.92735	.11886	.81460	.23724	.27859

#1	11.050	.41653	.28977	3.0874	1.2089	.61161	.19896
#2	11.092	.41568	.28600	3.0926	1.1951	.61367	.19818

Sample Name: J6184-02MSD Acquired: 12/5/2018 16:24:30 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RO-331MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20398	5.539	.24552	5.2975	F<.00000
Stddev	.00045	.000	.00001	.0811	.53154
%RSD	.22092	.0048	.00518	1.5307	43.567

#1	.20366	5.539	.24553	5.3549	-.84420
#2	.20429	5.539	.24551	5.2402	-1.5959

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.5	47702.	4034.6	95.213	3687.9
Stddev	.2	179.	50.3	.466	3.4
%RSD	.00507	.37432	1.2463	.48892	.09202

#1	3585.4	47575.	3999.1	95.542	3685.5
#2	3585.6	47828.	4070.2	94.883	3690.3

Sample Name: CCV05 Acquired: 12/5/2018 16:28:26 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2271	4.8181	5.1256	4.9734	5.2475	10.140	10.150	.25034
Stddev	.0130	.0083	.0136	.0087	.0021	.007	.054	.00062
%RSD	.24929	.17175	.26478	.17545	.03977	.07254	.53287	.24886
#1	5.2179	4.8122	5.1160	4.9672	5.2460	10.145	10.111	.24990
#2	5.2363	4.8239	5.1352	4.9796	5.2490	10.135	10.188	.25078
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4445	25.749	.99920	2.5029	1.2503	4.5003	2.5161	25.087
Stddev	.0018	.055	.00074	.0005	.0022	.0566	.0048	.107
%RSD	.07423	.21215	.07417	.01847	.17826	1.2575	.18969	.42476
#1	2.4432	25.710	.99868	2.5025	1.2487	4.4603	2.5127	25.011
#2	2.4457	25.787	.99973	2.5032	1.2519	4.5403	2.5195	25.162
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3776	1.1962	23.632	2.2903	2.4771	25.110	5.2343	4.7879
Stddev	.0004	.0005	.118	.0045	.0431	.083	.0056	.0064
%RSD	.01474	.03857	.49881	.19584	1.7405	.32969	.10773	.13414
#1	2.3774	1.1965	23.549	2.2872	2.4466	25.051	5.2303	4.7833
#2	2.3779	1.1958	23.715	2.2935	2.5076	25.168	5.2383	4.7924
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5648	5.1000	4.5804	4.9226	4.9833	4.802	5.2872	4.8691
Stddev	.0076	.0025	.0034	.0012	.0277	.008	.0204	.0530
%RSD	.16667	.04868	.07339	.02403	.55523	.1614	.38492	1.0879
#1	4.5595	5.0982	4.5780	4.9234	4.9638	4.796	5.2729	4.8317
#2	4.5702	5.1017	4.5828	4.9218	5.0029	4.807	5.3016	4.9066

Sample Name: CCV05 Acquired: 12/5/2018 16:28:26 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4016
Stddev .6764
%RSD 28.165

#1 1.9233
#2 2.8799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.3	49581.	4094.8	93.656	3724.0
Stddev	7.0	95.	.8	1.332	10.2
%RSD	.19098	.19141	.02054	1.4221	.27376

#1	3668.3	49648.	4095.4	94.597	3716.8
#2	3678.2	49514.	4094.2	92.714	3731.2

Sample Name: CCB05 Acquired: 12/5/2018 16:32:12 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7750 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	.00141	-.00101	-.00149	-.00301	.00390	.00096
Stddev	.00094	.00032	.00014	.00138	.00041	.00904	.00029
%RSD	69.648	22.390	14.217	92.526	13.510	231.61	30.032

#1	-.00068	.00163	-.00091	-.00247	-.00272	.01029	.00116
#2	-.00200	.00118	-.00111	-.00052	-.00330	-.00249	.00075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	-.02272	.00014	-.00009	-.00017	.00452
Stddev	.00001	.00004	.00062	.00013	.00005	.00057	.00461
%RSD	37.379	81.871	2.7499	88.759	57.171	334.88	102.00

#1	.00003	.00002	-.02228	.00024	-.00005	.00023	.00777
#2	.00005	.00008	-.02316	.00005	-.00012	-.00057	.00126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01956	.00063	-.00027	-.02362	.00006	-.00091
Stddev	.00001	.01164	.00017	.00045	.00099	.00013	.00009
%RSD	24.797	59.509	26.883	165.98	4.1804	215.69	9.6577

#1	-.00007	-.02779	.00051	.00005	-.02292	-.00003	-.00085
#2	-.00005	-.01133	.00075	-.00060	-.02431	.00016	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02606	.00034	-.00608	F -.01222	.00233	-.00164	.00128
Stddev	.04417	.00030	.00116	.00114	.00126	.00065	.00142
%RSD	169.46	90.269	19.107	9.3247	54.227	39.522	110.83

#1	-.00517	.00055	-.00526	-.01142	.00144	-.00118	.00228
#2	.05730	.00012	-.00690	-.01303	.00323	-.00210	.00028

Sample Name: CCB05 Acquired: 12/5/2018 16:32:12 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7750 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00274	-0.0049	-0.00007	F 3.7911	F<.00000
Stddev	.00095	.0007	.00005	.0215	.15553
%RSD	34.678	13.43	77.740	.56570	88.531

#1	-0.00341	-0.0044	-0.00003	3.7759	-.06570
#2	-0.00207	-0.0054	-0.00010	3.8062	-.28566

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3829.3	52030.	4107.8	98.025	4286.8
Stddev	1.0	55.	10.7	.884	1.9
%RSD	.02630	.10599	.26102	.90169	.04468

#1	3828.6	51991.	4115.4	97.400	4285.4
#2	3830.0	52069.	4100.2	98.650	4288.1

Sample Name: J6184-02A Acquired: 12/5/2018 16:36:18 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-MH-J Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81207	1.7617	.97215	1.9392	.80078	2.2011	.25073
Stddev	.00269	.0007	.00228	.0052	.00040	.0221	.00051
%RSD	.33148	.03986	.23476	.27008	.05021	1.0032	.20494

#1	.81016	1.7622	.97053	1.9429	.80107	2.2167	.25109
#2	.81397	1.7612	.97376	1.9355	.80050	2.1855	.25037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19687	.18973	6.6571	.40683	.20595	.31257	2.7171
Stddev	.00021	.00056	.0066	.00001	.00021	.00128	.0070
%RSD	.10472	.29561	.09960	.00364	.10029	.40879	.25894

#1	.19672	.18933	6.6524	.40682	.20609	.31167	2.7121
#2	.19701	.19013	6.6618	.40684	.20580	.31347	2.7220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29684	2.5384	.48237	.06699	285.26	.28282	.25083
Stddev	.00019	.0233	.00024	.00014	5.47	.00012	.00149
%RSD	.06519	.91596	.04958	.21022	1.9190	.04134	.59469

#1	.29670	2.5219	.48221	.06689	289.13	.28273	.25188
#2	.29698	2.5548	.48254	.06709	281.39	.28290	.24977

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.072	.41688	.27531	3.0933	1.2015	.61431	.19974
Stddev	.006	.00062	.00253	.0074	.0030	.00196	.00002
%RSD	.05062	.14783	.92028	.23800	.25042	.31862	.00953

#1	11.068	.41644	.27351	3.0985	1.2037	.61293	.19973
#2	11.076	.41731	.27710	3.0881	1.1994	.61570	.19976

Sample Name: J6184-02A Acquired: 12/5/2018 16:36:18 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-MH-J Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20333	5.555	.24361	5.1179	F<.00000
Stddev	.00177	.005	.00017	.0148	.42696
%RSD	.86968	.0968	.07046	.28974	40.148

#1	.20208	5.551	.24373	5.1074	-.76156
#2	.20458	5.559	.24349	5.1284	-1.3654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.1	47809.	4001.6	95.154	3675.4
Stddev	.5	72.	18.7	.854	6.6
%RSD	.01284	.15132	.46723	.89793	.18061

#1	3570.8	47758.	3988.4	94.550	3670.7
#2	3571.4	47861.	4014.8	95.758	3680.1

Sample Name: J6192-02 Acquired: 12/5/2018 16:40:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-120318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00193	.00540	.00204	-.00241	.15197	.09432	.00002
Stddev	.00002	.00099	.00027	.00255	.00145	.01137	.00021	.00003
%RSD	1.5451	51.141	5.0691	125.09	60.211	7.4797	.22530	149.26

#1	-.00140	-.00123	.00559	.00024	-.00139	.16000	.09448	.00004
#2	-.00143	-.00263	.00520	.00385	-.00344	.14393	.09417	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	8.9944	.00085	.01129	.00254	.02141	.81759	1.2674
Stddev	.00010	.0132	.00051	.00012	.00065	.00380	.00046	.0316
%RSD	192.24	.14715	59.918	1.0392	25.713	17.751	.05567	2.4940

#1	.00013	9.0038	.00121	.01121	.00208	.02410	.81791	1.2898
#2	-.00002	8.9851	.00049	.01138	.00300	.01872	.81726	1.2451

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	-.00030	292.09	.00024	.02204	1.2034	-.00005	-.00206
Stddev	.00014	.00026	.85	.00037	.00020	.0186	.00018	.00069
%RSD	4.9844	89.410	.29229	151.90	.89591	1.5449	325.79	33.470

#1	.00270	-.00048	291.48	-.00002	.02190	1.1902	.00007	-.00254
#2	.00289	-.00011	292.69	.00050	.02218	1.2165	-.00018	-.00157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13435	.38021	-.00099	-.00082	.00207	.0009	.02485	5.1934
Stddev	.00015	.00054	.00036	.00326	.00089	.0000	.00004	.0725
%RSD	.10853	.14255	36.510	397.98	43.132	4.311	.15672	1.3968

#1	.13446	.37983	-.00073	-.00313	.00270	.0010	.02482	5.1421
#2	.13425	.38060	-.00124	.00149	.00144	.0009	.02488	5.2447

Sample Name: J6192-02 Acquired: 12/5/2018 16:40:13 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-120318 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5266
 Stddev .3862
 %RSD 25.301

#1 1.7998
 #2 1.2535

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3562.1	47735.	4062.9	93.121	3652.5
Stddev	.5	46.	7.2	.607	3.9
%RSD	.01349	.09582	.17736	.65177	.10576

#1	3562.4	47703.	4057.8	93.550	3655.2
#2	3561.7	47767.	4068.0	92.692	3649.8

Sample Name: J6198-02 Acquired: 12/5/2018 16:44:22 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SA-06-120318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00453	-.00199	.04853	.00152	-.00190	.14549	.09714	.00007
Stddev	.00131	.00015	.00017	.00388	.00064	.00781	.00051	.00002
%RSD	28.859	7.5479	.34175	254.87	33.671	5.3699	.52776	35.350

#1	-.00361	-.00209	.04865	.00426	-.00235	.13997	.09750	.00009
#2	-.00545	-.00188	.04841	-.00122	-.00144	.15101	.09677	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	14.788	.00159	.00411	.00777	.91250	.19501	.64751
Stddev	.00002	.181	.00001	.00031	.00011	.02965	.00078	.02366
%RSD	3.9924	1.2215	.69474	7.4942	1.4231	3.2497	.39992	3.6541

#1	.00050	14.660	.00159	.00389	.00769	.89154	.19445	.66424
#2	.00048	14.915	.00160	.00432	.00785	.93347	.19556	.63078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00491	.00023	269.46	.00037	.06124	.82659	.00022	.01019
Stddev	.00023	.00004	.28	.00022	.00091	.00892	.00007	.00653
%RSD	4.6626	19.488	.10273	59.216	1.4818	1.0795	31.812	64.141

#1	.00475	.00026	269.26	.00052	.06060	.83290	.00017	.01481
#2	.00507	.00020	269.65	.00021	.06188	.82028	.00027	.00557

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09926	.53700	-.00155	.00236	.00209	-.0017	.06636	5.1930
Stddev	.00062	.00094	.00031	.00348	.00066	.0016	.00028	.1665
%RSD	.62568	.17515	20.049	147.02	31.614	95.46	.42645	3.2065

#1	.09882	.53634	-.00177	-.00009	.00256	-.0029	.06616	5.0753
#2	.09970	.53767	-.00133	.00482	.00162	-.0006	.06656	5.3108

Sample Name: J6198-02 Acquired: 12/5/2018 16:44:22 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-120318 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0565
 Stddev .2740
 %RSD 25.939

#1 1.2503
 #2 .86271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.3	47767.	4053.2	93.879	3678.4
Stddev	1.3	53.	2.4	1.267	3.1
%RSD	.03697	.11153	.05939	1.3495	.08561

#1	3572.3	47805.	4054.9	94.775	3676.2
#2	3570.4	47730.	4051.5	92.983	3680.7

Sample Name: J6201-02 Acquired: 12/5/2018 16:48:29 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-11932-72- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	-.00193	.00403	.00136	-.00162	.08902	.07965	.00002
Stddev	.00186	.00021	.00040	.00059	.00021	.00302	.00002	.00005
%RSD	79.405	11.114	9.8031	43.628	13.044	3.3978	.02592	240.64

#1	-.00102	-.00178	.00431	.00094	-.00177	.09116	.07966	-.00001
#2	-.00365	-.00208	.00375	.00177	-.00147	.08688	.07963	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	8.9996	.00062	.00373	.00973	.06692	.19152	2.6482
Stddev	.00001	.1101	.00004	.00019	.00035	.01460	.00045	.0450
%RSD	6.1644	1.2237	6.6426	5.0376	3.5825	21.820	.23644	1.6994

#1	.00008	8.9217	.00059	.00360	.00949	.05659	.19120	2.6800
#2	.00009	9.0775	.00065	.00386	.00998	.07724	.19184	2.6164

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	-.00018	251.31	.00042	.02504	.70265	.00029	.00197
Stddev	.00007	.00048	.46	.00016	.00040	.01670	.00007	.00243
%RSD	4.3582	261.82	.18412	37.677	1.5953	2.3770	24.673	123.15

#1	.00162	.00016	251.63	.00031	.02476	.69084	.00034	.00369
#2	.00172	-.00053	250.98	.00054	.02533	.71446	.00024	.00025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09846	.32244	-.00194	.00285	.00111	.0022	.03338	5.0014
Stddev	.00097	.00309	.00039	.00105	.00018	.0013	.00011	.0083
%RSD	.98742	.95969	20.260	37.039	15.971	60.80	.32765	.16634

#1	.09914	.32462	-.00221	.00210	.00098	.0031	.03330	4.9955
#2	.09777	.32025	-.00166	.00359	.00123	.0012	.03345	5.0073

Sample Name: J6201-02 Acquired: 12/5/2018 16:48:29 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 72-11932-72- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5721
 Stddev .2943
 %RSD 18.721

#1 1.7802
 #2 1.3640

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3579.1	48276.	4103.5	95.963	3680.7
Stddev	11.8	194.	40.2	1.314	1.0
%RSD	.33092	.40201	.97876	1.3693	.02791

#1	3587.5	48413.	4075.1	96.892	3681.4
#2	3570.8	48139.	4131.9	95.033	3680.0

Sample Name: J6129-01MSD Acquired: 12/5/2018 16:52:37 Type: Unk
Method: P4-ICP2(v2631) 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	.79445	1.7791	.93114	1.9397	.79899	1.9143	.20753	.19717
Stddev	.00211	.0006	.00034	.0076	.00197	.0045	.00114	.00028
%RSD	.26594	.03159	.03613	.38954	.24699	.23275	.54928	.14198
#1	.79594	1.7795	.93138	1.9450	.80039	1.9174	.20834	.19737
#2	.79295	1.7787	.93090	1.9343	.79760	1.9111	.20672	.19697
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17888	27.022	.38488	.18667	.29521	2.5309	.19656	13.757
Stddev	.00024	.050	.00242	.00008	.00036	.0227	.00009	.062
%RSD	.13228	.18615	.62753	.04026	.12272	.89818	.04417	.45235
#1	.17905	27.058	.38317	.18662	.29547	2.5148	.19650	13.801
#2	.17871	26.986	.38659	.18673	.29496	2.5470	.19662	13.713
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44461	.06004	73.642	.26717	.19123	13.379	.40982	.29488
Stddev	.00059	.00124	.004	.00098	.00248	.010	.00022	.00322
%RSD	.13219	2.0599	.00587	.36579	1.2952	.07679	.05467	1.0919
#1	.44503	.05916	73.645	.26786	.18948	13.372	.40997	.29715
#2	.44420	.06091	73.639	.26648	.19298	13.386	.40966	.29260
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1952	3.7748	.59056	.18827	.17692	5.377	.35267	3.5456
Stddev	.0095	.0095	.00020	.00323	.00059	.006	.00090	.0749
%RSD	.13140	.25047	.03321	1.7136	.33306	.1123	.25473	2.1122
#1	7.1885	3.7681	.59070	.18599	.17651	5.382	.35330	3.4926
#2	7.2018	3.7815	.59042	.19055	.17734	5.373	.35203	3.5985

Sample Name: J6129-01MSD Acquired: 12/5/2018 16:52:37 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .11476
%RSD 17.060

#1 -.59154
#2 -.75385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3903.5	52722.	4304.7	104.36	4126.4
Stddev	5.3	98.	2.2	1.43	10.0
%RSD	.13683	.18663	.05106	1.3708	.24272

#1	3907.3	52791.	4306.3	105.37	4133.4
#2	3899.7	52652.	4303.1	103.35	4119.3

Sample Name: J6129-01MS Acquired: 12/5/2018 16:56:25 Type: Unk
Method: P4-ICP2(v2631) 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	.79044	1.7718	.93248	1.9374	.80147	1.9206	.20786	.19687
Stddev	.00444	.0046	.00043	.0032	.00022	.0117	.00126	.00006
%RSD	.56171	.25808	.04660	.16280	.02746	.60810	.60447	.02853

#1	.78730	1.7685	.93217	1.9352	.80162	1.9123	.20698	.19691
#2	.79358	1.7750	.93279	1.9396	.80131	1.9289	.20875	.19683

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17871	26.927	.38343	.18715	.29545	2.5635	.19597	13.591
Stddev	.00040	.170	.00037	.00006	.00063	.0202	.00029	.036
%RSD	.22430	.63194	.09577	.03450	.21236	.78948	.14741	.26266

#1	.17899	27.048	.38317	.18711	.29500	2.5492	.19618	13.616
#2	.17842	26.807	.38369	.18720	.29589	2.5778	.19577	13.565

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44472	.05920	73.563	.26665	.19264	13.350	.41160	.28089
Stddev	.00007	.00098	.060	.00002	.00163	.041	.00068	.00746
%RSD	.01665	1.6614	.08099	.00709	.84803	.30667	.16413	2.6544

#1	.44477	.05989	73.605	.26664	.19380	13.321	.41208	.27562
#2	.44467	.05850	73.521	.26666	.19149	13.379	.41112	.28616

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1900	3.7567	.59310	.19103	.17862	5.373	.35226	3.5370
Stddev	.0033	.0024	.00132	.00234	.00056	.008	.00077	.0709
%RSD	.04544	.06366	.22328	1.2263	.31321	.1431	.21771	2.0048

#1	7.1923	3.7584	.59216	.18938	.17902	5.368	.35280	3.5871
#2	7.1876	3.7550	.59404	.19269	.17823	5.379	.35172	3.4868

Sample Name: J6129-01MS Acquired: 12/5/2018 16:56:25 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .49716
%RSD 71.519

#1 -.34360
#2 -1.0467

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3867.2	52508.	4292.7	102.95	4091.5
Stddev	1.2	69.	20.3	.56	3.5
%RSD	.03202	.13051	.47290	.54675	.08448

#1	3868.0	52557.	4278.3	102.55	4094.0
#2	3866.3	52460.	4307.0	103.35	4089.1

Sample Name: J6129-01A Acquired: 12/5/2018 17:00:13 Type: Unk
Method: P4-ICP2(v2631) 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	.79307	1.7740	.92990	1.9416	.80129	1.9220	.20909	.19674
Stddev	.00296	.0057	.00164	.0016	.00068	.0166	.00103	.00000
%RSD	.37356	.32314	.17602	.08246	.08524	.86529	.49225	.00098

#1	.79516	1.7781	.93106	1.9427	.80177	1.9103	.20836	.19674
#2	.79097	1.7699	.92874	1.9405	.80080	1.9338	.20982	.19674

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17874	27.137	.38303	.18632	.29557	2.6127	.19619	13.612
Stddev	.00038	.117	.00074	.00026	.00090	.0740	.00014	.133
%RSD	.21290	.43015	.19277	.13869	.30516	2.8310	.07279	.97637

#1	.17901	27.055	.38356	.18614	.29494	2.5604	.19609	13.518
#2	.17847	27.220	.38251	.18651	.29621	2.6650	.19629	13.706

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44266	.05754	73.657	.26691	.19716	13.400	.40998	.29442
Stddev	.00009	.00185	.394	.00096	.00495	.182	.00022	.00612
%RSD	.02091	3.2086	.53479	.36119	2.5085	1.3592	.05274	2.0803

#1	.44259	.05885	73.378	.26623	.19366	13.271	.41013	.29875
#2	.44272	.05624	73.935	.26759	.20065	13.529	.40982	.29009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1851	3.7756	.59095	.18736	.17937	5.365	.35408	3.7721
Stddev	.0209	.0304	.00067	.00410	.00004	.006	.00160	.0588
%RSD	.29096	.80432	.11422	2.1860	.02237	.1182	.45300	1.5598

#1	7.1704	3.7541	.59048	.18446	.17934	5.361	.35295	3.7305
#2	7.1999	3.7971	.59143	.19025	.17940	5.370	.35521	3.8137

Sample Name: J6129-01A Acquired: 12/5/2018 17:00:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .18777
%RSD 19.908

#1 -1.0759
#2 -.81039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.3	51971.	4260.1	100.01	4083.9
Stddev	7.4	82.	28.2	2.69	6.7
%RSD	.19159	.15712	.66174	2.6890	.16526

#1	3862.6	51913.	4280.0	101.91	4088.7
#2	3852.1	52029.	4240.1	98.108	4079.1

Sample Name: PB115310BL Acquired: 12/5/2018 17:04:01 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14268 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	.00064	.00051	.00001	-.00273	.00266	.00088
Stddev	.00028	.00021	.00036	.00230	.00050	.00600	.00119
%RSD	30.853	32.931	69.999	16062.	18.162	225.36	134.35

#1	-.00110	.00049	.00026	.00164	-.00238	.00690	.00004
#2	-.00070	.00079	.00076	-.00161	-.00308	-.00158	.00172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00005	-.01567	.00029	-.00001	-.00065	.00687
Stddev	.00004	.00003	.01518	.00024	.00000	.00030	.00320
%RSD	95.022	55.815	96.846	82.520	25.539	45.969	46.651

#1	.00007	.00003	-.00494	.00012	-.00001	-.00086	.00913
#2	.00001	.00007	-.02641	.00047	-.00000	-.00044	.00460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.01767	.00091	.00024	.16325	.00043	-.00087
Stddev	.00000	.02076	.00045	.00000	.00604	.00032	.00005
%RSD	42.837	117.48	49.665	.75316	3.6986	73.273	5.3062

#1	-.00001	-.03236	.00059	.00024	.16752	.00065	-.00084
#2	-.00000	-.00299	.00122	.00024	.15898	.00021	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17017	.00032	-.01384	-.00710	.00153	-.00270	.00150
Stddev	.03396	.00008	.00359	.00075	.00066	.00076	.00342
%RSD	19.958	25.765	25.965	10.557	43.223	28.151	228.52

#1	.19418	.00038	-.01638	-.00763	.00106	-.00216	.00392
#2	.14615	.00026	-.01130	-.00657	.00200	-.00324	-.00092

Sample Name: PB115310BL Acquired: 12/5/2018 17:04:01 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14268 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.0034	-.00001	F 3.6137	F<.00000
Stddev	.00006	.0014	.00010	.1320	.01486
%RSD	5.5922	42.64	742.33	3.6523	3.1180

#1	.00119	-.0044	-.00008	3.7071	-.46617
#2	.00110	-.0024	.00006	3.5204	-.48719

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3808.1	52030.	4104.5	98.958	4266.6
Stddev	6.7	213.	16.4	1.025	.6
%RSD	.17485	.40924	.39999	1.0361	.01404

#1	3803.4	51879.	4092.9	99.683	4266.2
#2	3812.8	52180.	4116.1	98.233	4267.0

Sample Name: PB115310BS Acquired: 12/5/2018 17:08:05 Type: Unk
Method: P4-ICP2(v2631) 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	.79730	1.8833	.98230	1.8683	.81011	2.0112	.21651
Stddev	.00121	.0012	.00253	.0048	.00072	.0019	.00054
%RSD	.15180	.06287	.25727	.25854	.08869	.09440	.25160

#1	.79816	1.8841	.98408	1.8649	.80960	2.0099	.21689
#2	.79645	1.8825	.98051	1.8717	.81061	2.0126	.21612

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19175	.18361	1.1188	.42265	.20089	.31518	2.9372
Stddev	.00035	.00066	.0018	.00091	.00060	.00011	.0492
%RSD	.18510	.36153	.16096	.21556	.29825	.03372	1.6736

#1	.19150	.18408	1.1175	.42201	.20132	.31526	2.9720
#2	.19200	.18314	1.1200	.42330	.20047	.31511	2.9025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21509	2.1644	.47492	.06796	3.0103	.28961	.20840
Stddev	.00059	.0147	.00101	.00000	.0068	.00223	.00116
%RSD	.27516	.67838	.21315	.00705	.22470	.77096	.55712

#1	.21467	2.1748	.47564	.06797	3.0150	.28803	.20922
#2	.21550	2.1540	.47420	.06796	3.0055	.29119	.20758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.562	.43529	.28028	F -.01085	.98303	.60546	.20553
Stddev	.021	.00096	.00077	.00294	.00403	.00266	.00142
%RSD	.20295	.22058	.27554	27.070	.40980	.43978	.69188

#1	10.578	.43597	.28082	-.00877	.98588	.60734	.20453
#2	10.547	.43461	.27973	-.01293	.98018	.60357	.20654

Sample Name: PB115310BS Acquired: 12/5/2018 17:08:05 Type: Unk
 Method: P4-ICP2(v2631) 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	.20984	5.073	.22389	F 3.7363	F<.00000
Stddev	.00044	.022	.00013	.0164	.28546
%RSD	.21045	.4360	.05589	.43926	9.4882

#1	.20953	5.088	.22380	3.7247	-2.8067
#2	.21015	5.057	.22398	3.7479	-3.2104

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.9	52029.	4082.1	93.750	4171.4
Stddev	8.4	60.	12.2	.625	12.4
%RSD	.22040	.11535	.29952	.66625	.29612

#1	3791.0	51987.	4073.4	93.308	4162.7
#2	3802.9	52072.	4090.7	94.192	4180.1

Sample Name: PB115366BL Acquired: 12/5/2018 17:11:55 Type: Unk
Method: P4-ICP2(v2631) 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	-.00054	.00097	-.00125	.00070	-.00163	.00824	.00073
Stddev	.00150	.00068	.00051	.00021	.00042	.00102	.00057
%RSD	275.14	70.330	40.762	30.494	26.107	12.368	77.573

#1	-.00160	.00145	-.00161	.00085	-.00193	.00896	.00114
#2	.00051	.00049	-.00089	.00055	-.00133	.00752	.00033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	-.00780	.00002	-.00004	-.00037	.00589
Stddev	.00002	.00006	.01294	.00004	.00004	.00006	.01531
%RSD	66.464	268.90	165.89	235.03	105.46	15.704	260.01

#1	.00002	-.00002	.00135	-.00001	-.00001	-.00033	.01671
#2	.00005	.00007	-.01695	.00005	-.00006	-.00041	-.00494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00566	.00086	.00018	-.02062	.00012	-.00100
Stddev	.00001	.03261	.00002	.00049	.00325	.00009	.00012
%RSD	17.986	575.86	2.1124	279.20	15.779	72.004	12.116

#1	.00003	.02872	.00085	.00053	-.01831	.00019	-.00091
#2	.00003	-.01739	.00087	-.00017	-.02292	.00006	-.00108

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03902	-.00000	-.00717	F -.01294	.00413	-.00260	.00154
Stddev	.04072	.00016	.00003	.00084	.00067	.00020	.00011
%RSD	104.37	13625.	.35583	6.4625	16.117	7.7246	6.9374

#1	.01022	-.00012	-.00715	-.01235	.00460	-.00246	.00162
#2	.06781	.00011	-.00718	-.01353	.00366	-.00275	.00147

Sample Name: PB115366BL Acquired: 12/5/2018 17:11:55 Type: Unk
Method: P4-ICP2(v2631) 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	-.00389	-.0039	-.00005	F 3.5972	F<.00000
Stddev	.00046	.0002	.00012	.1080	.01957
%RSD	11.753	4.960	249.28	3.0012	6.2947

#1	-.00421	-.0037	-.00013	3.6735	-.29713
#2	-.00357	-.0040	.00004	3.5208	-.32481

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.6	52300.	4113.6	95.354	4293.7
Stddev	.4	87.	1.0	.737	3.3
%RSD	.01104	.16574	.02344	.77246	.07601

#1	3834.9	52239.	4112.9	94.833	4291.4
#2	3834.3	52361.	4114.3	95.875	4296.0

Sample Name: CCV06 Acquired: 12/5/2018 17:16:00 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14271 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2759	4.8557	5.1592	5.0115	5.2794	10.309	10.165	.25345
Stddev	.0017	.0065	.0174	.0041	.0015	.007	.031	.00012
%RSD	.03297	.13369	.33741	.08221	.02798	.06979	.30249	.04746

#1	5.2772	4.8511	5.1469	5.0144	5.2783	10.314	10.143	.25354
#2	5.2747	4.8603	5.1715	5.0086	5.2804	10.304	10.187	.25337

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4631	25.878	1.0140	2.5217	1.2582	4.6134	2.5442	24.983
Stddev	.0085	.079	.0010	.0054	.0032	.0023	.0009	.091
%RSD	.34494	.30462	.09878	.21415	.25441	.04986	.03608	.36298

#1	2.4571	25.823	1.0147	2.5179	1.2559	4.6117	2.5436	25.047
#2	2.4691	25.934	1.0133	2.5255	1.2604	4.6150	2.5449	24.919

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3997	1.2099	23.658	2.3227	2.5191	25.143	5.2715	4.7861
Stddev	.0074	.0013	.180	.0055	.0208	.077	.0018	.0199
%RSD	.30826	.10351	.76271	.23779	.82594	.30428	.03315	.41636

#1	2.3944	1.2090	23.530	2.3266	2.5044	25.089	5.2703	4.7721
#2	2.4049	1.2108	23.786	2.3188	2.5339	25.197	5.2728	4.8002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6143	5.0709	4.6239	4.9611	4.9827	4.849	5.2986	4.9230
Stddev	.0185	.0351	.0065	.0132	.0245	.025	.0236	.0560
%RSD	.40115	.69229	.13951	.26589	.49140	.5053	.44462	1.1380

