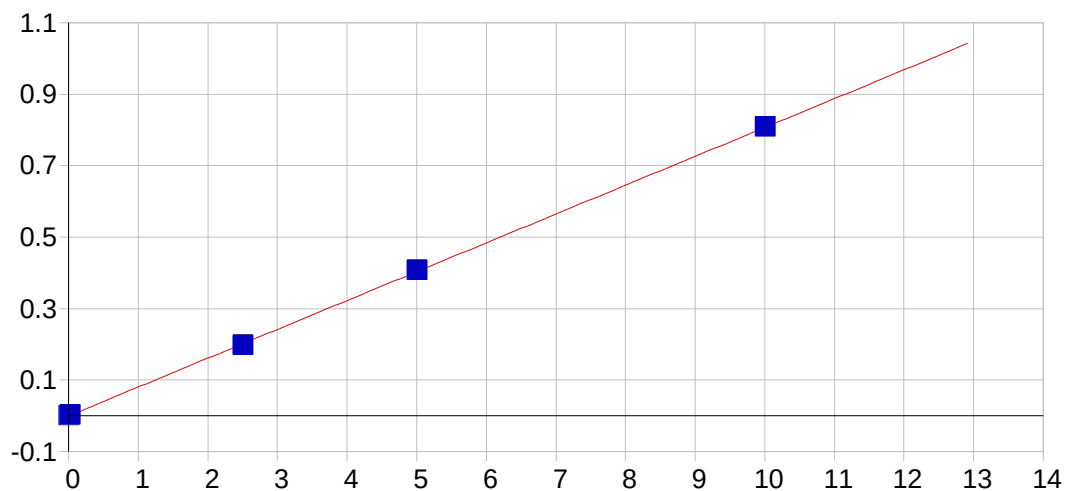


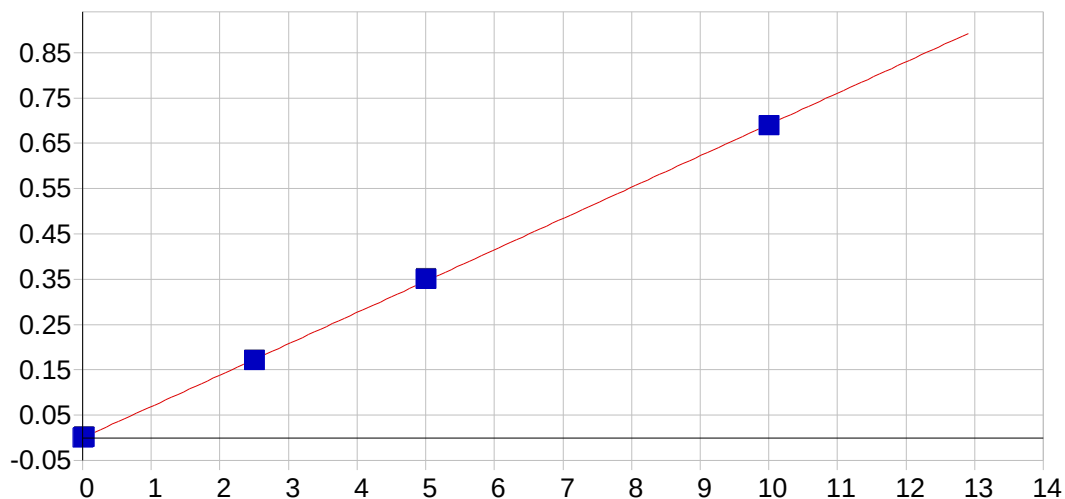


As 189.042 {478}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000280 Re-Slope: 1.000000
 A1 (Gain): 0.080709 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002770
 Predicted MQL: 0.009234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.02000	.02060	.001	3.02	.00138	.000	1
S3	2.5000	2.4425	-.058	-2.30	.19684	.000	1
S4	5.0000	5.0463	.046	.926	.40697	.000	1
S5	10.000	10.011	.011	.106	.80761	.000	1



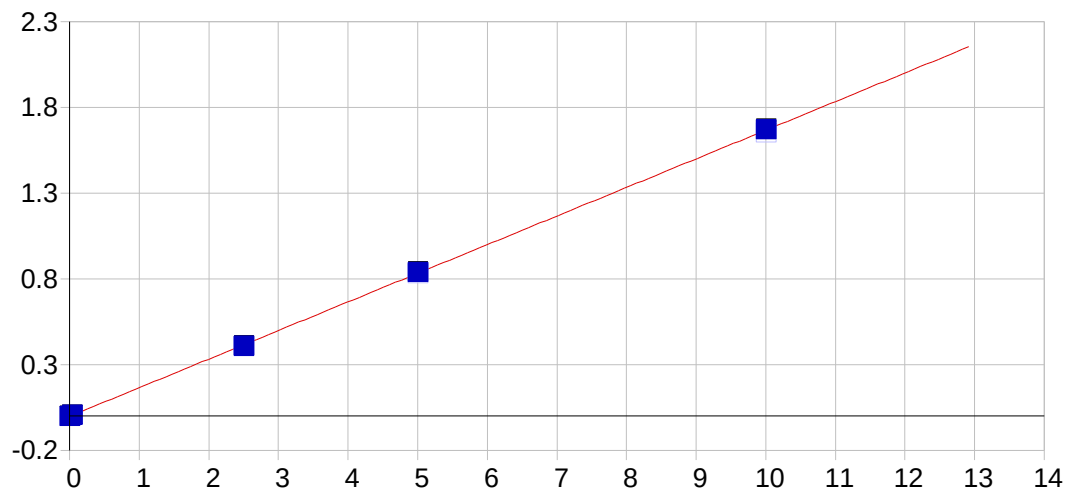
As 189.042 {479}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000

A1 (Gain): 0.069136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002372
 Predicted MQL: 0.007905

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02000	.02118	.001	5.90	.00137	.000	1
S3	2.5000	2.4658	-.034	-1.37	.17038	.000	1
S4	5.0000	5.0683	.068	1.37	.35031	.000	1
S5	10.000	9.9648	-.035	-.352	.68884	.000	1

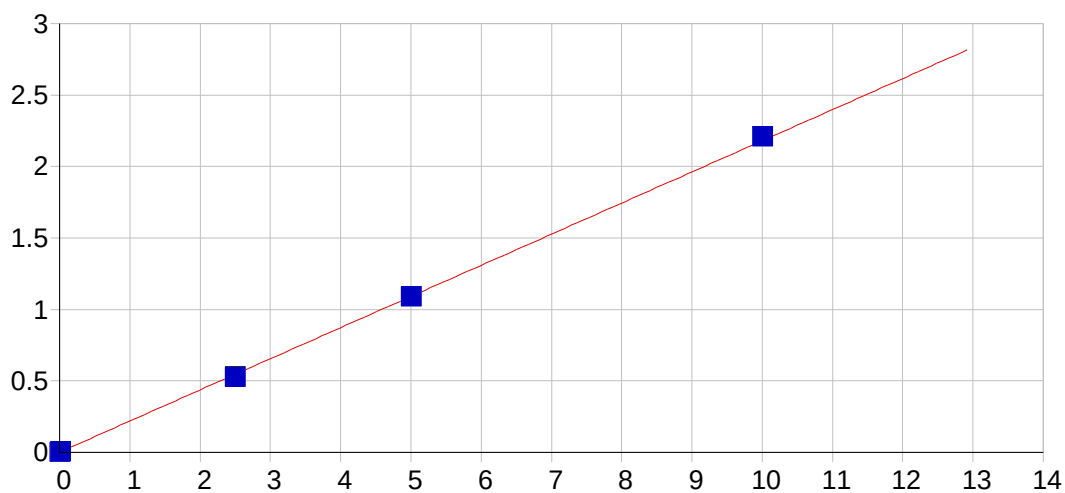


TI 190.856 {477}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.166819 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001123
 Predicted MQL: 0.003743

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00084	.000	1
S1	.04000	.04543	.005	13.6	.00656	.000	1
S3	2.5000	2.4509	-.049	-1.96	.40374	.000	1
S4	5.0000	5.0325	.032	.649	.83011	.002	1
S5	10.000	10.011	.011	.113	1.6521	.005	1

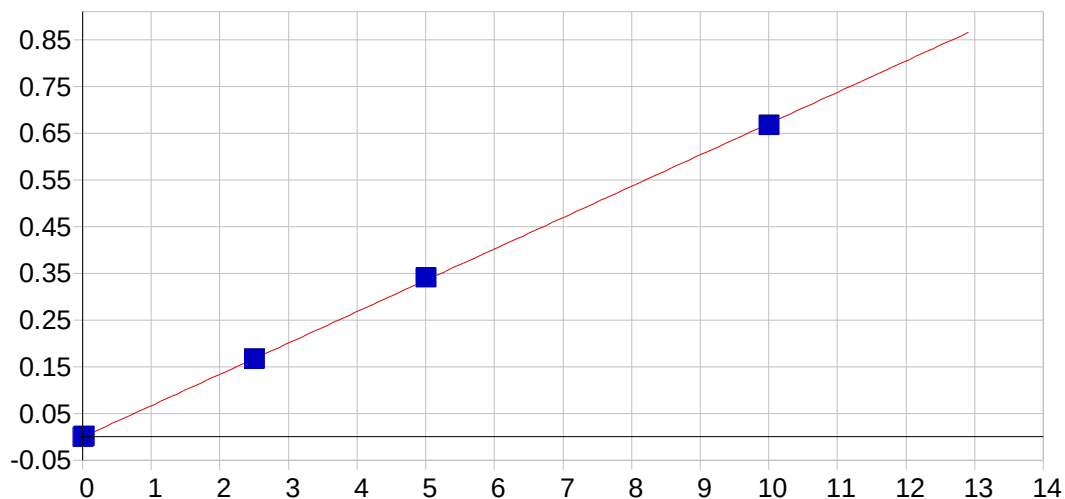


Pb 220.353 [453]

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001657 Re-Slope: 1.000000
 A1 (Gain): 0.217835 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001172
 Predicted MQL: 0.003908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00166	.000	1
S1	.01200	.01229	.000	2.39	.00428	.000	1
S3	2.5000	2.4021	-.098	-3.92	.52416	.003	1
S4	5.0000	4.9794	-.021	-.411	1.0849	.002	1
S5	10.000	10.118	.118	1.18	2.2028	.003	1



Se 196.090 [472]

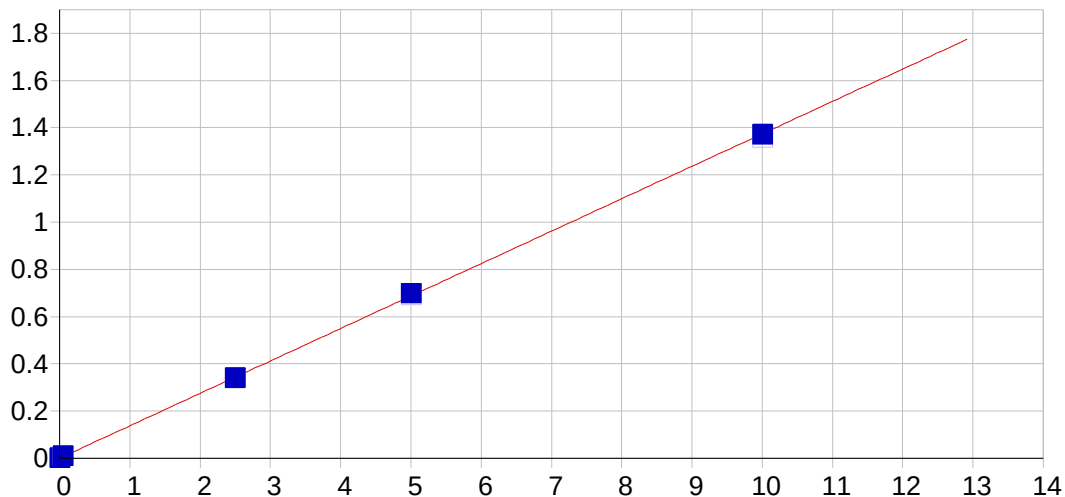
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.067061 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.000015
 Predicted MDL: 0.003067
 Predicted MQL: 0.010222

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02024	.000	1.19	.00118	.000	1
S3	2.5000	2.4860	-.014	-.561	.16651	.000	1
S4	5.0000	5.0731	.073	1.46	.33999	.001	1
S5	10.000	9.9407	-.059	-.593	.66636	.000	1



Sb 206.833 {463}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

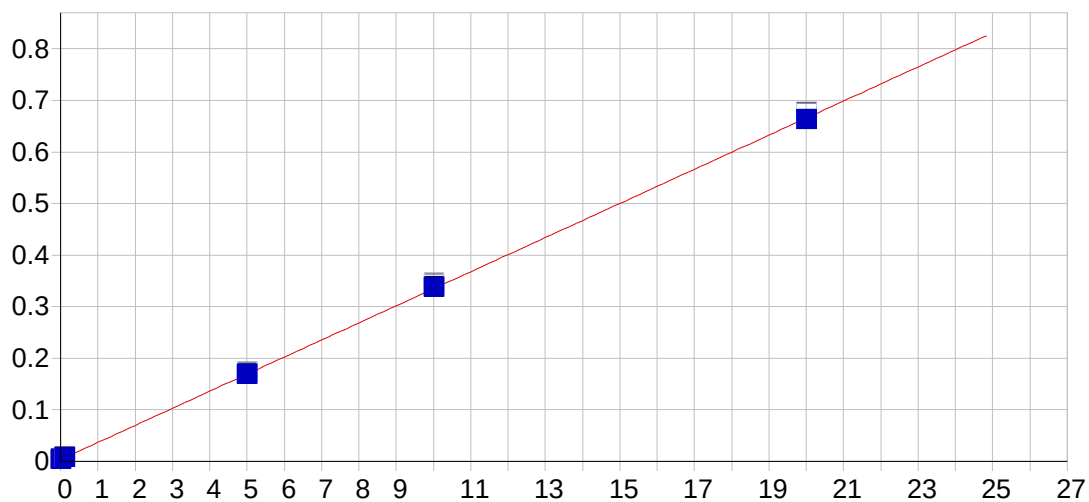
Weighting: 1/Conc

A0 (Offset): 0.000447
 A1 (Gain): 0.137361
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950
 Std Error of Est: 0.000052
 Predicted MDL: 0.001828
 Predicted MQL: 0.006095

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	.00045	.000	1
S1	.05000	.05500	.005	10.00	.00783	.000	1
S3	2.5000	2.4679	-.032	-1.28	.33558	.000	1
S4	5.0000	5.0587	.059	1.17	.68760	.001	1
S5	10.000	9.9684	-.032	-.316	1.3543	.001	1

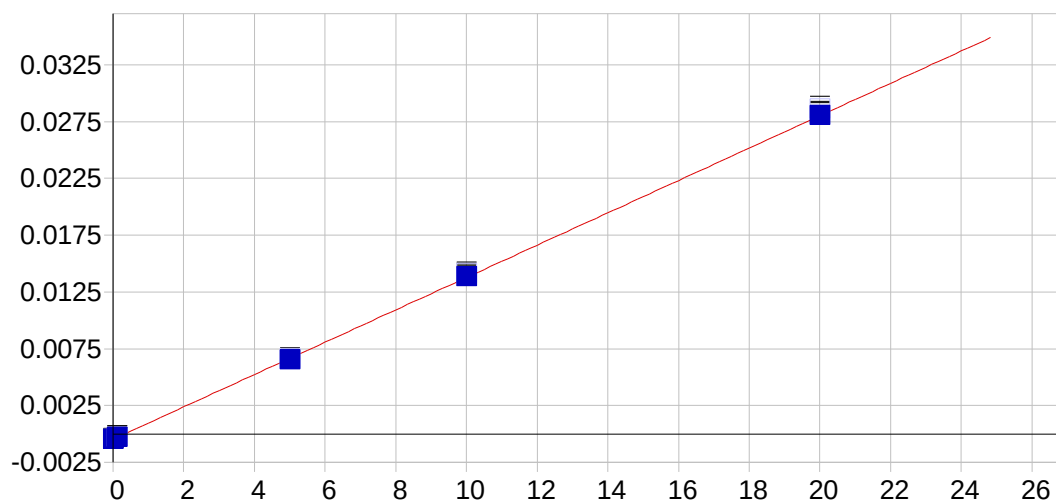


AI 308.215 {109}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003615 Re-Slope: 1.000000
 A1 (Gain): 0.033107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003404
 Predicted MQL: 0.011348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00362	.000	1
S1	.10000	.10735	.007	7.35	.00740	.000	1
S3	5.0000	4.9877	-.012	-.246	.17204	.000	1
S4	10.000	10.106	.106	1.06	.34478	.001	1
S5	20.000	19.899	-.101	-.505	.67560	.000	1



AI 309.271 {109}

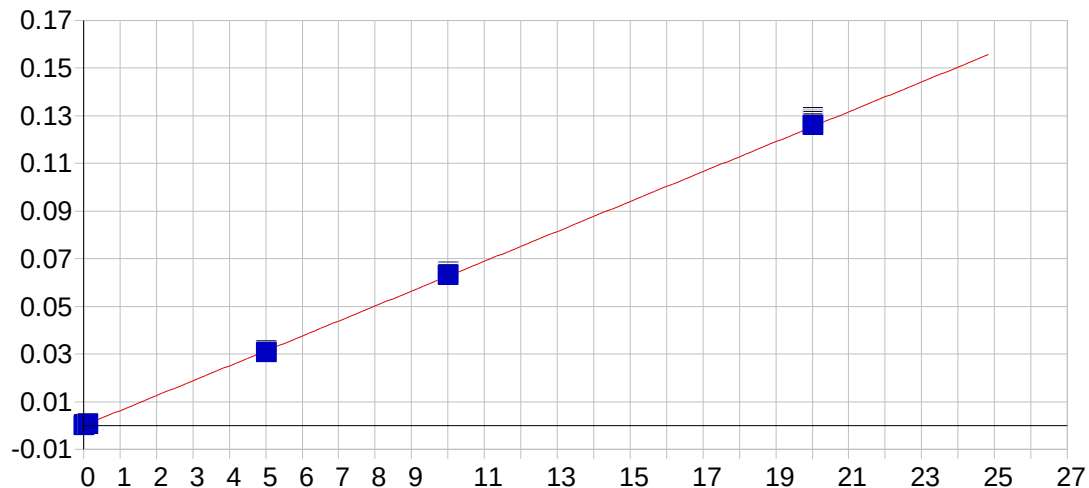
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000473 Re-Slope: 1.000000
 A1 (Gain): 0.001424 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830
 Std Error of Est: 0.000002
 Predicted MDL: 0.045969
 Predicted MQL: 0.153229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00047	.000	1
S1	.10000	.13108	.031	31.1	-.00028	.000	1
S3	5.0000	4.8926	-.107	-2.15	.00664	.000	1
S4	10.000	10.067	.067	.672	.01415	.000	1
S5	20.000	20.008	.008	.038	.02859	.000	1



AI 396.152 { 85}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

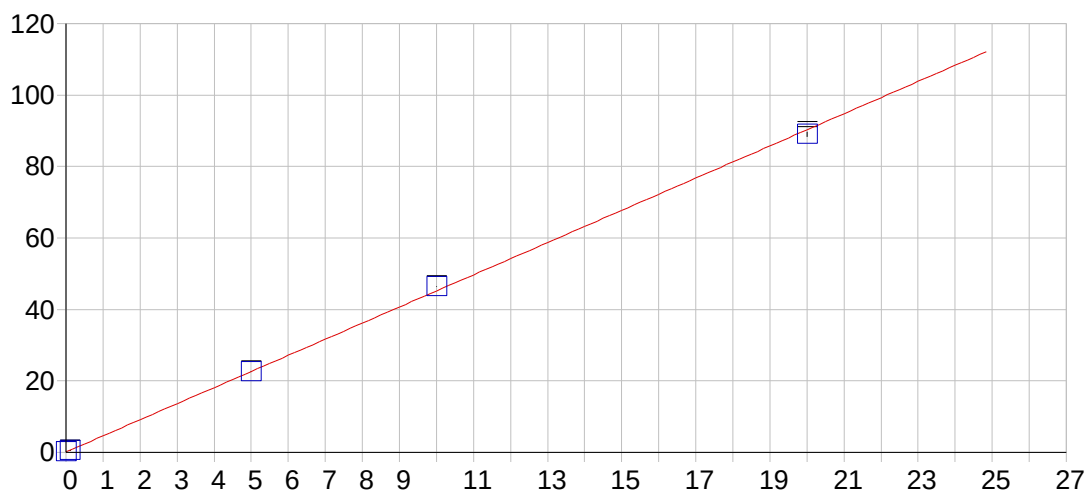
Weighting: 1/Conc

A0 (Offset): -0.000029
 A1 (Gain): 0.006270
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000006
 Predicted MDL: 0.017299
 Predicted MQL: 0.057664

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	-.00003	.000	1
S1	.10000	.08922	-.011	-10.8	.00057	.000	1
S3	5.0000	4.8588	-.141	-2.82	.03106	.000	1
S4	10.000	10.079	.079	.789	.06441	.000	1
S5	20.000	20.074	.074	.368	.12832	.001	1

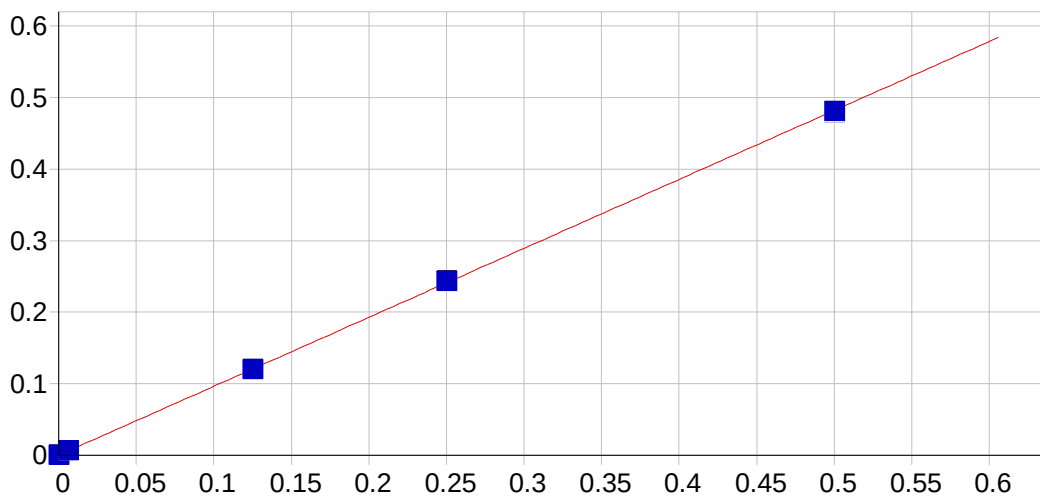


Ba 493.409 { 68}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.105393 Re-Slope: 1.000000
 A1 (Gain): 4.508684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.006302
 Predicted MDL: 0.000921
 Predicted MQL: 0.003071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.10537	.001	1
S1	.10000	.10395	.004	3.95	.57405	.008	1
S3	5.0000	4.9993	-.001	-.015	22.646	.077	1
S5	20.000	19.720	-.280	-1.40	89.017	.637	1
S4	10.000	10.277	.277	2.77	46.440	.039	1



Be 234.861 {144}

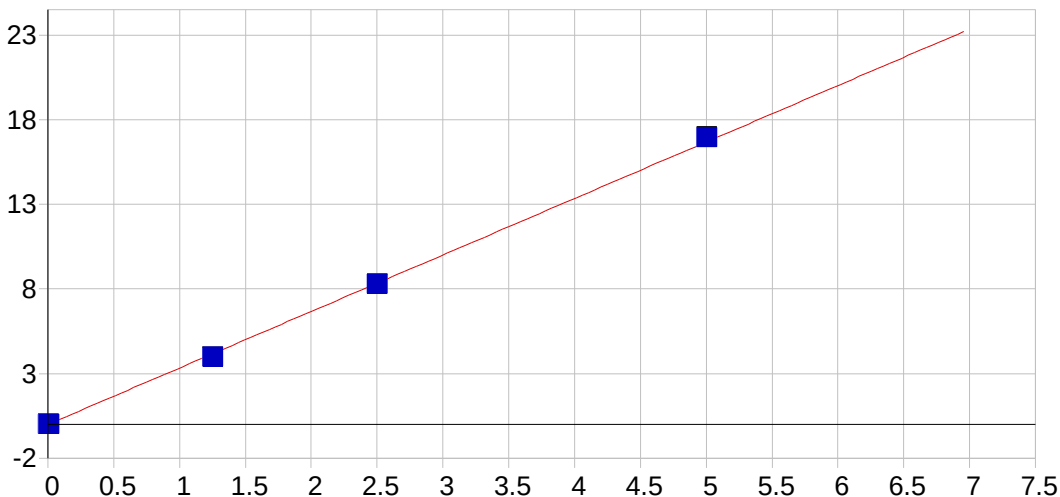
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.963978 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000019
 Predicted MDL: 0.000075
 Predicted MQL: 0.000251

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00600	.00604	.000	.699	.00582	.000	1
S3	.12500	.12407	-.001	-.745	.11890	.000	1
S4	.25000	.25258	.003	1.03	.24202	.000	1
S5	.50000	.49831	-.002	-.338	.47738	.000	1

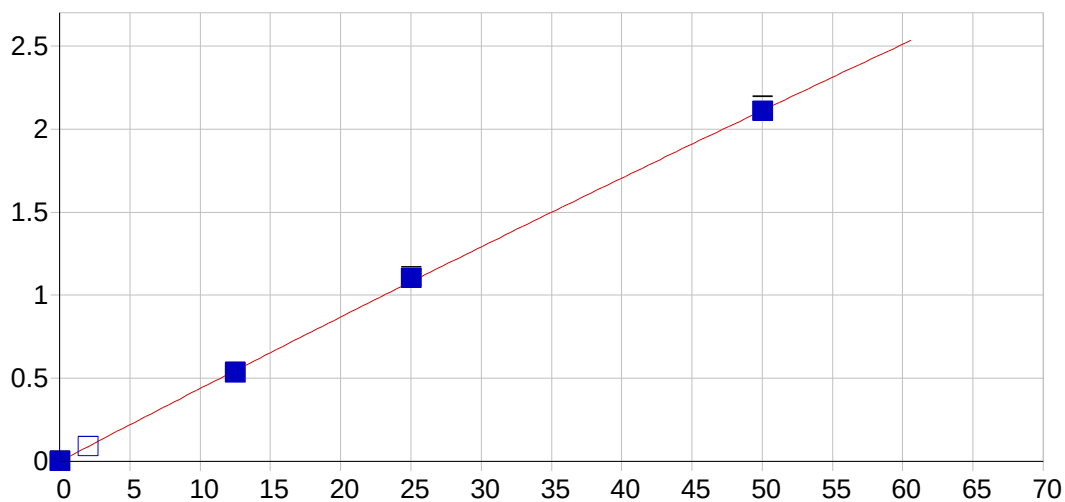


Cd 226.502 {449}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001185 Re-Slope: 1.000000
 A1 (Gain): 3.336665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745 Status: OK.
 Std Error of Est: 0.000705
 Predicted MDL: 0.000092
 Predicted MQL: 0.000305

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00118	.000	1
S1	.00600	.00566	-.000	-5.58	.01776	.000	1
S3	1.2500	1.1874	-.063	-5.01	3.9617	.007	1
S4	2.5000	2.4848	-.015	-.609	8.2916	.001	1
S5	5.0000	5.0782	.078	1.56	16.947	.018	1

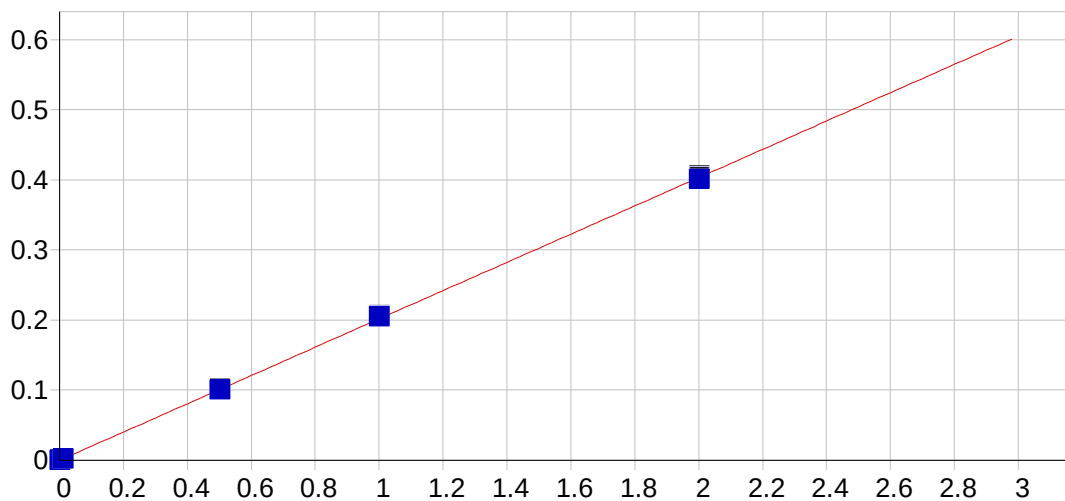


Ca 373.690 { 90}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.044206 Y-int: 0.000000
 A2 (Curvature): -0.000040
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000404
 Predicted MDL: 0.022994
 Predicted MQL: 0.076646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0032	.003	.162	.08858	.001	1
S0	.00000	.00002	.000	.000	.00019	.000	1
S3	12.500	12.182	-.318	-2.55	.53312	.001	1
S4	25.000	25.483	.483	1.93	1.1016	.008	1
S5	50.000	49.832	-.168	-.335	2.1062	.030	1