#1	4.6012	5.0461	4.6193	4.9518	4.9653	4.832	5.2819	4.9626
#2	4.6274	5.0957	4.6285	4.9704	5.0000	4.866	5.3153	4.8834

Sample Name: CCV06 Acquired: 12/5/2018 17:16:00 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14271 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2967
Stddev .1853
%RSD 8.0668

#1 2.1657
#2 2.4278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.4	49204.	4103.5	92.546	3700.2
Stddev	10.8	21.	20.9	.399	1.2
%RSD	.29530	.04168	.50857	.43100	.03148

#1	3649.7	49189.	4118.2	92.828	3699.4
#2	3665.0	49218.	4088.7	92.264	3701.0

Sample Name: CCB06 Acquired: 12/5/2018 17:19:45 Type: Unk
Method: P4-ICP2(v2631) 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	-.00037	.00061	-.00040	.00080	-.00126	.00616	-.00016
Stddev	.00196	.00018	.00067	.00192	.00004	.00082	.00041
%RSD	524.31	28.637	167.46	240.43	3.2135	13.231	262.12

#1	-.00176	.00074	.00007	.00215	-.00123	.00674	.00013
#2	.00101	.00049	-.00087	-.00056	-.00129	.00558	-.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	-.01061	.00027	-.00013	-.00101	-.00375
Stddev	.00005	.00001	.00848	.00004	.00012	.00025	.00790
%RSD	211.19	42.731	79.895	14.573	93.700	24.872	210.82

#1	-.00001	.00004	-.01660	.00024	-.00004	-.00119	.00184
#2	.00005	.00002	-.00462	.00029	-.00021	-.00084	-.00933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00921	.00079	-.00000	-.06294	.00015	-.00093
Stddev	.00004	.01798	.00027	.00000	.00475	.00014	.00011
%RSD	133.09	195.27	34.749	50.168	7.5401	92.793	11.966

#1	-.00006	-.02193	.00060	-.00000	-.05959	.00005	-.00085
#2	-.00000	.00351	.00098	-.00001	-.06630	.00024	-.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04814	.00043	-.00747	F -.01167	.00495	-.00182	.00046
Stddev	.05712	.00017	.00143	.00008	.00000	.00069	.00195
%RSD	118.63	39.903	19.161	.64491	.05361	38.085	420.74

#1	.08853	.00055	-.00848	-.01162	.00495	-.00133	-.00091
#2	.00776	.00031	-.00646	-.01172	.00495	-.00231	.00184

Sample Name: CCB06 Acquired: 12/5/2018 17:19:45 Type: Unk
 Method: P4-ICP2(v2631) 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	-.00178	-.0036	.00008	F 3.6040	F<.00000
Stddev	.00076	.0010	.00001	.0922	.29061
%RSD	42.687	26.48	17.835	2.5592	44.784

#1	-.00232	-.0043	.00009	3.6692	-.44342
#2	-.00124	-.0030	.00007	3.5387	-.85440

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.1	52102.	4111.4	97.125	4285.5
Stddev	15.7	167.	4.9	2.157	11.0
%RSD	.40827	.32083	.11812	2.2205	.25656

#1	3823.0	51983.	4108.0	95.600	4277.7
#2	3845.1	52220.	4114.8	98.650	4293.2

Sample Name: PB115366BS Acquired: 12/5/2018 17:23:50 Type: Unk
Method: P4-ICP2(v2631) 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	.78871	1.8884	.97798	1.8709	.80974	1.9896	.21205
Stddev	.00315	.0016	.00242	.0033	.00031	.0182	.00015
%RSD	.39996	.08497	.24732	.17753	.03780	.91706	.06849

#1	.79094	1.8895	.97969	1.8685	.80952	2.0025	.21216
#2	.78648	1.8872	.97627	1.8732	.80996	1.9767	.21195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19158	.18277	1.1020	.41052	.19764	.31232	2.8051
Stddev	.00058	.00018	.0024	.00041	.00013	.00149	.0793
%RSD	.30059	.09827	.21609	.09912	.06600	.47580	2.8268

#1	.19199	.18264	1.1037	.41081	.19754	.31337	2.7490
#2	.19118	.18290	1.1003	.41023	.19773	.31127	2.8612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21001	2.0365	.46757	.06730	2.9035	.28015	.20100
Stddev	.00010	.0566	.00022	.00037	.0055	.00037	.00223
%RSD	.04840	2.7780	.04664	.55140	.18964	.13281	1.1074

#1	.21008	1.9965	.46741	.06704	2.8996	.27989	.19943
#2	.20994	2.0765	.46772	.06757	2.9074	.28041	.20257

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.360	.42972	.27741	F .23073	.98174	.60870	.20277
Stddev	.018	.00072	.00337	.00276	.00226	.00163	.00184
%RSD	.17110	.16793	1.2159	1.1965	.23012	.26859	.90937

#1	10.372	.43024	.27502	.22878	.98334	.60755	.20146
#2	10.347	.42921	.27980	.23268	.98014	.60986	.20407

Sample Name: PB115366BS Acquired: 12/5/2018 17:23:50 Type: Unk
 Method: P4-ICP2(v2631) 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	.20603	5.086	.21851	F 3.6797	F<.00000
Stddev	.00217	.003	.00065	.0292	.09301
%RSD	1.0539	.0635	.29753	.79376	3.7697

#1	.20756	5.084	.21897	3.7003	-2.5330
#2	.20449	5.088	.21805	3.6590	-2.4015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3798.1	51978.	4093.1	96.025	4142.4
Stddev	14.5	277.	13.6	.778	10.9
%RSD	.38179	.53324	.33161	.81002	.26431

#1	3787.9	51782.	4083.5	96.575	4134.7
#2	3808.4	52174.	4102.7	95.475	4150.2

Sample Name: PB115372BL Acquired: 12/5/2018 17:27:41 Type: Unk
Method: P4-ICP2(v2631) 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	-.00124	.00002	-.00073	-.00081	-.00190	-.00085	-.00081
Stddev	.00170	.00049	.00038	.00040	.00200	.00344	.00011
%RSD	137.38	2690.4	51.769	49.018	105.43	404.16	13.660

#1	-.00004	-.00033	-.00046	-.00053	-.00331	-.00328	-.00073
#2	-.00244	.00037	-.00100	-.00109	-.00048	.00158	-.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00002	.00000	.00018	.00017	-.00069	-.00464
Stddev	.00005	.00002	.02147	.00033	.00009	.00036	.00223
%RSD	741.41	94.477	2019600.	180.04	51.016	51.949	48.062

#1	.00004	-.00004	-.01518	-.00005	.00011	-.00094	-.00622
#2	-.00003	-.00001	.01518	.00042	.00023	-.00043	-.00306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.02703	.00070	-.00001	-.07155	.00019	-.00102
Stddev	.00007	.00958	.00002	.00001	.00699	.00035	.00006
%RSD	165.06	35.446	2.1805	61.373	9.7712	182.65	6.1898

#1	-.00009	-.02025	.00069	-.00002	-.07650	-.00006	-.00106
#2	.00001	-.03380	.00071	-.00001	-.06661	.00043	-.00097

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00010	-.01882	F -.01291	.00074	-.00223	.00061
Stddev	.04587	.00002	.00019	.00203	.00176	.00020	.00002
%RSD	1147.3	23.834	1.0272	15.750	237.64	8.8797	2.8727

#1	.03644	.00008	-.01869	-.01147	-.00050	-.00237	.00063
#2	-.02844	.00011	-.01896	-.01435	.00198	-.00209	.00060

Sample Name: PB115372BL Acquired: 12/5/2018 17:27:41 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00452	-0.0035	-0.00001	F 3.6428	F<.00000
Stddev	.00129	.0008	.00005	.1338	.08698
%RSD	28.485	21.99	566.55	3.6740	12.982
#1	-0.00543	-0.0030	.00003	3.7375	-.60847
#2	-0.00361	-0.0041	-.00005	3.5482	-.73147
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.6	52097.	4118.0	97.783	4286.4
Stddev	9.2	141.	6.9	.507	14.0
%RSD	.24051	.27053	.16695	.51825	.32688
#1	3822.1	51997.	4122.9	98.142	4276.5
#2	3835.1	52197.	4113.2	97.425	4296.3

Sample Name: PB115372BS Acquired: 12/5/2018 17:31:47 Type: Unk
Method: P4-ICP2(v2631) 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	.78987	1.8899	.97861	1.8686	.81006	1.9927	.21039
Stddev	.00640	.0081	.00583	.0137	.00969	.0220	.00116
%RSD	.81066	.42789	.59594	.73226	1.1964	1.1024	.54977

#1	.79440	1.8956	.98274	1.8783	.81691	1.9772	.20957
#2	.78534	1.8842	.97449	1.8589	.80321	2.0082	.21121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19204	.18291	1.0889	.40810	.19740	.31272	2.7827
Stddev	.00002	.00112	.0333	.00018	.00116	.00257	.1036
%RSD	.01158	.61157	3.0585	.04408	.58675	.82322	3.7246

#1	.19202	.18370	1.0653	.40797	.19822	.31454	2.8560
#2	.19206	.18212	1.1124	.40822	.19658	.31090	2.7094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20955	2.0399	.46826	.06791	2.8612	.28009	.20100
Stddev	.00023	.0227	.00245	.00017	.0066	.00092	.00659
%RSD	.10976	1.1141	.52385	.24339	.23054	.32957	3.2809

#1	.20939	2.0238	.47000	.06779	2.8566	.28074	.20567
#2	.20971	2.0560	.46653	.06803	2.8659	.27944	.19634

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.325	.43022	.27718	F .23428	.97465	.60904	.20146
Stddev	.011	.00262	.00630	.00083	.00276	.00238	.00244
%RSD	.10738	.60908	2.2721	.35429	.28368	.39158	1.2106

#1	10.333	.43208	.28163	.23487	.97269	.61072	.20318
#2	10.317	.42837	.27273	.23370	.97660	.60735	.19973

Sample Name: PB115372BS Acquired: 12/5/2018 17:31:47 Type: Unk
Method: P4-ICP2(v2631) 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	.20380	5.091	.21707	F 3.7520	F<.00000
Stddev	.00127	.028	.00009	.2186	.16007
%RSD	.62198	.5540	.04327	5.8270	4.6294

#1	.20470	5.111	.21700	3.9066	-3.3446
#2	.20290	5.071	.21713	3.5974	-3.5709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.9	52022.	4121.0	96.558	4156.5
Stddev	4.5	188.	11.3	2.781	5.7
%RSD	.11943	.36050	.27353	2.8804	.13683

#1	3802.7	51889.	4113.0	94.592	4152.5
#2	3809.1	52155.	4128.9	98.525	4160.5

Sample Name: PB115372TB Acquired: 12/5/2018 17:35:38 Type: Unk
Method: P4-ICP2(v2631) 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	-.00265	-.00223	-.00071	.00172	-.00153	.01461	.00012	-.00001
Stddev	.00219	.00025	.00048	.00098	.00009	.01958	.00025	.00001
%RSD	82.568	11.082	67.888	56.865	5.6905	134.07	199.65	54.603

#1	-.00420	-.00205	-.00105	.00103	-.00159	.02846	-.00005	-.00001
#2	-.00110	-.00240	-.00037	.00241	-.00147	.00076	.00030	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.01240	.00085	-.00024	-.00071	.01405	.00011	-.01139
Stddev	.00005	.01244	.00031	.00011	.00022	.01205	.00000	.00108
%RSD	71.325	100.27	36.335	45.587	31.277	85.791	3.4073	9.4736

#1	-.00004	-.02120	.00107	-.00016	-.00055	.00553	.00011	-.01062
#2	-.00011	-.00361	.00063	-.00032	-.00087	.02257	.00010	-.01215

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	.00317	F 680.07	-.00027	-.00001	.23857	.00028	-.00533
Stddev	.00005	.00045	6.37	.00050	.00008	.00721	.00019	.00374
%RSD	.72865	14.038	.93637	184.11	564.31	3.0207	67.216	70.125

#1	.00623	.00349	684.58	.00008	-.00007	.23347	.00041	-.00269
#2	.00630	.00286	675.57	-.00062	.00004	.24366	.00015	-.00797

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01093	.00728	-.00127	-.00009	.00107	-.0058	-.00003	F 5.9209
Stddev	.00045	.00277	.00049	.00152	.00063	.0014	.00010	.1097
%RSD	4.1253	37.983	38.849	1747.3	59.054	24.49	341.96	1.8529

#1	-.01061	.00533	-.00092	-.00116	.00062	-.0068	.00004	5.9985
#2	-.01124	.00924	-.00162	.00099	.00151	-.0048	-.00010	5.8433

Sample Name: PB115372TB Acquired: 12/5/2018 17:35:38 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1765
Stddev .0155
%RSD .71045

#1 2.1656
#2 2.1874

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.6	44893.	3974.5	90.050	3430.5
Stddev	.4	152.	7.6	1.120	12.1
%RSD	.01025	.33931	.19223	1.2433	.35391

#1	3426.4	44785.	3969.1	90.842	3421.9
#2	3426.9	45000.	3979.9	89.258	3439.1

Sample Name: J6206-03 Acquired: 12/5/2018 17:39:48 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01632	-.00209	.07564	-.01648	.00118	62.548	.12786
Stddev	.00066	.00082	.00000	.00354	.00106	.446	.00068
%RSD	4.0340	39.069	.00618	21.509	89.340	.71350	.52967

#1	.01585	-.00267	.07565	-.01397	.00193	62.863	.12833
#2	.01679	-.00151	.07564	-.01899	.00044	62.232	.12738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	-.00036	1.0776	.13073	.03194	.05314	78.300
Stddev	.00021	.00030	.0039	.00038	.00022	.00026	2.545
%RSD	8.7099	82.779	.35936	.29257	.69206	.49024	3.2507

#1	.00228	-.00057	1.0749	.13046	.03178	.05296	80.100
#2	.00258	-.00015	1.0804	.13100	.03209	.05333	76.501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85355	9.3451	.09102	-.00313	.24275	.09909	.22967
Stddev	.00015	.0420	.00035	.00014	.00504	.00071	.00540
%RSD	.01799	.44993	.38612	4.3747	2.0749	.71191	2.3505

#1	.85366	9.3748	.09126	-.00323	.24631	.09859	.23349
#2	.85344	9.3154	.09077	-.00303	.23919	.09959	.22586

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5917	.00269	-.04322	1.3649	2.4683	.00145	1.4329
Stddev	.0073	.00002	.00428	.0010	.0001	.00014	.0025
%RSD	.27989	.68123	9.9095	.07208	.00578	9.8237	.17415

#1	2.5865	.00268	-.04625	1.3656	2.4682	.00155	1.4311
#2	2.5968	.00270	-.04019	1.3642	2.4684	.00134	1.4347

Sample Name: J6206-03 Acquired: 12/5/2018 17:39:48 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03670	1.465	-.07670	2.9751	F<.00000
Stddev	.00067	.001	.00261	.0936	.51999
%RSD	1.8161	.0786	3.4087	3.1454	4.3177

#1	.03623	1.464	-.07855	3.0413	-12.411
#2	.03718	1.465	-.07485	2.9090	-11.676

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3985.4	54021.	4440.7	99.567	4046.1
Stddev	4.9	76.	20.1	2.676	9.4
%RSD	.12325	.14067	.45217	2.6873	.23226

#1	3982.0	53967.	4454.9	97.675	4039.5
#2	3988.9	54074.	4426.5	101.46	4052.8

Sample Name: J6206-03DUP Acquired: 12/5/2018 17:43:47 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01312	-.00182	.07539	-.01770	.00055	62.445	.12922
Stddev	.00196	.00054	.00141	.00079	.00113	.017	.00108
%RSD	14.959	29.832	1.8711	4.4814	204.77	.02766	.83924

#1	.01173	-.00143	.07440	-.01714	-.00025	62.457	.12845
#2	.01450	-.00220	.07639	-.01826	.00135	62.433	.12999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.00041	1.0909	.13122	.03167	.05318	79.296
Stddev	.00002	.00021	.0156	.00071	.00011	.00095	2.999
%RSD	.71402	52.667	1.4282	.53814	.34713	1.7863	3.7825

#1	.00244	-.00056	1.0799	.13072	.03159	.05251	81.417
#2	.00246	-.00026	1.1019	.13172	.03175	.05385	77.175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85434	9.3422	.09125	-.00213	.11601	.09943	.23217
Stddev	.00083	.0358	.00058	.00041	.00264	.00043	.00922
%RSD	.09735	.38296	.64025	19.203	2.2766	.42823	3.9716

#1	.85492	9.3675	.09083	-.00184	.11788	.09973	.23869
#2	.85375	9.3169	.09166	-.00242	.11415	.09912	.22565

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5929	.00273	-.03641	1.3602	2.4598	.00094	1.4307
Stddev	.0086	.00003	.00432	.0030	.0073	.00027	.0039
%RSD	.33118	1.2304	11.862	.22366	.29789	28.655	.27293

#1	2.5868	.00276	-.03947	1.3580	2.4546	.00075	1.4335
#2	2.5990	.00271	-.03336	1.3623	2.4650	.00113	1.4279

Sample Name: J6206-03DUP Acquired: 12/5/2018 17:43:47 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03667	1.470	-.07787	2.8193	F<.00000
Stddev	.00093	.002	.00329	.0649	.67312
%RSD	2.5301	.1571	4.2283	2.3022	5.4665

#1	.03601	1.469	-.08020	2.8652	-11.838
#2	.03732	1.472	-.07554	2.7734	-12.789

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.5	53902.	4380.3	98.339	4034.5
Stddev	2.0	126.	10.9	3.989	3.6
%RSD	.05098	.23434	.24841	4.0564	.08928

#1	3972.1	53812.	4388.0	95.518	4032.0
#2	3975.0	53991.	4372.6	101.16	4037.1

Sample Name: J6206-03LX5 Acquired: 12/5/2018 17:47:44 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	-.00005	.01485	-.00564	-.00160	13.656	.02842	.00051
Stddev	.00068	.00140	.00029	.00240	.00029	.017	.00086	.00008
%RSD	55.346	2978.8	1.9392	42.515	18.142	.12421	3.0135	15.664

#1	.00075	.00094	.01464	-.00394	-.00181	13.668	.02903	.00046
#2	.00171	-.00104	.01505	-.00733	-.00139	13.644	.02782	.00057

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.26797	.02863	.00725	.01208	16.774	.18845	2.2539
Stddev	.00013	.00387	.00082	.00000	.00097	.288	.00037	.0271
%RSD	148.36	1.4444	2.8611	.04781	8.0265	1.7193	.19433	1.2008

#1	.00000	.27070	.02805	.00725	.01277	16.571	.18871	2.2730
#2	-.00018	.26523	.02921	.00724	.01139	16.978	.18819	2.2348

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02049	-.00100	.01450	.02276	.05117	.59149	.00062	-.01403
Stddev	.00006	.00008	.00191	.00031	.00126	.00471	.00015	.00037
%RSD	.30460	7.8659	13.190	1.3657	2.4610	.79684	24.892	2.6215

#1	.02045	-.00106	.01585	.02254	.05028	.59482	.00051	-.01377
#2	.02053	-.00095	.01314	.02297	.05206	.58816	.00073	-.01429

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25447	.46219	-.00152	.31638	.00593	.3012	-.01625	3.4800
Stddev	.00187	.00358	.00090	.00407	.00023	.0034	.00031	.1264
%RSD	.73313	.77431	58.714	1.2873	3.9045	1.136	1.8945	3.6315

#1	.25315	.45965	-.00216	.31350	.00609	.2988	-.01603	3.3907
#2	.25579	.46472	-.00089	.31926	.00576	.3036	-.01647	3.5694

Sample Name: J6206-03LX5 Acquired: 12/5/2018 17:47:44 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6217
Stddev	.2671
%RSD	5.7790

#1	4.8106
#2	4.4329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3880.0	52606.	4203.6	98.583	4193.1
Stddev	1.9	50.	23.7	2.110	.5
%RSD	.05019	.09547	.56451	2.1398	.01111

#1	3878.6	52642.	4220.4	100.08	4192.7
#2	3881.4	52571.	4186.8	97.092	4193.4

Sample Name: J6206-05 Acquired: 12/5/2018 17:51:45 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6206-03MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82403	1.9991	1.1213	1.9248	.26927	58.434	.34367
Stddev	.00505	.0014	.0026	.0141	.00588	.092	.00049
%RSD	.61283	.06886	.23190	.73531	2.1853	.15718	.14160

#1	.82046	1.9981	1.1194	1.9148	.26511	58.499	.34402
#2	.82761	2.0001	1.1231	1.9348	.27343	58.369	.34333

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20140	.19716	1.7095	.53315	.24094	.36497	70.772
Stddev	.00010	.00022	.0252	.00160	.00016	.00225	1.890
%RSD	.04840	.11043	1.4756	.29921	.06618	.61704	2.6700

#1	.20133	.19701	1.6916	.53203	.24105	.36338	72.108
#2	.20147	.19732	1.7273	.53428	.24083	.36656	69.435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1052	8.5787	.57478	.06876	3.0289	.36033	.40809
Stddev	.0016	.0449	.00060	.00037	.0177	.00091	.01025
%RSD	.14440	.52307	.10473	.54026	.58543	.25295	2.5120

#1	1.1041	8.5470	.57520	.06902	3.0414	.35969	.41534
#2	1.1064	8.6104	.57435	.06850	3.0164	.36098	.40084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.571	.41822	.22772	1.1569	2.5936	.61303	1.7545
Stddev	.019	.00306	.00120	.0029	.0564	.00187	.0101
%RSD	.13642	.73071	.52878	.25335	2.1748	.30568	.57737

#1	13.584	.41606	.22687	1.1590	2.5537	.61171	1.7617
#2	13.557	.42038	.22857	1.1548	2.6335	.61436	1.7474

Sample Name: J6206-05 Acquired: 12/5/2018 17:51:45 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6206-03MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23924	6.764	.15793	3.3802	F<.00000
Stddev	.00019	.008	.00294	.0320	.68172
%RSD	.07742	.1142	1.8602	.94734	6.0575

#1	.23911	6.759	.15586	3.4029	-11.736
#2	.23937	6.770	.16001	3.3576	-10.772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.5	53328.	4291.2	93.974	3968.5
Stddev	11.3	37.	18.4	2.403	3.7
%RSD	.28965	.06996	.42915	2.5572	.09428

#1	3925.5	53355.	4304.2	92.275	3965.9
#2	3909.4	53302.	4278.1	95.673	3971.2

Sample Name: J6206-07 Acquired: 12/5/2018 17:55:33 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J6206-03MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82127	1.9950	1.1161	1.9141	.26879	58.338	.34488
Stddev	.00239	.0006	.0021	.0131	.00094	.346	.00054
%RSD	.29118	.02749	.19139	.68255	.34893	.59225	.15581

#1	.82296	1.9946	1.1146	1.9048	.26813	58.583	.34450
#2	.81958	1.9954	1.1176	1.9233	.26945	58.094	.34526

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20172	.19627	1.7072	.53616	.24003	.36301	70.111
Stddev	.00041	.00038	.0029	.00337	.00009	.00061	.597
%RSD	.20137	.19441	.16860	.62836	.03579	.16862	.85141

#1	.20201	.19600	1.7051	.53854	.23997	.36257	69.689
#2	.20143	.19654	1.7092	.53378	.24009	.36344	70.533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1073	8.5545	.57253	.06784	3.0291	.36060	.40811
Stddev	.0009	.0963	.00306	.00013	.0046	.00126	.00357
%RSD	.08506	1.1256	.53410	.19467	.15217	.34984	.87409

#1	1.1079	8.4864	.57036	.06775	3.0258	.36149	.40559
#2	1.1066	8.6226	.57469	.06793	3.0323	.35971	.41063

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.540	.41610	.23815	1.1511	2.5458	.60815	1.7405
Stddev	.019	.00060	.00067	.0052	.0303	.00218	.0083
%RSD	.14129	.14326	.28186	.44883	1.1911	.35851	.47735

#1	13.553	.41652	.23863	1.1474	2.5244	.60661	1.7464
#2	13.526	.41568	.23768	1.1547	2.5673	.60970	1.7346

Sample Name: J6206-07 Acquired: 12/5/2018 17:55:33 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J6206-03MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23899	6.749	.16004	3.5294	F<.00000
Stddev	.00208	.005	.00043	.1671	.18562
%RSD	.87145	.0770	.26761	4.7339	1.7286

#1	.24047	6.745	.16035	3.6476	-10.869
#2	.23752	6.753	.15974	3.4113	-10.607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3925.0	53205.	4275.0	93.960	3977.6
Stddev	11.7	276.	17.2	.790	12.4
%RSD	.29749	.51794	.40347	.84053	.31300

#1	3916.7	53010.	4287.2	94.518	3968.8
#2	3933.3	53400.	4262.8	93.401	3986.4

Sample Name: J6206-03A Acquired: 12/5/2018 17:59:20 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82661	2.0036	1.1226	1.9205	.26955	58.001	.33991
Stddev	.00106	.0068	.0040	.0031	.00146	.023	.00091
%RSD	.12842	.34114	.36066	.15914	.54015	.04008	.26876

#1	.82586	2.0084	1.1197	1.9226	.26852	57.985	.33927
#2	.82736	1.9987	1.1254	1.9183	.27058	58.018	.34056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20145	.19750	1.7099	.53306	.24136	.36400	69.411
Stddev	.00014	.00014	.0145	.00138	.00074	.00071	.205
%RSD	.06748	.07007	.85023	.25880	.30776	.19430	.29551

#1	.20135	.19740	1.6996	.53403	.24188	.36450	69.266
#2	.20155	.19760	1.7202	.53208	.24083	.36350	69.556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1022	8.4747	.57512	.06767	3.0159	.35955	.40048
Stddev	.0004	.0363	.00022	.00063	.0121	.00040	.00320
%RSD	.04124	.42796	.03839	.93075	.40066	.10999	.80024

#1	1.1025	8.5003	.57497	.06723	3.0244	.35983	.39822
#2	1.1019	8.4490	.57528	.06812	3.0074	.35927	.40275

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.481	.41696	.23832	1.1578	2.5207	.61137	1.7343
Stddev	.001	.00002	.01057	.0000	.0130	.00171	.0051
%RSD	.01034	.00454	4.4352	.00054	.51717	.27894	.29391

#1	13.480	.41694	.23084	1.1578	2.5115	.61017	1.7379
#2	13.482	.41697	.24579	1.1578	2.5299	.61258	1.7307

Sample Name: J6206-03A Acquired: 12/5/2018 17:59:20 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-5B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23826	6.782	.15861	3.2766	F<.00000
Stddev	.00114	.013	.00068	.0328	.44377
%RSD	.47867	.1983	.42579	1.0003	4.1205

#1	.23745	6.792	.15813	3.2998	-11.084
#2	.23907	6.773	.15909	3.2535	-10.456

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3935.0	53436.	4316.7	95.668	3978.8
Stddev	5.7	5.	17.2	.686	4.8
%RSD	.14386	.00890	.39765	.71674	.11975

#1	3931.0	53432.	4328.8	96.153	3975.5
#2	3939.0	53439.	4304.5	95.183	3982.2

Sample Name: CCV07 Acquired: 12/5/2018 18:03:08 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-120318 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2636	4.8738	5.1637	5.0028	5.2669	10.208	10.251	.25332
Stddev	.0023	.0037	.0033	.0013	.0048	.057	.011	.00064
%RSD	.04417	.07561	.06422	.02524	.09121	.55553	.10717	.25205
#1	5.2619	4.8712	5.1614	5.0037	5.2703	10.248	10.243	.25287
#2	5.2652	4.8764	5.1661	5.0019	5.2635	10.168	10.259	.25377
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4630	26.034	1.0126	2.5225	1.2580	4.6318	2.5407	25.094
Stddev	.0032	.218	.0034	.0025	.0022	.0348	.0015	.082
%RSD	.12944	.83919	.33888	.09811	.17913	.75141	.05746	.32687
#1	2.4608	25.880	1.0101	2.5208	1.2564	4.6564	2.5396	25.036
#2	2.4653	26.189	1.0150	2.5243	1.2595	4.6072	2.5417	25.152
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3991	1.2043	23.745	2.3107	2.5545	25.275	5.2630	4.8346
Stddev	.0068	.0024	.035	.0015	.0179	.155	.0022	.0004
%RSD	.28446	.20279	.14823	.06515	.69930	.61313	.04177	.00915
#1	2.3943	1.2061	23.720	2.3096	2.5671	25.166	5.2615	4.8349
#2	2.4040	1.2026	23.770	2.3118	2.5419	25.385	5.2646	4.8343
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6031	5.1692	4.6227	4.9485	5.0308	4.855	5.3652	5.0468
Stddev	.0070	.0510	.0188	.0079	.0231	.000	.0205	.0357
%RSD	.15224	.98625	.40656	.16030	.45824	.0065	.38203	.70742
#1	4.6080	5.1331	4.6094	4.9429	5.0145	4.855	5.3507	5.0216
#2	4.5981	5.2052	4.6360	4.9541	5.0471	4.855	5.3797	5.0720

Sample Name: CCV07 Acquired: 12/5/2018 18:03:08 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SA-06-120318 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9767
Stddev	.2297
%RSD	7.7181

#1	3.1391
#2	2.8142

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.3	49260.	4055.9	91.041	3705.7
Stddev	.1	7.	25.7	.624	2.5
%RSD	.00343	.01522	.63327	.68501	.06619

#1	3664.2	49265.	4074.0	90.600	3707.5
#2	3664.4	49254.	4037.7	91.482	3704.0

Sample Name: CCB07 Acquired: 12/5/2018 18:06:53 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-11932-72- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00045	.00008	.00051	-.00111	-.00480	.00025
Stddev	.00012	.00111	.00009	.00180	.00129	.00254	.00054
%RSD	87.627	248.55	103.75	351.70	116.59	52.902	218.94

#1	.00005	.00124	.00002	-.00076	-.00202	-.00300	-.00013
#2	.00022	-.00034	.00014	.00179	-.00019	-.00659	.00063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.00194	.00024	-.00005	-.00058	.00451
Stddev	.00004	.00005	.01194	.00027	.00009	.00029	.00369
%RSD	75.209	70.996	614.61	115.85	188.05	50.564	81.841

#1	.00003	.00011	.01038	.00043	-.00011	-.00079	.00190
#2	.00009	.00004	-.00650	.00004	.00002	-.00037	.00713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01672	.00059	-.00014	-.06594	.00014	-.00091
Stddev	.00002	.01851	.00012	.00028	.01281	.00051	.00011
%RSD	186.14	110.70	20.543	202.99	19.423	379.86	11.606

#1	.00003	.02982	.00067	.00006	-.07499	.00050	-.00099
#2	-.00000	.00363	.00050	-.00033	-.05688	-.00023	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02507	.00032	-.01068	F -.01395	.00286	-.00095	.00315
Stddev	.00476	.00014	.00150	.00085	.00066	.00004	.00104
%RSD	18.978	44.043	14.034	6.0896	22.973	4.1950	32.929

#1	.02171	.00042	-.00962	-.01335	.00332	-.00092	.00388
#2	.02844	.00022	-.01174	-.01455	.00239	-.00097	.00241

Sample Name: CCB07 Acquired: 12/5/2018 18:06:53 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 72-11932-72- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00161	-0.0030	-0.00001	F 3.4214	F<.00000
Stddev	.00137	.0003	.00006	.0493	.13681
%RSD	84.901	8.642	614.70	1.4412	33.232

#1	-0.00258	-0.0031	-0.00005	3.3865	-.50843
#2	-0.00064	-0.0028	.00003	3.4562	-.31495

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.4	52335.	4096.4	95.625	4303.3
Stddev	15.7	37.	5.2	2.168	7.1
%RSD	.40849	.07012	.12632	2.2677	.16484

#1	3828.3	52309.	4100.0	97.158	4298.3
#2	3850.5	52361.	4092.7	94.092	4308.3

Sample Name: J6157-04 Acquired: 12/5/2018 18:10:58 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-2- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00281	-.00208	.01416	-.00095	-.00218	11.678	.56258	.00076
Stddev	.00068	.00080	.00043	.00071	.00015	.017	.00096	.00002
%RSD	24.245	38.577	3.0700	75.275	7.0152	.14379	.17014	2.9573

#1	.00329	-.00152	.01386	-.00145	-.00207	11.690	.56326	.00078
#2	.00233	-.00265	.01447	-.00044	-.00229	11.666	.56190	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	16.041	.03266	.00453	.02433	6.8469	.68408	6.5636
Stddev	.00003	.002	.00018	.00026	.00035	.0766	.00058	.0082
%RSD	.75323	.01295	.55241	5.7773	1.4489	1.1185	.08540	.12544

#1	.00364	16.040	.03254	.00471	.02408	6.9010	.68366	6.5578
#2	.00367	16.043	.03279	.00434	.02458	6.7927	.68449	6.5694

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01372	-.00012	57.836	.01699	.22484	5.0290	.00212	.28032
Stddev	.00037	.00011	.117	.00053	.00136	.0211	.00009	.01419
%RSD	2.7042	87.269	.20189	3.1068	.60602	.41886	4.0013	5.0636

#1	.01398	-.00005	57.753	.01662	.22581	5.0141	.00218	.29036
#2	.01346	-.00020	57.918	.01736	.22388	5.0439	.00206	.27028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1260	F 21.806	-.00359	.20610	.00870	.2326	.09916	4.4316
Stddev	.0059	.076	.00008	.00280	.00258	.0012	.00013	.0205
%RSD	.07230	.34998	2.2743	1.3593	29.632	.5215	.13365	.46342

#1	8.1301	21.752	-.00365	.20412	.00688	.2318	.09907	4.4171
#2	8.1218	21.860	-.00353	.20808	.01053	.2335	.09926	4.4461

Sample Name: J6157-04 Acquired: 12/5/2018 18:10:58 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-2- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4243
Stddev	.3196
%RSD	22.438

#1	1.1983
#2	1.6503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3766.7	50481.	4155.2	95.363	3962.5
Stddev	5.2	22.	9.2	1.056	17.9
%RSD	.13770	.04295	.22112	1.1075	.45158

#1	3763.0	50466.	4161.7	94.616	3949.9
#2	3770.4	50497.	4148.8	96.110	3975.2

Sample Name: J6157-05 Acquired: 12/5/2018 18:14:57 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-3- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00893	-.00269	.04751	-.00481	-.00139	40.938	.45200	.00281
Stddev	.00195	.00071	.00113	.00027	.00116	.110	.00291	.00004
%RSD	21.787	26.361	2.3756	5.5775	83.292	.26911	.64319	1.5095
#1	.00755	-.00319	.04831	-.00462	-.00057	41.016	.44995	.00284
#2	.01030	-.00219	.04671	-.00500	-.00221	40.860	.45406	.00278
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00048	14.805	.06666	.01811	.06494	36.153	1.2450	10.854
Stddev	.00005	.150	.00002	.00006	.00016	.618	.0037	.080
%RSD	9.5318	1.0123	.03653	.33304	.25149	1.7082	.29359	.73535
#1	-.00044	14.699	.06665	.01807	.06506	35.717	1.2424	10.797
#2	-.00051	14.910	.06668	.01815	.06483	36.590	1.2475	10.910
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03311	-.00083	46.588	.06987	.15758	7.8480	.00101	.04427
Stddev	.00042	.00042	.295	.00014	.00348	.0131	.00005	.00390
%RSD	1.2758	50.128	.63220	.20094	2.2063	.16652	5.0203	8.8184
#1	.03281	-.00113	46.380	.06997	.15512	7.8387	.00098	.04151
#2	.03341	-.00054	46.796	.06977	.16004	7.8572	.00105	.04703
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5043	F 56.206	-.00068	.70223	.04444	.7621	.08799	4.0729
Stddev	.0124	.611	.00085	.00129	.00036	.0019	.00054	.1790
%RSD	.19019	1.0873	124.85	.18427	.81732	.2447	.61910	4.3943
#1	6.4956	55.774	-.00128	.70315	.04469	.7608	.08837	4.1995
#2	6.5131	56.638	-.00008	.70132	.04418	.7634	.08760	3.9464

Sample Name: J6157-05 Acquired: 12/5/2018 18:14:57 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMPOSITE-3- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.4574
Stddev	.8253
%RSD	15.123

#1	4.8738
#2	6.0410

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.7	51734.	4223.6	93.853	3900.7
Stddev	16.6	212.	24.6	1.277	14.5
%RSD	.42959	.40965	.58218	1.3607	.37105

#1	3851.9	51584.	4241.0	94.756	3890.5
#2	3875.4	51884.	4206.3	92.950	3911.0

Sample Name: J6157-06 Acquired: 12/5/2018 18:18:56 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-3- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00182	-.00221	.01044	.00072	-.00182	10.367	.66769	.00072
Stddev	.00199	.00009	.00076	.00063	.00039	.008	.00085	.00002
%RSD	109.27	3.8792	7.3048	88.348	21.717	.07665	.12800	2.7958

#1	.00322	-.00215	.01098	.00116	-.00154	10.362	.66830	.00071
#2	.00041	-.00227	.00990	.00027	-.00210	10.373	.66709	.00074

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.447	.01386	.00400	.02055	6.6380	.85286	6.0466
Stddev	.00002	.076	.00051	.00025	.00016	.0529	.00053	.0188
%RSD	87.500	.56477	3.7111	6.1435	.79651	.79664	.06232	.31069

#1	.00001	13.501	.01423	.00383	.02043	6.6754	.85248	6.0598
#2	.00004	13.393	.01350	.00417	.02066	6.6006	.85323	6.0333

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00809	-.00008	53.770	.01443	.29162	5.6084	.00110	.31311
Stddev	.00003	.00034	.070	.00072	.00155	.0059	.00012	.01662
%RSD	.35377	442.19	.13107	4.9725	.53132	.10550	10.647	5.3086

#1	.00807	.00017	53.720	.01493	.29271	5.6126	.00118	.30135
#2	.00811	-.00032	53.820	.01392	.29052	5.6042	.00102	.32486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8730	F 21.516	-.00386	.18371	.00648	.1995	.10068	4.3409
Stddev	.0030	.151	.00004	.00113	.00080	.0007	.00047	.0960
%RSD	.03843	.70155	1.0901	.61418	12.268	.3407	.46544	2.2124

#1	7.8751	21.623	-.00389	.18451	.00705	.1990	.10101	4.4088
#2	7.8708	21.409	-.00383	.18291	.00592	.2000	.10035	4.2730

Sample Name: J6157-06 Acquired: 12/5/2018 18:18:56 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMPOSITE-3- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7774
Stddev	.4047
%RSD	22.770

#1	2.0636
#2	1.4912

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3783.5	50822.	4129.1	96.034	3987.8
Stddev	12.2	223.	27.4	.608	7.4
%RSD	.32229	.43894	.66404	.63342	.18549

#1	3792.1	50664.	4109.7	95.603	3993.1
#2	3774.9	50980.	4148.4	96.464	3982.6

Sample Name: J6157-07 Acquired: 12/5/2018 18:22:56 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-4- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02135	-.00748	.28102	-.02334	.00522	192.30	1.7210
Stddev	.00097	.00167	.00120	.00016	.00022	.59	.0107
%RSD	4.5356	22.377	.42729	.67417	4.1474	.30491	.62205

#1	.02067	-.00630	.28017	-.02322	.00538	191.89	1.7285
#2	.02204	-.00867	.28187	-.02345	.00507	192.72	1.7134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01233	-.00111	21.228	.29837	.09163	.18976	185.41
Stddev	.00001	.00073	.036	.00156	.00066	.00202	5.31
%RSD	.10521	65.318	.16878	.52311	.72380	1.0632	2.8615

#1	.01234	-.00162	21.253	.29947	.09116	.18834	189.17
#2	.01232	-.00060	21.202	.29726	.09210	.19119	181.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5277	35.290	.17344	-.00050	29.767	.27591	.77999
Stddev	.0009	.285	.00022	.00078	.114	.00064	.02452
%RSD	.03515	.80656	.12850	155.76	.38411	.23312	3.1432

#1	2.5284	35.492	.17328	.00005	29.848	.27637	.79733
#2	2.5271	35.089	.17359	-.00105	29.686	.27546	.76266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.888	.00343	.02182	7.0116	F 78.698	.01297	2.2348
Stddev	.100	.00009	.00654	.0116	.529	.00052	.0028
%RSD	.77366	2.5693	29.970	.16576	.67172	3.9744	.12516

#1	12.958	.00349	.02645	7.0034	79.072	.01260	2.2368
#2	12.817	.00337	.01720	7.0199	78.325	.01333	2.2328

Sample Name: J6157-07 Acquired: 12/5/2018 18:22:56 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMPOSITE-4- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24629	3.864	-.01477	1.3393	F<.00000
Stddev	.00184	.000	.00607	.0451	.39620
%RSD	.74512	.0105	41.103	3.3690	.58614

#1	.24500	3.863	-.01906	1.3712	-67.315
#2	.24759	3.864	-.01047	1.3074	-67.875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4346.7	57783.	4872.2	91.992	3623.3
Stddev	2.3	117.	36.8	2.975	11.9
%RSD	.05310	.20311	.75603	3.2343	.32899

#1	4345.0	57700.	4846.2	89.888	3614.9
#2	4348.3	57866.	4898.3	94.095	3631.7

Sample Name: J6157-08 Acquired: 12/5/2018 18:26:53 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-4- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00455	-.00289	.04764	-.00442	-.00044	44.948	1.1364	.00247
Stddev	.00049	.00017	.00003	.00044	.00054	.011	.0122	.00006
%RSD	10.853	5.9452	.06319	10.009	123.64	.02491	1.0768	2.2601

#1	.00420	-.00301	.04762	-.00473	-.00082	44.956	1.1451	.00243
#2	.00490	-.00276	.04766	-.00411	-.00006	44.940	1.1278	.00251

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	11.075	.06323	.01367	.06187	30.578	.80286	8.3322
Stddev	.00003	.034	.00021	.00025	.00004	.662	.00049	.0343
%RSD	11.214	.30661	.32996	1.8352	.05873	2.1642	.06053	.41177

#1	.00024	11.051	.06338	.01349	.06190	31.046	.80252	8.3565
#2	.00021	11.099	.06308	.01384	.06185	30.110	.80321	8.3079

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03095	-.00095	41.401	.05573	.57083	5.7930	.00184	.39493
Stddev	.00029	.00031	.179	.00065	.01231	.0924	.00033	.00185
%RSD	.94814	32.619	.43316	1.1617	2.1565	1.5941	17.677	.46911

#1	.03074	-.00117	41.527	.05619	.57954	5.7277	.00161	.39624
#2	.03115	-.00073	41.274	.05527	.56213	5.8583	.00207	.39362

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3158	F 55.614	-.00013	.76295	.04140	.7281	.05420	3.8807
Stddev	.0450	.464	.00024	.00382	.00174	.0057	.00081	.2370
%RSD	.61522	.83503	182.59	.50031	4.1992	.7808	1.4896	6.1062

#1	7.2839	55.943	.00004	.76565	.04017	.7241	.05363	4.0483
#2	7.3476	55.286	-.00030	.76026	.04263	.7321	.05477	3.7131

Sample Name: J6157-08 Acquired: 12/5/2018 18:26:53 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-4- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.9355
Stddev	.3488
%RSD	5.0287

#1	6.6889
#2	7.1821

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.3	52125.	4238.7	95.812	3949.8
Stddev	22.7	190.	31.4	2.222	13.7
%RSD	.58113	.36418	.74162	2.3195	.34688

#1	3920.4	51990.	4216.5	94.240	3959.5
#2	3888.3	52259.	4261.0	97.383	3940.1

Sample Name: J6157-09 Acquired: 12/5/2018 18:30:52 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-5- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04930	-.01089	.46314	-.02311	.00540	196.81	1.6024
Stddev	.00201	.00051	.00086	.00300	.00092	.02	.0022
%RSD	4.0784	4.6724	.18479	12.999	17.074	.00888	.13916

#1	.04788	-.01125	.46253	-.02524	.00605	196.82	1.6040
#2	.05072	-.01053	.46374	-.02099	.00475	196.80	1.6008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01387	-.00046	18.133	.31544	.10699	.46311	219.16
Stddev	.00006	.00017	.094	.00245	.00025	.00195	1.69
%RSD	.41964	36.704	.51848	.77615	.23441	.42132	.76955

#1	.01383	-.00034	18.067	.31371	.10717	.46173	217.97
#2	.01391	-.00058	18.200	.31717	.10681	.46449	220.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4657	35.054	.18230	.00357	22.988	.35292	.97719
Stddev	.0039	.263	.00004	.00040	.049	.00196	.00913
%RSD	.15906	.74931	.02338	11.194	.21337	.55667	.93418

#1	2.4684	35.240	.18233	.00385	23.023	.35153	.97073
#2	2.4629	34.869	.18227	.00329	22.953	.35431	.98364

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.945	.00720	.03806	7.2116	F 67.902	.01719	2.3790
Stddev	.046	.00006	.00260	.0058	.231	.00125	.0107
%RSD	.30660	.79893	6.8234	.08031	.34010	7.2733	.45119

#1	14.978	.00724	.03623	7.2157	67.739	.01630	2.3866
#2	14.913	.00716	.03990	7.2075	68.065	.01807	2.3714

Sample Name: J6157-09 Acquired: 12/5/2018 18:30:52 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-5- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23623	6.779	-.06071	.55291	F<.00000
Stddev	.00121	.004	.00213	.08836	1.7084
%RSD	.51284	.0622	3.5111	15.982	1.9623

#1	.23708	6.776	-.05920	.61539	-85.855
#2	.23537	6.782	-.06221	.49042	-88.271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4411.9	58681.	4897.9	90.532	3627.6
Stddev	.5	213.	6.0	.592	10.6
%RSD	.01193	.36339	.12332	.65431	.29212

#1	4411.5	58530.	4893.6	90.951	3620.1
#2	4412.2	58831.	4902.2	90.113	3635.1

Sample Name: J6157-10 Acquired: 12/5/2018 18:34:48 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-5- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01017	-.00255	.06375	-.00541	.00053	40.899	1.3943	.00240
Stddev	.00085	.00002	.00064	.00063	.00065	.259	.0051	.00003
%RSD	8.3540	.69434	1.0069	11.731	123.98	.63313	.36803	1.3473
#1	.00957	-.00256	.06420	-.00586	.00099	40.716	1.3907	.00242
#2	.01078	-.00254	.06329	-.00496	.00007	41.082	1.3980	.00237
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	7.3498	.06964	.01381	.07693	33.050	.49931	6.6763
Stddev	.00002	.0376	.00102	.00015	.00006	.155	.00013	.0119
%RSD	19.721	.51122	1.4668	1.0839	.07571	.47029	.02625	.17774
#1	-.00013	7.3233	.06891	.01371	.07697	33.160	.49941	6.6847
#2	-.00010	7.3764	.07036	.01392	.07689	32.940	.49922	6.6679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02903	.00004	33.828	.06798	.69354	6.3914	.00503	.57991
Stddev	.00010	.00086	.131	.00061	.00163	.0458	.00037	.00587
%RSD	.33859	2269.3	.38758	.89459	.23536	.71700	7.3841	1.0128
#1	.02896	.00065	33.736	.06755	.69470	6.4238	.00477	.57576
#2	.02909	-.00057	33.921	.06841	.69239	6.3590	.00530	.58407
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0523	F 51.422	-.00081	.72340	.03662	1.007	.03121	3.8871
Stddev	.0639	.041	.00035	.00137	.00036	.009	.00048	.0135
%RSD	.90656	.07992	43.644	.18901	.98695	.8540	1.5445	.34796
#1	7.0071	51.393	-.00056	.72244	.03688	1.001	.03087	3.8966
#2	7.0975	51.451	-.00106	.72437	.03637	1.013	.03155	3.8775

Sample Name: J6157-10 Acquired: 12/5/2018 18:34:48 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-5- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.4702
Stddev .7370
%RSD 13.474

#1 5.9914
#2 4.9491

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3889.3	52013.	4239.8	94.801	3964.0
Stddev	17.5	59.	1.6	.254	20.8
%RSD	.44909	.11417	.03661	.26742	.52594

#1	3901.6	52055.	4240.9	94.622	3978.7
#2	3876.9	51971.	4238.7	94.981	3949.2

Sample Name: J6157-11 Acquired: 12/5/2018 18:38:46 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-6- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04897	-.00921	.74290	-.01998	.00509	169.54	1.3464
Stddev	.00230	.00030	.00250	.00190	.00005	.42	.0015
%RSD	4.6986	3.2173	.33713	9.4900	.92051	.24623	.11107

#1	.04734	-.00900	.74113	-.02132	.00506	169.83	1.3453
#2	.05059	-.00942	.74467	-.01864	.00513	169.24	1.3474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01218	.00136	15.760	.31442	.09389	.26765	186.60
Stddev	.00017	.00021	.020	.00481	.00009	.00071	1.29
%RSD	1.4243	15.267	.12978	1.5313	.09076	.26479	.68992

#1	.01230	.00121	15.745	.31783	.09382	.26815	187.51
#2	.01205	.00150	15.774	.31102	.09395	.26715	185.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3019	37.928	.17288	.00389	27.975	.30032	1.1913
Stddev	.0008	.054	.00008	.00000	.047	.00238	.0087
%RSD	.03275	.14201	.04706	.05630	.16846	.79341	.73221

#1	2.3024	37.890	.17293	.00389	27.941	.30201	1.1975
#2	2.3014	37.966	.17282	.00389	28.008	.29864	1.1851

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.694	.00598	.02977	6.8077	F 71.344	.03074	3.0948
Stddev	.027	.00032	.00751	.0132	.087	.00138	.0053
%RSD	.14543	5.2983	25.239	.19388	.12218	4.4836	.17247

#1	18.713	.00621	.03509	6.7983	71.406	.03171	3.0986
#2	18.675	.00576	.02446	6.8170	71.283	.02976	3.0911

Sample Name: J6157-11 Acquired: 12/5/2018 18:38:46 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMPOSITE-6- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27443	4.512	-.02248	1.3485	F<.00000
Stddev	.00128	.008	.00135	.2414	.50191
%RSD	.46581	.1856	6.0189	17.897	.76756

#1	.27353	4.506	-.02343	1.1779	-65.745
#2	.27534	4.518	-.02152	1.5192	-65.036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4254.4	56718.	4728.1	91.851	3649.7
Stddev	16.5	179.	1.3	.840	3.1
%RSD	.38820	.31577	.02808	.91398	.08470

#1	4242.7	56592.	4727.1	91.258	3647.5
#2	4266.0	56845.	4729.0	92.445	3651.9

Sample Name: J6157-12 Acquired: 12/5/2018 18:42:42 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMPOSITE-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	.01266	-.00164	.09569	-.00275	-.00052	27.561	.94695	.00177
Stddev	.00236	.00045	.00069	.00179	.00108	.061	.00122	.00003
%RSD	18.671	27.442	.72070	65.040	209.20	.22127	.12850	1.8740
#1	.01099	-.00132	.09520	-.00149	.00025	27.518	.94609	.00179
#2	.01433	-.00196	.09618	-.00402	-.00128	27.604	.94781	.00175
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	7.0962	.04748	.01045	.08062	23.152	.41927	5.7527
Stddev	.00020	.0053	.00022	.00008	.00043	.221	.00144	.0069
%RSD	159.36	.07527	.45518	.78219	.52983	.95584	.34373	.11905
#1	.00026	7.1000	.04764	.01050	.08032	22.995	.42029	5.7575
#2	-.00002	7.0924	.04733	.01039	.08092	23.308	.41825	5.7478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02256	.00126	37.468	.04438	.57798	6.1487	.00285	.41975
Stddev	.00037	.00003	.034	.00005	.00905	.0194	.00007	.00449
%RSD	1.6487	2.4204	.09043	.11726	1.5665	.31551	2.6338	1.0695
#1	.02229	.00128	37.444	.04441	.57158	6.1624	.00290	.42292
#2	.02282	.00124	37.492	.04434	.58438	6.1349	.00279	.41657
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6282	F 39.947	.00061	.59842	.02992	.6381	.03975	3.8848
Stddev	.0020	.081	.00008	.00281	.00020	.0002	.00005	.0073
%RSD	.03054	.20296	13.457	.46962	.67175	.0313	.11823	.18722
#1	6.6268	40.005	.00067	.60041	.02977	.6380	.03972	3.8796
#2	6.6296	39.890	.00055	.59643	.03006	.6383	.03978	3.8899

Sample Name: J6157-12 Acquired: 12/5/2018 18:42:42 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMPOSITE-6- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.9134
Stddev	.1914
%RSD	3.8947

#1	4.7781
#2	5.0487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3894.5	52274.	4224.2	95.376	4017.7
Stddev	9.1	120.	5.3	1.378	14.7
%RSD	.23267	.22910	.12523	1.4452	.36708

#1	3888.1	52189.	4227.9	96.351	4007.2
#2	3900.9	52358.	4220.5	94.401	4028.1

Sample Name: J6206-13 Acquired: 12/5/2018 18:46:41 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-4A-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19221	-.00288	2.9362	-.05521	.01791	91.390	.35764
Stddev	.00096	.00038	.0140	.00441	.00102	.132	.00138
%RSD	.49950	13.305	.47587	7.9845	5.6794	.14465	.38529

#1	.19289	-.00315	2.9263	-.05210	.01719	91.296	.35861
#2	.19153	-.00261	2.9461	-.05833	.01863	91.483	.35666

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	-.00502	2.6132	.18189	.04142	.37480	471.82
Stddev	.00008	.00031	.0275	.00029	.00005	.00130	2.34
%RSD	1.8785	6.1896	1.0535	.15902	.12551	.34698	.49615

#1	.00438	-.00524	2.5937	.18169	.04146	.37388	473.47
#2	.00427	-.00480	2.6326	.18209	.04138	.37572	470.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84271	12.591	.09314	-.00915	.26602	.31390	.49285
Stddev	.00013	.108	.00020	.00031	.00191	.00176	.00025
%RSD	.01541	.85547	.21791	3.3666	.71635	.56204	.05104

#1	.84280	12.515	.09300	-.00893	.26737	.31266	.49303
#2	.84262	12.667	.09329	-.00937	.26467	.31515	.49267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3297	.00724	-.13718	7.6441	3.3263	.07757	1.7270
Stddev	.0160	.00017	.01084	.0261	.0184	.00057	.0019
%RSD	.48142	2.4066	7.9025	.34166	.55397	.74083	.11312

#1	3.3184	.00712	-.12951	7.6256	3.3394	.07716	1.7284
#2	3.3411	.00737	-.14485	7.6626	3.3133	.07797	1.7256

Sample Name: J6206-13 Acquired: 12/5/2018 18:46:41 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-4A-(Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04981	5.984	-.48161	<.00000	F<.00000
Stddev	.00285	.018	.00313	.02984	1.3456
%RSD	5.7228	.2997	.65060	11.584	.49674

#1	.05183	5.971	-.48383	-.27867	-269.94
#2	.04779	5.996	-.47940	-.23648	-271.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4132.0	55477.	4657.3	94.666	3753.1
Stddev	1.0	144.	1.8	.136	9.7
%RSD	.02421	.25937	.03895	.14409	.25804

#1	4131.3	55578.	4656.0	94.570	3760.0
#2	4132.7	55375.	4658.6	94.763	3746.3

Sample Name: CCV08 Acquired: 12/5/2018 18:50:33 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2083	4.9123	5.1315	4.9857	5.2234	10.368	10.151	.25388
Stddev	.0249	.0105	.0061	.0053	.0053	.018	.103	.00034
%RSD	.47864	.21366	.11874	.10737	.10183	.16921	1.0153	.13261
#1	5.2259	4.9197	5.1358	4.9895	5.2272	10.355	10.224	.25364
#2	5.1907	4.9049	5.1272	4.9819	5.2196	10.380	10.078	.25411
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4666	26.395	1.0250	2.5117	1.2599	4.7241	2.5551	25.277
Stddev	.0002	.108	.0043	.0027	.0037	.0557	.0002	.010
%RSD	.00718	.41061	.41756	.10879	.29101	1.1788	.00706	.03871
#1	2.4668	26.471	1.0281	2.5136	1.2625	4.7635	2.5550	25.270
#2	2.4665	26.318	1.0220	2.5097	1.2573	4.6847	2.5552	25.284
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4131	1.2158	23.837	2.3581	2.5728	25.122	5.2126	4.9161
Stddev	.0017	.0006	.179	.0032	.0614	.191	.0087	.0260
%RSD	.06950	.04759	.75191	.13580	2.3855	.75834	.16638	.52867
#1	2.4119	1.2162	23.963	2.3558	2.6162	25.257	5.2187	4.8977
#2	2.4143	1.2154	23.710	2.3604	2.5294	24.987	5.2064	4.9345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6804	5.1912	4.7124	4.9820	5.0032	4.892	5.3399	4.8170
Stddev	.0149	.0427	.0008	.0178	.0441	.014	.0567	.2288
%RSD	.31720	.82196	.01615	.35703	.88150	.2781	1.0611	4.7492
#1	4.6909	5.2214	4.7118	4.9946	5.0344	4.901	5.3800	4.9788
#2	4.6699	5.1610	4.7129	4.9694	4.9720	4.882	5.2999	4.6553

Sample Name: CCV08 Acquired: 12/5/2018 18:50:33 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7461
Stddev .2030
%RSD 7.3914

#1 2.6026
#2 2.8896

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.8	49465.	4084.1	91.508	3769.8
Stddev	14.6	264.	39.6	2.376	10.9
%RSD	.38919	.53273	.96842	2.5966	.28977

#1	3734.5	49278.	4056.1	89.828	3762.1
#2	3755.1	49651.	4112.0	93.188	3777.5

Sample Name: CCB08 Acquired: 12/5/2018 18:54:18 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	.00094	-.00046	-.00392	-.00166	.00183	.00159
Stddev	.00090	.00083	.00097	.00123	.00061	.00691	.00091
%RSD	85.644	88.504	209.99	31.354	36.860	377.66	57.086

#1	-.00170	.00035	-.00115	-.00479	-.00122	-.00306	.00095
#2	-.00042	.00153	.00022	-.00305	-.00209	.00672	.00224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00001	-.01455	.00002	-.00008	-.00070	.00217
Stddev	.00005	.00004	.00467	.00025	.00011	.00009	.00943
%RSD	933.82	372.33	32.110	1070.3	146.85	13.353	434.00

#1	-.00003	.00002	-.01125	.00020	.00000	-.00076	-.00450
#2	.00004	-.00004	-.01785	-.00016	-.00015	-.00063	.00885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.02605	.00073	.00014	-.06995	.00006	-.00088
Stddev	.00002	.00650	.00005	.00061	.00223	.00022	.00003
%RSD	230.73	24.941	7.4619	430.00	3.1816	360.28	3.4801

#1	-.00000	-.03065	.00077	.00057	-.07152	-.00009	-.00086
#2	.00002	-.02146	.00069	-.00029	-.06837	.00022	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00084	.00019	-.01575	F -.01254	.00626	-.00172	.00049
Stddev	.00519	.00014	.00740	.00024	.00084	.00084	.00054
%RSD	618.65	71.344	47.001	1.9458	13.361	48.452	110.02

#1	.00283	.00029	-.02098	-.01271	.00567	-.00113	.00011
#2	-.00451	.00009	-.01051	-.01237	.00685	-.00232	.00088

Sample Name: CCB08 Acquired: 12/5/2018 18:54:18 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	-.0017	.00010	F 3.3845	F<.00000
Stddev	.00064	.0005	.00002	.1765	.49066
%RSD	21.943	32.13	21.084	5.2140	177.60

#1	-.00247	-.0020	.00008	3.5093	.07068
#2	-.00338	-.0013	.00011	3.2597	-.62322

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3906.6	52722.	4131.1	96.713	4351.4
Stddev	3.8	69.	14.9	1.220	13.8
%RSD	.09776	.13178	.36171	1.2612	.31813

#1	3909.3	52673.	4120.5	97.575	4361.2
#2	3903.9	52771.	4141.7	95.850	4341.6

Sample Name: J6206-15 Acquired: 12/5/2018 18:58:23 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-4B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00925	-.00135	.09449	-.00965	.00040	44.090	.23626
Stddev	.00044	.00102	.00177	.00103	.00023	.009	.00163
%RSD	4.7967	75.349	1.8756	10.703	56.892	.01972	.69152

#1	.00957	-.00207	.09574	-.01038	.00024	44.084	.23741
#2	.00894	-.00063	.09323	-.00892	.00056	44.096	.23510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	-.00068	.93049	.16020	.01816	.03384	62.214
Stddev	.00007	.00009	.00795	.00072	.00004	.00020	.857
%RSD	3.2030	12.713	.85456	.44787	.24482	.58952	1.3772

#1	.00236	-.00062	.92487	.16071	.01813	.03398	61.608
#2	.00225	-.00074	.93612	.15970	.01819	.03370	62.819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27462	6.1461	.07494	-.00235	.06706	.06050	.11459
Stddev	.00052	.0080	.00021	.00061	.00260	.00049	.00149
%RSD	.18754	.13062	.28158	25.841	3.8755	.81594	1.2966

#1	.27426	6.1518	.07509	-.00277	.06522	.06085	.11354
#2	.27499	6.1405	.07480	-.00192	.06890	.06015	.11564

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5520	.00114	-.02423	1.8911	4.1003	.00044	1.1200
Stddev	.0133	.00018	.00400	.0062	.0414	.00001	.0065
%RSD	.52144	15.691	16.502	.32924	1.0105	1.7047	.57714