Cr 267.716 {126}

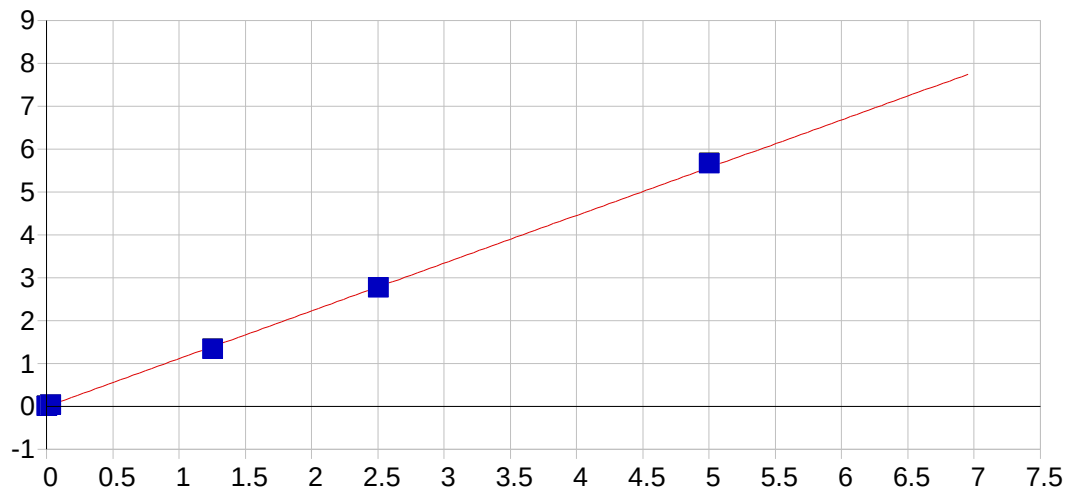
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.201660 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000016
 Predicted MDL: 0.000463
 Predicted MQL: 0.001545

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01052	.001	5.15	.00219	.000	1
S3	.50000	.49588	-.004	-.824	.10081	.000	1
S4	1.0000	1.0153	.015	1.53	.20631	.000	1
S5	2.0000	1.9883	-.012	-.584	.40404	.002	1



Co 228.616 {447}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

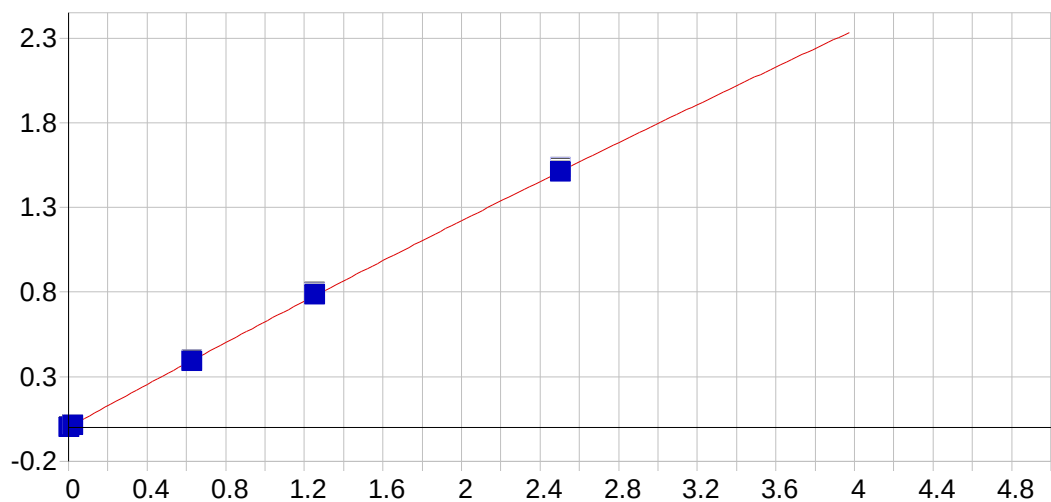
Weighting: 1/Conc

A0 (Offset): -0.000045
 A1 (Gain): 1.113785
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758
 Std Error of Est: 0.000513
 Predicted MDL: 0.000248
 Predicted MQL: 0.000826

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	-.00005	.000	1
S1	.03000	.03144	.001	4.81	.03475	.000	1
S3	1.2500	1.1908	-.059	-4.74	1.3273	.000	1
S4	2.5000	2.4798	-.020	-.808	2.7641	.001	1
S5	5.0000	5.0780	.078	1.56	5.6601	.007	1

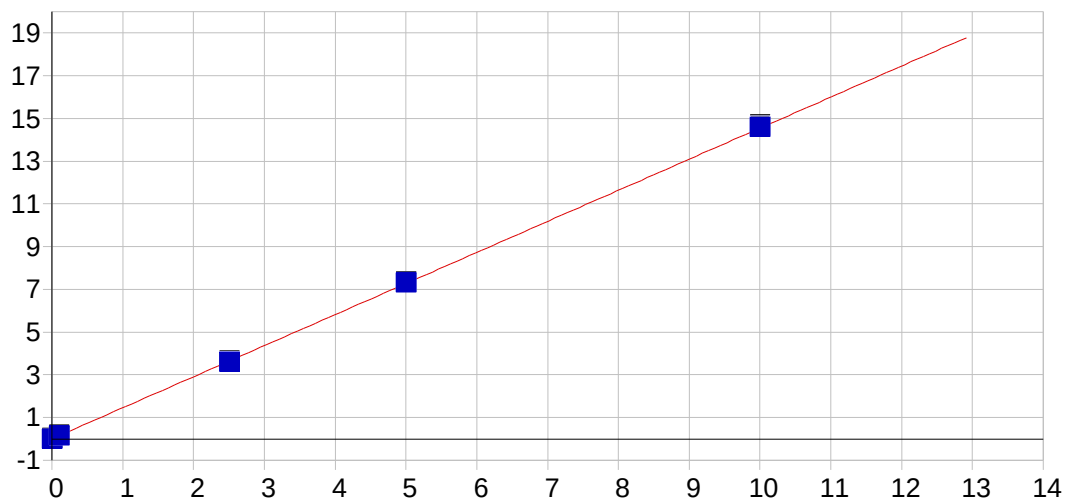


Cu 224.700 {450}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.634974 Y-int: 0.000000
 A2 (Curvature): -0.010069
 n (Exponent): 0.990000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000480
 Predicted MQL: 0.001601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02000	.02066	.001	3.32	.01365	.000	1
S3	.62500	.61659	-.008	-1.35	.39578	.001	1
S4	1.2500	1.2616	.012	.928	.79592	.001	1
S5	2.5000	2.4962	-.004	-.154	1.5344	.002	1



Fe 240.488 {140}

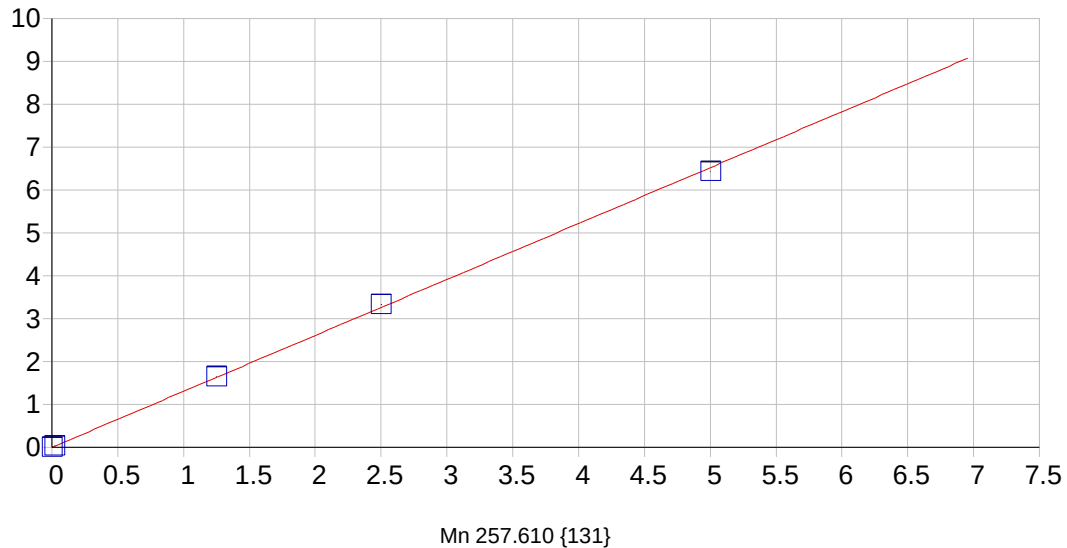
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002499 Re-Slope: 1.000000
 A1 (Gain): 1.454597 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989
 Std Error of Est: 0.000371
 Predicted MDL: 0.012370
 Predicted MQL: 0.041232

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00250	.005	1
S1	.10000	.09987	-.000	-.126	.14849	.028	1
S3	2.5000	2.4713	-.029	-1.15	3.6155	.029	1
S4	5.0000	5.0131	.013	.262	7.3311	.039	1
S5	10.000	10.016	.016	.158	14.645	.063	1



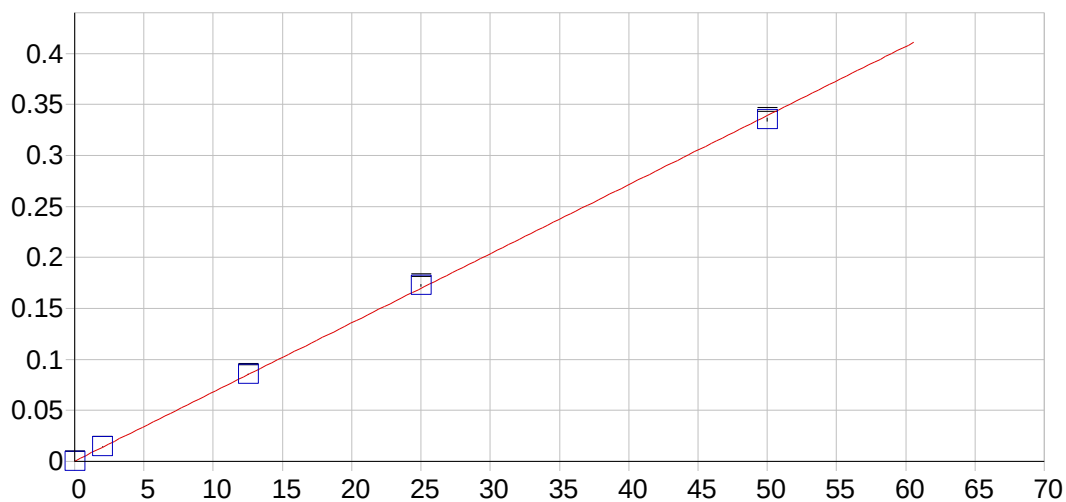
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413
 A1 (Gain): 1.304291
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848
 Std Error of Est: 0.000388
 Predicted MDL: 0.000069
 Predicted MQL: 0.000230

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	.00041	.000	1
S1	.02000	.02223	.002	11.2	.02941	.000	1
S3	1.2500	1.2637	.014	1.10	1.6487	.003	1
S4	2.5000	2.5556	.056	2.22	3.3337	.001	1
S5	5.0000	4.9284	-.072	-1.43	6.4285	.010	1

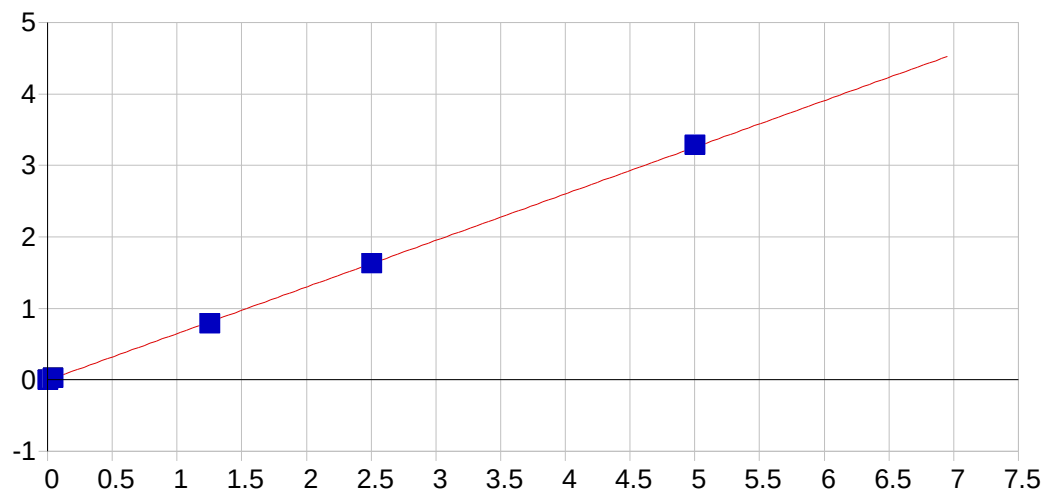


Mg 279.079 {121}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000252 Re-Slope: 1.000000
 A1 (Gain): 0.006779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.064305
 Predicted MQL: 0.214351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0700	.070	3.50	.01429	.000	1
S0	.00000	-.00009	-.000	.000	.00025	.000	1
S3	12.500	12.571	.071	.569	.08547	.001	1
S4	25.000	25.453	.453	1.81	.17280	.001	1
S5	50.000	49.406	-.594	-1.19	.33518	.002	1



Ni 231.604 {445}

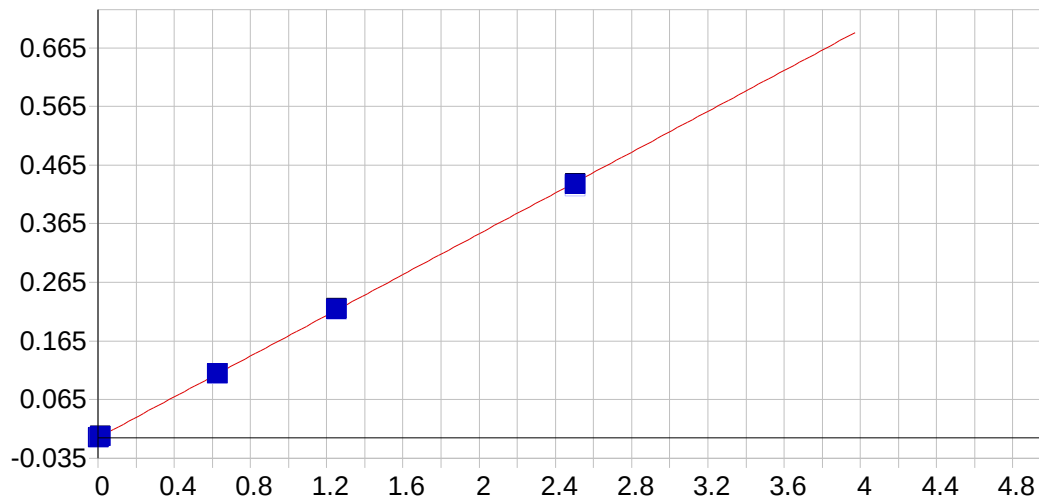
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005255 Re-Slope: 1.000000
 A1 (Gain): 0.651934 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000237
 Predicted MDL: 0.000446
 Predicted MQL: 0.001488