#1	2.5426	.00127	-.02141	1.8867	4.0710	.00044	1.1154
#2	2.5614	.00102	-.02706	1.8955	4.1296	.00043	1.1245

Sample Name: J6206-15 Acquired: 12/5/2018 18:58:23 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-4B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02077	1.576	-.05869	2.5344	F<.00000
Stddev	.00074	.003	.00091	.1231	.31988
%RSD	3.5721	.1620	1.5459	4.8560	6.9328

#1	.02025	1.578	-.05805	2.6214	-4.3878
#2	.02130	1.574	-.05933	2.4473	-4.8402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4063.7	54658.	4444.0	98.099	4149.5
Stddev	10.4	321.	38.8	.989	1.2
%RSD	.25617	.58740	.87343	1.0086	.02814

#1	4071.1	54431.	4416.6	98.799	4150.3
#2	4056.3	54885.	4471.5	97.400	4148.6

Sample Name: J6206-17 Acquired: 12/5/2018 19:02:22 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-3A-(Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00702	.00011	.09856	.00132	-.00247	19.464	.05052	.00048
Stddev	.00116	.00007	.00031	.00020	.00106	.022	.00067	.00010
%RSD	16.568	65.835	.31712	15.139	42.794	.11392	1.3179	19.730

#1	.00620	.00016	.09879	.00117	-.00321	19.480	.05005	.00055
#2	.00784	.00006	.09834	.00146	-.00172	19.449	.05099	.00042

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	.34548	.05330	.00257	.02248	14.658	.07218	1.6430
Stddev	.00002	.01959	.00035	.00000	.00011	.113	.00015	.0682
%RSD	6.7857	5.6716	.65424	.18392	.49191	.77211	.21356	4.1493

#1	.00037	.33162	.05305	.00258	.02240	14.738	.07207	1.5948
#2	.00034	.35933	.05355	.00257	.02256	14.578	.07229	1.6912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02019	-.00056	-.02504	.02667	.03819	1.0764	.00103	-.01138
Stddev	.00018	.00011	.00297	.00016	.00032	.0224	.00010	.00614
%RSD	.89969	19.226	11.855	.59928	.83814	2.0812	9.7794	53.974

#1	.02032	-.00063	-.02294	.02679	.03842	1.0923	.00111	-.00704
#2	.02006	-.00048	-.02714	.02656	.03796	1.0606	.00096	-.01572

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3982	1.2440	-.00061	.50780	.00103	.7874	-.00916	2.6754
Stddev	.0003	.0018	.00014	.00112	.00047	.0006	.00017	.2060
%RSD	.02418	.14647	23.187	.22147	45.067	.0710	1.8391	7.7014

#1	1.3985	1.2427	-.00051	.50700	.00070	.7878	-.00928	2.8210
#2	1.3980	1.2452	-.00071	.50859	.00136	.7870	-.00904	2.5297

Sample Name: J6206-17 Acquired: 12/5/2018 19:02:22 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-3A-(Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6055
 Stddev .4574
 %RSD 12.687

#1 3.9289
 #2 3.2820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4041.2	54883.	4357.7	100.33	4339.5
Stddev	3.6	88.	27.6	.89	4.0
%RSD	.09027	.16106	.63380	.88686	.09206

#1	4038.6	54821.	4377.2	99.700	4342.3
#2	4043.8	54946.	4338.2	100.96	4336.7

Sample Name: J6206-19 Acquired: 12/5/2018 19:06:23 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-3B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	-.00259	.03910	-.00525	.00126	35.798	.08408	.00159
Stddev	.00140	.00009	.00076	.00146	.00020	.114	.00307	.00003
%RSD	20.980	3.5704	1.9421	27.828	15.802	.31841	3.6500	1.6089

#1	.00769	-.00266	.03964	-.00421	.00140	35.717	.08191	.00157
#2	.00570	-.00252	.03857	-.00628	.00112	35.878	.08625	.00161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.62688	.09795	.01085	.04550	49.856	.34591	5.6951
Stddev	.00019	.03537	.00111	.00007	.00070	1.550	.00005	.1325
%RSD	42.356	5.6422	1.1353	.66326	1.5481	3.1081	.01308	2.3257

#1	-.00032	.60187	.09717	.01090	.04600	48.760	.34594	5.6015
#2	-.00060	.65189	.09874	.01080	.04500	50.951	.34587	5.7888

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04954	-.00211	.04178	.07552	.15128	3.0309	.00218	-.02908
Stddev	.00028	.00024	.01077	.00021	.00393	.1015	.00006	.01198
%RSD	.56016	11.508	25.772	.27261	2.5999	3.3485	2.9390	41.204

#1	.04934	-.00194	.03417	.07538	.14850	2.9591	.00214	-.02061
#2	.04973	-.00228	.04940	.07567	.15406	3.1027	.00223	-.03756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1030	1.1342	-.00096	1.2342	.01594	1.172	-.04772	2.8888
Stddev	.0053	.0251	.00070	.0331	.00130	.002	.00151	.1038
%RSD	.48528	2.2165	72.696	2.6790	8.1737	.1993	3.1555	3.5937

#1	1.0992	1.1164	-.00146	1.2108	.01502	1.170	-.04665	2.9622
#2	1.1068	1.1519	-.00047	1.2576	.01686	1.173	-.04878	2.8153

Sample Name: J6206-19 Acquired: 12/5/2018 19:06:23 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-3B-(Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .05341
 %RSD 60.007

#1 -.12677
 #2 -.05124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3981.8	53402.	4336.1	98.514	4178.8
Stddev	1.9	191.	74.3	2.266	1.5
%RSD	.04872	.35840	1.7139	2.3004	.03610

#1	3983.2	53266.	4388.6	100.12	4179.9
#2	3980.5	53537.	4283.5	96.911	4177.7

Sample Name: J6204-02 Acquired: 12/5/2018 19:10:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-1A-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06651	-.00378	.52229	-.01898	.00342	85.149	.37682
Stddev	.00214	.00227	.00444	.00083	.00242	.392	.00091
%RSD	3.2191	59.931	.84969	4.3761	70.817	.46080	.24197

#1	.06803	-.00218	.51915	-.01957	.00171	84.871	.37617
#2	.06500	-.00538	.52543	-.01840	.00513	85.426	.37746

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00493	-.00176	4.8165	.11435	.04866	.12261	150.22
Stddev	.00014	.00047	.0274	.00034	.00059	.00039	3.59
%RSD	2.9172	26.642	.56920	.29896	1.2210	.32159	2.3882

#1	.00483	-.00209	4.7971	.11411	.04824	.12233	152.76
#2	.00503	-.00143	4.8359	.11459	.04908	.12289	147.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1251	11.884	.08974	-.00429	.12099	.17467	.38072
Stddev	.0010	.026	.00006	.00025	.00819	.00022	.00923
%RSD	.03062	.21995	.06588	5.7492	6.7707	.12385	2.4250

#1	3.1244	11.903	.08970	-.00411	.12678	.17452	.38725
#2	3.1257	11.866	.08978	-.00446	.11520	.17482	.37420

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6977	.00379	-.04288	1.4401	2.8430	.00767	1.3282
Stddev	.0254	.00029	.00691	.0032	.0108	.00086	.0005
%RSD	.68786	7.6576	16.104	.21953	.38062	11.152	.03813

#1	3.6797	.00400	-.03800	1.4379	2.8506	.00707	1.3278
#2	3.7157	.00359	-.04776	1.4424	2.8353	.00828	1.3285

Sample Name: J6204-02 Acquired: 12/5/2018 19:10:24 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-1A-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04402	5.294	-.12836	2.1436	F<.00000
Stddev	.00112	.041	.00407	.0196	.52933
%RSD	2.5392	.7769	3.1711	.91509	1.3535

#1	.04481	5.265	-.13124	2.1575	-39.482
#2	.04323	5.323	-.12548	2.1297	-38.734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4130.8	54923.	4511.0	94.864	3954.9
Stddev	6.4	106.	11.4	2.570	7.4
%RSD	.15527	.19309	.25372	2.7087	.18602

#1	4126.3	54848.	4502.9	93.047	3960.1
#2	4135.4	54998.	4519.1	96.681	3949.7

Sample Name: J6204-04 Acquired: 12/5/2018 19:14:19 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-1B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01645	-.00291	.13016	-.01484	.00170	44.537	.19189
Stddev	.00295	.00084	.00027	.00196	.00036	.078	.00298
%RSD	17.945	28.764	.20998	13.222	20.911	.17616	1.5531

#1	.01853	-.00351	.12997	-.01345	.00145	44.481	.19400
#2	.01436	-.00232	.13036	-.01623	.00195	44.592	.18978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00316	-.00175	1.5820	.10987	.04223	.07633	105.04
Stddev	.00004	.00043	.0339	.00041	.00021	.00017	3.40
%RSD	1.4101	24.339	2.1415	.37530	.50188	.22639	3.2361

#1	.00319	-.00206	1.6060	.11016	.04208	.07621	107.44
#2	.00313	-.00145	1.5581	.10958	.04238	.07645	102.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0580	10.127	.07391	-.00384	.04909	.10528	.17834
Stddev	.0079	.032	.00086	.00053	.01015	.00068	.00556
%RSD	.38257	.31730	1.1600	13.795	20.667	.64413	3.1163

#1	2.0524	10.150	.07451	-.00346	.04192	.10576	.18227
#2	2.0636	10.105	.07330	-.00421	.05626	.10480	.17441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7626	.00248	-.05939	.42656	1.6178	.00080	1.6280
Stddev	.0466	.00002	.00624	.00199	.0315	.00010	.0115
%RSD	.97788	.64898	10.499	.46677	1.9497	12.219	.70765

#1	4.7955	.00247	-.05498	.42797	1.6401	.00087	1.6361
#2	4.7297	.00249	-.06380	.42516	1.5955	.00073	1.6198

Sample Name: J6204-04 Acquired: 12/5/2018 19:14:19 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-1B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02477	2.207	-.09817	2.5556	F<.00000
Stddev	.00040	.002	.00375	.3070	.20243
%RSD	1.5958	.0706	3.8244	12.014	1.0724

#1	.02505	2.205	-.10083	2.3385	-18.733
#2	.02449	2.208	-.09552	2.7727	-19.019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.1	53628.	4354.7	96.435	4066.8
Stddev	10.3	230.	45.8	3.051	8.3
%RSD	.25639	.42873	1.0511	3.1643	.20478

#1	4041.4	53791.	4322.4	94.277	4072.7
#2	4026.8	53466.	4387.1	98.592	4061.0

Sample Name: J6204-06 Acquired: 12/5/2018 19:18:17 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-2A-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09130	-.00361	.37057	-.01496	.00258	89.951	.37060
Stddev	.00046	.00201	.00067	.00305	.00020	.417	.00361
%RSD	.50227	55.645	.18194	20.378	7.7442	.46360	.97446

#1	.09098	-.00219	.37009	-.01281	.00244	90.246	.37316
#2	.09163	-.00503	.37104	-.01712	.00272	89.657	.36805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00562	-.00193	1.7138	.12914	.04700	.13714	148.91
Stddev	.00007	.00039	.0308	.00096	.00017	.00066	3.01
%RSD	1.2436	20.061	1.7998	.74138	.35527	.47973	2.0182

#1	.00557	-.00220	1.7356	.12982	.04688	.13667	151.04
#2	.00567	-.00166	1.6920	.12846	.04712	.13760	146.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1799	11.051	.10217	-.00297	.07497	.16084	.33084
Stddev	.0132	.122	.00073	.00007	.00920	.00027	.00536
%RSD	.41571	1.0996	.71231	2.1878	12.271	.16812	1.6198

#1	3.1706	10.965	.10268	-.00302	.08147	.16103	.33463
#2	3.1893	11.137	.10165	-.00293	.06846	.16065	.32706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8166	.00311	-.04309	1.3332	1.8093	.00843	.99800
Stddev	.0024	.00021	.00185	.0094	.0023	.00138	.00176
%RSD	.08518	6.7495	4.2874	.70288	.12507	16.432	.17656

#1	2.8183	.00326	-.04178	1.3399	1.8077	.00941	.99924
#2	2.8149	.00296	-.04440	1.3266	1.8109	.00745	.99675

Sample Name: J6204-06 Acquired: 12/5/2018 19:18:17 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-2A-(Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04317	6.053	-.14051	.85774	F<.00000
Stddev	.00074	.007	.00316	.04388	.49938
%RSD	1.7111	.1084	2.2515	5.1152	1.2678

#1	.04369	6.057	-.14275	.88877	-39.743
#2	.04264	6.048	-.13828	.82672	-39.037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4338.6	57912.	4719.9	94.567	3960.9
Stddev	7.4	121.	25.3	1.765	.1
%RSD	.17044	.20978	.53639	1.8658	.00278

#1	4333.4	57826.	4702.0	93.320	3960.9
#2	4343.9	57998.	4737.8	95.815	3960.8

Sample Name: J6204-08 Acquired: 12/5/2018 19:22:20 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-2B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00503	-.00340	.01986	-.01758	.00326	41.973	.19794
Stddev	.00158	.00034	.00045	.00135	.00168	.067	.00373
%RSD	31.482	9.9512	2.2711	7.6571	51.516	.15918	1.8828

#1	.00391	-.00316	.01954	-.01663	.00444	41.926	.20058
#2	.00615	-.00364	.02018	-.01854	.00207	42.021	.19531

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00320	-.00252	3.3387	.07801	.04692	.08609	134.64
Stddev	.00012	.00010	.0274	.00066	.00012	.00133	1.74
%RSD	3.7327	3.9400	.81994	.84889	.26184	1.5471	1.2937

#1	.00328	-.00259	3.3581	.07847	.04684	.08515	135.87
#2	.00311	-.00245	3.3194	.07754	.04701	.08703	133.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3019	12.377	.08526	-.00428	.06363	.10255	.16152
Stddev	.0031	.051	.00073	.00048	.00272	.00006	.00253
%RSD	.13645	.40842	.85186	11.195	4.2694	.05872	1.5653

#1	2.3041	12.413	.08577	-.00394	.06555	.10259	.16331
#2	2.2997	12.341	.08475	-.00461	.06171	.10250	.15973

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6821	.00191	-.04937	.27712	1.3887	.00066	2.4262
Stddev	.0882	.00005	.00220	.00129	.0364	.00078	.0256
%RSD	1.1487	2.6963	4.4650	.46521	2.6208	119.48	1.0555

#1	7.7445	.00195	-.05093	.27803	1.4144	.00121	2.4443
#2	7.6197	.00188	-.04781	.27621	1.3630	.00010	2.4081

Sample Name: J6204-08 Acquired: 12/5/2018 19:22:20 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-2B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03066	3.302	-.13603	2.1997	F<.00000
Stddev	.00107	.000	.00173	.1880	.34430
%RSD	3.4733	.0126	1.2744	8.5459	1.1576

#1	.02991	3.302	-.13725	2.3326	-29.499
#2	.03142	3.303	-.13480	2.0667	-29.986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4076.7	54357.	4414.3	95.763	4006.9
Stddev	6.7	194.	73.6	1.367	5.9
%RSD	.16510	.35778	1.6662	1.4276	.14701

#1	4072.0	54219.	4362.3	94.796	4002.7
#2	4081.5	54494.	4466.3	96.729	4011.1

Sample Name: J6204-11 Acquired: 12/5/2018 19:26:18 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-7A-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04063	-.00266	1.0042	-.01109	.00352	53.783	.27890
Stddev	.00375	.00121	.0038	.00044	.00152	.014	.00242
%RSD	9.2326	45.687	.38274	4.0018	43.297	.02630	.86718

#1	.03797	-.00180	1.0070	-.01141	.00244	53.773	.27719
#2	.04328	-.00352	1.0015	-.01078	.00460	53.793	.28061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00130	2.4590	.09056	.02390	.12082	90.436
Stddev	.00000	.00000	.0090	.00037	.00016	.00031	1.239
%RSD	.17031	.19515	.36442	.41280	.67841	.25696	1.3697

#1	.00202	-.00130	2.4526	.09030	.02378	.12104	89.560
#2	.00202	-.00130	2.4653	.09082	.02401	.12060	91.312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6459	8.0967	.04553	-.00226	.03314	.12551	.24447
Stddev	.0034	.0856	.00052	.00042	.00520	.00038	.00212
%RSD	.20710	1.0567	1.1313	18.646	15.680	.30366	.86866

#1	1.6435	8.0362	.04589	-.00255	.02946	.12524	.24297
#2	1.6483	8.1572	.04517	-.00196	.03681	.12578	.24598

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4631	.00250	-.04385	1.7226	1.2366	.03285	1.1302
Stddev	.0250	.00043	.01315	.0066	.0425	.00114	.0060
%RSD	.72203	17.111	29.983	.38055	3.4333	3.4696	.52695

#1	3.4807	.00220	-.03455	1.7179	1.2066	.03204	1.1259
#2	3.4454	.00280	-.05315	1.7272	1.2667	.03365	1.1344

Sample Name: J6204-11 Acquired: 12/5/2018 19:26:18 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-7A-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03073	3.659	-.07446	2.4901	F<.00000
Stddev	.00052	.005	.00115	.0331	.40927
%RSD	1.6926	.1326	1.5437	1.3277	3.1623

#1	.03110	3.656	-.07365	2.5135	-12.653
#2	.03036	3.663	-.07528	2.4667	-13.231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4053.1	54328.	4374.3	97.556	4106.3
Stddev	3.7	186.	25.0	1.115	.1
%RSD	.09205	.34269	.57084	1.1431	.00349

#1	4055.8	54196.	4391.9	98.344	4106.4
#2	4050.5	54460.	4356.6	96.767	4106.2

Sample Name: J6204-13 Acquired: 12/5/2018 19:30:14 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-7B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02668	-.00426	.46388	-.01985	.00331	93.600	.77198
Stddev	.00075	.00017	.00822	.00000	.00215	.782	.00443
%RSD	2.8003	4.0011	1.7723	.02090	64.831	.83558	.57322

#1	.02721	-.00438	.45806	-.01985	.00179	93.047	.77511
#2	.02616	-.00414	.46969	-.01985	.00483	94.153	.76885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00462	-.00224	3.7293	.11436	.06185	.09956	143.11
Stddev	.00001	.00023	.0468	.00145	.00093	.00147	.72
%RSD	.28629	10.057	1.2547	1.2694	1.5075	1.4746	.50599

#1	.00462	-.00240	3.6962	.11333	.06119	.09852	143.62
#2	.00461	-.00208	3.7624	.11538	.06251	.10060	142.60

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2151	13.467	.09021	-.00465	.19694	.15955	.40112
Stddev	.0235	.043	.00094	.00047	.01633	.00236	.00148
%RSD	.72990	.31806	1.0368	10.192	8.2901	1.4787	.37007

#1	3.1986	13.436	.08955	-.00431	.18539	.15788	.40217
#2	3.2317	13.497	.09088	-.00498	.20848	.16122	.40007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2688	.00232	-.04701	.61521	1.9056	.02907	1.7018
Stddev	.0368	.00021	.00860	.00379	.0100	.00041	.0035
%RSD	1.1251	9.0658	18.295	.61606	.52543	1.4250	.20584

#1	3.2948	.00217	-.04093	.61253	1.8985	.02936	1.7043
#2	3.2428	.00247	-.05309	.61789	1.9126	.02877	1.6993

Sample Name: J6204-13 Acquired: 12/5/2018 19:30:14 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-7B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05220	3.660	-.10539	2.0751	F<.00000
Stddev	.00232	.029	.00083	.0187	1.6613
%RSD	4.4351	.8059	.78484	.90056	4.5943

#1	.05384	3.639	-.10597	2.0883	-34.986
#2	.05057	3.680	-.10480	2.0619	-37.336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4130.0	54054.	4481.6	95.684	3987.8
Stddev	14.4	268.	22.0	.636	18.4
%RSD	.34801	.49531	.49124	.66421	.46153

#1	4140.1	54243.	4466.0	95.235	4000.8
#2	4119.8	53864.	4497.1	96.133	3974.8

Sample Name: J6204-15 Acquired: 12/5/2018 19:34:16 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-8A-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07066	-.00109	.60246	-.01737	.00384	35.220	.10579
Stddev	.00121	.00032	.00075	.00140	.00036	.204	.00102
%RSD	1.7076	29.507	.12478	8.0642	9.2913	.57990	.96598

#1	.06980	-.00087	.60300	-.01836	.00359	35.364	.10506
#2	.07151	-.00132	.60193	-.01638	.00410	35.075	.10651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00115	-.00270	.91451	.08839	.01854	.10252	138.82
Stddev	.00003	.00035	.02385	.00029	.00012	.00070	2.31
%RSD	2.8910	13.037	2.6080	.33288	.65056	.67954	1.6640

#1	.00112	-.00245	.89765	.08818	.01862	.10301	137.19
#2	.00117	-.00295	.93138	.08860	.01845	.10203	140.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69688	4.6811	.02993	-.00419	-.01634	.12804	.11592
Stddev	.00028	.0437	.00019	.00044	.00895	.00007	.00266
%RSD	.04024	.93334	.63266	10.418	54.746	.05568	2.2979

#1	.69708	4.6502	.03007	-.00450	-.02267	.12809	.11404
#2	.69669	4.7120	.02980	-.00388	-.01002	.12799	.11780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5990	.00296	-.05358	2.6638	1.4360	.00757	.88965
Stddev	.0111	.00004	.00332	.0078	.0122	.00005	.00156
%RSD	.42566	1.1939	6.1938	.29442	.84654	.68735	.17512

#1	2.6069	.00298	-.05593	2.6582	1.4274	.00754	.89076
#2	2.5912	.00293	-.05124	2.6693	1.4446	.00761	.88855

Sample Name: J6204-15 Acquired: 12/5/2018 19:34:16 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-8A-(Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01526	2.711	-.14087	2.2236	F<.00000
Stddev	.00067	.000	.00252	.0074	.33768
%RSD	4.3989	.0017	1.7894	.33358	1.0036

#1	.01479	2.711	-.13909	2.2184	-33.885
#2	.01574	2.711	-.14266	2.2289	-33.407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.8	53956.	4366.4	96.033	4112.1
Stddev	16.4	145.	30.2	1.740	16.2
%RSD	.40631	.26868	.69228	1.8122	.39509

#1	4020.2	53854.	4387.7	97.264	4100.6
#2	4043.3	54059.	4345.0	94.803	4123.6

Sample Name: CCV09 Acquired: 12/5/2018 19:38:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1786	4.8994	5.0944	4.9895	5.1870	10.138	10.149	.25298
Stddev	.0190	.0242	.0297	.0109	.0137	.017	.045	.00173
%RSD	.36762	.49469	.58322	.21900	.26364	.16578	.44740	.68228
#1	5.1652	4.8823	5.0734	4.9818	5.1774	10.150	10.181	.25420
#2	5.1921	4.9166	5.1154	4.9972	5.1967	10.126	10.117	.25176
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4569	25.933	1.0116	2.4940	1.2544	4.6951	2.5375	25.109
Stddev	.0134	.266	.0038	.0152	.0010	.0214	.0192	.080
%RSD	.54704	1.0238	.37852	.61064	.08365	.45505	.75559	.31708
#1	2.4474	25.745	1.0143	2.4832	1.2536	4.7102	2.5510	25.165
#2	2.4664	26.121	1.0089	2.5048	1.2551	4.6800	2.5239	25.052
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4119	1.2143	23.898	2.3609	2.5436	24.951	5.1757	4.8564
Stddev	.0150	.0081	.118	.0150	.0250	.090	.0178	.0136
%RSD	.62184	.66888	.49228	.63491	.98348	.36220	.34398	.27960
#1	2.4013	1.2201	23.982	2.3715	2.5613	25.015	5.1631	4.8468
#2	2.4225	1.2086	23.815	2.3503	2.5259	24.887	5.1883	4.8660
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6562	5.1288	4.7082	4.9688	4.9909	4.872	5.2704	4.5383
Stddev	.0225	.0237	.0332	.0145	.0076	.016	.0016	.1463
%RSD	.48342	.46197	.70591	.29211	.15241	.3260	.03108	3.2245
#1	4.6403	5.1120	4.6847	4.9791	4.9963	4.861	5.2693	4.6418
#2	4.6721	5.1455	4.7317	4.9586	4.9855	4.883	5.2716	4.4349

Sample Name: CCV09 Acquired: 12/5/2018 19:38:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8956
Stddev .0959
%RSD 3.3111

#1 2.9634
#2 2.8278

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3729.7	49339.	4053.9	91.120	3751.7
Stddev	10.9	473.	12.5	.947	16.1
%RSD	.29351	.95942	.30859	1.0391	.42941

#1	3737.4	49004.	4045.0	90.451	3763.1
#2	3722.0	49674.	4062.7	91.790	3740.3

Sample Name: CCB09 Acquired: 12/5/2018 19:41:59 Type: Unk
Method: P4-ICP2(v2631) 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	-.00120	.00068	.00019	.00100	-.00128	.00482	.00126
Stddev	.00111	.00036	.00075	.00310	.00012	.00110	.00116
%RSD	91.961	53.150	401.22	311.05	9.5254	22.802	91.847

#1	-.00199	.00094	.00072	.00318	-.00120	.00404	.00044
#2	-.00042	.00042	-.00034	-.00119	-.00137	.00560	.00207

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00001	-.00891	.00018	.00009	-.00077	.00819
Stddev	.00003	.00004	.01053	.00048	.00018	.00001	.00595
%RSD	36.548	256.79	118.21	269.40	197.46	1.2383	72.714

#1	.00007	-.00001	-.00146	.00051	-.00004	-.00076	.01240
#2	.00011	.00004	-.01635	-.00016	.00022	-.00077	.00398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00682	.00044	.00009	-.09962	.00026	-.00091
Stddev	.00002	.00425	.00033	.00014	.00037	.00023	.00003
%RSD	140.97	62.289	74.729	167.58	.36983	86.496	2.7636

#1	-.00003	.00983	.00021	-.00002	-.09988	.00042	-.00093
#2	-.00000	.00382	.00068	.00019	-.09936	.00010	-.00090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03481	.00024	-.00527	F -.01265	.00744	-.00174	.00029
Stddev	.02210	.00021	.01140	.00065	.00210	.00034	.00106
%RSD	63.477	89.001	216.25	5.1272	28.218	19.610	371.93

#1	.01919	.00039	-.01333	-.01310	.00596	-.00199	.00104
#2	.05044	.00009	.00279	-.01219	.00893	-.00150	-.00047

Sample Name: CCB09 Acquired: 12/5/2018 19:41:59 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00224	-0.0021	-0.00004	F 2.9305	F .20614
Stddev	.00044	.0009	.00002	.0590	.08041
%RSD	19.503	43.27	38.097	2.0122	39.009

#1	-0.00255	-0.0014	-0.00005	2.9722	.14928
#2	-0.00193	-0.0027	-0.00003	2.8888	.26300

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.3	53086.	4105.3	96.583	4347.9
Stddev	1.0	625.	.5	.695	.3
%RSD	.02477	1.1771	.01276	.71992	.00805

#1	3913.0	52644.	4105.7	97.075	4348.1
#2	3911.6	53528.	4105.0	96.092	4347.6

Sample Name: J6204-17 Acquired: 12/5/2018 19:46:04 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HLSP-SB-8B-(Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01161	-.00113	.10342	-.00941	-.00112	30.847	.10861
Stddev	.00132	.00018	.00115	.00141	.00106	.269	.00001
%RSD	11.341	15.584	1.1088	14.961	94.735	.87292	.00482

#1	.01254	-.00125	.10423	-.00842	-.00186	30.657	.10860
#2	.01068	-.00100	.10261	-.01041	-.00037	31.037	.10861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	-.00167	.34313	.10046	.02520	.03545	81.318
Stddev	.00012	.00027	.01395	.00006	.00005	.00034	1.150
%RSD	6.8584	15.901	4.0659	.05681	.20594	.95968	1.4143

#1	.00163	-.00148	.35299	.10042	.02516	.03569	80.505
#2	.00180	-.00186	.33326	.10050	.02524	.03521	82.132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5322	5.3772	.04614	-.00163	-.03187	.05697	.10518
Stddev	.0050	.0451	.00028	.00009	.00335	.00072	.00071
%RSD	.19869	.83783	.60095	5.7080	10.498	1.2596	.67071

#1	2.5357	5.3453	.04633	-.00170	-.03424	.05748	.10468
#2	2.5286	5.4090	.04594	-.00156	-.02951	.05647	.10567

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2847	.00144	-.03524	.82359	1.1587	.00320	.95418
Stddev	.0376	.00017	.01009	.00407	.0219	.00031	.00340
%RSD	1.6472	12.126	28.622	.49384	1.8927	9.6755	.35663

#1	2.3113	.00156	-.04237	.82647	1.1742	.00298	.95177
#2	2.2581	.00131	-.02811	.82072	1.1432	.00342	.95658

Sample Name: J6204-17 Acquired: 12/5/2018 19:46:04 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HLSP-SB-8B-(Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01137	1.272	-.08209	1.8632	F<.00000
Stddev	.00100	.003	.00142	.0944	.24556
%RSD	8.7818	.2246	1.7261	5.0686	2.6138

#1	.01208	1.274	-.08109	1.7965	-9.5684
#2	.01067	1.270	-.08309	1.9300	-9.2211

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4209.0	56309.	4525.4	97.657	4199.0
Stddev	18.3	192.	13.2	.779	11.3
%RSD	.43584	.34093	.29200	.79796	.26851

#1	4196.0	56445.	4516.0	98.208	4191.1
#2	4221.9	56174.	4534.7	97.106	4207.0

Sample Name: PB115328BL Acquired: 12/5/2018 19:50:04 Type: Unk
Method: P4-ICP2(v2631) 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	-.00126	.00069	-.00099	-.00059	-.00144	.00097	.00098
Stddev	.00354	.00060	.00064	.00101	.00132	.00506	.00008
%RSD	280.27	87.502	64.437	172.47	91.694	522.26	8.6060

#1	.00124	.00026	-.00144	-.00130	-.00051	-.00261	.00092
#2	-.00377	.00111	-.00054	.00013	-.00237	.00455	.00103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	-.01604	.00007	-.00003	-.00010	.01390
Stddev	.00010	.00015	.00821	.00029	.00024	.00029	.01034
%RSD	333.88	270.17	51.170	445.72	932.18	286.03	74.425

#1	.00010	.00016	-.01024	-.00014	-.00019	-.00031	.02121
#2	-.00004	-.00005	-.02185	.00027	.00014	.00010	.00658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.02171	.00057	-.00052	-.09399	.00014	-.00094
Stddev	.00004	.01234	.00026	.00018	.01808	.00055	.00004
%RSD	399.31	56.847	45.819	34.327	19.239	404.44	4.1713

#1	.00003	-.03044	.00038	-.00039	-.10678	.00053	-.00096
#2	-.00002	-.01298	.00075	-.00065	-.08120	-.00025	-.00091

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00966	-.00004	-.01584	F -.01108	.00145	-.00238	.00285
Stddev	.01715	.00000	.00322	.00129	.00071	.00057	.00005
%RSD	177.65	3.0747	20.309	11.638	49.113	23.914	1.8281