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	.04234	.002	5.86	.02237	.000	1
S3	1.2500	1.2083	-.042	-3.34	.78335	.001	1
S4	2.5000	2.4925	-.007	-.300	1.6215	.002	1
S5	5.0000	5.0469	.047	.938	3.2885	.002	1



Ag 328.068 {103}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

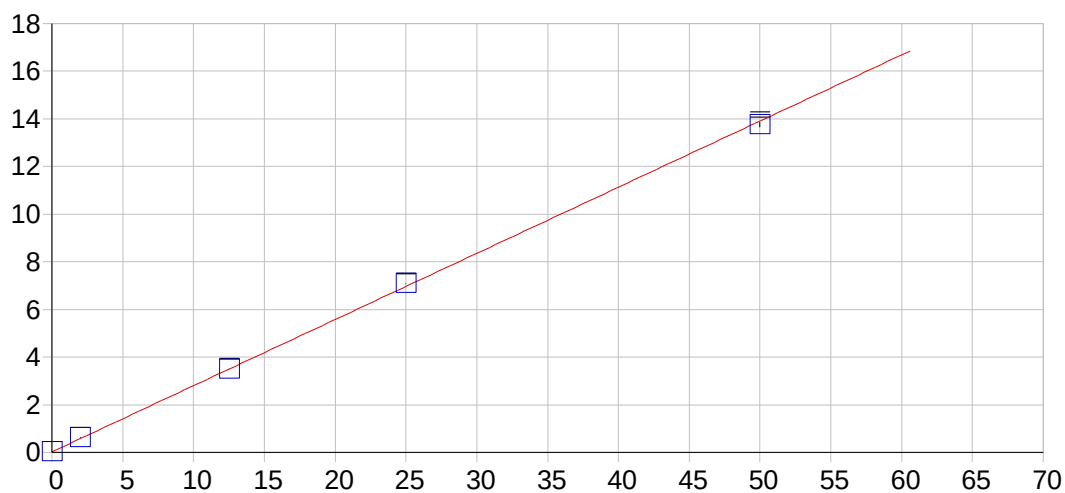
Weighting: 1/Conc

A0 (Offset): 0.000023
 A1 (Gain): 0.173968
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000012
 Predicted MDL: 0.000760
 Predicted MQL: 0.002535

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	.00002	.000	1
S1	.01000	.01075	.001	7.53	.00186	.000	1
S3	.62500	.62518	.000	.028	.10755	.001	1
S4	1.2500	1.2628	.013	1.03	.21725	.000	1
S5	2.5000	2.4862	-.014	-.550	.42762	.000	1

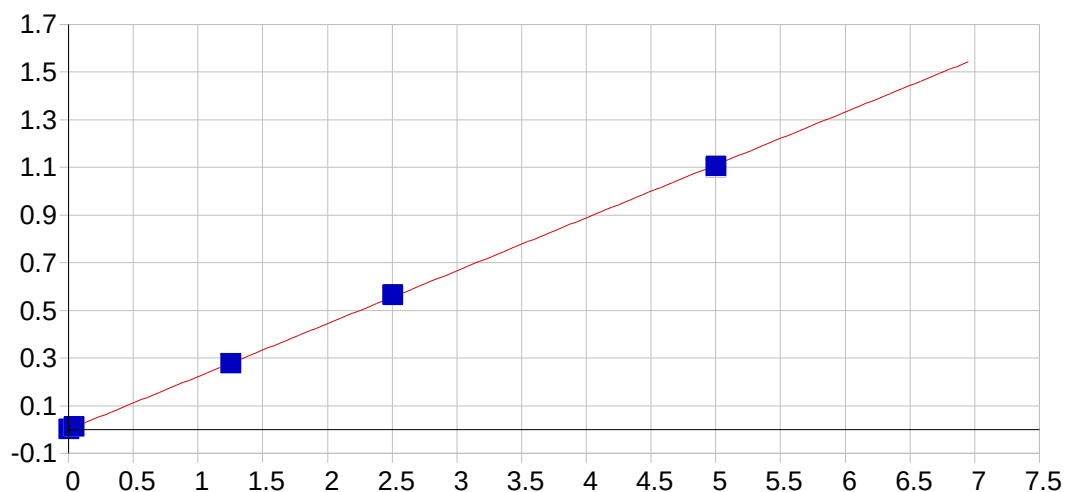


Na 589.592 { 57}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022245 Re-Slope: 1.000000
 A1 (Gain): 0.277780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.002274
 Predicted MDL: 0.012346
 Predicted MQL: 0.041154

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1143	.114	5.72	.60957	.003	1
S0	.00000	-.00013	-.000	.000	.02221	.000	1
S3	12.500	12.513	.013	.107	3.4982	.014	1
S4	25.000	25.429	.429	1.72	7.0859	.019	1
S5	50.000	49.443	-.557	-1.11	13.757	.114	1



V 292.402 {115}

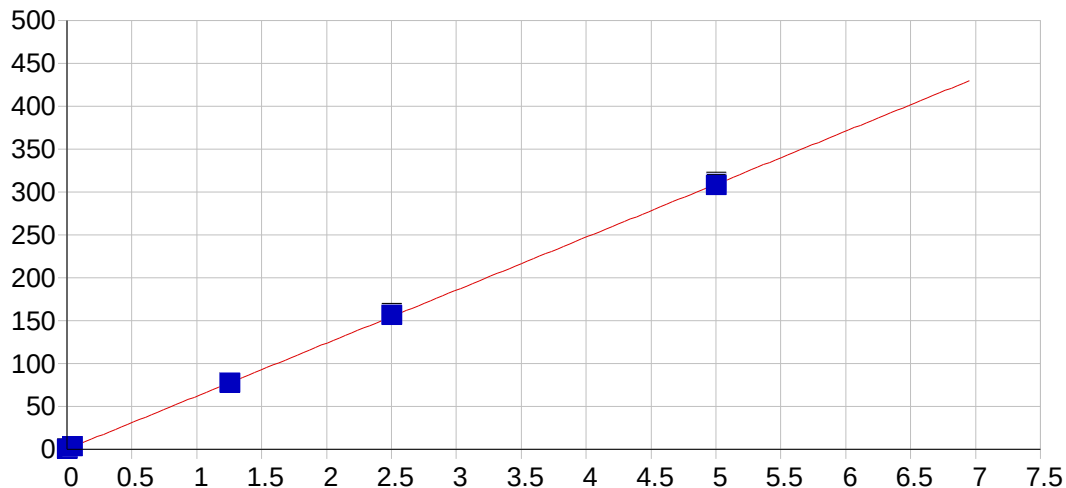
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.222165 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927
 Std Error of Est: 0.000065
 Predicted MDL: 0.000526
 Predicted MQL: 0.001753

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.04000	.04455	.005	11.4	.00973	.000	1
S3	1.2500	1.2410	-.009	-.721	.27386	.001	1
S4	2.5000	2.5353	.035	1.41	.55960	.000	1
S5	5.0000	4.9692	-.031	-.617	1.0967	.001	1



Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

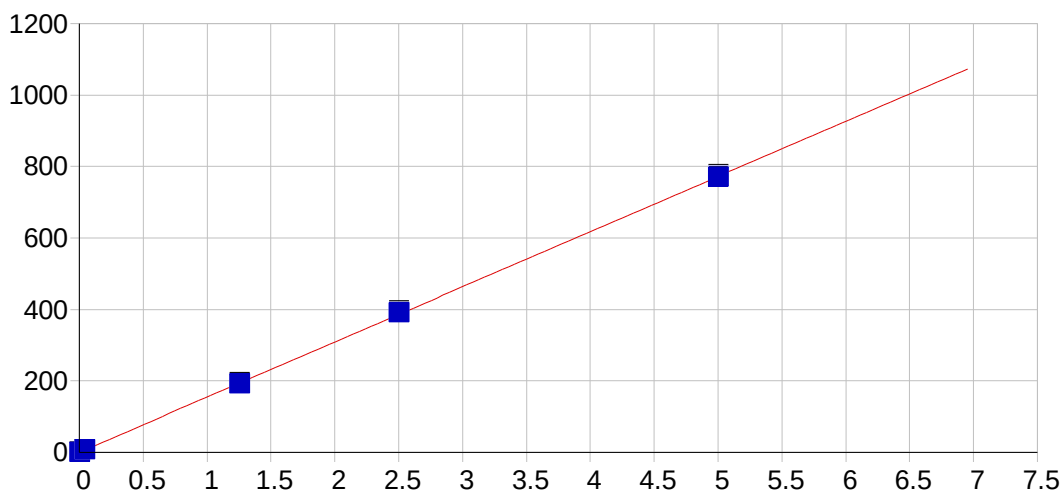
Weighting: 1/Conc

A0 (Offset): 0.175537
 A1 (Gain): 61.794759
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957
 Std Error of Est: 0.013935
 Predicted MDL: 0.000449
 Predicted MQL: 0.001498

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	.17528	.015	1
S1	.04000	.04409	.004	10.2	2.9163	.033	1
S3	1.2500	1.2456	-.004	-.351	77.615	.204	1
S4	2.5000	2.5235	.024	.941	157.05	1.05	1
S5	5.0000	4.9768	-.023	-.465	309.58	1.32	1

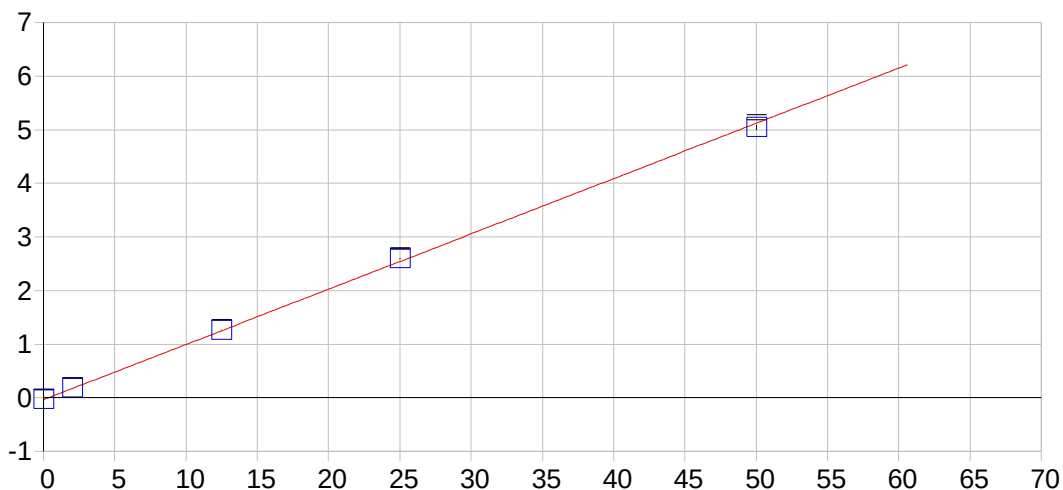


Zn 213.856 {458}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.323287 Re-Slope: 1.000000
 A1 (Gain): 154.356877 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.041749
 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	.32255	.003	1
S1	.04000	.04494	.005	12.4	7.3013	.015	1
S3	1.2500	1.2358	-.014	-1.13	192.25	2.60	1
S4	2.5000	2.5260	.026	1.04	392.56	2.51	1
S5	5.0000	4.9832	-.017	-.336	774.19	3.08	1



K 766.490 {44}

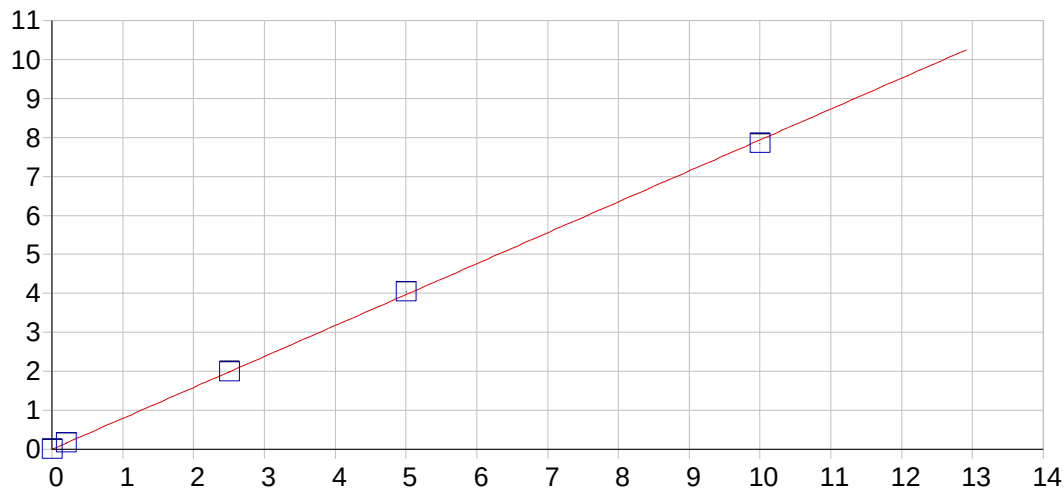
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.038272 Re-Slope: 1.000000
 A1 (Gain): 0.103152 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828
 Std Error of Est: 0.001045
 Predicted MDL: 0.041131
 Predicted MQL: 0.137103

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0987	.099	4.94	.17822	.004	1
S0	.00000	-.00013	-.000	.000	-.03829	.002	1
S3	12.500	12.606	.106	.849	1.2621	.004	1
S4	25.000	25.571	.571	2.28	2.5994	.012	1
S5	50.000	49.224	-.776	-1.55	5.0393	.045	1



Mo 202.030 {467}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

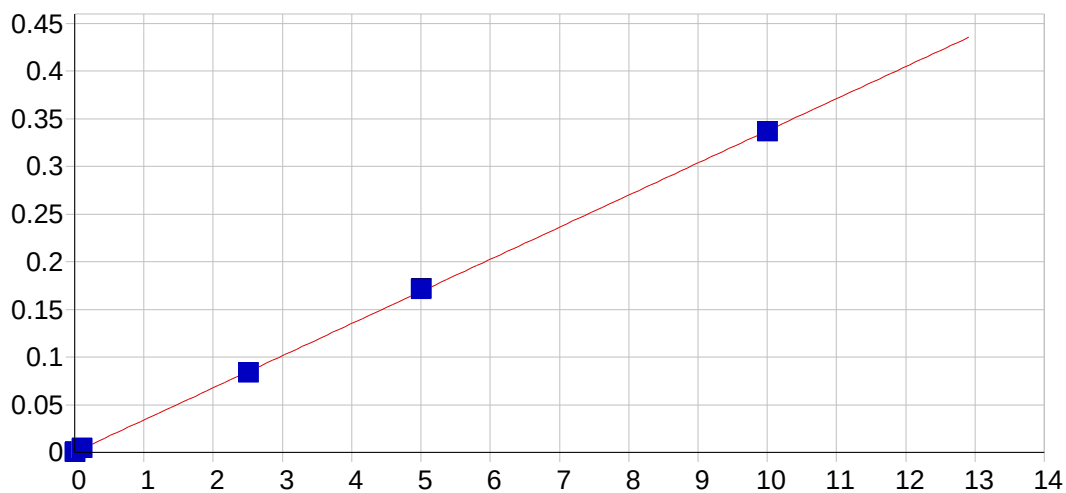
Weighting: 1/Conc

A0 (Offset): 0.000349
 A1 (Gain): 0.793537
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892
 Std Error of Est: 0.000895
 Predicted MDL: 0.000289
 Predicted MQL: 0.000962