#1	.02179	-.00003	-.01812	-.01200	.00195	-.00198	.00282
#2	-.00247	-.00004	-.01357	-.01017	.00095	-.00278	.00289

Sample Name: PB115328BL Acquired: 12/5/2018 19:50:04 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00392	-0.0013	-0.00006	F 3.1968	F .08889
Stddev	.00010	.0004	.00008	.0942	.58730
%RSD	2.6583	33.69	150.77	2.9478	660.67

#1	-0.00400	-0.0016	.00000	3.1301	-.32639
#2	-0.00385	-0.0010	-.00011	3.2634	.50418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.6	52657.	4127.0	98.000	4373.0
Stddev	8.2	145.	13.2	2.357	5.4
%RSD	.20735	.27507	.31908	2.4051	.12352

#1	3934.8	52759.	4136.3	99.667	4369.2
#2	3946.3	52554.	4117.7	96.333	4376.8

Sample Name: PB115328BS Acquired: 12/5/2018 19:54:09 Type: Unk
Method: P4-ICP2(v2631) 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	.76217	1.8550	.94781	1.8115	.80067	1.9395	.20918
Stddev	.00806	.0108	.00354	.0198	.00684	.0128	.00088
%RSD	1.0573	.58052	.37398	1.0913	.85481	.65889	.42063

#1	.76787	1.8626	.95031	1.8255	.80551	1.9305	.20981
#2	.75647	1.8474	.94530	1.7975	.79583	1.9486	.20856

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18484	.17891	1.0814	.41028	.19312	.30753	2.7962
Stddev	.00113	.00086	.0036	.00078	.00017	.00180	.0233
%RSD	.61324	.48250	.33597	.18976	.08769	.58498	.83204

#1	.18404	.17952	1.0788	.41083	.19324	.30880	2.7797
#2	.18564	.17830	1.0839	.40973	.19300	.30626	2.8126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20793	1.9906	.46482	.06608	2.8565	.28374	.19744
Stddev	.00002	.0064	.00146	.00007	.0016	.00041	.00106
%RSD	.00810	.32013	.31507	.09873	.05554	.14403	.53518

#1	.20794	1.9861	.46585	.06603	2.8554	.28403	.19818
#2	.20791	1.9951	.46378	.06613	2.8577	.28345	.19669

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.043	.42935	.27188	F .70970	.97693	.63040	.20492
Stddev	.095	.00215	.01525	.00636	.00238	.00183	.00028
%RSD	.94215	.50038	5.6097	.89684	.24382	.28952	.13444

#1	10.109	.43087	.26109	.71420	.97862	.63169	.20473
#2	9.9757	.42784	.28266	.70520	.97525	.62910	.20512

Sample Name: PB115328BS Acquired: 12/5/2018 19:54:09 Type: Unk
 Method: P4-ICP2(v2631) 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	.20064	4.995	.21308	F 3.2315	F<.00000
Stddev	.00001	.022	.00009	.0020	.48304
%RSD	.00513	.4425	.04384	.06292	17.821

#1	.20065	5.011	.21301	3.2300	-2.3690
#2	.20063	4.979	.21315	3.2329	-3.0521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3863.1	52680.	4103.1	96.908	4201.2
Stddev	30.8	197.	17.5	.436	20.8
%RSD	.79627	.37316	.42763	.44996	.49398

#1	3841.4	52541.	4090.7	96.600	4186.5
#2	3884.9	52819.	4115.5	97.217	4215.8

Sample Name: PB115328TB Acquired: 12/5/2018 19:58:00 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14268 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	.00198	.00142	.00391	.00060	.00558	.00079	.00043
Stddev	.00104	.00067	.00078	.00243	.00008	.00438	.00070	.00005
%RSD	169.28	34.013	54.994	62.102	12.692	78.556	88.305	12.619

#1	-.00135	.00151	.00197	.00219	.00055	.00248	.00030	.00039
#2	.00012	.00246	.00087	.00563	.00065	.00868	.00128	.00046

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.03052	.00174	.00017	.00020	.00357	.00074	.04797
Stddev	.00005	.00107	.00024	.00006	.00014	.00991	.00000	.00643
%RSD	12.373	3.5091	13.656	35.140	73.005	277.12	.41971	13.405

#1	.00038	.02977	.00157	.00021	.00030	.01058	.00075	.05252
#2	.00045	.03128	.00191	.00013	.00010	-.00343	.00074	.04342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00411	.00211	F 290.33	.00067	.00596	.12161	.00154	-.00636
Stddev	.00021	.00042	2.47	.00006	.00005	.04515	.00006	.00284
%RSD	5.0623	19.739	.85124	8.6392	.76022	37.129	4.1960	44.648

#1	.00396	.00181	292.08	.00072	.00593	.08968	.00149	-.00837
#2	.00426	.00240	288.59	.00063	.00599	.15353	.00158	-.00435

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	.01262	-.00042	.00151	-.00346	.0098	.00060	F 4.5496
Stddev	.00032	.00288	.00079	.00010	.00116	.0007	.00010	.4704
%RSD	53.929	22.835	185.33	6.3296	33.627	7.094	16.501	10.340

#1	.00037	.01058	-.00098	.00144	-.00428	.0093	.00067	4.8822
#2	.00083	.01466	.00013	.00158	-.00264	.0103	.00053	4.2169

Sample Name: PB115328TB Acquired: 12/5/2018 19:58:00 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14268 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9195
Stddev .1741
%RSD 9.0721

#1 1.7964
#2 2.0427

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3669.3	48654.	4017.7	92.288	3764.6
Stddev	5.4	1300.	4.7	.006	12.5
%RSD	.14587	2.6709	.11752	.00638	.33211

#1	3665.6	47736.	4014.3	92.283	3755.7
#2	3673.1	49573.	4021.0	92.292	3773.4

Sample Name: J6168-04 Acquired: 12/5/2018 20:02:12 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.00314	.00781	.00327	-.00412	-.03729	.26012	-.00001
Stddev	.00017	.00001	.00059	.00061	.00164	.01136	.00032	.00005
%RSD	4.2936	.27228	7.4874	18.651	39.708	30.455	.12402	488.70

#1	-.00387	-.00313	.00740	.00370	-.00528	-.02926	.25989	-.00004
#2	-.00411	-.00314	.00823	.00284	-.00297	-.04532	.26035	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	106.88	.00044	-.00024	.00153	-.01244	.17913	4.0795
Stddev	.00002	.30	.00063	.00007	.00031	.00634	.00316	.1127
%RSD	6.3776	.28103	141.23	30.245	20.451	51.006	1.7631	2.7617

#1	.00024	106.67	.00088	-.00019	.00175	-.00795	.18136	3.9998
#2	.00027	107.10	.00000	-.00030	.00130	-.01692	.17689	4.1592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00015	293.55	.00124	.08477	.63787	.00049	.03293
Stddev	.00016	.00011	1.86	.00019	.00166	.00120	.00003	.00302
%RSD	44.791	75.136	.63370	15.041	1.9527	.18772	6.1896	9.1790

#1	-.00024	.00007	294.86	.00137	.08594	.63702	.00046	.03079
#2	-.00046	.00023	292.23	.00111	.08360	.63872	.00051	.03507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61851	.57005	-.00192	-.00063	.00426	.0682	.30323	5.1639
Stddev	.00361	.00560	.00023	.00186	.00147	.0009	.00017	.5898
%RSD	.58346	.98265	12.106	295.69	34.496	1.307	.05702	11.422

#1	.61596	.57401	-.00176	-.00195	.00322	.0676	.30336	5.5809
#2	.62106	.56608	-.00209	.00069	.00530	.0689	.30311	4.7468

Sample Name: J6168-04 Acquired: 12/5/2018 20:02:12 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3238
 Stddev .3067
 %RSD 9.2285

#1 3.1069
 #2 3.5407

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.8	46595.	4031.5	93.683	3625.6
Stddev	6.8	1226.	26.2	1.799	12.6
%RSD	.18877	2.6317	.64932	1.9201	.34671

#1	3579.0	45728.	4013.0	92.412	3634.5
#2	3588.5	47462.	4050.0	94.955	3616.7

Sample Name: J6168-09 Acquired: 12/5/2018 20:06:20 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00267	.00398	.00409	-.00400	.05462	.28013	-.00002
Stddev	.00317	.00063	.00151	.00183	.00066	.00151	.00051	.00001
%RSD	2133.6	23.455	37.982	44.681	16.483	2.7720	.18318	86.064

#1	-.00239	-.00222	.00505	.00280	-.00353	.05569	.28050	-.00001
#2	.00209	-.00311	.00291	.00538	-.00446	.05355	.27977	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	36.877	.00080	-.00034	.00134	.02713	.07626	2.8328
Stddev	.00013	.218	.00013	.00012	.00028	.00941	.00226	.0104
%RSD	35.858	.59128	16.216	34.113	21.156	34.699	2.9578	.36781

#1	.00027	36.723	.00071	-.00043	.00114	.02047	.07785	2.8254
#2	.00046	37.032	.00089	-.00026	.00154	.03379	.07466	2.8402

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.00009	278.88	.00110	.10932	.65007	.00027	.03577
Stddev	.00000	.00089	5.49	.00017	.00341	.00327	.00016	.00460
%RSD	1.7149	971.99	1.9701	15.477	3.1158	.50365	60.467	12.864

#1	-.00017	.00072	274.99	.00123	.10691	.65238	.00015	.03903
#2	-.00017	-.00054	282.76	.00098	.11173	.64775	.00038	.03252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33396	.78759	-.00153	.00270	.00300	.0978	.16002	5.0746
Stddev	.00069	.00268	.00077	.00165	.00088	.0005	.00013	.4009
%RSD	.20546	.33996	50.171	61.121	29.451	.4742	.07906	7.9009

#1	.33347	.78570	-.00208	.00387	.00362	.0982	.15993	5.3581
#2	.33444	.78948	-.00099	.00153	.00237	.0975	.16011	4.7911

Sample Name: J6168-09 Acquired: 12/5/2018 20:06:20 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7677
Stddev .3320
%RSD 18.780

#1 1.5329
#2 2.0024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.5	46998.	4069.8	92.696	3700.5
Stddev	3.8	1219.	13.6	2.622	9.2
%RSD	.10456	2.5946	.33485	2.8288	.24957

#1	3654.2	46136.	4079.5	94.550	3707.0
#2	3648.8	47861.	4060.2	90.842	3693.9

Sample Name: J6168-15 Acquired: 12/5/2018 20:10:29 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	-.00212	.01009	.00076	-.00172	-.02355	.40365	-.00008
Stddev	.00174	.00142	.00085	.00249	.00169	.00188	.00139	.00001
%RSD	159.48	66.927	8.4183	330.38	98.603	7.9838	.34473	16.732

#1	.00014	-.00111	.01069	-.00101	-.00291	-.02488	.40463	-.00009
#2	-.00233	-.00312	.00949	.00252	-.00052	-.02222	.40266	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	100.13	.00017	-.00017	-.00015	-.02087	.35069	2.9829
Stddev	.00005	.44	.00020	.00004	.00015	.00281	.00565	.0593
%RSD	11.062	.44326	115.41	24.222	99.421	13.445	1.6115	1.9875

#1	.00044	99.817	.00032	-.00014	-.00005	-.02285	.35468	3.0248
#2	.00051	100.45	.00003	-.00020	-.00026	-.01888	.34669	2.9410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	.00015	269.96	.00071	.08422	.60202	.00036	.02789
Stddev	.00004	.00107	.04	.00010	.00252	.05471	.00008	.01813
%RSD	11.626	728.63	.01454	13.807	2.9937	9.0878	22.839	65.030

#1	-.00028	.00091	269.99	.00064	.08600	.56334	.00042	.01506
#2	-.00033	-.00061	269.94	.00078	.08243	.64071	.00030	.04071

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33238	.43720	-.00163	-.00084	.00417	.0159	.26874	4.9410
Stddev	.00569	.00168	.00046	.00169	.00006	.0006	.00119	.2696
%RSD	1.7131	.38363	28.076	200.86	1.3494	3.857	.44308	5.4567

#1	.32835	.43602	-.00131	.00035	.00413	.0164	.26790	5.1316
#2	.33641	.43839	-.00196	-.00203	.00421	.0155	.26958	4.7503

Sample Name: J6168-15 Acquired: 12/5/2018 20:10:29 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3626
 Stddev .7909
 %RSD 23.521

#1 2.8034
 #2 3.9219

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.1	47190.	4028.9	91.584	3656.5
Stddev	9.8	700.	9.3	3.202	12.4
%RSD	.27129	1.4826	.23057	3.4958	.33825

#1	3604.2	46695.	4022.3	89.320	3647.7
#2	3618.0	47685.	4035.5	93.848	3665.2

Sample Name: J6168-20 Acquired: 12/5/2018 20:14:37 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00264	-.00295	.00048	.00100	-.00272	-.00951	.33472	-.00003
Stddev	.00185	.00043	.00214	.00043	.00025	.02197	.00106	.00003
%RSD	70.223	14.508	445.75	42.975	9.0161	230.93	.31557	86.506

#1	-.00133	-.00325	.00199	.00130	-.00290	.00602	.33397	-.00001
#2	-.00395	-.00265	-.00103	.00070	-.00255	-.02505	.33547	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	61.863	.00037	.00054	-.00096	-.00718	.31174	4.1007
Stddev	.00012	.744	.00016	.00013	.00042	.00497	.00236	.0546
%RSD	191.40	1.2020	44.244	24.241	44.184	69.309	.75696	1.3319

#1	.00015	61.338	.00025	.00045	-.00066	-.01069	.31007	4.0621
#2	-.00002	62.389	.00049	.00064	-.00126	-.00366	.31340	4.1393

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00024	265.96	.00058	.07821	.56922	.00016	.01827
Stddev	.00040	.00007	.93	.00030	.00130	.02757	.00005	.00409
%RSD	27054.	28.756	.34868	50.907	1.6560	4.8427	27.935	22.366

#1	-.00028	-.00019	266.62	.00079	.07913	.58871	.00013	.01538
#2	.00029	-.00028	265.31	.00037	.07729	.54973	.00020	.02116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26706	.49162	-.00196	.00201	.00497	.0035	.15816	4.8191
Stddev	.00300	.00224	.00009	.00051	.00321	.0018	.00080	.2181
%RSD	1.1236	.45476	4.6226	25.500	64.510	51.96	.50888	4.5249

#1	.26494	.49320	-.00190	.00237	.00270	.0048	.15759	4.6649
#2	.26919	.49004	-.00202	.00165	.00724	.0022	.15872	4.9732

Sample Name: J6168-20 Acquired: 12/5/2018 20:14:37 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6257
 Stddev .3940
 %RSD 15.006

#1 2.9043
 #2 2.3471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3652.7	47848.	4019.1	93.997	3700.0
Stddev	1.4	283.	9.2	1.404	16.7
%RSD	.03750	.59074	.22786	1.4937	.45267

#1	3651.7	48048.	4025.5	93.004	3711.9
#2	3653.7	47649.	4012.6	94.989	3688.2

Sample Name: J6168-24 Acquired: 12/5/2018 20:18:46 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00318	-.00203	.00201	.00264	-.00284	-.01187	.22737	.00005
Stddev	.00074	.00044	.00006	.00238	.00183	.01353	.00067	.00004
%RSD	23.165	21.898	3.0152	90.191	64.402	114.05	.29369	81.742

#1	-.00266	-.00234	.00205	.00433	-.00155	-.00230	.22690	.00007
#2	-.00370	-.00171	.00196	.00096	-.00414	-.02144	.22784	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	68.835	.00044	-.00024	-.00024	-.01686	.16449	3.2091
Stddev	.00011	.255	.00050	.00009	.00020	.00238	.00211	.0376
%RSD	43.307	.37067	112.82	36.179	85.122	14.119	1.2799	1.1701

#1	.00017	68.655	.00009	-.00030	-.00038	-.01854	.16597	3.2357
#2	.00033	69.016	.00080	-.00018	-.00009	-.01518	.16300	3.1826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	-.00012	240.33	.00075	.05643	.51909	.00037	.01324
Stddev	.00035	.00089	2.86	.00030	.00059	.00539	.00033	.01243
%RSD	84.569	715.25	1.1904	40.129	1.0458	1.0392	89.169	93.833

#1	-.00067	.00050	242.35	.00054	.05601	.52291	.00061	.00446
#2	-.00017	-.00075	238.31	.00096	.05685	.51528	.00014	.02203

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24415	.44778	-.00169	.00028	.00195	.0290	.18752	4.6018
Stddev	.00269	.00634	.00023	.00051	.00133	.0005	.00078	.0295
%RSD	1.1008	1.4150	13.509	183.51	68.290	1.872	.41550	.64005

#1	.24225	.45226	-.00153	-.00008	.00101	.0293	.18697	4.5809
#2	.24605	.44330	-.00185	.00064	.00289	.0286	.18807	4.6226

Sample Name: J6168-24 Acquired: 12/5/2018 20:18:46 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9987
 Stddev .1560
 %RSD 5.2026

#1 2.8884
 #2 3.1090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.4	48071.	4030.2	93.505	3698.7
Stddev	3.3	203.	1.0	1.038	2.5
%RSD	.09155	.42331	.02443	1.1106	.06830

#1	3648.0	47927.	4029.6	94.239	3700.5
#2	3652.7	48215.	4030.9	92.771	3696.9

Sample Name: J6168-29 Acquired: 12/5/2018 20:22:54 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00174	-.00330	.00221	.00133	-.00629	-.04225	.33366	-.00004
Stddev	.00125	.00026	.00057	.00022	.00095	.01246	.00596	.00005
%RSD	71.418	7.7887	26.036	16.638	15.142	29.502	1.7850	119.69

#1	-.00262	-.00348	.00180	.00149	-.00562	-.05106	.32945	-.00001
#2	-.00086	-.00312	.00261	.00118	-.00696	-.03344	.33788	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	135.30	.00050	-.00033	-.00113	-.02843	.03301	1.8816
Stddev	.00003	2.13	.00026	.00016	.00039	.00305	.00009	.0060
%RSD	45.499	1.5759	51.968	48.466	34.518	10.737	.27279	.31656

#1	.00009	133.79	.00068	-.00044	-.00085	-.03059	.03294	1.8774
#2	.00004	136.80	.00032	-.00022	-.00140	-.02628	.03307	1.8858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00075	261.63	.00080	.05736	.62712	.00011	.01253
Stddev	.00018	.00043	2.72	.00022	.00072	.01604	.00019	.00486
%RSD	177.82	56.812	1.0407	26.963	1.2515	2.5579	174.10	38.823

#1	-.00023	-.00045	259.71	.00096	.05685	.63847	-.00003	.01597
#2	.00003	-.00106	263.56	.00065	.05786	.61578	.00025	.00909

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19814	.38458	-.00172	-.00144	.00554	-.0010	.30005	4.8606
Stddev	.00076	.00880	.00059	.00073	.00019	.0004	.00414	.0112
%RSD	.38225	2.2885	34.545	50.997	3.3886	43.64	1.3810	.23068

#1	.19868	.37835	-.00214	-.00092	.00540	-.0007	.29712	4.8686
#2	.19761	.39080	-.00130	-.00196	.00567	-.0013	.30298	4.8527

Sample Name: J6168-29 Acquired: 12/5/2018 20:22:54 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8348
 Stddev .7298
 %RSD 25.745

#1 2.3187
 #2 3.3508

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.0	47537.	3979.4	90.690	3651.9
Stddev	1.4	11.	57.7	1.023	3.7
%RSD	.03899	.02360	1.4502	1.1275	.10060

#1	3599.1	47529.	4020.2	91.413	3654.5
#2	3601.0	47545.	3938.6	89.967	3649.3

Sample Name: CCV10 Acquired: 12/5/2018 20:27:02 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14279 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0793	4.8832	5.0321	4.9230	5.0841	9.9684	9.9987	.24887
Stddev	.0004	.0029	.0053	.0292	.0201	.0036	.0030	.00054
%RSD	.00841	.06048	.10442	.59282	.39615	.03656	.02990	.21508
#1	5.0790	4.8811	5.0359	4.9436	5.0983	9.9658	9.9966	.24849
#2	5.0796	4.8853	5.0284	4.9023	5.0699	9.9710	10.001	.24925
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4429	25.785	1.0081	2.4700	1.2457	4.7391	2.5140	24.973
Stddev	.0026	.066	.0003	.0024	.0016	.0159	.0125	.180
%RSD	.10495	.25610	.03112	.09515	.12791	.33634	.49599	.72040
#1	2.4447	25.738	1.0078	2.4716	1.2468	4.7504	2.5052	24.846
#2	2.4411	25.832	1.0083	2.4683	1.2445	4.7278	2.5228	25.100
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4044	1.2075	23.964	2.3747	2.5398	24.763	5.1046	4.8941
Stddev	.0020	.0047	.011	.0131	.0065	.087	.0121	.0068
%RSD	.08239	.38955	.04642	.55170	.25737	.35112	.23795	.13967
#1	2.4030	1.2042	23.957	2.3654	2.5352	24.702	5.1132	4.8990
#2	2.4058	1.2108	23.972	2.3840	2.5444	24.825	5.0961	4.8893
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6464	5.1080	4.7250	4.9369	4.9424	4.854	5.1981	F 4.0659
Stddev	.0125	.0311	.0061	.0002	.0020	.017	.0199	.0453
%RSD	.26999	.60905	.12913	.00321	.03974	.3497	.38196	1.1152
#1	4.6375	5.0860	4.7293	4.9370	4.9410	4.866	5.1841	4.0980
#2	4.6553	5.1300	4.7207	4.9367	4.9438	4.842	5.2121	4.0338

Sample Name: CCV10 Acquired: 12/5/2018 20:27:02 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14279 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6887
Stddev	1.1866
%RSD	32.168

#1	2.8497
#2	4.5277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3822.2	50492.	4083.2	91.713	3821.7
Stddev	11.9	50.	4.4	.153	6.0
%RSD	.31097	.09866	.10827	.16663	.15762

#1	3813.8	50457.	4086.4	91.821	3817.4
#2	3830.6	50527.	4080.1	91.605	3825.9

Sample Name: CCB10 Acquired: 12/5/2018 20:30:48 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14279 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	.00129	-.00077	-.00162	-.00161	.00175	.00055
Stddev	.00161	.00129	.00035	.00196	.00144	.01140	.00042
%RSD	110.63	100.02	44.838	120.99	89.155	650.08	76.394

#1	-.00259	.00221	-.00101	-.00023	-.00263	-.00631	.00085
#2	-.00032	.00038	-.00053	-.00300	-.00060	.00982	.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	-.00396	.00017	.00022	-.00069	.00572
Stddev	.00003	.00009	.00720	.00038	.00001	.00014	.00057
%RSD	155.43	260.65	181.66	226.30	3.3995	20.897	9.9065

#1	.00004	.00010	.00113	-.00010	.00022	-.00058	.00532
#2	-.00000	-.00003	-.00905	.00044	.00021	-.00079	.00613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00549	.00067	.00046	.00290	-.00002	-.00086
Stddev	.00003	.03338	.00007	.00020	.00391	.00008	.00006
%RSD	2272.2	608.11	11.135	44.021	135.01	328.91	6.8127

#1	.00002	-.01811	.00062	.00032	.00566	.00003	-.00090
#2	-.00002	.02909	.00073	.00060	.00013	-.00008	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02600	.00038	-.01230	-.00980	.00124	-.00193	.00223
Stddev	.04961	.00031	.00579	.00250	.00067	.00057	.00219
%RSD	190.80	81.346	47.120	25.531	54.133	29.252	98.509

#1	-.06108	.00016	-.00820	-.01157	.00171	-.00233	.00068
#2	.00908	.00060	-.01639	-.00803	.00076	-.00153	.00378

Sample Name: CCB10 Acquired: 12/5/2018 20:30:48 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14279 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00168	-0.0017	-0.00010	F 2.7808	F<.00000
Stddev	.00110	.0001	.00001	.1470	.64123
%RSD	65.350	7.050	9.7303	5.2879	505.12

#1	-0.00091	-0.0018	-0.00009	2.8848	-.58036
#2	-0.00246	-0.0016	-0.00011	2.6769	.32647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.0	53291.	4131.9	97.117	4424.3
Stddev	6.6	278.	2.7	.071	6.9
%RSD	.16475	.52193	.06519	.07281	.15607

#1	3989.4	53094.	4133.8	97.067	4419.4
#2	3998.7	53487.	4130.0	97.167	4429.2

Sample Name: J6182-18 Acquired: 12/5/2018 20:34:54 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OXS01-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06667	-.00961	.01640	.00351	-.24069	-.08494	.00527	-.00123
Stddev	.00086	.00105	.00026	.00160	.00338	.00496	.00064	.00000
%RSD	1.2936	10.919	1.5710	45.631	1.4043	5.8373	12.204	.03708
#1	-.06728	-.01035	.01658	.00238	-.24308	-.08143	.00482	-.00123
#2	-.06606	-.00887	.01622	.00465	-.23830	-.08845	.00573	-.00123
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	306.81	F 95.697	-.00234	.02606	.08464	-.00559	.01613
Stddev	.00017	3.25	.078	.00010	.00029	.00419	.00005	.01133
%RSD	10.261	1.0588	.08167	4.2917	1.1205	4.9510	.86446	70.273
#1	.00178	304.51	95.642	-.00227	.02585	.08760	-.00562	.00811
#2	.00154	309.11	95.753	-.00241	.02626	.08168	-.00555	.02414
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00234	.04405	976.66	.07006	.00459	88.073	.02741	2.3062
Stddev	.00024	.00076	3.66	.00027	.00003	.756	.00051	.0251
%RSD	10.240	1.7270	.37504	.38504	.65239	.85862	1.8687	1.0880
#1	-.00217	.04351	974.07	.07025	.00457	87.538	.02705	2.2885
#2	-.00251	.04459	979.25	.06987	.00461	88.608	.02777	2.3240
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 200.90	1.1476	-.07758	-.02146	.03588	-.0095	1.6091	6.3062
Stddev	.15	.0003	.00021	.00168	.00380	.0003	.0157	.0081
%RSD	.07525	.02786	.26843	7.8247	10.597	3.573	.97631	.12793
#1	200.80	1.1478	-.07744	-.02265	.03319	-.0093	1.5980	6.3119
#2	201.01	1.1473	-.07773	-.02028	.03856	-.0098	1.6202	6.3005

Sample Name: J6182-18 Acquired: 12/5/2018 20:34:54 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OXS01-02 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.1674
Stddev .4647
%RSD 8.9930

#1 4.8388
#2 5.4960

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3081.1	43167.	3914.3	90.105	3243.6
Stddev	10.8	126.	15.3	.047	3.2
%RSD	.35042	.29251	.39181	.05216	.09958

#1	3073.4	43256.	3925.2	90.138	3241.3
#2	3088.7	43078.	3903.5	90.071	3245.8

Sample Name: J6188-02 Acquired: 12/5/2018 20:39:06 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-03-120418 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	-.00133	.00550	-.00048	-.00209	.07073	.10965	.00007
Stddev	.00152	.00031	.00075	.00052	.00084	.00603	.00131	.00004
%RSD	72.250	23.280	13.584	108.39	40.351	8.5242	1.1974	68.173

#1	-.00103	-.00111	.00497	-.00085	-.00269	.07500	.10872	.00010
#2	-.00318	-.00154	.00603	-.00011	-.00149	.06647	.11058	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	32.622	.00395	.00238	.01005	.06166	.26620	6.6152
Stddev	.00002	.196	.00071	.00000	.00020	.00109	.00008	.1237
%RSD	17.153	.59991	18.015	.11509	1.9453	1.7667	.02836	1.8700

#1	.00013	32.484	.00445	.00239	.01019	.06089	.26625	6.7026
#2	.00010	32.761	.00345	.00238	.00991	.06243	.26614	6.5277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00025	267.09	.00073	.04563	.66359	.00013	-.00191
Stddev	.00047	.00048	.56	.00029	.00040	.00712	.00036	.00293
%RSD	38.835	191.64	.21117	39.942	.88182	1.0726	271.35	153.59

#1	.00155	.00059	266.70	.00093	.04535	.66862	-.00012	-.00398
#2	.00088	-.00009	267.49	.00052	.04592	.65856	.00038	.00016

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32895	.25133	-.00140	.00061	.00179	.0012	.06325	4.3884
Stddev	.00011	.00367	.00079	.00183	.00236	.0001	.00051	.0122
%RSD	.03276	1.4611	56.418	300.50	131.63	5.222	.80734	.27888

#1	.32902	.24874	-.00196	-.00069	.00346	.0011	.06289	4.3970
#2	.32887	.25393	-.00084	.00191	.00012	.0012	.06362	4.3797

Sample Name: J6188-02 Acquired: 12/5/2018 20:39:06 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-03-120418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.9559
 Stddev .8441
 %RSD 28.556

#1 2.3590
 #2 3.5527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.1	48819.	4108.1	94.192	3751.1
Stddev	.3	168.	5.9	.943	24.5
%RSD	.00883	.34447	.14482	1.0009	.65354

#1	3723.4	48700.	4112.3	94.858	3768.5
#2	3722.9	48938.	4103.9	93.525	3733.8

Sample Name: J6188-02DUP Acquired: 12/5/2018 20:43:16 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00125	-.00260	.00538	-.00006	-.00325	.06895	.11099	.00003
Stddev	.00175	.00086	.00104	.00156	.00209	.00593	.00034	.00013
%RSD	139.87	33.173	19.265	2413.1	64.306	8.5972	.30975	523.29

#1	-.00001	-.00199	.00612	-.00116	-.00472	.06476	.11124	-.00007
#2	-.00249	-.00321	.00465	.00104	-.00177	.07314	.11075	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	32.546	.00170	.00235	.01078	.06242	.26821	6.7156
Stddev	.00007	.047	.00015	.00005	.00041	.00079	.00095	.0354
%RSD	168.44	.14417	9.0581	2.2720	3.8082	1.2702	.35443	.52662

#1	-.00001	32.579	.00159	.00232	.01049	.06186	.26754	6.6906
#2	.00009	32.513	.00181	.00239	.01107	.06298	.26889	6.7406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	-.00025	267.51	.00004	.04305	.62593	.00022	-.00668
Stddev	.00025	.00038	.51	.00008	.00114	.02282	.00012	.00935
%RSD	15.972	155.31	.18967	210.54	2.6417	3.6455	52.409	140.03

#1	.00138	-.00052	267.87	.00010	.04386	.60980	.00014	-.01329
#2	.00174	.00002	267.15	-.00002	.04225	.64207	.00031	-.00007

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32587	.24959	-.00211	.00132	.00113	-.0001	.06268	4.1518
Stddev	.00395	.00421	.00053	.00050	.00078	.0011	.00026	.1746
%RSD	1.2125	1.6886	24.950	37.889	69.295	723.3	.41292	4.2056

#1	.32308	.24661	-.00249	.00097	.00058	-.0009	.06286	4.0284
#2	.32867	.25257	-.00174	.00167	.00168	.0006	.06250	4.2753

Sample Name: J6188-02DUP Acquired: 12/5/2018 20:43:16 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0645
Stddev .7000
%RSD 33.908

#1 1.5695
#2 2.5596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.2	49000.	4116.0	94.413	3728.2
Stddev	.4	218.	6.5	2.657	1.7
%RSD	.01043	.44473	.15751	2.8148	.04595

#1	3715.5	49154.	4111.4	92.533	3729.4
#2	3715.0	48846.	4120.6	96.292	3727.0

Sample Name: J6188-02LX5 Acquired: 12/5/2018 20:47:25 Type: Unk
Method: P4-ICP2(v2631) 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	-.00014	-.00047	-.00029	-.00021	-.00217	.01567	.02281	-.00002
Stddev	.00199	.00047	.00117	.00110	.00128	.00004	.00039	.00002
%RSD	1423.5	100.00	406.20	530.42	58.742	.23323	1.7020	116.15

#1	-.00155	-.00080	.00054	.00057	-.00127	.01565	.02253	-.00004
#2	.00127	-.00014	-.00112	-.00098	-.00307	.01570	.02308	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	6.5447	.00153	.00024	.00149	.01803	.05467	1.3403
Stddev	.00010	.0418	.00013	.00037	.00012	.00355	.00047	.0246
%RSD	113.32	.63854	8.6032	151.09	7.9687	19.709	.86851	1.8349

#1	.00002	6.5151	.00163	.00051	.00140	.01552	.05500	1.3577
#2	.00016	6.5742	.00144	-.00002	.00157	.02054	.05433	1.3229

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00027	55.402	.00013	.00862	.16559	.00019	-.01028
Stddev	.00027	.00036	.170	.00024	.00004	.02063	.00003	.00093
%RSD	112.89	132.62	.30648	186.19	.43273	12.457	16.110	9.0422

#1	.00005	-.00053	55.522	.00030	.00865	.15100	.00021	-.00962
#2	.00042	-.00002	55.282	-.00004	.00860	.18018	.00017	-.01094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05370	.05494	-.00209	.00136	.00144	-.0009	.01262	3.0074
Stddev	.00226	.00036	.00029	.00049	.00053	.0002	.00002	.2776
%RSD	4.2064	.66017	13.664	36.362	36.759	25.21	.12178	9.2317

#1	.05530	.05520	-.00230	.00171	.00181	-.0011	.01261	2.8111
#2	.05211	.05468	-.00189	.00101	.00106	-.0008	.01263	3.2038

Sample Name: J6188-02LX5 Acquired: 12/5/2018 20:47:25 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .83134
 Stddev .35367
 %RSD 42.542

#1 1.0814
 #2 .58126

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3898.4	51592.	4174.5	95.430	4068.5
Stddev	6.0	.	40.9	.493	.3
%RSD	.15335	.00035	.97946	.51641	.00747

#1	3894.2	51592.	4145.6	95.081	4068.7
#2	3902.6	51592.	4203.4	95.778	4068.3

Sample Name: J6188-02MS Acquired: 12/5/2018 20:51:31 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 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	.79282	1.8142	.95539	1.9436	.77595	2.1231	.31810	.20075	.19051
Stddev	.00115	.0047	.00218	.0101	.00022	.0053	.00120	.00099	.00017
%RSD	.14471	.26137	.22794	.52092	.02801	.24823	.37643	.49537	.08963

#1	.79201	1.8108	.95385	1.9364	.77610	2.1194	.31726	.20005	.19063
#2	.79363	1.8175	.95693	1.9508	.77579	2.1268	.31895	.20146	.19039

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.316	.41493	.20019	.30768	2.8828	.47481	8.9240	.48161	.06848
Stddev	.095	.00002	.00062	.00080	.0065	.00206	.0434	.00052	.00042
%RSD	.27544	.00371	.30943	.25891	.22468	.43288	.48579	.10808	.61098

#1	34.249	.41494	.19975	.30712	2.8874	.47336	8.9547	.48124	.06878
#2	34.382	.41492	.20063	.30825	2.8782	.47626	8.8933	.48198	.06819

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	280.37	.30115	.23457	10.863	.40967	.29430	.31270	1.1765	.63787
Stddev	2.55	.00138	.00099	.013	.00007	.01175	.00148	.0088	.00032
%RSD	.91116	.45943	.42081	.12278	.01672	3.9934	.47235	.75159	.04982

#1	278.56	.30017	.23387	10.853	.40972	.28599	.31375	1.1703	.63765
#2	282.17	.30213	.23527	10.872	.40962	.30261	.31166	1.1828	.63810

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19896	.20599	5.796	.27080	4.0325	1.0893
Stddev	.00095	.00072	.003	.00072	.2025	.0299
%RSD	.47740	.35065	.0458	.26467	5.0226	2.7414

#1	.19829	.20548	5.798	.27131	4.1757	1.0682
#2	.19963	.20650	5.794	.27029	3.8892	1.1104

Sample Name: J6188-02MS Acquired: 12/5/2018 20:51:31 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 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	3728.6	48753.	4054.3	94.618	3749.9
Stddev	10.2	62.	14.0	.068	12.8
%RSD	.27318	.12617	.34424	.07215	.34244
#1	3721.4	48796.	4064.1	94.667	3740.8
#2	3735.8	48709.	4044.4	94.570	3759.0

Sample Name: J6188-02MSD Acquired: 12/5/2018 20:55:28 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 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	.79780	1.8232	.95910	1.9492	.77773	2.1280	.32172	.20192	.19145
Stddev	.00407	.0052	.00321	.0043	.00162	.0005	.00124	.00087	.00026
%RSD	.51058	.28675	.33454	.22034	.20854	.02403	.38547	.43054	.13676

#1	.80068	1.8268	.95683	1.9523	.77888	2.1283	.32084	.20130	.19127
#2	.79492	1.8195	.96137	1.9462	.77658	2.1276	.32259	.20253	.19164

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.537	.41894	.20034	.31090	2.9494	.47856	8.9990	.48396	.06926
Stddev	.225	.00112	.00013	.00003	.0102	.00094	.0779	.00246	.00103
%RSD	.65014	.26782	.06498	.01059	.34709	.19577	.86608	.50740	1.4882

#1	34.378	.41814	.20025	.31092	2.9566	.47789	9.0542	.48222	.06853
#2	34.696	.41973	.20043	.31088	2.9421	.47922	8.9439	.48570	.06999

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	279.82	.30443	.24081	10.922	.41217	.28753	.31953	1.1811	.64305
Stddev	4.94	.00045	.00083	.009	.00023	.00016	.00252	.0149	.00390
%RSD	1.7644	.14656	.34556	.08577	.05511	.05552	.78723	1.2634	.60587

#1	283.31	.30475	.24140	10.928	.41200	.28742	.31775	1.1917	.64580
#2	276.33	.30412	.24022	10.915	.41233	.28764	.32131	1.1706	.64029

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20054	.20814	5.814	.27428	4.1941	1.6222
Stddev	.00300	.00272	.016	.00086	.0843	.6732
%RSD	1.4984	1.3066	.2678	.31369	2.0109	41.496

#1	.19842	.20621	5.825	.27368	4.1345	2.0982
#2	.20267	.21006	5.803	.27489	4.2537	1.1462

Sample Name: J6188-02MSD Acquired: 12/5/2018 20:55:28 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-03-120418 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	3704.0	48659.	4014.7	92.100	3727.5
Stddev	7.4	152.	28.2	.507	1.8
%RSD	.20078	.31138	.70331	.55023	.04731
#1	3698.8	48766.	3994.8	91.742	3728.8
#2	3709.3	48552.	4034.7	92.458	3726.3

Sample Name: J6188-02A Acquired: 12/5/2018 20:59:26 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7754 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	.79509	1.8254	.95717	1.9546	.77652	2.1310	.31833	.20075	.19132
Stddev	.00144	.0050	.00179	.0060	.00236	.0338	.00004	.00060	.00069
%RSD	.18085	.27607	.18655	.30843	.30396	1.5864	.01101	.29874	.35999

#1	.79407	1.8218	.95591	1.9504	.77485	2.1071	.31830	.20117	.19083
#2	.79611	1.8289	.95843	1.9589	.77819	2.1549	.31835	.20032	.19181

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.623	.41763	.20043	.30855	2.9500	.47725	8.8774	.48478	.06956
Stddev	.011	.00108	.00043	.00135	.0268	.00120	.0623	.00063	.00032
%RSD	.03163	.25782	.21459	.43684	.90883	.25097	.70182	.13096	.46489

#1	34.631	.41839	.20013	.30760	2.9311	.47809	8.9214	.48433	.06979
#2	34.615	.41687	.20074	.30951	2.9690	.47640	8.8333	.48523	.06933

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	277.02	.30383	.23630	10.829	.40973	.29158	.31984	1.1703	.64390
Stddev	2.42	.00101	.00366	.005	.00121	.00893	.00544	.0242	.00254
%RSD	.87197	.33370	1.5469	.04624	.29591	3.0641	1.7021	2.0690	.39373

#1	278.73	.30311	.23889	10.832	.40887	.29790	.31599	1.1874	.64211
#2	275.32	.30454	.23372	10.825	.41058	.28526	.32369	1.1531	.64569

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19973	.20692	5.837	.27056	3.9929	1.1466
Stddev	.00077	.00059	.013	.00437	.1111	.8588
%RSD	.38480	.28558	.2161	1.6151	2.7832	74.900

#1	.20027	.20734	5.829	.27365	4.0714	1.7538
#2	.19919	.20650	5.846	.26747	3.9143	.53933

Sample Name: J6188-02A Acquired: 12/5/2018 20:59:26 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7754 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	3732.2	48961.	4086.8	93.996	3735.5
Stddev	14.0	221.	54.1	1.479	13.6
%RSD	.37455	.45233	1.3231	1.5737	.36323
#1	3742.1	48805.	4048.6	92.950	3745.1
#2	3722.3	49118.	4125.0	95.042	3725.9

Sample Name: J6194-02 Acquired: 12/5/2018 21:03:23 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	-.00189	.00130	.00021	-.00144	5.1668	.00768	-.00005
Stddev	.00042	.00052	.00154	.00151	.00141	.0191	.00021	.00005
%RSD	69.999	27.723	118.35	729.05	98.396	.36938	2.7383	101.10

#1	-.00030	-.00152	.00021	-.00086	-.00243	5.1533	.00753	-.00008
#2	-.00090	-.00226	.00239	.00127	-.00044	5.1803	.00783	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.40519	.00207	.00026	.01567	.13916	.00241	.00699
Stddev	.00004	.01204	.00008	.00021	.00058	.00381	.00000	.01029
%RSD	65.674	2.9715	3.6897	79.545	3.7062	2.7360	.00337	147.25

#1	-.00009	.39667	.00201	.00011	.01526	.14185	.00241	-.00029
#2	-.00003	.41370	.00212	.00041	.01608	.13646	.00241	.01427

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	.00020	682.54	.03632	.00682	.64579	.00104	-.00468
Stddev	.00001	.00059	1.71	.00008	.00020	.02168	.00017	.00709
%RSD	2.1793	297.78	.25096	.23337	2.9898	3.3566	16.590	151.40

#1	-.00044	.00061	683.75	.03626	.00668	.63046	.00092	.00033
#2	-.00046	-.00022	681.33	.03638	.00697	.66111	.00116	-.00970

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28719	3.3964	-.00110	.00814	.00640	.4641	.00220	4.6897
Stddev	.00179	.0169	.00010	.00152	.00071	.0017	.00004	.0787
%RSD	.62160	.49776	8.7510	18.701	11.104	.3685	1.7645	1.6786

#1	.28593	3.3844	-.00117	.00707	.00590	.4629	.00218	4.7453
#2	.28846	3.4083	-.00104	.00922	.00691	.4653	.00223	4.6340

Sample Name: J6194-02 Acquired: 12/5/2018 21:03:23 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1570
Stddev .3588
%RSD 11.367

#1 2.9033
#2 3.4108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.6	46754.	4083.0	92.917	3555.1
Stddev	6.7	96.	15.1	.059	4.3
%RSD	.18355	.20476	.36951	.06342	.11977

#1	3651.3	46686.	4093.7	92.875	3558.1
#2	3641.9	46821.	4072.4	92.958	3552.1

Sample Name: J6194-04 Acquired: 12/5/2018 21:07:33 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	-.00296	.00119	.00290	-.00111	3.8348	.00599	-.00004
Stddev	.00198	.00006	.00079	.00038	.00169	.0933	.00076	.00006
%RSD	147.21	1.9573	66.202	13.066	152.00	2.4325	12.656	161.07

#1	.00275	-.00300	.00063	.00263	-.00231	3.7688	.00653	-.00008
#2	-.00006	-.00292	.00174	.00317	.00008	3.9008	.00545	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.47343	.00150	-.00023	.00392	.02879	.00066	-.03765
Stddev	.00003	.00630	.00009	.00014	.00077	.00349	.00001	.06178
%RSD	28.143	1.3312	5.6904	59.955	19.505	12.106	1.7287	164.10

#1	-.00007	.47788	.00144	-.00033	.00446	.02632	.00065	.00604
#2	-.00011	.46897	.00156	-.00013	.00338	.03125	.00067	-.08134

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00146	-.00015	680.95	.01590	.00305	.79387	.00083	-.01024
Stddev	.00018	.00050	5.49	.00045	.00000	.05179	.00017	.00474
%RSD	12.179	342.58	.80638	2.8094	.01346	6.5233	20.239	46.311

#1	-.00134	.00021	684.83	.01621	.00305	.75725	.00071	-.00689
#2	-.00159	-.00050	677.06	.01558	.00305	.83049	.00094	-.01360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15125	2.6079	-.00156	-.00212	.00903	.2833	.00215	4.4189
Stddev	.00382	.0799	.00007	.00177	.00128	.0048	.00013	.0698
%RSD	2.5251	3.0639	4.5813	83.279	14.205	1.701	6.0049	1.5793

#1	.15395	2.6644	-.00161	-.00337	.00812	.2799	.00224	4.3696
#2	.14855	2.5514	-.00151	-.00087	.00993	.2867	.00206	4.4683

Sample Name: J6194-04 Acquired: 12/5/2018 21:07:33 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OK-02-120418 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9391
 Stddev .4345
 %RSD 11.031

#1 4.2463
 #2 3.6318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.4	46725.	4040.6	94.196	3560.7
Stddev	4.1	198.	79.3	2.269	11.6
%RSD	.11321	.42402	1.9630	2.4084	.32670

#1	3645.5	46585.	3984.5	92.592	3552.5
#2	3651.3	46865.	4096.7	95.800	3569.0

Sample Name: J6202-02 Acquired: 12/5/2018 21:11:44 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00552	-.00227	.00043	-.00000	-.00246	4.1806	.01492	-.00002
Stddev	.00261	.00011	.00078	.00034	.00071	.0321	.00029	.00005
%RSD	47.268	4.7938	182.88	8735.5	28.763	.76865	1.9281	332.78

#1	.00736	-.00235	.00098	-.00024	-.00196	4.2033	.01471	.00002
#2	.00367	-.00220	-.00013	.00023	-.00296	4.1579	.01512	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.19508	.00167	-.00023	.00479	.08443	.00033	-.01458
Stddev	.00002	.00047	.00008	.00004	.00026	.00718	.00002	.01012
%RSD	15.074	.23999	4.6761	16.742	5.5239	8.5071	6.7785	69.416

#1	-.00012	.19475	.00172	-.00020	.00460	.07935	.00035	-.02173
#2	-.00015	.19541	.00161	-.00026	.00498	.08951	.00031	-.00742

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00003	633.29	.01880	.00523	.74317	.00086	-.01034
Stddev	.00031	.00038	6.71	.00013	.00004	.00700	.00001	.00145
%RSD	20.069	1312.3	1.0590	.69844	.72547	.94162	.66189	14.070

#1	-.00133	.00024	638.03	.01871	.00520	.73822	.00086	-.00931
#2	-.00176	-.00030	628.55	.01889	.00525	.74812	.00087	-.01136

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34469	2.3513	-.00144	.00203	.00927	.1823	.00173	4.5630
Stddev	.00047	.0166	.00106	.00153	.00041	.0017	.00003	.0986
%RSD	.13545	.70674	73.367	75.315	4.4625	.9533	1.9458	2.1613

#1	.34502	2.3395	-.00219	.00311	.00898	.1835	.00175	4.6328
#2	.34436	2.3630	-.00069	.00095	.00956	.1811	.00170	4.4933

Sample Name: J6202-02 Acquired: 12/5/2018 21:11:44 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.7142
 Stddev .4415
 %RSD 11.887

#1 3.4020
 #2 4.0265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3638.1	46756.	4036.7	93.496	3575.4
Stddev	4.4	164.	13.0	.194	11.4
%RSD	.12076	.35034	.32144	.20798	.32010

#1	3635.0	46641.	4045.9	93.633	3567.3
#2	3641.3	46872.	4027.5	93.358	3583.5

Sample Name: CCV11 Acquired: 12/5/2018 21:15:55 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0082	4.9304	4.9983	4.9161	5.0307	10.003	10.036	.25068
Stddev	.0048	.0121	.0193	.0322	.0124	.042	.033	.00023
%RSD	.09518	.24638	.38521	.65438	.24698	.42277	.33165	.09062
#1	5.0115	4.9390	5.0119	4.9389	5.0395	9.9732	10.060	.25052
#2	5.0048	4.9218	4.9847	4.8934	5.0220	10.033	10.012	.25084
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4558	25.558	1.0119	2.4754	1.2499	4.7807	2.5354	25.264
Stddev	.0050	.096	.0065	.0091	.0023	.0051	.0001	.074
%RSD	.20511	.37740	.64347	.36807	.18341	.10614	.00193	.29439
#1	2.4594	25.627	1.0165	2.4818	1.2516	4.7772	2.5354	25.211
#2	2.4523	25.490	1.0073	2.4689	1.2483	4.7843	2.5354	25.316
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4371	1.2269	24.544	2.4362	2.5064	24.874	5.0807	4.9538
Stddev	.0051	.0006	.017	.0015	.0229	.002	.0074	.0343
%RSD	.20762	.04888	.06908	.06171	.91447	.00914	.14538	.69173
#1	2.4407	1.2265	24.532	2.4373	2.5226	24.876	5.0859	4.9780
#2	2.4335	1.2273	24.556	2.4351	2.4902	24.872	5.0755	4.9296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7101	5.0463	4.8136	4.9793	4.9756	4.863	5.1182	F 3.4579
Stddev	.0160	.0344	.0081	.0019	.0215	.018	.0386	.1013
%RSD	.34037	.68164	.16863	.03765	.43173	.3679	.75500	2.9282
#1	4.7215	5.0706	4.8193	4.9806	4.9908	4.875	5.1455	3.5295
#2	4.6988	5.0219	4.8079	4.9780	4.9604	4.850	5.0909	3.3863

Sample Name: CCV11 Acquired: 12/5/2018 21:15:55 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.0819
Stddev	.4253
%RSD	10.419

#1	3.7812
#2	4.3827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.2	50404.	4084.6	92.522	3816.9
Stddev	10.8	178.	34.0	.907	12.9
%RSD	.28124	.35339	.83157	.97995	.33717

#1	3839.5	50278.	4060.6	91.881	3807.8
#2	3854.8	50530.	4108.7	93.163	3826.0

Sample Name: CCB11 Acquired: 12/5/2018 21:19:41 Type: Unk
Method: P4-ICP2(v2631) 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	.00054	.00010	-.00135	-.00133	-.00154	.00498	.00089
Stddev	.00167	.00027	.00026	.00097	.00020	.00485	.00043
%RSD	307.49	256.02	19.052	73.171	13.128	97.293	48.415

#1	-.00064	-.00008	-.00153	-.00064	-.00169	.00841	.00120
#2	.00173	.00029	-.00117	-.00201	-.00140	.00155	.00059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	-.01469	.00074	-.00014	-.00070	.01199
Stddev	.00006	.00003	.00553	.00033	.00018	.00008	.01087
%RSD	760.01	72.861	37.644	44.426	127.19	12.104	90.655

#1	.00005	.00007	-.01078	.00051	-.00028	-.00076	.01968
#2	-.00003	.00002	-.01860	.00097	-.00001	-.00064	.00430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00261	.00059	-.00005	.22396	.00045	-.00088
Stddev	.00004	.01257	.00018	.00025	.00587	.00000	.00005
%RSD	57.576	481.70	29.720	543.44	2.6198	.16850	5.1745

#1	.00009	.01149	.00072	-.00022	.22811	.00045	-.00092
#2	.00004	-.00628	.00047	.00013	.21981	.00045	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00814	.00046	.00388	F -.01093	.00222	-.00116	-.00010
Stddev	.01164	.00038	.01508	.00210	.00063	.00044	.00103
%RSD	143.02	82.759	388.19	19.179	28.563	37.470	1041.0

#1	.01637	.00019	.01455	-.01242	.00177	-.00147	.00063
#2	-.00009	.00073	-.00678	-.00945	.00266	-.00085	-.00082

Sample Name: CCB11 Acquired: 12/5/2018 21:19:41 Type: Unk
Method: P4-ICP2(v2631) 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	.00221	-.0007	-.00006	F 2.1341	F<.00000
Stddev	.00003	.0014	.00007	.1126	.71750
%RSD	1.3537	199.0	117.38	5.2754	159.14

#1	.00219	.0003	-.00001	2.2137	-.95821
#2	.00223	-.0017	-.00010	2.0545	.05649

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4023.7	53444.	4123.1	98.650	4424.2
Stddev	3.9	172.	6.6	.271	5.4
%RSD	.09596	.32189	.15934	.27477	.12247

#1	4026.4	53322.	4118.4	98.842	4420.4
#2	4020.9	53565.	4127.7	98.458	4428.0

Sample Name: J6208-02 Acquired: 12/5/2018 21:23:46 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01181	-.00226	.02514	.00105	.00178	8.9616	.01924	.00003
Stddev	.00205	.00008	.00004	.00103	.00012	.0238	.00033	.00008
%RSD	17.379	3.4254	.17622	97.697	6.9716	.26535	1.7009	276.01

#1	.01036	-.00231	.02511	.00178	.00169	8.9448	.01901	.00008
#2	.01326	-.00220	.02517	.00032	.00187	8.9784	.01947	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.36304	.00697	.00022	.15089	1.2357	.02046	.10766
Stddev	.00004	.01586	.00041	.00028	.00050	.0001	.00005	.01819
%RSD	33.563	4.3678	5.9465	128.55	.32912	.01208	.24303	16.899

#1	-.00009	.37426	.00668	.00002	.15054	1.2355	.02043	.12052
#2	-.00015	.35183	.00727	.00042	.15124	1.2358	.02050	.09479

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	.00320	667.02	.03167	.01782	2.1833	.00311	-.00752
Stddev	.00072	.00014	2.90	.00018	.00013	.0416	.00011	.00631
%RSD	19.120	4.3470	.43538	.57520	.72497	1.9057	3.4120	83.895

#1	.00427	.00310	669.07	.03180	.01773	2.1539	.00318	-.00306
#2	.00325	.00330	664.96	.03154	.01791	2.2127	.00303	-.01198

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41638	4.6266	.00857	.04347	.00440	1.092	.00054	4.6898
Stddev	.00809	.0032	.00046	.00166	.00253	.003	.00004	.0618
%RSD	1.9440	.07003	5.3257	3.8293	57.606	.2861	8.2328	1.3180

#1	.41065	4.6243	.00890	.04465	.00261	1.090	.00051	4.7335
#2	.42210	4.6289	.00825	.04230	.00619	1.094	.00057	4.6461

Sample Name: J6208-02 Acquired: 12/5/2018 21:23:46 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8449
 Stddev .4815
 %RSD 12.524

#1 3.5044
 #2 4.1854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.8	46525.	4017.5	91.100	3548.3
Stddev	4.1	11.	7.4	.083	9.9
%RSD	.11089	.02328	.18409	.09056	.28011

#1	3663.6	46533.	4022.7	91.158	3555.4
#2	3657.9	46518.	4012.3	91.042	3541.3

Sample Name: J6208-06 Acquired: 12/5/2018 21:27:55 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01890	-.00258	.01319	.00187	.00136	4.2899	.01404	-.00001
Stddev	.00033	.00023	.00092	.00269	.00057	.0296	.00039	.00002
%RSD	1.7317	9.0424	6.9457	143.91	41.648	.68988	2.7697	140.55

#1	.01867	-.00242	.01254	.00377	.00096	4.2690	.01376	-.00000
#2	.01914	-.00275	.01384	-.00003	.00176	4.3108	.01431	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.71332	.00637	.00016	.15722	1.4041	.02301	.07589
Stddev	.00001	.00244	.00008	.00009	.00026	.0541	.00007	.02190
%RSD	57.640	.34170	1.2271	55.274	.16592	3.8554	.29488	28.851

#1	-.00002	.71504	.00643	.00022	.15703	1.3659	.02296	.06041
#2	-.00001	.71159	.00632	.00009	.15740	1.4424	.02306	.09137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00287	.00404	735.16	.01538	.02940	1.3122	.00425	.00866
Stddev	.00025	.00058	18.15	.00009	.00117	.0665	.00017	.00283
%RSD	8.7096	14.399	2.4683	.59626	3.9958	5.0691	4.1026	32.678

#1	.00269	.00445	747.99	.01531	.02857	1.3592	.00412	.01066
#2	.00304	.00363	722.33	.01544	.03024	1.2652	.00437	.00666

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45501	3.9890	.00240	.02348	.01093	.7628	.00155	4.8525
Stddev	.00419	.0165	.00079	.00118	.00153	.0004	.00003	.0294
%RSD	.92077	.41432	32.919	5.0084	13.968	.0491	2.1134	.60648

#1	.45205	4.0007	.00184	.02265	.00985	.7625	.00157	4.8317
#2	.45797	3.9773	.00296	.02431	.01201	.7630	.00152	4.8733

Sample Name: J6208-06 Acquired: 12/5/2018 21:27:55 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0618
 Stddev .1672
 %RSD 4.1172

#1 3.9436
 #2 4.1801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3636.3	46378.	3997.5	91.783	3536.3
Stddev	3.4	137.	23.2	3.206	1.7
%RSD	.09464	.29497	.58076	3.4925	.04908

#1	3633.9	46281.	3981.1	94.050	3535.1
#2	3638.7	46475.	4013.9	89.517	3537.5

Sample Name: J6208-10 Acquired: 12/5/2018 21:32:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00291	-.00307	.00228	.00196	-.00024	3.2713	.01138	-.00004
Stddev	.00104	.00016	.00020	.00230	.00137	.0582	.00002	.00001
%RSD	35.653	5.1017	8.7877	117.46	582.69	1.7793	.13284	22.637

#1	.00364	-.00318	.00242	.00359	.00074	3.2301	.01139	-.00005
#2	.00218	-.00296	.00214	.00033	-.00121	3.3124	.01136	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.32831	.00129	-.00021	.02776	.06336	.00102	-.01206
Stddev	.00005	.00257	.00028	.00001	.00027	.00060	.00001	.05252
%RSD	60.388	.78170	21.967	3.1238	.96450	.94466	1.0248	435.43

#1	-.00013	.32650	.00109	-.00021	.02795	.06294	.00103	.02508
#2	-.00005	.33012	.00149	-.00022	.02757	.06379	.00101	-.04920

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	.00131	607.94	.01056	.00755	1.1266	.00317	-.00982
Stddev	.00023	.00033	4.29	.00007	.00000	.0475	.00023	.00675
%RSD	24.675	25.307	.70573	.67507	.02539	4.2188	7.1840	68.713

#1	-.00075	.00108	610.97	.01051	.00755	1.1602	.00333	-.01460
#2	-.00107	.00155	604.91	.01061	.00755	1.0930	.00301	-.00505

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11040	2.5032	.00016	.00532	.01050	.3866	.00293	4.7348
Stddev	.00257	.0236	.00013	.00024	.00094	.0021	.00001	.1136
%RSD	2.3250	.94352	85.816	4.5644	8.9570	.5346	.21302	2.3993

#1	.11222	2.5199	.00006	.00515	.00983	.3852	.00292	4.8151
#2	.10859	2.4865	.00025	.00549	.01116	.3881	.00293	4.6545

Sample Name: J6208-10 Acquired: 12/5/2018 21:32:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.2277
Stddev .7374
%RSD 22.845

#1 3.7491
#2 2.7063

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.2	46818.	3982.5	92.313	3595.5
Stddev	9.6	34.	27.6	.301	15.6
%RSD	.26288	.07222	.69182	.32555	.43357

#1	3663.4	46842.	3963.0	92.100	3584.5
#2	3677.0	46794.	4002.0	92.525	3606.5

Sample Name: J6208-14 Acquired: 12/5/2018 21:36:15 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	-.00152	.01813	.00032	.00045	6.7614	.02147	-.00000
Stddev	.00001	.00239	.00091	.00433	.00104	.0229	.00088	.00004
%RSD	.06146	156.68	5.0352	1352.0	233.14	.33864	4.0906	1043.4

#1	.01319	.00016	.01748	-.00274	.00118	6.7776	.02085	.00002
#2	.01320	-.00321	.01877	.00338	-.00029	6.7452	.02209	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.85146	.00442	.00024	.18363	1.6289	.02625	.13389
Stddev	.00005	.01147	.00029	.00030	.00036	.0119	.00004	.05702
%RSD	113.94	1.3476	6.5681	123.60	.19801	.72937	.17111	42.588

#1	-.00008	.84335	.00421	.00045	.18388	1.6373	.02622	.09357
#2	-.00001	.85957	.00462	.00003	.18337	1.6205	.02629	.17420

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00307	.00304	663.25	.01479	.02939	1.4554	.00229	-.00198
Stddev	.00026	.00062	1.07	.00006	.00018	.0305	.00010	.01663
%RSD	8.4637	20.297	.16079	.43563	.62228	2.0985	4.2176	838.49

#1	.00325	.00348	664.01	.01483	.02926	1.4338	.00223	-.01374
#2	.00289	.00260	662.50	.01474	.02952	1.4770	.00236	.00977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35114	4.6739	.00236	.05153	.00992	.6606	.00257	4.3616
Stddev	.00058	.0278	.00136	.00147	.00083	.0010	.00004	.0053
%RSD	.16519	.59514	57.667	2.8450	8.3405	.1586	1.6940	.12033

#1	.35073	4.6936	.00140	.05049	.01050	.6599	.00254	4.3653
#2	.35155	4.6543	.00333	.05256	.00933	.6614	.00260	4.3579

Sample Name: J6208-14 Acquired: 12/5/2018 21:36:15 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0618
 Stddev .6156
 %RSD 15.156

#1 4.4972
 #2 3.6265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.5	47114.	4045.5	92.446	3557.4
Stddev	7.8	20.	1.8	.253	4.7
%RSD	.21339	.04239	.04513	.27408	.13352