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	.00034	.000	1
S1	.20000	.21026	.010	5.13	.16720	.000	1
S3	2.5000	2.5129	.013	.516	1.9944	.004	1
S4	5.0000	5.0954	.095	1.91	4.0438	.002	1
S5	10.000	9.8814	-.119	-1.19	7.8416	.005	1

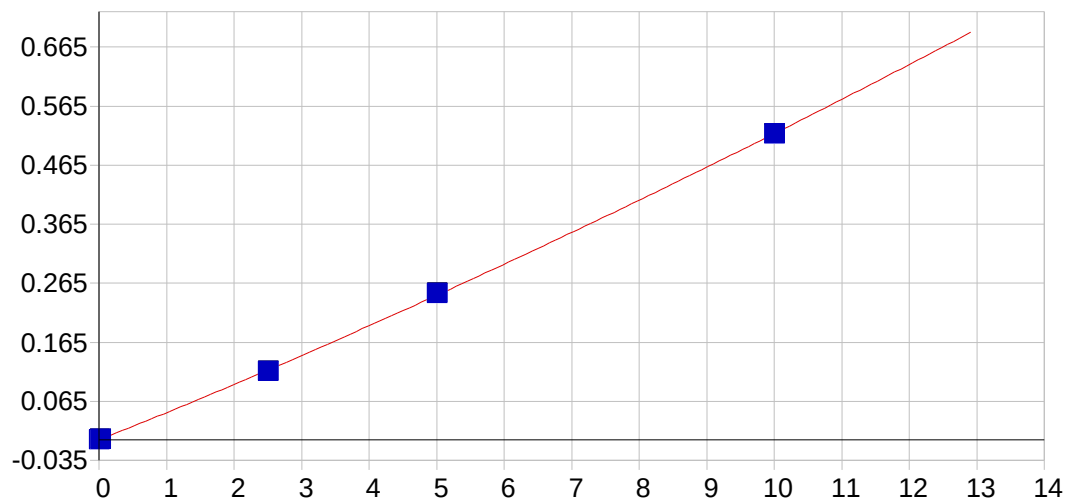


B 249.678 {135}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000296 Re-Slope: 1.000000
 A1 (Gain): 0.033710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.012055
 Predicted MQL: 0.040182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.10000	.10166	.002	1.66	.00371	.000	1
S3	2.5000	2.4644	-.036	-1.42	.08318	.000	1
S4	5.0000	5.0685	.069	1.37	.17076	.000	1
S5	10.000	9.9654	-.035	-.346	.33544	.001	1



S 182.034 {485}

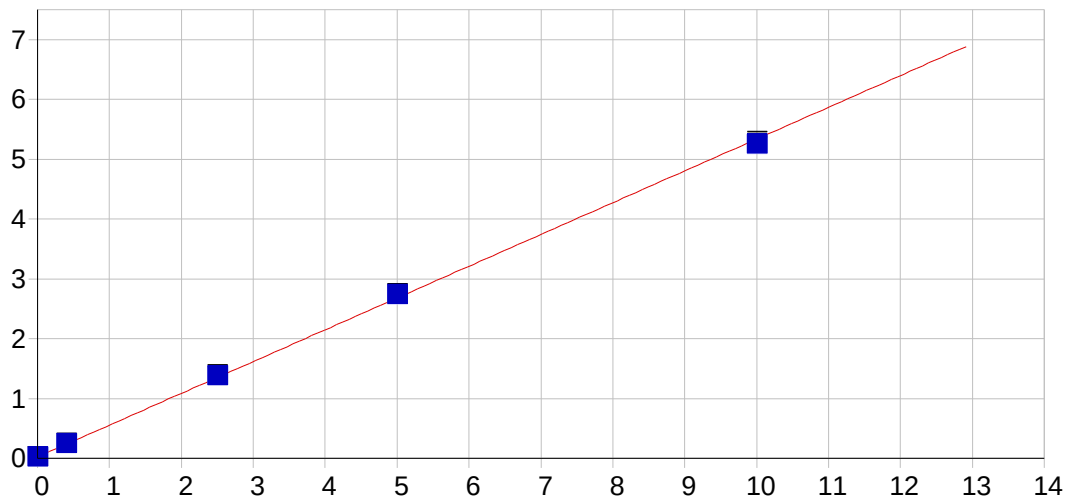
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.045233 Y-int: 0.000000

A2 (Curvature): 0.000407
 n (Exponent): 1.020000
 Correlation: 0.999937
 Std Error of Est: 0.000024
 Predicted MDL: 0.003313
 Predicted MQL: 0.011044

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.02000	.02401	.004	20.0	.00101	.000	1
S3	2.5000	2.4533	-.047	-1.87	.11542	.000	1
S4	5.0000	5.0593	.059	1.19	.24729	.000	1
S5	10.000	9.9833	-.017	-.167	.51689	.001	1

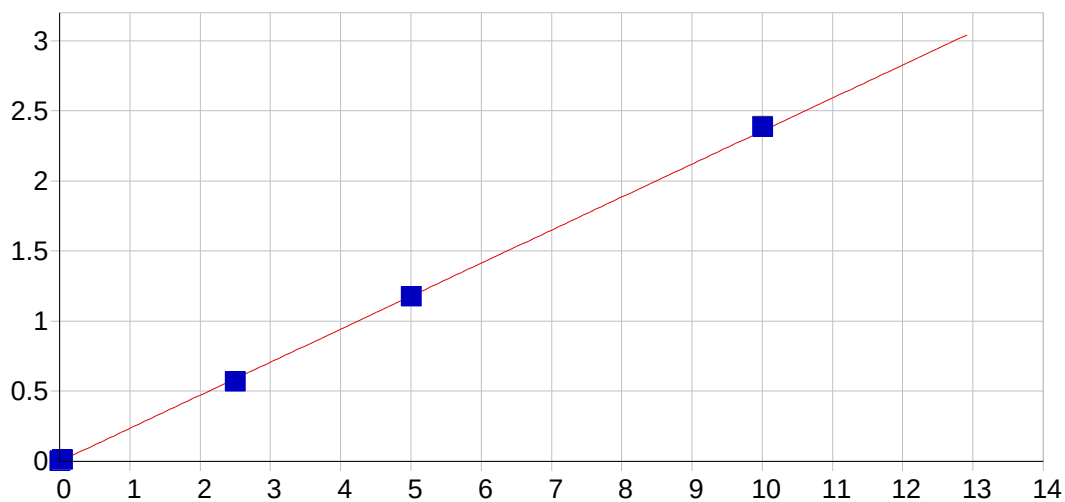


Si 288.158 {117}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022828 Re-Slope: 1.000000
 A1 (Gain): 0.531329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.001080
 Predicted MDL: 0.002730
 Predicted MQL: 0.009101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02282	.000	1
S1	.40000	.41439	.014	3.60	.24283	.000	1
S3	2.5000	2.5474	.047	1.90	1.3757	.014	1
S4	5.0000	5.1024	.102	2.05	2.7324	.016	1
S5	10.000	9.8358	-.164	-1.64	5.2461	.042	1

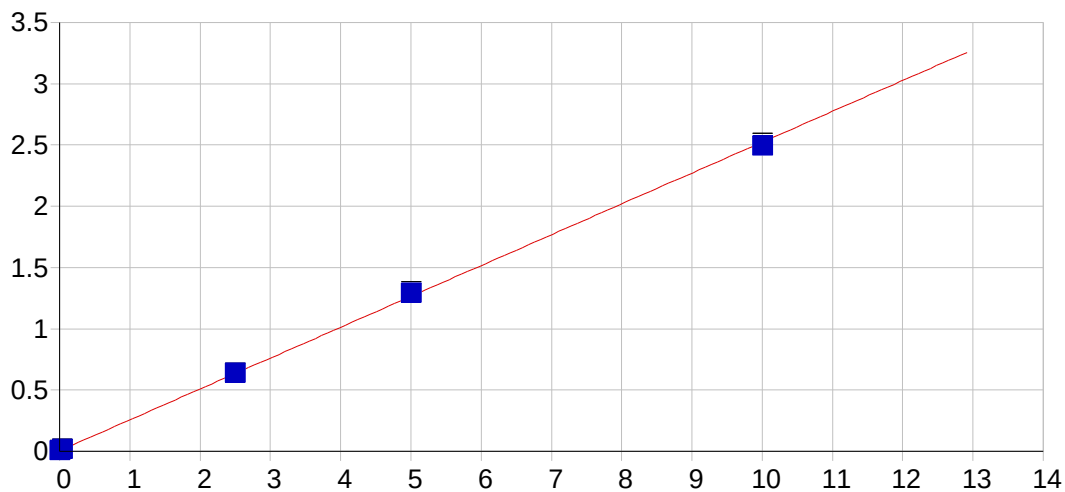


Sn 189.989 {477}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000523 Re-Slope: 1.000000
 A1 (Gain): 0.235553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.000654
 Predicted MQL: 0.002179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.04000	.04073	.001	1.83	.01012	.000	1
S3	2.5000	2.4033	-.097	-3.87	.56673	.000	1
S4	5.0000	4.9823	-.018	-.355	1.1743	.001	1
S5	10.000	10.114	.114	1.14	2.3833	.005	1



Ti 336.121 {100}

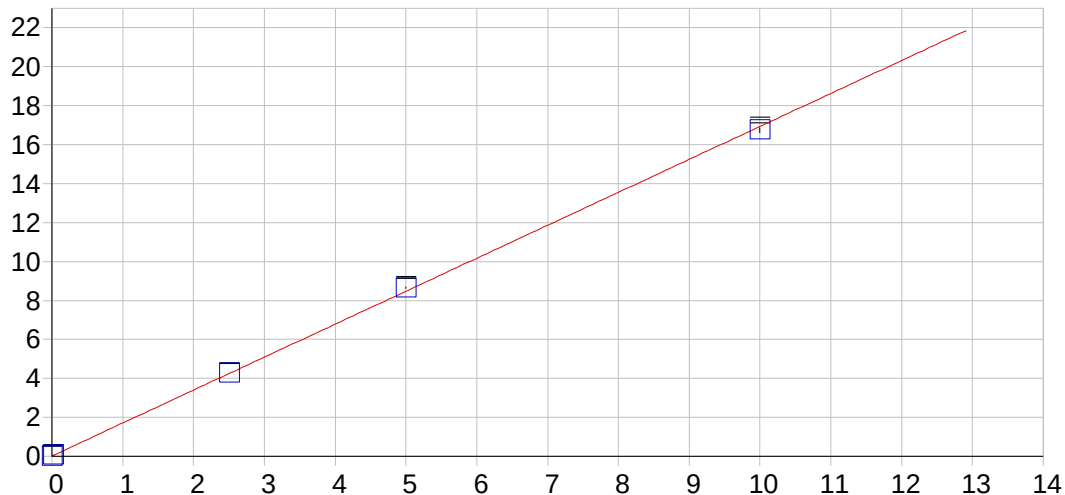
Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005196 Re-Slope: 1.000000
 A1 (Gain): 0.251810 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000134
 Predicted MDL: 0.002884
 Predicted MQL: 0.009613

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00519	.000	1
S1	.04000	.04258	.003	6.44	.01591	.000	1
S3	2.5000	2.5067	.007	.268	.63633	.002	1
S4	5.0000	5.1131	.113	2.26	1.2926	.006	1
S5	10.000	9.8776	-.122	-1.22	2.4922	.019	1



Li 670.784 { 50}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

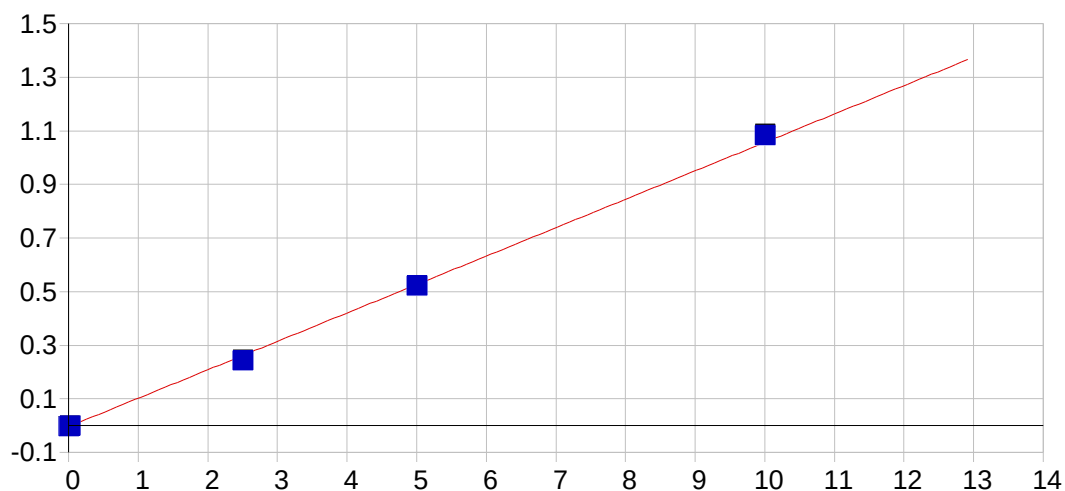
Weighting: 1/Conc

A0 (Offset): 0.016185
 A1 (Gain): 1.692053
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897
 Std Error of Est: 0.000587
 Predicted MDL: 0.002106
 Predicted MQL: 0.007019

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	.01618	.001	1
S1	.02000	.02068	.001	3.39	.05117	.001	1
S3	2.5000	2.5080	.008	.320	4.2599	.017	1
S4	5.0000	5.1061	.106	2.12	8.6561	.037	1
S5	10.000	9.8852	-.115	-1.15	16.742	.138	1