#1	3661.9	47128.	4046.8	92.625	3554.1
#2	3673.0	47100.	4044.2	92.267	3560.8

Sample Name: J6208-18 Acquired: 12/5/2018 21:40:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01820	-.00220	.03378	.00271	.00127	4.9010	.04363	.00006
Stddev	.00074	.00008	.00012	.00044	.00155	.0115	.00017	.00006
%RSD	4.0812	3.7102	.34959	16.378	122.64	.23542	.38367	91.596

#1	.01768	-.00226	.03387	.00239	.00237	4.8929	.04351	.00002
#2	.01873	-.00214	.03370	.00302	.00017	4.9092	.04375	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.75088	.02934	-.00042	.16410	.87069	.00979	.05577
Stddev	.00004	.01411	.00079	.00012	.00056	.02093	.00012	.00616
%RSD	33.321	1.8790	2.7031	27.405	.33943	2.4043	1.2399	11.038

#1	.00008	.74090	.02990	-.00034	.16450	.88549	.00987	.05142
#2	.00013	.76086	.02878	-.00050	.16371	.85589	.00970	.06013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	.00270	646.68	.01662	.05889	1.2993	.00417	-.00223
Stddev	.00001	.00036	5.46	.00020	.00252	.0044	.00000	.00206
%RSD	.87104	13.202	.84379	1.2205	4.2719	.33874	.04683	92.260

#1	.00123	.00296	642.82	.01676	.06066	1.2962	.00417	-.00077
#2	.00122	.00245	650.54	.01647	.05711	1.3024	.00417	-.00368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74666	4.3903	.01409	.01417	.00997	.5063	.00476	4.2671
Stddev	.00029	.0256	.00045	.00086	.00223	.0011	.00005	.0860
%RSD	.03883	.58192	3.2207	6.0610	22.397	.2084	.95208	2.0159

#1	.74687	4.4084	.01441	.01356	.00839	.5056	.00473	4.3279
#2	.74646	4.3722	.01377	.01477	.01155	.5071	.00479	4.2062

Sample Name: J6208-18 Acquired: 12/5/2018 21:40:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8174
Stddev .0783
%RSD 1.6243

#1 4.8727
#2 4.7621

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.4	47023.	4021.2	91.142	3578.4
Stddev	11.4	170.	35.2	3.924	3.2
%RSD	.30859	.36062	.87642	4.3059	.09026

#1	3670.3	46903.	3996.3	88.367	3576.1
#2	3686.4	47143.	4046.1	93.917	3580.6

Sample Name: J6208-22 Acquired: 12/5/2018 21:44:32 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00912	-.00228	.00976	-.00206	-.00017	3.8861	.01369	-.00009
Stddev	.00022	.00075	.00086	.00340	.00054	.0439	.00008	.00004
%RSD	2.4007	32.809	8.8155	164.95	320.09	1.1284	.55901	47.340

#1	.00927	-.00281	.00915	.00034	-.00055	3.8551	.01364	-.00012
#2	.00896	-.00175	.01037	-.00446	.00021	3.9172	.01375	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.69909	.00484	-.00026	.08499	.26337	.00556	.03245
Stddev	.00005	.01647	.00029	.00018	.00019	.00094	.00009	.04729
%RSD	3329.3	2.3562	6.0989	70.499	.22345	.35880	1.7034	145.72

#1	.00003	.71074	.00463	-.00039	.08512	.26270	.00562	.06589
#2	-.00004	.68744	.00505	-.00013	.08485	.26404	.00549	-.00099

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	.00183	625.16	.01974	.04290	1.2419	.00132	.00404
Stddev	.00032	.00030	4.81	.00033	.00087	.0073	.00003	.00156
%RSD	35.009	16.186	.76868	1.6649	2.0189	.59075	2.1300	38.626

#1	.00114	.00204	628.56	.01997	.04351	1.2367	.00134	.00514
#2	.00069	.00162	621.76	.01950	.04228	1.2471	.00130	.00294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34536	4.2293	.00305	.01300	.00842	.4518	.00585	4.2839
Stddev	.00357	.0326	.00003	.00072	.00171	.0028	.00007	.0542
%RSD	1.0344	.77046	1.1133	5.5298	20.288	.6237	1.2267	1.2645

#1	.34789	4.2523	.00307	.01350	.00722	.4538	.00580	4.3222
#2	.34283	4.2063	.00302	.01249	.00963	.4498	.00590	4.2456

Sample Name: J6208-22 Acquired: 12/5/2018 21:44:32 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.3084
 Stddev .1493
 %RSD 4.5135

#1 3.4140
 #2 3.2028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3689.7	46987.	4019.6	92.100	3611.7
Stddev	17.6	30.	20.4	1.626	20.0
%RSD	.47587	.06403	.50872	1.7658	.55426

#1	3677.3	46965.	4005.1	90.950	3597.5
#2	3702.1	47008.	4034.0	93.250	3625.8

Sample Name: J6210-08 Acquired: 12/5/2018 21:48:41 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-1-112918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01875	-.00277	.00301	.00315	.00048	8.8215	.01277	-.00001
Stddev	.00150	.00174	.00012	.00113	.00052	.0001	.00059	.00004
%RSD	8.0134	62.849	3.9834	35.731	108.94	.00104	4.6231	378.10

#1	.01769	-.00154	.00310	.00236	.00084	8.8216	.01318	-.00004
#2	.01982	-.00400	.00293	.00395	.00011	8.8214	.01235	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	.41302	.00168	-.00032	.20999	.14214	.00117	.00382
Stddev	.00001	.00591	.00020	.00016	.00026	.00392	.00008	.05708
%RSD	4.9513	1.4318	11.717	50.449	.12388	2.7576	6.7268	1494.6

#1	-.00014	.40884	.00154	-.00043	.20981	.14491	.00123	-.03654
#2	-.00014	.41721	.00182	-.00020	.21018	.13937	.00112	.04418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00149	.00053	648.62	.02613	.02074	1.2703	.00192	-.00620
Stddev	.00003	.00007	3.56	.00021	.00058	.0055	.00002	.00100
%RSD	2.1742	13.381	.54877	.78706	2.8166	.43441	1.2437	16.115

#1	-.00152	.00048	646.11	.02628	.02033	1.2742	.00194	-.00690
#2	-.00147	.00058	651.14	.02599	.02115	1.2664	.00191	-.00549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80645	4.6153	.00199	.01004	.01040	1.267	.00323	4.2684
Stddev	.00761	.0221	.00037	.00335	.00040	.000	.00017	.0010
%RSD	.94317	.47833	18.553	33.339	3.8136	.0134	5.2353	.02380

#1	.80107	4.5997	.00225	.01241	.01012	1.267	.00311	4.2677
#2	.81183	4.6309	.00172	.00767	.01068	1.267	.00335	4.2691

Sample Name: J6210-08 Acquired: 12/5/2018 21:48:41 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-1-112918 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6826
 Stddev .3989
 %RSD 10.831

#1 3.4006
 #2 3.9647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.9	47032.	4032.3	94.175	3580.1
Stddev	10.3	22.	8.7	2.487	26.7
%RSD	.27855	.04740	.21538	2.6405	.74712

#1	3698.1	47016.	4038.4	95.933	3599.0
#2	3683.6	47048.	4026.1	92.417	3561.2

Sample Name: J6210-10 Acquired: 12/5/2018 21:52:51 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: C-2-112918 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.00248	-.00095	.00260	-.00012	4.4636	.01434	.00001
Stddev	.00080	.00083	.00041	.00166	.00135	.0081	.00040	.00002
%RSD	26.886	33.352	43.498	63.583	1142.2	.18215	2.7975	149.60

#1	.00356	-.00306	-.00125	.00377	-.00108	4.4579	.01462	-.00000
#2	.00242	-.00189	-.00066	.00143	.00084	4.4694	.01405	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.77892	.00095	-.00037	.00219	.00973	.00056	.00651
Stddev	.00001	.00798	.00018	.00021	.00009	.00842	.00002	.01794
%RSD	12.121	1.0249	19.299	57.835	4.1011	86.508	3.3232	275.54

#1	-.00009	.77328	.00082	-.00052	.00225	.01569	.00058	.01919
#2	-.00011	.78457	.00108	-.00022	.00213	.00378	.00055	-.00617

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00017	653.35	.02485	.01652	.42106	.00190	-.00253
Stddev	.00010	.00031	8.06	.00073	.00019	.00632	.00015	.00076
%RSD	5.5178	184.41	1.2341	2.9334	1.1778	1.5007	8.1366	29.815

#1	-.00166	.00005	647.65	.02536	.01665	.41659	.00179	-.00200
#2	-.00180	-.00039	659.06	.02433	.01638	.42553	.00200	-.00307

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41762	4.0511	-.00150	.00308	.00754	.2824	.00290	4.3007
Stddev	.00010	.0160	.00024	.00247	.00086	.0010	.00002	.0684
%RSD	.02396	.39437	15.852	80.421	11.434	.3374	.82401	1.5907

#1	.41755	4.0624	-.00167	.00133	.00693	.2817	.00288	4.2523
#2	.41769	4.0398	-.00133	.00482	.00815	.2831	.00292	4.3490

Sample Name: J6210-10 Acquired: 12/5/2018 21:52:51 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: C-2-112918 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6696
 Stddev .2695
 %RSD 7.3447

#1 3.4790
 #2 3.8601

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3680.5	47014.	4042.1	92.954	3589.1
Stddev	6.1	246.	6.9	.147	1.2
%RSD	.16669	.52303	.17167	.15848	.03243

#1	3676.1	46840.	4037.2	92.850	3589.9
#2	3684.8	47187.	4047.0	93.058	3588.3

Sample Name: J6219-04 Acquired: 12/5/2018 21:57:02 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00333	-.00083	.00157	.00175	-.00111	.14501	.09763	-.00008
Stddev	.00018	.00031	.00058	.00540	.00036	.00531	.00069	.00006
%RSD	5.4227	37.041	36.775	308.88	32.123	3.6632	.70274	78.989

#1	-.00346	-.00061	.00116	.00556	-.00136	.14877	.09812	-.00012
#2	-.00320	-.00105	.00198	-.00207	-.00086	.14125	.09715	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	4.1438	.00079	.00250	.01692	.39275	.06851	.30072
Stddev	.00003	.0459	.00008	.00002	.00058	.00091	.00017	.03380
%RSD	34.789	1.1076	9.9890	.85374	3.4086	.23232	.24567	11.241

#1	-.00009	4.1113	.00085	.00249	.01651	.39339	.06839	.32462
#2	-.00006	4.1762	.00074	.00252	.01733	.39210	.06863	.27682

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00225	-.00034	271.84	.00064	.36186	.30460	.00018	.00276
Stddev	.00021	.00053	.83	.00042	.00500	.02531	.00019	.00165
%RSD	9.4131	156.53	.30695	65.521	1.3810	8.3107	109.85	59.670

#1	.00240	.00004	272.43	.00035	.36539	.28670	.00031	.00392
#2	.00210	-.00071	271.25	.00094	.35832	.32250	.00004	.00160

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07412	.46364	-.00239	.00145	.00520	.0024	.01537	3.4654
Stddev	.00426	.00351	.00105	.00119	.00099	.0012	.00002	.0492
%RSD	5.7505	.75625	43.849	82.338	19.054	51.72	.13257	1.4186

#1	.07713	.46116	-.00313	.00229	.00590	.0033	.01538	3.5002
#2	.07111	.46612	-.00165	.00061	.00450	.0015	.01535	3.4307

Sample Name: J6219-04 Acquired: 12/5/2018 21:57:02 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3063
 Stddev .2677
 %RSD 11.605

#1 2.1170
 #2 2.4956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.4	49262.	4055.5	93.838	3820.1
Stddev	11.9	56.	20.4	1.078	9.0
%RSD	.31249	.11442	.50358	1.1492	.23461

#1	3792.0	49222.	4041.0	93.075	3826.5
#2	3808.8	49302.	4069.9	94.600	3813.8

Sample Name: J6219-10 Acquired: 12/5/2018 22:01:11 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00595	-.00212	-.00091	.00309	-.00191	.04469	.40706	-.00005
Stddev	.00240	.00070	.00119	.00256	.00098	.01925	.00185	.00005
%RSD	40.349	33.093	130.90	82.747	51.257	43.067	.45353	91.555

#1	-.00425	-.00262	-.00174	.00491	-.00122	.03108	.40837	-.00002
#2	-.00765	-.00162	-.00007	.00128	-.00260	.05830	.40576	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	20.830	.00065	.00083	.02314	.02224	.10009	1.9685
Stddev	.00004	.100	.00024	.00007	.00035	.00400	.00005	.0017
%RSD	49.672	.48044	36.348	8.6160	1.5003	18.001	.05239	.08789

#1	.00010	20.759	.00082	.00088	.02339	.02507	.10005	1.9673
#2	.00005	20.900	.00048	.00078	.02290	.01941	.10012	1.9697

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	-.00030	207.55	.00033	.37573	1.1577	.00030	.12646
Stddev	.00031	.00004	1.11	.00023	.01253	.0007	.00016	.00091
%RSD	45.022	15.017	.53615	67.871	3.3359	.05987	52.417	.72044

#1	.00046	-.00033	208.33	.00049	.38459	1.1582	.00019	.12710
#2	.00090	-.00027	206.76	.00017	.36687	1.1572	.00041	.12581

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72981	.68866	-.00229	-.00195	.00469	.0063	.12207	3.2960
Stddev	.00443	.00780	.00125	.00225	.00107	.0013	.00097	.0906
%RSD	.60638	1.1327	54.678	115.31	22.705	20.58	.79534	2.7487

#1	.72668	.69418	-.00141	-.00355	.00394	.0054	.12138	3.3600
#2	.73294	.68315	-.00318	-.00036	.00545	.0072	.12276	3.2319

Sample Name: J6219-10 Acquired: 12/5/2018 22:01:11 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NM-342-135-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7526
 Stddev .3101
 %RSD 17.695

#1 1.9719
 #2 1.5334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3823.8	49523.	4092.4	92.994	3859.3
Stddev	3.9	175.	20.6	2.805	1.1
%RSD	.10206	.35377	.50276	3.0163	.02854

#1	3821.0	49399.	4077.8	91.010	3858.6
#2	3826.6	49647.	4106.9	94.977	3860.1

Sample Name: CCV12 Acquired: 12/5/2018 22:05:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14280 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9650	4.9526	4.9572	4.9305	4.9908	9.8101	10.112	.24928
Stddev	.0044	.0158	.0171	.0034	.0099	.0698	.030	.00068
%RSD	.08915	.31831	.34443	.06946	.19775	.71179	.29894	.27338

#1	4.9619	4.9637	4.9692	4.9329	4.9978	9.7607	10.091	.24879
#2	4.9681	4.9414	4.9451	4.9281	4.9838	9.8594	10.133	.24976

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4510	25.758	1.0120	2.4603	1.2547	4.8825	2.5256	25.157
Stddev	.0064	.269	.0016	.0057	.0014	.0753	.0008	.022
%RSD	.26163	1.0461	.15972	.23159	.11594	1.5428	.03166	.08600

#1	2.4555	25.567	1.0109	2.4643	1.2557	4.8293	2.5250	25.172
#2	2.4464	25.949	1.0132	2.4562	1.2537	4.9358	2.5262	25.142

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4497	1.2338	25.048	2.4759	2.5305	25.055	5.0463	5.0185
Stddev	.0061	.0005	.027	.0018	.0383	.084	.0074	.0228
%RSD	.24730	.03799	.10869	.07272	1.5134	.33671	.14701	.45417

#1	2.4540	1.2341	25.067	2.4746	2.5034	24.995	5.0516	5.0023
#2	2.4454	1.2335	25.029	2.4772	2.5576	25.115	5.0411	5.0346

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7553	5.1027	4.8751	4.9930	5.0264	4.893	5.1631	F 2.9829
Stddev	.0259	.0256	.0052	.0149	.0139	.005	.0261	.0013
%RSD	.54415	.50231	.10652	.29816	.27614	.1041	.50624	.04237

#1	4.7736	5.0846	4.8787	4.9825	5.0165	4.897	5.1447	2.9838
#2	4.7370	5.1208	4.8714	5.0035	5.0362	4.890	5.1816	2.9820

Sample Name: CCV12 Acquired: 12/5/2018 22:05:13 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14280 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2169
Stddev	.7612
%RSD	23.663

#1	3.7551
#2	2.6786

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3896.6	51062.	4060.1	91.544	3856.2
Stddev	1.5	2.	8.2	1.485	10.8
%RSD	.03769	.00339	.20084	1.6219	.28101

#1	3895.6	51061.	4065.8	92.594	3848.5
#2	3897.6	51063.	4054.3	90.494	3863.9

Sample Name: CCB12 Acquired: 12/5/2018 22:08:59 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14280 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	.00084	-.00088	-.00310	-.00151	-.00078	.00206
Stddev	.00229	.00008	.00062	.00076	.00017	.01198	.00008
%RSD	144.17	9.7765	70.382	24.640	11.000	1528.2	4.0033

#1	-.00320	.00090	-.00044	-.00364	-.00140	.00769	.00200
#2	.00003	.00079	-.00131	-.00256	-.00163	-.00926	.00212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	-.02565	-.00013	.00007	-.00054	-.00334
Stddev	.00003	.00002	.01430	.00024	.00007	.00055	.00835
%RSD	82.792	76.449	55.736	186.85	92.467	101.64	249.90

#1	.00006	.00003	-.01554	-.00030	.00002	-.00015	-.00925
#2	.00002	.00001	-.03576	.00004	.00012	-.00092	.00256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.03162	.00048	-.00011	.23774	.00003	-.00077
Stddev	.00004	.00241	.00002	.00033	.00002	.00019	.00011
%RSD	70.492	7.6169	4.2661	290.54	.00645	742.32	14.527

#1	.00008	-.02991	.00050	-.00035	.23775	.00016	-.00069
#2	.00003	-.03332	.00047	.00012	.23773	-.00011	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02412	.00044	-.01398	F -.01415	.00083	-.00140	.00143
Stddev	.00017	.00012	.00174	.00096	.00103	.00027	.00307
%RSD	.68574	27.428	12.449	6.7574	124.20	19.595	215.24

#1	-.02400	.00052	-.01521	-.01347	.00155	-.00120	.00360
#2	-.02423	.00035	-.01275	-.01483	.00010	-.00159	-.00074

Sample Name: CCB12 Acquired: 12/5/2018 22:08:59 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14280 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00070	-0.0002	-0.00008	F 1.8108	F<.00000
Stddev	.00039	.0000	.00015	.1972	.20574
%RSD	54.803	9.323	178.83	10.891	62.223

#1	-0.00043	-0.0002	-0.00019	1.9502	-.47613
#2	-0.00098	-0.0002	.00002	1.6713	-.18517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.2	53557.	4103.2	94.983	4428.2
Stddev	2.2	694.	29.1	.943	.4
%RSD	.05362	1.2952	.70961	.99260	.00989

#1	4052.6	53066.	4082.6	95.650	4428.5
#2	4055.7	54047.	4123.8	94.317	4427.9

Sample Name: J6233-02 Acquired: 12/5/2018 22:13:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08371	-.00227	.00020	-.00193	-.00123	18.120	.00812	-.00003
Stddev	.00201	.00189	.00160	.00316	.00111	.180	.00023	.00004
%RSD	2.4068	83.100	805.53	163.76	90.460	.99545	2.8700	137.29

#1	.08514	-.00094	-.00093	.00030	-.00044	17.993	.00796	-.00006
#2	.08229	-.00361	.00133	-.00416	-.00201	18.248	.00829	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00581	.00565	-.00039	.00080	.03486	.00052	.00347
Stddev	.00008	.00651	.00013	.00005	.00003	.00432	.00012	.02220
%RSD	279.33	111.94	2.3653	11.853	3.6881	12.386	22.645	639.59

#1	.00003	.00121	.00556	-.00036	.00082	.03181	.00060	-.01223
#2	-.00008	.01041	.00575	-.00042	.00078	.03792	.00043	.01917

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00017	674.87	.03358	.00207	1.9138	.01419	-.00880
Stddev	.00007	.00028	.96	.00031	.00003	.0290	.00002	.01288
%RSD	22.424	168.50	.14258	.93012	1.3820	1.5131	.14022	146.31

#1	-.00034	-.00003	675.55	.03336	.00205	1.8934	.01418	-.01790
#2	-.00025	.00036	674.19	.03380	.00209	1.9343	.01420	.00030

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74078	3.6672	-.00150	.00378	.00146	5.835	.00027	4.3922
Stddev	.00212	.0067	.00029	.00154	.00056	.006	.00014	.0543
%RSD	.28677	.18315	19.293	40.728	38.677	.1081	50.938	1.2352

#1	.74229	3.6720	-.00170	.00269	.00186	5.839	.00037	4.3539
#2	.73928	3.6625	-.00129	.00487	.00106	5.830	.00017	4.4306

Sample Name: J6233-02 Acquired: 12/5/2018 22:13:05 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .97488
Stddev .42164
%RSD 43.251

#1 .67673
#2 1.2730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.0	46830.	4005.4	92.754	3586.0
Stddev	21.3	135.	23.1	1.349	13.0
%RSD	.57148	.28736	.57688	1.4548	.36307

#1	3711.0	46925.	3989.1	93.708	3576.8
#2	3741.1	46735.	4021.7	91.800	3595.2

Sample Name: J6233-04 Acquired: 12/5/2018 22:17:14 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01823	-.00415	.00041	.00376	-.00074	11.531	.01221	-.00007
Stddev	.00241	.00228	.00008	.00028	.00120	.163	.00025	.00002
%RSD	13.201	54.828	20.809	7.3312	162.19	1.4154	2.0634	22.660

#1	.01993	-.00576	.00035	.00356	-.00159	11.647	.01239	-.00008
#2	.01652	-.00254	.00047	.00395	.00011	11.416	.01203	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.03342	.00161	-.00023	.00114	.37036	.00180	-.00450
Stddev	.00003	.00061	.00027	.00042	.00000	.00295	.00006	.00279
%RSD	23.421	1.8340	16.709	178.37	.15414	.79654	3.1027	62.068

#1	-.00011	.03385	.00180	-.00053	.00114	.37244	.00176	-.00647
#2	-.00015	.03298	.00142	.00006	.00114	.36827	.00184	-.00252

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00013	688.35	.02018	.00395	.41120	.00104	-.00740
Stddev	.00025	.00002	3.50	.00064	.00008	.04569	.00011	.01170
%RSD	16.261	18.235	.50917	3.1698	2.1182	11.111	10.768	158.10

#1	-.00137	-.00011	690.83	.02063	.00401	.37889	.00112	-.01568
#2	-.00173	-.00014	685.88	.01973	.00389	.44350	.00096	.00087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75163	6.4398	-.00118	.00273	.00968	.7724	.00006	4.4396
Stddev	.00151	.0755	.00019	.00488	.00225	.0033	.00012	.2099
%RSD	.20048	1.1726	15.752	178.69	23.270	.4238	201.77	4.7287

#1	.75056	6.3864	-.00105	.00618	.00809	.7701	-.00002	4.5881
#2	.75269	6.4931	-.00131	-.00072	.01128	.7747	.00014	4.2912

Sample Name: J6233-04 Acquired: 12/5/2018 22:17:14 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0073
 Stddev .2490
 %RSD 6.2141

#1 3.8312
 #2 4.1834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.1	46480.	4035.2	91.113	3543.1
Stddev	1.3	346.	27.2	1.385	7.1
%RSD	.03537	.74400	.67441	1.5198	.20006

#1	3672.1	46235.	4054.5	90.133	3548.1
#2	3674.0	46724.	4016.0	92.092	3538.1

Sample Name: J6213-02 Acquired: 12/5/2018 22:21:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.00161	-.00187	.00030	-.00171	-.00087	.01326	.00004
Stddev	.00114	.00085	.00045	.00001	.00002	.00063	.00034	.00001
%RSD	64.873	52.701	24.056	3.7327	1.0006	72.628	2.5348	28.213

#1	.00095	.00101	-.00155	.00029	-.00172	-.00042	.01302	.00005
#2	.00256	.00221	-.00219	.00031	-.00170	-.00131	.01349	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	24.235	.00004	-.00009	.00048	.04720	.00228	5.3370
Stddev	.00000	.219	.00009	.00023	.00008	.00144	.00001	.0504
%RSD	1.0519	.90358	253.47	270.73	15.978	3.0579	.35744	.94481

#1	.00005	24.389	.00010	.00008	.00043	.04822	.00227	5.3726
#2	.00005	24.080	-.00003	-.00025	.00054	.04618	.00228	5.3013

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00028	20.628	.00038	-.00051	1.5457	-.00004	.00177
Stddev	.00004	.00020	.086	.00013	.00011	.0281	.00013	.00580
%RSD	8.0573	73.125	.41602	33.231	21.242	1.8201	320.76	327.50

#1	.00052	-.00014	20.689	.00048	-.00058	1.5258	.00005	-.00233
#2	.00058	-.00043	20.567	.00029	-.00043	1.5656	-.00013	.00587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1574	2.9153	-.00388	.00115	-.00812	.0298	.11044	.80408
Stddev	.0249	.0296	.00016	.00063	.00059	.0012	.00048	.08109
%RSD	.78992	1.0138	4.0501	54.577	7.2303	4.076	.43880	10.085

#1	3.1398	2.9362	-.00377	.00070	-.00770	.0307	.11078	.74674
#2	3.1751	2.8944	-.00399	.00159	-.00853	.0290	.11010	.86142

Sample Name: J6213-02 Acquired: 12/5/2018 22:21:24 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1977
Stddev .8700
%RSD 72.640

#1 1.8129
#2 .58250

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.1	56723.	4424.0	105.51	4625.4
Stddev	12.8	61.	34.0	2.94	5.0
%RSD	.29653	.10712	.76909	2.7875	.10733

#1	4310.1	56680.	4400.0	107.59	4628.9
#2	4292.1	56766.	4448.1	103.43	4621.9

Sample Name: J6213-03 Acquired: 12/5/2018 22:25:27 Type: Unk
Method: P4-ICP2(v2631) 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	.00033	.00093	-.00127	.00035	-.00383	.00391	.01334	.00005
Stddev	.00033	.00006	.00040	.00003	.00066	.02607	.00034	.00001
%RSD	99.414	6.1923	31.105	8.3868	17.341	667.23	2.5188	29.985

#1	.00057	.00097	-.00099	.00033	-.00336	.02234	.01310	.00004
#2	.00010	.00089	-.00155	.00037	-.00429	-.01453	.01357	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	23.898	.00019	-.00008	.00048	.05616	.00229	5.1760
Stddev	.00005	.243	.00001	.00005	.00007	.01231	.00004	.1132
%RSD	1117.0	1.0158	4.1647	67.360	14.579	21.912	1.7149	2.1861

#1	.00004	23.727	.00019	-.00011	.00043	.06486	.00232	5.0960
#2	-.00003	24.070	.00020	-.00004	.00053	.04746	.00227	5.2560

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00014	19.642	.00076	-.00058	1.5177	.00020	.01025
Stddev	.00000	.00000	.055	.00005	.00002	.0258	.00003	.00313
%RSD	.69012	.38576	.27782	7.0016	4.2871	1.7016	13.165	30.480

#1	.00067	-.00014	19.680	.00079	-.00056	1.5360	.00022	.00804
#2	.00066	-.00014	19.603	.00072	-.00060	1.4995	.00018	.01247

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1244	2.8599	-.00425	.00109	-.00745	.0313	.10939	.88221
Stddev	.0180	.0146	.00040	.00056	.00120	.0008	.00061	.07970
%RSD	.57745	.51182	9.3797	51.571	16.178	2.533	.55688	9.0341

#1	3.1116	2.8702	-.00397	.00149	-.00830	.0319	.10896	.93857
#2	3.1372	2.8495	-.00454	.00070	-.00660	.0308	.10982	.82586

Sample Name: J6213-03 Acquired: 12/5/2018 22:25:27 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .92721
Stddev .42459
%RSD 45.793

#1 1.2274
#2 .62698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4276.0	56195.	4436.2	104.81	4599.5
Stddev	15.7	15.	16.5	.63	.2
%RSD	.36735	.02738	.37297	.60234	.00472

#1	4287.1	56206.	4424.5	105.26	4599.3
#2	4264.9	56184.	4447.9	104.37	4599.6

Sample Name: J6213-04 Acquired: 12/5/2018 22:29:31 Type: Unk
Method: P4-ICP2(v2631) 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	.00100	-.00211	-.00234	-.00319	.01311	.01333	.00005
Stddev	.00131	.00046	.00051	.00119	.00122	.00093	.00063	.00005
%RSD	243.45	46.352	23.913	50.832	38.183	7.1254	4.7286	108.76

#1	.00039	.00067	-.00247	-.00150	-.00233	.01377	.01378	.00008
#2	-.00146	.00133	-.00176	-.00319	-.00405	.01245	.01288	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	24.091	-.00006	-.00004	.00072	.04941	.00229	5.0752
Stddev	.00002	.138	.00011	.00010	.00004	.00798	.00001	.0758
%RSD	1634.1	.57229	167.93	249.73	5.1426	16.146	.38234	1.4928

#1	.00002	23.993	.00001	.00003	.00070	.04377	.00229	5.0216
#2	-.00002	24.188	-.00014	-.00011	.00075	.05506	.00228	5.1288

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00041	18.829	.00040	-.00030	1.5318	.00011	.00216
Stddev	.00007	.00048	.016	.00032	.00003	.0278	.00003	.00615
%RSD	8.5376	115.40	.08589	79.013	10.016	1.8124	25.338	285.10

#1	.00080	-.00075	18.840	.00062	-.00028	1.5121	.00013	-.00219
#2	.00090	-.00008	18.817	.00018	-.00032	1.5514	.00009	.00651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0518	2.8868	-.00407	.00076	-.00740	.0298	.10978	.92728
Stddev	.0010	.0076	.00020	.00281	.00148	.0005	.00095	.16342
%RSD	.03223	.26436	4.8201	369.04	20.041	1.623	.86540	17.624

#1	3.0511	2.8922	-.00393	-.00123	-.00845	.0295	.10911	.81172
#2	3.0525	2.8814	-.00420	.00275	-.00635	.0301	.11046	1.0428

Sample Name: J6213-04 Acquired: 12/5/2018 22:29:31 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2636
 Stddev .8606
 %RSD 68.103

#1 .65512
 #2 1.8721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4259.0	56060.	4425.1	105.51	4594.3
Stddev	1.1	31.	7.4	2.14	3.6
%RSD	.02499	.05562	.16692	2.0309	.07860

#1	4259.8	56038.	4430.3	104.00	4596.8
#2	4258.3	56082.	4419.9	107.03	4591.7

Sample Name: J6213-05 Acquired: 12/5/2018 22:33:34 Type: Unk
Method: P4-ICP2(v2631) 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	.00019	-.00005	-.00159	.00060	-.00372	.00799	.01377	.00008
Stddev	.00084	.00110	.00046	.00572	.00134	.00776	.00029	.00001
%RSD	436.76	2175.8	28.623	955.80	36.008	97.065	2.1051	9.8307