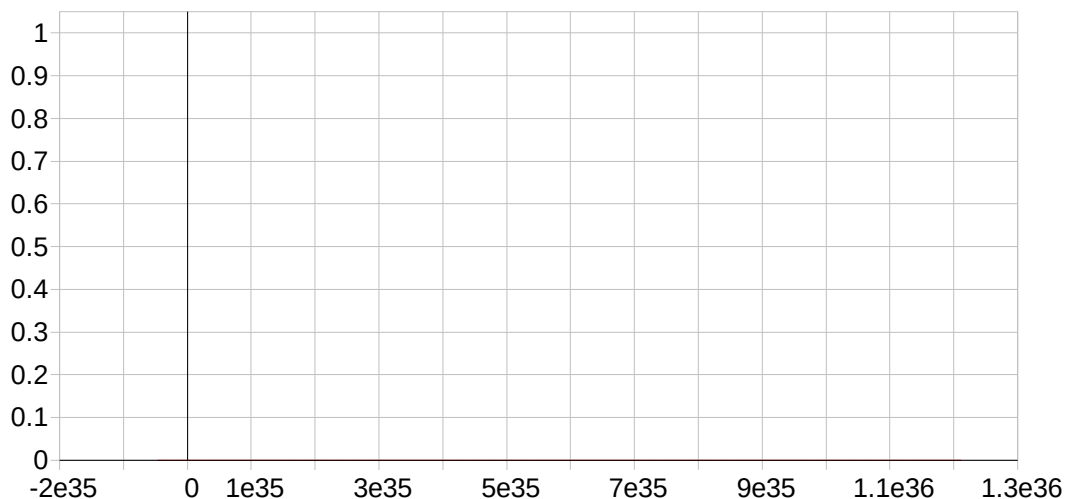


P 177.495 {490}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004080 Re-Slope: 1.000000
 A1 (Gain): 0.106072 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999450 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.001515
 Predicted MQL: 0.005050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00408	.000	1
S1	.02000	.01712	-.003	-14.4	-.00227	.000	1
S3	2.5000	2.3247	-.175	-7.01	.24212	.000	1
S4	5.0000	4.9381	-.062	-1.24	.51894	.000	1
S5	10.000	10.240	.240	2.40	1.0806	.004	1



Y 224.306 {450}*

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

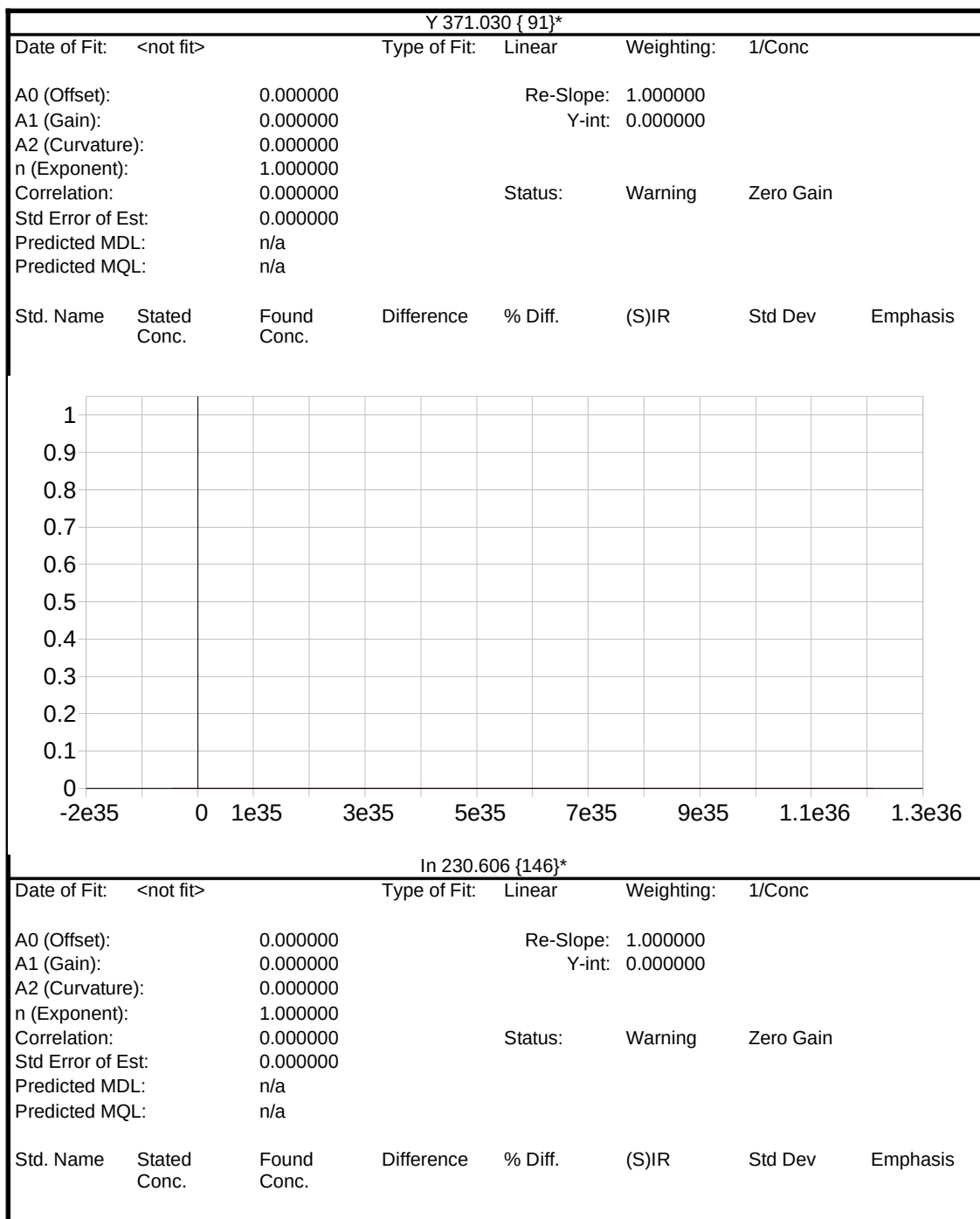
A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000

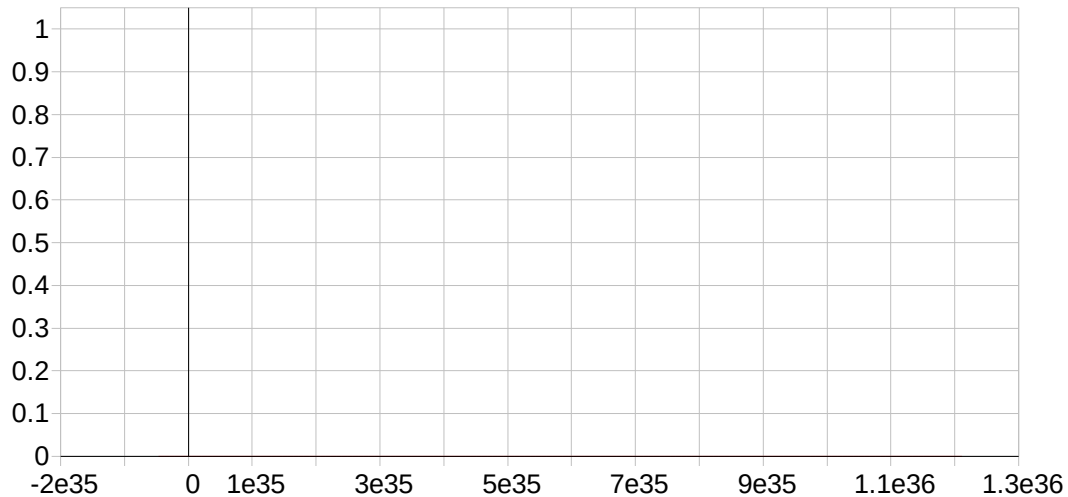
Status: Warning Zero Gain

$$Y_{360.073\{94\}^*}$$

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
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Status: Warning Zero Gain





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

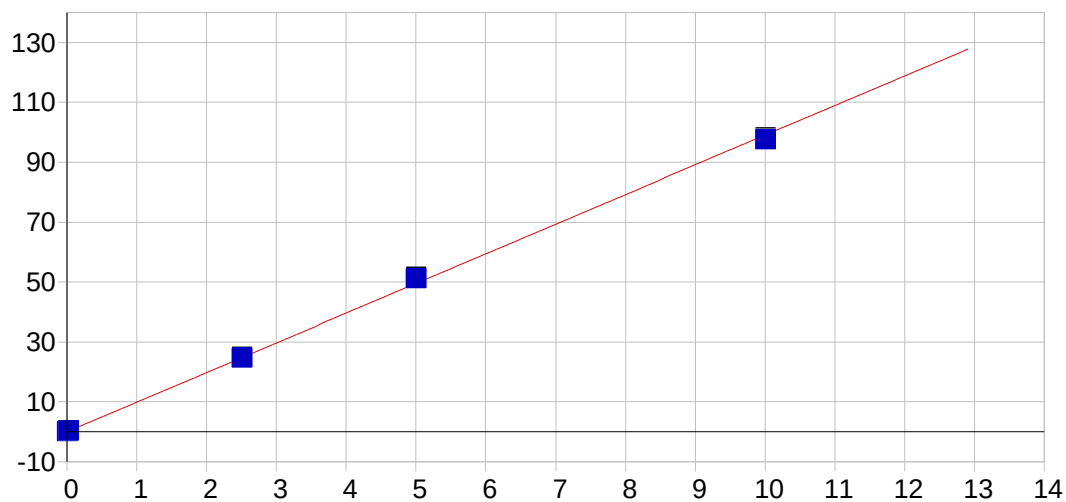
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 11/29/2018 17:29:29

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006883

Re-Slope: 1.000000

A1 (Gain): 9.905405

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999783

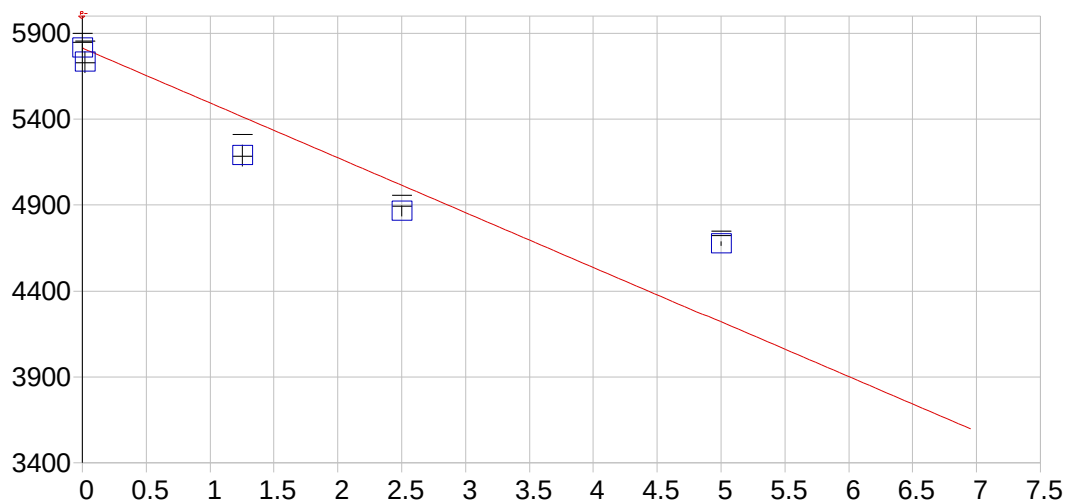
Status: OK.

Std Error of Est: 0.004988

Predicted MDL: 0.000141

Predicted MQL: 0.000469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00688	.000	1
S1	.02000	.01981	-.000	-.963	.19041	.000	1
S3	2.5000	2.4905	-.009	-.379	24.690	.135	1
S4	5.0000	5.1621	.162	3.24	51.180	.363	1
S5	10.000	9.8476	-.152	-1.52	97.646	.392	1

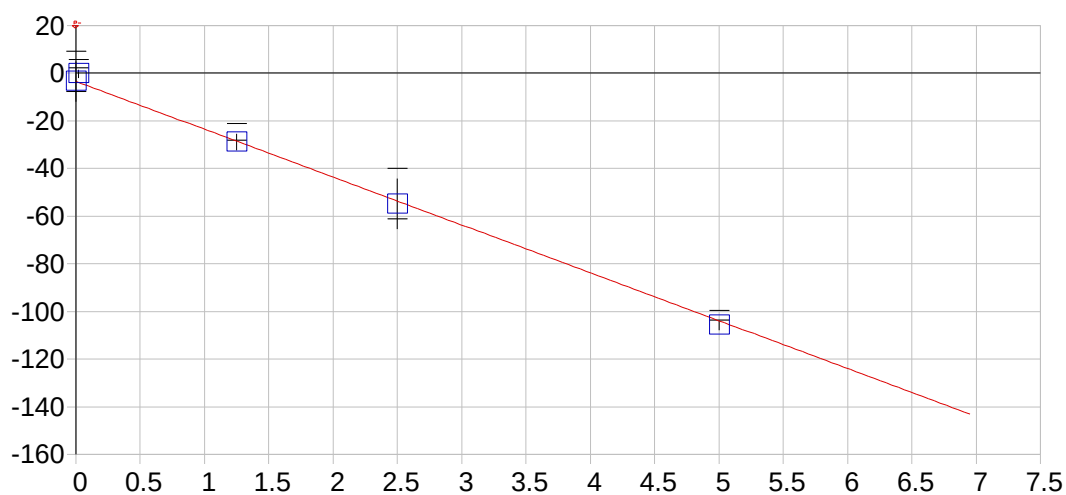


U 367.007 { 92 }

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5813.962205 Re-Slope: 1.000000
A1 (Gain): -318.940541 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.837690 Status: Warning Negative Gain
Std Error of Est: 3.553393
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	5814.0	27.5	1
S1	.02000	.25720	.237	1190.	5731.9	63.5	1
S3	1.2500	1.9676	.718	57.4	5186.4	63.5	1
S4	2.5000	2.9753	.475	19.0	4865.0	32.4	1
S5	5.0000	3.5699	-1.43	-28.6	4675.4	13.2	1



U 385.958 { 87}

Date of Fit: 11/29/2018 17:29:29 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -3.422573 Re-Slope: 1.000000

A1 (Gain): -20.088330 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.918138

Status: Warning Negative Gain

Std Error of Est: 0.148158

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-3.4262	8.44	1
S1	.02000	-.16045	-.180	-902.	-.19940	1.76	1
S3	1.2500	1.2689	.019	1.51	-28.913	3.54	1
S4	2.5000	2.5639	.064	2.56	-54.928	10.6	1
S5	5.0000	5.0976	.098	1.95	-105.82	2.02	1

Sample Name: S0 Acquired: 11/29/2018 11:17:27 Type: Cal
Method: P4-ICP2(v2616) 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	-.00009	-.00084	.00166	-.00018	.00045	-.00003	.10537	.00006
Stddev	.00010	.00009	.00008	.00008	.00005	.00010	.00144	.00002
%RSD	103.58	11.081	4.7897	45.639	12.260	360.88	1.3680	33.369

#1	-.00016	-.00091	.00160	-.00012	.00041	-.00010	.10639	.00007
#2	-.00003	-.00078	.00171	-.00024	.00049	.00004	.10435	.00005