#1	-.00040	.00073	-.00127	-.00345	-.00277	.00251	.01357	.00008
#2	.00079	-.00083	-.00191	.00465	-.00467	.01348	.01398	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	24.163	.00013	-.00014	.00050	.04054	.00229	5.0162
Stddev	.00002	.190	.00025	.00001	.00041	.00209	.00001	.0118
%RSD	53.162	.78556	193.23	10.359	82.628	5.1574	.45149	.23485

#1	-.00002	24.028	.00030	-.00013	.00021	.04202	.00229	5.0245
#2	-.00005	24.297	-.00005	-.00015	.00079	.03906	.00230	5.0078

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	-.00038	18.690	.00055	.00007	1.5035	.00011	.00253
Stddev	.00003	.00037	.059	.00008	.00013	.0024	.00018	.00612
%RSD	4.3277	95.225	.31601	14.479	178.97	.15620	162.17	241.96

#1	.00060	-.00013	18.648	.00060	.00016	1.5052	-.00002	-.00180
#2	.00064	-.00064	18.732	.00049	-.00002	1.5018	.00024	.00685

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0593	2.8867	-.00365	-.00056	-.00847	.0318	.10968	1.2503
Stddev	.0055	.0154	.00038	.00121	.00032	.0000	.00071	.1155
%RSD	.18037	.53162	10.279	215.86	3.8138	.1372	.64740	9.2413

#1	3.0632	2.8758	-.00391	.00030	-.00824	.0318	.10917	1.1686
#2	3.0554	2.8975	-.00338	-.00142	-.00870	.0318	.11018	1.3320

Sample Name: J6213-05 Acquired: 12/5/2018 22:33:34 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7089
 Stddev .3306
 %RSD 19.348

#1 1.4751
 #2 1.9427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4239.7	55730.	4423.2	105.38	4570.4
Stddev	7.9	183.	24.2	3.64	2.0
%RSD	.18661	.32802	.54815	3.4585	.04449

#1	4234.1	55859.	4440.3	102.80	4569.0
#2	4245.3	55600.	4406.0	107.95	4571.8

Sample Name: J6213-06 Acquired: 12/5/2018 22:37:37 Type: Unk
Method: P4-ICP2(v2631) 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	.00109	.00104	-.00235	.00080	-.00268	-.00900	.01339	.00006
Stddev	.00121	.00017	.00019	.00024	.00026	.00613	.00010	.00003
%RSD	110.47	16.625	8.1673	29.947	9.7457	68.115	.73438	41.889

#1	.00024	.00116	-.00248	.00063	-.00287	-.00466	.01332	.00004
#2	.00194	.00092	-.00221	.00096	-.00250	-.01333	.01346	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	24.081	.00003	-.00005	.00042	.04658	.00205	5.1301
Stddev	.00003	.004	.00037	.00014	.00036	.00722	.00001	.0338
%RSD	172.44	.01865	1172.5	282.68	84.626	15.507	.53195	.65845

#1	.00000	24.077	.00030	-.00015	.00017	.04147	.00206	5.1540
#2	-.00003	24.084	-.00023	.00005	.00067	.05169	.00204	5.1062

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00019	18.791	.00037	-.00058	1.4772	.00032	.00072
Stddev	.00011	.00041	.068	.00017	.00007	.0317	.00014	.01009
%RSD	16.141	222.49	.36332	46.792	11.763	2.1472	43.342	1393.1

#1	.00061	.00011	18.840	.00049	-.00054	1.4548	.00022	-.00641
#2	.00077	-.00048	18.743	.00025	-.00063	1.4997	.00042	.00786

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0699	2.8629	-.00420	-.00029	-.00854	.0316	.10925	.94212
Stddev	.0054	.0241	.00013	.00190	.00106	.0009	.00040	.06900
%RSD	.17458	.84046	3.1133	665.10	12.437	2.690	.36201	7.3242

#1	3.0737	2.8799	-.00411	.00106	-.00929	.0322	.10897	.89333
#2	3.0661	2.8459	-.00429	-.00163	-.00779	.0310	.10953	.99092

Sample Name: J6213-06 Acquired: 12/5/2018 22:37:37 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9682
 Stddev .0605
 %RSD 3.0752

#1 1.9254
 #2 2.0109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4233.9	55752.	4401.5	103.86	4565.5
Stddev	2.0	18.	42.8	.35	7.7
%RSD	.04801	.03213	.97156	.33728	.16873

#1	4235.4	55764.	4371.2	104.10	4571.0
#2	4232.5	55739.	4431.7	103.61	4560.1

Sample Name: J6213-07 Acquired: 12/5/2018 22:41:41 Type: Unk
Method: P4-ICP2(v2631) 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	-.00032	.00079	-.00138	-.00251	-.00279	.00536	.01233	.00003
Stddev	.00037	.00058	.00005	.00086	.00109	.00367	.00007	.00001
%RSD	113.41	73.658	3.3031	34.311	39.004	68.537	.58355	55.060

#1	-.00058	.00038	-.00141	-.00311	-.00357	.00795	.01238	.00002
#2	-.00006	.00121	-.00135	-.00190	-.00202	.00276	.01228	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	23.981	-.00016	-.00015	.00085	.05360	.00285	5.1989
Stddev	.00006	.030	.00005	.00011	.00035	.01067	.00003	.0186
%RSD	74.053	.12491	33.779	72.797	40.865	19.900	1.1100	.35844

#1	.00012	24.002	-.00012	-.00022	.00060	.04606	.00282	5.2121
#2	.00004	23.960	-.00020	-.00007	.00109	.06114	.00287	5.1858

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00001	19.319	.00048	.00006	1.4935	.00006	-.00094
Stddev	.00010	.00004	.038	.00012	.00007	.0163	.00012	.00443
%RSD	11.490	345.36	.19698	24.705	107.16	1.0893	192.65	473.43

#1	.00090	-.00004	19.346	.00040	.00002	1.4820	.00015	-.00407
#2	.00076	.00001	19.292	.00056	.00011	1.5050	-.00002	.00220

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1101	2.8734	-.00366	-.00007	-.00880	.0308	.11007	1.1921
Stddev	.0166	.0144	.00063	.00075	.00123	.0018	.00040	.0476
%RSD	.53448	.50293	17.226	1007.3	13.980	5.867	.36501	3.9964

#1	3.0984	2.8632	-.00411	.00046	-.00967	.0296	.11036	1.1584
#2	3.1219	2.8836	-.00321	-.00061	-.00793	.0321	.10979	1.2258

Sample Name: J6213-07 Acquired: 12/5/2018 22:41:41 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .54635
Stddev .27800
%RSD 50.882

#1 .74293
#2 .34978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4237.1	55435.	4407.7	104.11	4561.6
Stddev	3.2	146.	7.1	.51	9.4
%RSD	.07462	.26289	.16118	.48809	.20565

#1	4239.3	55538.	4412.8	104.47	4568.3
#2	4234.8	55332.	4402.7	103.75	4555.0

Sample Name: J6213-08 Acquired: 12/5/2018 22:45:44 Type: Unk
Method: P4-ICP2(v2631) 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	.00084	-.00262	-.00032	-.00275	-.00107	.01353	.00002
Stddev	.00131	.00004	.00008	.00265	.00102	.00706	.00020	.00002
%RSD	241.73	4.4942	2.9503	839.21	37.199	661.77	1.4913	91.704

#1	.00147	.00081	-.00256	-.00219	-.00203	.00392	.01339	.00004
#2	-.00038	.00087	-.00267	.00156	-.00348	-.00606	.01368	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	24.200	.00022	-.00012	.00060	.04962	.00272	5.0620
Stddev	.00002	.053	.00029	.00018	.00022	.00128	.00004	.0028
%RSD	314.34	.21950	129.91	148.17	36.629	2.5705	1.3283	.05478

#1	.00001	24.162	.00043	-.00025	.00044	.04872	.00269	5.0640
#2	-.00002	24.238	.00002	.00001	.00075	.05053	.00274	5.0600

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	-.00029	18.226	.00068	-.00056	1.4866	.00010	.00623
Stddev	.00009	.00028	.075	.00025	.00003	.0118	.00003	.00216
%RSD	13.237	94.213	.41269	37.107	5.4033	.79478	27.886	34.712

#1	.00063	-.00010	18.280	.00050	-.00058	1.4950	.00012	.00776
#2	.00076	-.00049	18.173	.00086	-.00054	1.4782	.00008	.00470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0471	2.9239	-.00431	.00067	-.01020	.0307	.11014	1.1466
Stddev	.0092	.0228	.00049	.00128	.00104	.0003	.00027	.0104
%RSD	.30280	.78110	11.425	190.43	10.151	1.097	.24352	.90965

#1	3.0536	2.9400	-.00466	.00157	-.01093	.0309	.10995	1.1539
#2	3.0406	2.9077	-.00396	-.00023	-.00947	.0304	.11033	1.1392

Sample Name: J6213-08 Acquired: 12/5/2018 22:45:44 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1754
 Stddev .2943
 %RSD 25.039

#1 .96732
 #2 1.3835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4235.4	55537.	4367.1	103.64	4563.2
Stddev	3.5	97.	5.1	3.30	8.9
%RSD	.08350	.17510	.11582	3.1869	.19512

#1	4232.9	55468.	4363.5	105.98	4556.9
#2	4237.9	55605.	4370.7	101.31	4569.5

Sample Name: J6225-02 Acquired: 12/5/2018 22:49:48 Type: Unk
Method: P4-ICP2(v2631) 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	.00044	-.00026	-.00014	.00094	-.00377	.00289	.01584	.00006
Stddev	.00056	.00023	.00000	.00131	.00050	.00677	.00105	.00011
%RSD	129.73	87.884	1.8180	139.95	13.265	233.91	6.6103	170.79
#1	.00083	-.00010	-.00015	.00001	-.00342	.00768	.01658	.00014
#2	.00004	-.00042	-.00014	.00186	-.00413	-.00189	.01510	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	32.341	-.00041	-.00025	.00008	.02583	.00279	34.620
Stddev	.00002	.102	.00001	.00023	.00039	.00618	.00005	.240
%RSD	236.27	.31406	2.3425	92.774	485.53	23.940	1.6210	.69384
#1	.00000	32.269	-.00041	-.00009	-.00020	.02146	.00275	34.451
#2	-.00002	32.413	-.00042	-.00042	.00036	.03020	.00282	34.790
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	-.00022	260.83	.00099	-.00029	10.817	.00004	.09721
Stddev	.00006	.00045	1.20	.00020	.00003	.010	.00007	.00774
%RSD	6.6361	209.93	.45899	19.696	11.787	.08913	158.92	7.9582
#1	-.00087	.00010	261.68	.00086	-.00027	10.824	-.00001	.09174
#2	-.00096	-.00054	259.98	.00113	-.00032	10.810	.00009	.10268
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.657	2.6429	-.01110	.00043	-.00516	.0330	.27823	2.1034
Stddev	.037	.0018	.00001	.00114	.00062	.0013	.00074	.2302
%RSD	.15472	.06866	.11145	265.95	12.017	4.014	.26637	10.944
#1	23.631	2.6416	-.01111	-.00038	-.00560	.0339	.27876	2.2661
#2	23.683	2.6442	-.01109	.00123	-.00472	.0320	.27771	1.9406

Sample Name: J6225-02 Acquired: 12/5/2018 22:49:48 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8200
Stddev .2584
%RSD 6.7633

#1 3.6373
#2 4.0027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4024.7	51914.	4338.6	101.90	4026.4
Stddev	.3	156.	27.8	1.11	6.5
%RSD	.00827	.29969	.64109	1.0876	.16037

#1	4024.5	51804.	4318.9	102.68	4031.0
#2	4024.9	52024.	4358.2	101.11	4021.8

Sample Name: CCV13 Acquired: 12/5/2018 22:53:57 Type: Unk
Method: P4-ICP2(v2631) 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	4.9786	4.9728	4.9442	4.9543	4.9993	10.048	9.9645	.25044
Stddev	.0024	.0026	.0064	.0208	.0179	.125	.1464	.00043
%RSD	.04783	.05142	.12909	.41966	.35782	1.2461	1.4688	.17006
#1	4.9769	4.9746	4.9397	4.9690	5.0119	9.9592	10.068	.25014
#2	4.9803	4.9709	4.9487	4.9396	4.9866	10.136	9.8610	.25074
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4599	25.671	1.0190	2.4586	1.2582	4.8276	2.5352	25.071
Stddev	.0004	.035	.0030	.0006	.0002	.0461	.0069	.176
%RSD	.01502	.13645	.29331	.02375	.01448	.95570	.27406	.70306
#1	2.4597	25.696	1.0169	2.4582	1.2583	4.7950	2.5303	25.195
#2	2.4602	25.646	1.0211	2.4590	1.2581	4.8603	2.5401	24.946
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4625	1.2384	24.677	2.4936	2.4393	24.938	5.0501	5.0536
Stddev	.0002	.0062	.439	.0078	.0112	.289	.0006	.0850
%RSD	.00760	.50127	1.7773	.31480	.45906	1.1576	.01136	1.6824
#1	2.4623	1.2340	24.987	2.4880	2.4472	25.142	5.0505	5.1138
#2	2.4626	1.2428	24.367	2.4991	2.4313	24.734	5.0497	4.9935
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8211	5.0032	4.9118	5.0063	4.9528	4.916	5.0723	F 3.3420
Stddev	.0091	.0700	.0144	.0404	.0646	.002	.0525	.0335
%RSD	.18862	1.3987	.29314	.80787	1.3048	.0444	1.0350	1.0008
#1	4.8276	5.0527	4.9016	5.0349	4.9985	4.915	5.1094	3.3657
#2	4.8147	4.9537	4.9220	4.9777	4.9071	4.918	5.0351	3.3184

Sample Name: CCV13 Acquired: 12/5/2018 22:53:57 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9301
Stddev .3562
%RSD 12.158

#1 3.1820
#2 2.6782

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.5	50441.	4109.7	94.343	3832.0
Stddev	2.7	105.	52.3	.301	1.8
%RSD	.07009	.20851	1.2724	.31914	.04780

#1	3874.4	50515.	4072.7	94.130	3833.3
#2	3870.6	50367.	4146.7	94.556	3830.7

Sample Name: CCB13 Acquired: 12/5/2018 22:57:43 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00060	.00002	-.00282	-.00046	-.00820	.00183
Stddev	.00118	.00083	.00003	.00209	.00101	.01729	.00047
%RSD	77.902	138.02	184.36	74.142	221.18	210.91	25.884

#1	-.00234	.00001	.00004	-.00134	-.00117	-.02042	.00216
#2	-.00068	.00119	-.00001	-.00429	.00026	.00403	.00149

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.00607	.00032	.00005	-.00021	.00424
Stddev	.00005	.00000	.01278	.00006	.00002	.00056	.00118
%RSD	375.00	8.5078	210.67	18.757	49.560	259.52	27.963

#1	.00002	.00003	.00297	.00027	.00006	.00018	.00507
#2	-.00005	.00003	-.01510	.00036	.00003	-.00061	.00340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00831	.00056	-.00003	.25975	.00040	-.00076
Stddev	.00004	.08364	.00019	.00037	.01447	.00036	.00010
%RSD	54.365	1006.3	33.524	1119.2	5.5706	91.247	12.951

#1	.00005	-.06746	.00069	.00023	.26998	.00065	-.00069
#2	.00011	.05083	.00043	-.00030	.24952	.00014	-.00082

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02583	.00069	-.01386	-.00808	.00268	-.00119	.00118
Stddev	.02599	.00019	.01255	.00225	.00013	.00023	.00236
%RSD	100.61	27.018	90.505	27.806	4.9283	19.296	200.44

#1	.00745	.00082	-.02274	-.00649	.00258	-.00103	-.00049
#2	.04421	.00056	-.00499	-.00967	.00277	-.00135	.00284

Sample Name: CCB13 Acquired: 12/5/2018 22:57:43 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.0015	.00005	F 1.7767	F<.00000
Stddev	.00017	.0007	.00014	.1151	.52080
%RSD	15.724	48.70	296.68	6.4792	236.70

#1	.00095	.0010	-.00005	1.6953	.14823
#2	.00119	.0021	.00014	1.8581	-.58829

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4057.1	53342.	4108.6	94.754	4432.7
Stddev	3.0	69.	50.1	.088	1.9
%RSD	.07490	.13021	1.2184	.09328	.04255

#1	4054.9	53391.	4073.2	94.692	4434.1
#2	4059.2	53293.	4144.0	94.817	4431.4

Sample Name: J6225-03 Acquired: 12/5/2018 23:01:50 Type: Unk
Method: P4-ICP2(v2631) 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	-.00053	-.00058	.00068	-.00046	-.00368	-.01119	.01831	.00002
Stddev	.00038	.00116	.00044	.00345	.00073	.00095	.00054	.00000
%RSD	70.710	200.14	64.077	749.60	19.723	8.5140	2.9453	3.2917

#1	-.00080	-.00140	.00099	.00198	-.00419	-.01186	.01793	.00002
#2	-.00027	.00024	.00037	-.00290	-.00317	-.01052	.01869	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	41.773	-.00034	-.00018	.00031	.03280	.00290	65.510
Stddev	.00001	.006	.00026	.00003	.00038	.00582	.00001	.053
%RSD	7.1513	.01458	76.163	18.303	123.65	17.746	.47599	.08117

#1	-.00008	41.768	-.00052	-.00015	.00057	.02868	.00291	65.547
#2	-.00009	41.777	-.00016	-.00020	.00004	.03692	.00289	65.472

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	.00037	508.36	.00127	-.00021	20.469	.00098	.20245
Stddev	.00024	.00076	.32	.00008	.00012	.037	.00010	.00820
%RSD	14.667	203.91	.06238	6.0626	59.062	.17932	10.238	4.0506

#1	-.00184	-.00017	508.59	.00122	-.00012	20.495	.00091	.20825
#2	-.00149	.00091	508.14	.00133	-.00030	20.443	.00105	.19665

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 46.092	2.5331	-.01857	-.00122	.00406	.0366	.46013	3.0050
Stddev	.060	.0166	.00096	.00304	.00048	.0012	.00305	.0406
%RSD	.12941	.65657	5.1845	248.43	11.767	3.302	.66345	1.3517

#1	46.050	2.5213	-.01925	-.00338	.00440	.0357	.45797	3.0337
#2	46.134	2.5449	-.01789	.00093	.00373	.0374	.46229	2.9763

Sample Name: J6225-03 Acquired: 12/5/2018 23:01:50 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1382
Stddev	.3611
%RSD	7.0280

#1	4.8829
#2	5.3936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.6	50272.	4263.8	99.481	3851.8
Stddev	13.4	55.	23.3	.449	.2
%RSD	.34096	.10870	.54651	.45175	.00571

#1	3937.1	50234.	4280.3	99.799	3851.7
#2	3918.1	50311.	4247.3	99.164	3852.0

Sample Name: J6225-04 Acquired: 12/5/2018 23:05:59 Type: Unk
Method: P4-ICP2(v2631) 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	.00005	.00080	.00019	.00120	-.00361	-.00477	.01593	.00009
Stddev	.00186	.00086	.00081	.00183	.00077	.00759	.00024	.00006
%RSD	3985.8	107.51	432.63	152.43	21.238	159.25	1.4996	62.536
#1	-.00127	.00141	-.00038	.00250	-.00307	.00060	.01610	.00005
#2	.00136	.00019	.00076	-.00009	-.00415	-.01014	.01576	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	31.331	.00007	-.00022	.00075	.03281	.00246	32.167
Stddev	.00000	.006	.00007	.00014	.00041	.00200	.00007	.110
%RSD	79.032	.01985	99.608	60.142	54.975	6.0979	2.9328	.34285
#1	-.00001	31.335	.00012	-.00032	.00046	.03422	.00241	32.090
#2	-.00000	31.327	.00002	-.00013	.00104	.03139	.00251	32.245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00010	244.71	.00091	.00112	10.032	.00031	.08646
Stddev	.00032	.00067	3.10	.00004	.00000	.026	.00010	.00297
%RSD	80.927	651.96	1.2674	4.4296	.20834	.25546	31.914	3.4331
#1	-.00017	.00057	242.52	.00094	.00112	10.014	.00038	.08436
#2	-.00061	-.00037	246.90	.00088	.00111	10.050	.00024	.08856
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.968	2.5913	-.01013	.00024	-.00472	.0307	.26624	1.8125
Stddev	.003	.0117	.00015	.00098	.00040	.0008	.00029	.1433
%RSD	.01413	.44961	1.4944	408.61	8.3841	2.730	.10969	7.9074
#1	21.970	2.5996	-.01002	.00093	-.00444	.0313	.26603	1.7112
#2	21.966	2.5831	-.01024	-.00045	-.00500	.0301	.26644	1.9139

Sample Name: J6225-04 Acquired: 12/5/2018 23:05:59 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4217
 Stddev .0874
 %RSD 2.5551

#1 3.3599
 #2 3.4836

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.3	53105.	4398.5	101.60	4104.9
Stddev	3.1	108.	9.8	.62	3.1
%RSD	.07513	.20393	.22214	.60895	.07526

#1	4092.1	53182.	4405.4	102.04	4107.0
#2	4096.4	53028.	4391.6	101.17	4102.7

Sample Name: J6225-05 Acquired: 12/5/2018 23:10:07 Type: Unk
Method: P4-ICP2(v2631) 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	.00295	-.00008	-.00042	-.00186	-.00284	-.00482	.01477	.00010
Stddev	.00330	.00029	.00013	.00134	.00076	.00959	.00048	.00008
%RSD	112.01	385.29	29.661	71.701	26.808	198.83	3.2813	80.150
#1	.00061	-.00028	-.00033	-.00281	-.00230	-.01160	.01512	.00016
#2	.00528	.00013	-.00051	-.00092	-.00337	.00196	.01443	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	26.714	-.00019	-.00021	.00034	.04144	.00252	16.828
Stddev	.00001	.216	.00009	.00004	.00003	.00530	.00005	.180
%RSD	45.099	.80908	46.406	20.866	9.4021	12.777	2.0762	1.0694
#1	-.00001	26.867	-.00013	-.00018	.00037	.04519	.00249	16.956
#2	-.00003	26.561	-.00026	-.00024	.00032	.03770	.00256	16.701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.00009	117.34	.00056	-.00005	5.1904	.00020	.03697
Stddev	.00069	.00043	.79	.00004	.00005	.0136	.00031	.00001
%RSD	259.44	468.41	.67163	6.4486	118.80	.26253	158.04	.03212
#1	-.00075	.00040	117.90	.00058	-.00001	5.2001	.00042	.03696
#2	.00022	-.00021	116.78	.00053	-.00008	5.1808	-.00002	.03697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.960	2.6848	-.00577	.00186	-.00483	.0340	.17575	1.3518
Stddev	.016	.0102	.00009	.00129	.00208	.0011	.00159	.0144
%RSD	.14990	.37895	1.6106	69.649	43.008	3.159	.90612	1.0685
#1	10.949	2.6920	-.00571	.00094	-.00336	.0348	.17688	1.3416
#2	10.972	2.6776	-.00584	.00277	-.00631	.0333	.17462	1.3621

Sample Name: J6225-05 Acquired: 12/5/2018 23:10:07 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8115
Stddev	.1556
%RSD	8.5887

#1	1.9215
#2	1.7015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4199.1	54556.	4408.4	104.13	4318.7
Stddev	3.3	146.	34.9	1.32	2.0
%RSD	.07791	.26684	.79214	1.2698	.04667

#1	4201.4	54658.	4383.7	105.06	4320.1
#2	4196.8	54453.	4433.1	103.19	4317.3

Sample Name: J6225-06 Acquired: 12/5/2018 23:14:11 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	.00010	-.00118	.00139	-.00394	.00124	.01489	.00006
Stddev	.00037	.00096	.00061	.00141	.00055	.01153	.00030	.00005
%RSD	33.480	993.27	51.828	101.63	13.852	928.91	2.0095	83.086
#1	.00138	-.00058	-.00075	.00239	-.00355	-.00691	.01468	.00003
#2	.00085	.00077	-.00162	.00039	-.00433	.00940	.01510	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	26.585	-.00002	-.00024	.00036	.04649	.00245	15.510
Stddev	.00008	.151	.00024	.00001	.00003	.00083	.00001	.143
%RSD	362.93	.56966	1350.4	3.3976	8.2971	1.7794	.49084	.91922
#1	.00003	26.478	.00015	-.00024	.00033	.04708	.00245	15.409
#2	-.00007	26.692	-.00019	-.00025	.00038	.04591	.00244	15.611
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00023	106.89	.00043	-.00015	4.7618	.00027	.03269
Stddev	.00007	.00046	.73	.00013	.00002	.0374	.00046	.00280
%RSD	132.01	206.04	.67915	31.062	12.536	.78538	168.49	8.5548
#1	-.00010	-.00055	106.38	.00034	-.00017	4.7353	.00060	.03467
#2	-.00000	.00010	107.40	.00052	-.00014	4.7882	-.00005	.03071
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.085	2.7175	-.00603	-.00046	-.00820	.0335	.16908	1.6850
Stddev	.002	.0208	.00028	.00059	.00211	.0006	.00020	.0039
%RSD	.02348	.76529	4.6351	129.47	25.777	1.910	.12064	.23265
#1	10.084	2.7028	-.00623	-.00088	-.00969	.0339	.16923	1.6877
#2	10.087	2.7322	-.00583	-.00004	-.00670	.0330	.16894	1.6822

Sample Name: J6225-06 Acquired: 12/5/2018 23:14:11 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4880
Stddev	.2443
%RSD	16.421

#1	1.3152
#2	1.6608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4182.3	54143.	4407.3	103.84	4311.1
Stddev	3.6	93.	33.2	2.27	4.2
%RSD	.08502	.17241	.75332	2.1869	.09654

#1	4184.8	54209.	4430.8	105.45	4308.1
#2	4179.8	54077.	4383.9	102.23	4314.0

Sample Name: CCV14 Acquired: 12/5/2018 23:18:15 Type: Unk
Method: P4-ICP2(v2631) 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	4.9982	4.9811	4.9664	4.9857	5.0225	9.9568	10.122	.25133
Stddev	.0194	.0179	.0155	.0095	.0061	.0330	.039	.00059
%RSD	.38873	.35915	.31273	.19069	.12123	.33138	.38359	.23340
#1	5.0119	4.9937	4.9774	4.9925	5.0268	9.9335	10.149	.25092
#2	4.9844	4.9684	4.9555	4.9790	5.0182	9.9801	10.094	.25175
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4699	25.474	1.0230	2.4703	1.2695	4.8767	2.5416	25.183
Stddev	.0045	.078	.0043	.0036	.0036	.0270	.0006	.001
%RSD	.18169	.30603	.41531	.14646	.27976	.55294	.02408	.00386
#1	2.4731	25.529	1.0260	2.4728	1.2720	4.8577	2.5421	25.182
#2	2.4668	25.419	1.0200	2.4677	1.2670	4.8958	2.5412	25.184
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4760	1.2459	24.927	2.5047	2.4834	25.167	5.0733	5.0213
Stddev	.0026	.0023	.060	.0017	.0134	.138	.0110	.0256
%RSD	.10621	.18369	.24092	.06648	.53911	.54725	.21615	.50882
#1	2.4778	1.2443	24.885	2.5035	2.4739	25.264	5.0811	5.0394
#2	2.4741	1.2475	24.970	2.5058	2.4929	25.069	5.0656	5.0032
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8567	5.0376	4.9340	5.0137	5.0202	4.929	5.1175	F 3.2626
Stddev	.0169	.0087	.0076	.0340	.0193	.012	.0245	.1896
%RSD	.34864	.17241	.15421	.67784	.38481	.2413	.47839	5.8118
#1	4.8687	5.0438	4.9393	5.0377	5.0338	4.937	5.1348	3.3966
#2	4.8447	5.0315	4.9286	4.9897	5.0065	4.920	5.1002	3.1285

Sample Name: CCV14 Acquired: 12/5/2018 23:18:15 Type: Unk
Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3268
Stddev .1952
%RSD 5.8673

#1 3.4648
#2 3.1887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.1	50509.	4093.9	93.126	3838.2
Stddev	18.9	271.	16.5	.219	18.2
%RSD	.48752	.53720	.40268	.23492	.47389

#1	3862.8	50317.	4082.3	93.280	3825.3
#2	3889.5	50701.	4105.6	92.971	3851.0

Sample Name: CCB14 Acquired: 12/5/2018 23:22:01 Type: Unk
Method: P4-ICP2(v2631) 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	-.00188	.00121	-.00021	-.00056	-.00073	-.00117	.00080	.00002
Stddev	.00052	.00071	.00083	.00044	.00080	.01029	.00023	.00002
%RSD	27.600	58.609	401.76	77.861	108.73	876.34	28.923	103.46
#1	-.00152	.00071	-.00079	-.00025	-.00130	.00610	.00064	.00000
#2	-.00225	.00172	.00038	-.00088	-.00017	-.00845	.00097	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.02577	-.00020	-.00008	-.00066	-.00057	.00004	-.00764
Stddev	.00009	.00304	.00018	.00011	.00011	.00695	.00005	.00644
%RSD	421.38	11.791	87.309	130.00	17.304	1210.3	112.14	84.286
#1	.00008	-.02362	-.00008	-.00001	-.00058	.00434	.00001	-.01219
#2	-.00004	-.02792	-.00033	-.00016	-.00074	-.00549	.00007	-.00309
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00021	.25907	.00018	-.00073	.05827	.00056	-.00510
Stddev	.00013	.00023	.00854	.00015	.00008	.00088	.00029	.00444
%RSD	41.903	108.45	3.2958	81.205	11.035	1.5146	51.501	87.074
#1	.00022	.00037	.25303	.00028	-.00079	.05889	.00036	-.00825
#2	.00040	.00005	.26510	.00008	-.00067	.05764	.00077	-.00196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00713	.00053	-.00122	.00116	.00229	.0011	.00004	F 1.7567
Stddev	.00073	.00209	.00044	.00158	.00046	.0009	.00001	.1040
%RSD	10.240	397.16	36.205	136.29	20.089	78.76	19.113	5.9171
#1	-.00662	.00201	-.00091	.00004	.00261	.0018	.00005	1.8302
#2	-.00765	-.00095	-.00153	.00228	.00196	.0005	.00004	1.6832

Sample Name: CCB14 Acquired: 12/5/2018 23:22:01 Type: Unk
 Method: P4-ICP2(v2631) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .41620
 Stddev .02328
 %RSD 5.5945

#1 .43266
 #2 .39974

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4065.8	53485.	4124.4	97.267	4436.3
Stddev	.5	102.	11.4	2.534	9.4
%RSD	.01128	.19053	.27525	2.6050	.21240

#1	4065.5	53557.	4116.3	99.058	4429.7
#2	4066.2	53413.	4132.4	95.475	4443.0