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	-.00118	.00019	.00006	-.00005	-.00018	.00250	.00041	.00025
Stddev	.00011	.00013	.00003	.00004	.00020	.00542	.00001	.00002
%RSD	9.3837	68.449	41.604	85.818	111.31	216.88	2.0919	8.1646

#1	-.00126	.00010	.00004	-.00002	-.00032	-.00133	.00040	.00027
#2	-.00110	.00028	.00008	-.00007	-.00004	.00633	.00042	.00024

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	-.00526	.00002	.02221	-.00003	.32255	-.03829	.00034	.00030
Stddev	.00008	.00003	.00026	.00009	.00338	.00213	.00001	.00011
%RSD	1.6058	113.89	1.1832	321.77	1.0478	5.5657	4.2166	36.791

#1	-.00520	.00004	.02240	-.00009	.32494	-.03678	.00035	.00022
#2	-.00532	.00000	.02202	.00004	.32016	-.03979	.00033	.00037

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	.00003	.02282	.00052	.00519	.01618	-.0041	-.00688	5814.0
Stddev	.00007	.00041	.00006	.00009	.00114	.0000	.00028	27.5
%RSD	228.98	1.8142	12.146	1.6978	7.0489	.4536	4.0976	.47271

#1	-.00002	.02311	.00057	.00526	.01538	-.0041	-.00708	5794.6
#2	.00008	.02252	.00048	.00513	.01699	-.0041	-.00668	5833.5

Sample Name: S0 Acquired: 11/29/2018 11:17:27 Type: Cal
Method: P4-ICP2(v2616) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units Cts/S
Avg -3.4262
Stddev 8.4430
%RSD 246.43

#1 -9.3962
#2 2.5439

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4174.0	54215.	4128.0	62.153	4563.2
Stddev	12.5	52.	32.3	.452	2.5
%RSD	.30061	.09572	.78352	.72656	.05492

#1	4165.1	54179.	4105.1	62.473	4561.4
#2	4182.8	54252.	4150.9	61.834	4565.0

Sample Name: S1 Acquired: 11/29/2018 11:21:30 Type: Cal
Method: P4-ICP2(v2616) 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	.00137	.00656	.00428	.00118	.00783	.00057	.57405	.00582
Stddev	.00008	.00024	.00005	.00002	.00015	.00003	.00809	.00000
%RSD	5.8696	3.6998	1.1371	2.0929	1.9472	5.6087	1.4097	.01302

#1	.00143	.00673	.00432	.00119	.00772	.00055	.56833	.00582
#2	.00131	.00639	.00425	.00116	.00794	.00060	.57977	.00582

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	.01776	.00219	.03475	.01365	.14849	.02941	.02237	.00186
Stddev	.00012	.00007	.00032	.00002	.02788	.00024	.00002	.00002
%RSD	.67155	3.4020	.93194	.12963	18.778	.81637	.10677	1.0356

#1	.01767	.00224	.03452	.01366	.16820	.02924	.02238	.00187
#2	.01784	.00214	.03498	.01364	.12877	.02958	.02235	.00184

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	.00973	7.3013	.16720	.00371	.00101	.24283	.01012	.01591
Stddev	.00005	.0150	.00016	.00047	.00024	.00020	.00001	.00040
%RSD	.50764	.20501	.09539	12.762	23.604	.08403	.05200	2.5428

#1	.00970	7.2907	.16709	.00337	.00118	.24297	.01012	.01563
#2	.00977	7.3119	.16731	.00404	.00084	.24268	.01011	.01620

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05117	-.0023	.19041	5731.9	-.19940
Stddev	.00071	.0000	.00003	63.5	1.7625
%RSD	1.3808	.6044	.01722	1.1076	883.88

#1	.05067	-.0023	.19038	5776.8	-1.4457
#2	.05167	-.0023	.19043	5687.0	1.0469

Sample Name: S1 Acquired: 11/29/2018 11:21:30 Type: Cal
Method: P4-ICP2(v2616) 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	4150.4	54070.	4143.9	61.683	4498.9
Stddev	26.3	13.	45.7	.352	18.5
%RSD	.63295	.02422	1.1034	.57057	.41041
#1	4131.8	54061.	4111.5	61.434	4485.9
#2	4169.0	54079.	4176.2	61.932	4512.0

Sample Name: S2 Acquired: 11/29/2018 11:25:32 Type: Cal
Method: P4-ICP2(v2616) 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	.08858	.01429	.60957	.17822
Stddev	.00057	.00008	.00274	.00393
%RSD	.64782	.57926	.44970	2.2048

#1	.08818	.01434	.61151	.18100
#2	.08899	.01423	.60763	.17544

Int. Std.	Y_3710
Units	Cts/S
Avg	4176.9
Stddev	22.7
%RSD	.54416

#1	4160.9
#2	4193.0

Sample Name: S3 Acquired: 11/29/2018 11:29:28 Type: Cal
Method: P4-ICP2(v2616) 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	.17038	.40374	.52416	.16651	.33558	.03106	22.646	.11890
Stddev	.00034	.00010	.00347	.00007	.00008	.00023	.077	.00029
%RSD	.19728	.02496	.66181	.04148	.02381	.73423	.33986	.24539
#1	.17014	.40367	.52662	.16656	.33552	.03090	22.700	.11911
#2	.17062	.40381	.52171	.16646	.33564	.03122	22.591	.11869
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9617	.53312	.10081	1.3273	.39578	3.6155	1.6487	.08547
Stddev	.0070	.00070	.00013	.0003	.00068	.0294	.0025	.00054
%RSD	.17581	.13180	.13280	.02582	.17210	.81213	.15207	.63142
#1	3.9666	.53362	.10091	1.3271	.39627	3.5947	1.6469	.08585
#2	3.9568	.53263	.10072	1.3276	.39530	3.6362	1.6504	.08509
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	.78335	.10755	3.4982	.27386	192.25	1.2621	1.9944	.08318
Stddev	.00116	.00051	.0138	.00090	2.60	.0044	.0043	.00006
%RSD	.14778	.47262	.39312	.32925	1.3543	.34537	.21423	.07410
#1	.78417	.10719	3.5080	.27322	194.09	1.2651	1.9914	.08322
#2	.78253	.10791	3.4885	.27450	190.41	1.2590	1.9975	.08313
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	.11542	1.3757	.56673	.63633	4.2599	.2421	24.690	5186.4
Stddev	.00029	.0136	.00032	.00192	.0173	.0003	.135	63.5
%RSD	.25154	.98972	.05725	.30135	.40700	.1067	.54877	1.2236
#1	.11563	1.3853	.56696	.63768	4.2721	.2419	24.786	5141.6
#2	.11522	1.3660	.56650	.63497	4.2476	.2423	24.594	5231.3

Sample Name: S3 Acquired: 11/29/2018 11:29:28 Type: Cal
Method: P4-ICP2(v2616) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-28.913
Stddev	3.535
%RSD	12.227

#1	-31.412
#2	-26.413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4052.3	52123.	4100.6	60.335	4115.6
Stddev	6.4	217.	39.1	.798	3.1
%RSD	.15898	.41586	.95249	1.3232	.07446

#1	4056.8	51969.	4073.0	59.770	4113.5
#2	4047.7	52276.	4128.2	60.899	4117.8

Sample Name: S4 Acquired: 11/29/2018 11:33:14 Type: Cal
Method: P4-ICP2(v2616) 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	.35031	.83011	1.0849	.33999	.68760	.06441	46.440	.24202
Stddev	.00030	.00200	.0017	.00061	.00097	.00001	.039	.00020
%RSD	.08510	.24081	.15221	.17876	.14109	.02127	.08480	.08076
#1	.35052	.83153	1.0860	.33956	.68828	.06440	46.412	.24189
#2	.35010	.82870	1.0837	.34041	.68691	.06442	46.468	.24216
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	8.2916	1.1016	.20631	2.7641	.79592	7.3311	3.3337	.17280
Stddev	.0012	.0080	.00002	.0011	.00122	.0393	.0011	.00127
%RSD	.01420	.72987	.00805	.04063	.15374	.53577	.03204	.73668
#1	8.2908	1.0959	.20630	2.7633	.79678	7.3589	3.3344	.17190
#2	8.2924	1.1073	.20632	2.7649	.79505	7.3034	3.3329	.17370
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	1.6215	.21725	7.0859	.55960	392.56	2.5994	4.0438	.17076
Stddev	.0016	.00025	.0188	.00006	2.51	.0121	.0020	.00015
%RSD	.09688	.11499	.26522	.01125	.63933	.46761	.04965	.08916
#1	1.6204	.21707	7.0726	.55965	394.33	2.5908	4.0423	.17065
#2	1.6226	.21743	7.0992	.55956	390.79	2.6080	4.0452	.17087
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	.24729	2.7324	1.1743	1.2926	8.6561	.5189	51.180	4865.0
Stddev	.00029	.0156	.0011	.0064	.0366	.0003	.363	32.4
%RSD	.11689	.56924	.09712	.49760	.42233	.0629	.70891	.66505
#1	.24709	2.7214	1.1751	1.2880	8.6302	.5192	50.924	4842.1
#2	.24750	2.7434	1.1735	1.2971	8.6819	.5187	51.437	4887.9

Sample Name: S4 Acquired: 11/29/2018 11:33:14 Type: Cal
Method: P4-ICP2(v2616) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-54.928
Stddev	10.602
%RSD	19.302

#1	-47.431
#2	-62.425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.3	50738.	4027.6	59.048	3899.9
Stddev	8.2	161.	4.9	.467	7.4
%RSD	.20530	.31640	.12173	.79101	.18992

#1	3966.5	50625.	4031.1	58.717	3894.7
#2	3978.0	50852.	4024.1	59.378	3905.2

Sample Name: S5 Acquired: 11/29/2018 11:37:01 Type: Cal
Method: P4-ICP2(v2616) 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	.68884	1.6521	2.2028	.66636	1.3543	.12832	89.017	.47738
Stddev	.00023	.0048	.0027	.00032	.0008	.00074	.637	.00010
%RSD	.03297	.29019	.12349	.04810	.06270	.57855	.71518	.02044

#1	.68868	1.6555	2.2047	.66659	1.3549	.12780	88.567	.47745
#2	.68900	1.6487	2.2008	.66614	1.3537	.12885	89.467	.47732

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.947	2.1062	.40404	5.6601	1.5344	14.645	6.4285	.33518
Stddev	.018	.0297	.00177	.0073	.0021	.063	.0105	.00199
%RSD	.10646	1.4126	.43927	.12904	.13684	.43190	.16268	.59270

#1	16.960	2.0851	.40278	5.6653	1.5359	14.600	6.4359	.33378
#2	16.934	2.1272	.40529	5.6549	1.5330	14.689	6.4211	.33658

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	3.2885	.42762	13.757	1.0967	774.19	5.0393	7.8416	.33544
Stddev	.0020	.00030	.114	.0006	3.08	.0445	.0047	.00055
%RSD	.06053	.06956	.83076	.05972	.39806	.88327	.06030	.16266

#1	3.2899	.42783	13.676	1.0972	772.01	5.0078	7.8450	.33505
#2	3.2871	.42741	13.837	1.0962	776.36	5.0708	7.8383	.33582

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	.51689	5.2461	2.3833	2.4922	16.742	1.081	97.646	4675.4
Stddev	.00074	.0421	.0048	.0191	.138	.004	.392	13.2
%RSD	.14280	.80266	.20136	.76468	.82577	.3421	.40127	.28256

#1	.51741	5.2163	2.3867	2.4787	16.645	1.083	97.369	4684.7
#2	.51637	5.2758	2.3799	2.5056	16.840	1.078	97.923	4666.0

Sample Name: S5 Acquired: 11/29/2018 11:37:01 Type: Cal
Method: P4-ICP2(v2616) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-105.82
Stddev	2.02
%RSD	1.9041

#1	-107.25
#2	-104.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3869.3	49616.	4055.9	56.862	3604.3
Stddev	6.1	16.	23.3	.178	8.9
%RSD	.15745	.03183	.57496	.31321	.24764

#1	3865.0	49604.	4072.4	56.988	3598.0
#2	3873.6	49627.	4039.4	56.736	3610.6

Sample Name: ICV01 Acquired: 11/29/2018 11:41:02 Type: Unk
Method: P4-ICP2(v2616) 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	1.0132	1.0378	.98932	1.0218	1.0053	2.5883	F .53092	.50278
Stddev	.0042	.0102	.01118	.0090	.0050	.0224	.00182	.00246
%RSD	.41402	.98027	1.1302	.88242	.49751	.86716	.34359	.48911
#1	1.0103	1.0306	.98141	1.0155	1.0018	2.5724	.53221	.50452
#2	1.0162	1.0450	.99723	1.0282	1.0089	2.6041	.52963	.50105
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48347	10.413	F .52294	.49967	.51639	5.1577	F .53470	6.2054
Stddev	.00451	.135	.00057	.00608	.00549	.0640	.00261	.0370
%RSD	.93293	1.3001	.10972	1.2165	1.0623	1.2407	.48871	.59582
#1	.48028	10.317	.52254	.49537	.51251	5.2030	.53655	6.2316
#2	.48666	10.508	.52335	.50397	.52027	5.1125	.53285	6.1793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49974	.50630	10.382	.51102	1.0554	10.464	2.5164	2.5318
Stddev	.00475	.00598	.024	.00143	.0078	.094	.0227	.0227
%RSD	.94984	1.1818	.22775	.28041	.74106	.89752	.90262	.89602
#1	.49639	.51053	10.399	.51203	1.0609	10.398	2.5003	2.5157
#2	.50310	.50207	10.366	.51000	1.0499	10.531	2.5324	2.5478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.6529	2.5104	2.3821	2.5485	2.5868	F 2.360	2.4774	F 2.0994
Stddev	.0278	.0160	.0245	.0074	.0023	.024	.0124	.0537
%RSD	1.0484	.63616	1.0295	.28966	.08853	1.035	.49845	2.5564
#1	2.6332	2.5217	2.3648	2.5537	2.5852	2.343	2.4687	2.0614
#2	2.6725	2.4991	2.3994	2.5432	2.5884	2.378	2.4862	2.1373

Sample Name: ICV01 Acquired: 11/29/2018 11:41:02 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5997
Stddev	.4897
%RSD	30.612

#1	1.2535
#2	1.9460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4128.9	52906.	4134.8	60.830	4265.5
Stddev	30.8	64.	.9	.614	35.0
%RSD	.74551	.12171	.02224	1.0097	.82063

#1	4150.7	52951.	4134.2	60.395	4290.3
#2	4107.2	52860.	4135.5	61.264	4240.8

Sample Name: LLICV01 Acquired: 11/29/2018 11:44:50 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02127	.04627	.01119	.01912	.05596	.10845	.11149
Stddev	.00407	.00038	.00053	.00164	.00215	.01675	.00042
%RSD	19.153	.81683	4.7168	8.5541	3.8502	15.447	.37660

#1	.02415	.04600	.01157	.02028	.05748	.09660	.11119
#2	.01839	.04654	.01082	.01797	.05444	.12029	.11179

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00625	.00583	2.0717	.01088	.03211	.02121	.10539
Stddev	.00004	.00001	.0059	.00003	.00006	.00002	.01135
%RSD	.63201	.09946	.28665	.27628	.17630	.07255	10.768

#1	.00622	.00582	2.0675	.01090	.03215	.02120	.11341
#2	.00628	.00583	2.0759	.01086	.03207	.02122	.09736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02336	2.2161	.04284	.01142	2.1349	.04466	.04574
Stddev	.00004	.0383	.00017	.00066	.0085	.00014	.00031
%RSD	.16147	1.7263	.39928	5.7509	.39816	.32309	.66982

#1	.02333	2.2432	.04272	.01188	2.1289	.04456	.04552
#2	.02338	2.1891	.04296	.01096	2.1409	.04476	.04596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1211	.20949	.09840	.01716	.42605	.04234	.04634
Stddev	.0031	.00075	.01493	.00252	.00172	.00007	.00295
%RSD	.14772	.35715	15.170	14.701	.40259	.16346	6.3727

#1	2.1233	.21002	.08784	.01537	.42727	.04229	.04425
#2	2.1189	.20896	.10895	.01894	.42484	.04239	.04843

Sample Name: LLICV01 Acquired: 11/29/2018 11:44:50 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01982	.0181	.02161	F 1.8606	F<.00000
Stddev	.00138	.0003	.00017	.0891	.23931
%RSD	6.9431	1.896	.78066	4.7900	20675.

#1	.02079	.0178	.02173	1.9236	-.17038
#2	.01885	.0183	.02149	1.7975	.16806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.8	53299.	4131.2	61.515	4485.5
Stddev	1.1	338.	42.4	.101	10.7
%RSD	.02728	.63327	1.0255	.16459	.23763

#1	4127.0	53060.	4101.2	61.586	4477.9
#2	4128.6	53538.	4161.2	61.443	4493.0

Sample Name: ICB01 Acquired: 11/29/2018 11:49:58 Type: Unk
Method: P4-ICP2(v2616) 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	.00023	.00095	-.00089	-.00115	.00264	.00783	.00223	-.00002
Stddev	.00094	.00151	.00034	.00204	.00106	.00653	.00015	.00001
%RSD	416.41	159.10	37.565	177.42	40.203	83.409	6.7268	42.127
#1	.00089	-.00012	-.00066	.00029	.00189	.00321	.00234	-.00003
#2	-.00044	.00201	-.00113	-.00259	.00340	.01244	.00213	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00256	.00006	-.00015	-.00007	-.00886	.00000	-.09138
Stddev	.00003	.01153	.00016	.00003	.00019	.00226	.00004	.01922
%RSD	68.074	449.78	286.26	22.664	264.03	25.447	2124.3	21.031
#1	.00006	-.00559	.00017	-.00012	-.00021	-.00727	.00003	-.10497
#2	.00002	.01071	-.00006	-.00017	.00006	-.01046	-.00003	-.07779
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00059	-.02948	-.00040	-.00058	.00368	.00010	.01192
Stddev	.00007	.00017	.01123	.00020	.00002	.03453	.00009	.00452
%RSD	47.506	28.312	38.075	50.116	2.7722	938.48	84.543	37.910
#1	.00010	.00071	-.02155	-.00054	-.00057	.02809	.00004	.00873
#2	.00020	.00048	-.03742	-.00026	-.00059	-.02073	.00017	.01512
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	.00128	-.00029	.00132	.00092	-.0002	.00007	F 2.0054
Stddev	.00094	.00238	.00031	.00197	.00040	.0005	.00004	.0582
%RSD	181.15	185.96	107.06	148.44	42.941	270.1	59.566	2.9031
#1	-.00015	.00297	-.00051	-.00007	.00120	-.0006	.00004	2.0466
#2	.00119	-.00040	-.00007	.00271	.00064	.0002	.00010	1.9642

Sample Name: ICB01 Acquired: 11/29/2018 11:49:58 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .64253
Stddev	.04853
%RSD	7.5532

#1	.60822
#2	.67685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.2	53419.	4074.0	61.472	4543.1
Stddev	9.1	216.	17.3	.718	12.3
%RSD	.22046	.40477	.42453	1.1686	.27106

#1	4133.6	53266.	4061.7	61.980	4551.8
#2	4120.7	53572.	4086.2	60.964	4534.4

Sample Name: CRI01 Acquired: 11/29/2018 11:54:01 Type: Unk
Method: P4-ICP2(v2616) 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	.02054	.04507	.01134	.02170	.05586	.10152	.10839	.00615
Stddev	.00054	.00117	.00000	.00018	.00087	.00720	.00264	.00004
%RSD	2.6431	2.6070	.00841	.81118	1.5515	7.0961	2.4353	.63235
#1	.02016	.04590	.01134	.02182	.05525	.10661	.11026	.00618
#2	.02093	.04424	.01134	.02157	.05647	.09642	.10653	.00612
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00568	2.1635	.01092	.03188	.02202	.08299	.02295	2.0957
Stddev	.00012	.0248	.00062	.00027	.00023	.00870	.00012	.0166
%RSD	2.1096	1.1447	5.6528	.84206	1.0372	10.489	.52022	.79370
#1	.00560	2.1811	.01136	.03207	.02218	.07683	.02304	2.1075
#2	.00577	2.1460	.01049	.03169	.02186	.08914	.02287	2.0839
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04183	.01018	2.0892	.04366	.04476	2.0729	.20779	.09706
Stddev	.00011	.00033	.0395	.00021	.00117	.0257	.00126	.01286
%RSD	.26400	3.2743	1.8894	.48531	2.6078	1.2424	.60692	13.253
#1	.04191	.01041	2.1171	.04381	.04558	2.0911	.20868	.08796
#2	.04175	.00994	2.0613	.04351	.04393	2.0547	.20690	.10615
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02259	.41309	.04057	.04571	.02008	.0200	.02137	F 2.3198
Stddev	.00129	.01024	.00020	.00015	.00062	.0002	.00024	.1973
%RSD	5.7190	2.4787	.48989	.33622	3.0724	.7586	1.1354	8.5063
#1	.02351	.42033	.04071	.04582	.02052	.0199	.02154	2.4594
#2	.02168	.40585	.04043	.04560	.01965	.0201	.02120	2.1803

Sample Name: CRI01 Acquired: 11/29/2018 11:54:01 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .37642
Stddev	.33504
%RSD	89.007

#1	.61333
#2	.13951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.1	52934.	4182.9	62.786	4451.4
Stddev	13.5	79.	80.7	1.292	4.1
%RSD	.33086	.14876	1.9295	2.0579	.09117

#1	4084.5	52878.	4125.8	61.873	4448.5
#2	4103.7	52989.	4239.9	63.700	4454.3

Sample Name: ICSA01 Acquired: 11/29/2018 11:58:03 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00253	.00096	.00110	-.00506	.00593	286.87	.00682	.00043
Stddev	.00072	.00272	.00005	.00235	.00208	1.57	.00023	.00010
%RSD	28.498	282.82	4.3571	46.413	35.129	.54582	3.4149	22.604
#1	.00304	-.00096	.00107	-.00672	.00446	287.97	.00699	.00050
#2	.00202	.00288	.00114	-.00340	.00741	285.76	.00666	.00036
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	259.56	.05887	-.00096	.00027	102.11	.01544	264.58
Stddev	.00035	2.71	.00068	.00026	.00018	4.12	.00006	4.76
%RSD	14.610	1.0449	1.1482	27.600	64.488	4.0347	.39736	1.8007
#1	-.00268	261.47	.05935	-.00114	.00015	105.02	.01539	267.95
#2	-.00218	257.64	.05839	-.00077	.00040	99.195	.01548	261.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00708	-.00700	.00605	.00090	-.00075	.02150	-.00020	-.02095
Stddev	.00013	.00041	.01205	.00026	.00000	.01111	.00000	.01036
%RSD	1.7934	5.7934	199.09	29.196	.29730	51.682	1.8065	49.439
#1	-.00699	-.00728	.01458	.00109	-.00076	.02936	-.00020	-.01363
#2	-.00717	-.00671	-.00247	.00072	-.00075	.01364	-.00020	-.02828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01140	-.00691	.00505	-.00206	.00663	.0022	-.00121	F 4.2923
Stddev	.00250	.00025	.00116	.00093	.00062	.0001	.00320	.1042
%RSD	21.907	3.5793	23.033	45.118	9.3073	3.366	264.88	2.4265
#1	.01317	-.00709	.00587	-.00140	.00707	.0022	-.00347	4.3659
#2	.00963	-.00674	.00423	-.00272	.00620	.0023	.00105	4.2186

Sample Name: ICSA01 Acquired: 11/29/2018 11:58:03 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 16.599
Stddev .586
%RSD 3.5280

#1 16.185
#2 17.013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.3	46457.	3989.5	55.722	3513.7
Stddev	.1	263.	55.8	2.037	15.9
%RSD	.00284	.56630	1.3978	3.6566	.45141

#1	3675.3	46271.	3950.1	54.281	3502.4
#2	3675.4	46643.	4029.0	57.163	3524.9

Sample Name: ICSAB01 Acquired: 11/29/2018 12:02:10 Type: Unk
Method: P4-ICP2(v2616) 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	.10283	.10340	.04807	.04290	.61576	283.51	.52335	.54197
Stddev	.00156	.00094	.00406	.00138	.00457	1.05	.00596	.00025
%RSD	1.5201	.90448	8.4499	3.2277	.74287	.37065	1.1381	.04590

#1	.10173	.10406	.04520	.04388	.61252	282.77	.52756	.54180
#2	.10394	.10274	.05094	.04192	.61899	284.26	.51914	.54215

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97489	255.82	.56914	.49137	.49530	100.03	.52911	261.93
Stddev	.00577	2.83	.00308	.00427	.00160	1.11	.00195	1.51
%RSD	.59151	1.1049	.54170	.86970	.32228	1.1088	.36885	.57705

#1	.97081	257.82	.57132	.48834	.49417	100.81	.53049	263.00
#2	.97897	253.82	.56696	.49439	.49643	99.241	.52773	260.86

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96053	.20469	-.00671	.50075	1.0002	.01299	F .76984	F .75675
Stddev	.00668	.00007	.00620	.00110	.0130	.02835	.00361	.00522
%RSD	.69514	.03260	92.430	.21936	1.2990	218.29	.46901	.68971

#1	.95581	.20464	-.01109	.49997	1.0094	.03303	.76729	.75305
#2	.96525	.20473	-.00232	.50153	.99099	-.00706	.77239	.76044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.2350	F .70133	F .76048	F .78019	F 1.1114	F 1.158	F 1.0307	F 4.4185
Stddev	.0068	.00934	.00671	.00123	.0010	.005	.0141	.1116
%RSD	.55414	1.3321	.88197	.15762	.08899	.4651	1.3666	2.5264

#1	1.2302	.70794	.75573	.78106	1.1107	1.154	1.0406	4.4975
#2	1.2398	.69472	.76522	.77933	1.1121	1.161	1.0207	4.3396

Sample Name: ICSAB01 Acquired: 11/29/2018 12:02:10 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 16.359
 Stddev .528
 %RSD 3.2305

#1 15.986
 #2 16.733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3674.6	46722.	4006.9	56.592	3488.5
Stddev	5.7	33.	52.7	.913	9.7
%RSD	.15547	.07044	1.3145	1.6137	.27931

#1	3670.6	46699.	3969.7	55.947	3495.4
#2	3678.6	46746.	4044.2	57.238	3481.6

Sample Name: CCV01 Acquired: 11/29/2018 12:09:52 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8613	4.8665	4.8336	4.9143	4.9726	9.9983	9.7398	.24876
Stddev	.0019	.0082	.0090	.0186	.0120	.0076	.1810	.00001
%RSD	.03912	.16777	.18581	.37861	.24159	.07618	1.8583	.00208
#1	4.8600	4.8723	4.8399	4.9275	4.9811	9.9929	9.6118	.24877
#2	4.8627	4.8607	4.8272	4.9012	4.9641	10.004	9.8678	.24876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4155	24.870	1.0098	2.4231	1.2381	4.8117	2.5062	23.902
Stddev	.0045	.380	.0001	.0032	.0014	.1972	.0053	.414
%RSD	.18490	1.5294	.00669	.13073	.11006	4.0986	.21109	1.7340
#1	2.4187	24.601	1.0098	2.4253	1.2372	4.6723	2.5100	23.609
#2	2.4124	25.139	1.0098	2.4208	1.2391	4.9512	2.5025	24.195
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3991	1.2044	24.146	2.4269	2.4928	23.911	4.8784	4.8083
Stddev	.0014	.0020	.469	.0015	.1020	.498	.0003	.0658
%RSD	.05642	.16287	1.9426	.06382	4.0928	2.0831	.00524	1.3680
#1	2.4000	1.2030	23.815	2.4280	2.4206	23.559	4.8785	4.7618
#2	2.3981	1.2058	24.478	2.4258	2.5649	24.264	4.8782	4.8549
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9352	4.7888	4.7854	4.8495	4.8107	4.809	4.9824	F 3.8110
Stddev	.0076	.0848	.0061	.0617	.1001	.013	.1082	.0481
%RSD	.15310	1.7703	.12810	1.2732	2.0806	.2678	2.1721	1.2614
#1	4.9406	4.7288	4.7898	4.8059	4.7399	4.818	4.9059	3.8450
#2	4.9299	4.8487	4.7811	4.8932	4.8814	4.800	5.0589	3.7771

Sample Name: CCV01 Acquired: 11/29/2018 12:09:52 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6759
Stddev	.0591
%RSD	2.2072

#1	2.7176
#2	2.6341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.6	50457.	4138.0	59.228	3892.9
Stddev	14.3	100.	60.5	2.303	16.1
%RSD	.36221	.19822	1.4624	3.8878	.41266

#1	3938.5	50386.	4180.8	60.857	3881.6
#2	3958.7	50528.	4095.2	57.600	3904.3

Sample Name: LLCCV01 Acquired: 11/29/2018 12:13:37 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02093	.04723	.01195	.01915	.05768	.11756	.11096	.00638
Stddev	.00023	.00077	.00011	.00142	.00152	.00460	.00005	.00013
%RSD	1.1008	1.6329	.92781	7.4360	2.6341	3.9150	.04416	2.0355
#1	.02076	.04778	.01203	.02016	.05661	.11431	.11100	.00629
#2	.02109	.04669	.01187	.01814	.05876	.12082	.11093	.00647
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.1923	.01127	.03236	.02205	.09153	.02361	2.1486
Stddev	.00002	.0457	.00002	.00030	.00008	.00500	.00042	.0871
%RSD	.29564	2.0823	.14109	.93631	.34386	5.4668	1.7662	4.0517
#1	.00591	2.2245	.01126	.03257	.02210	.08799	.02331	2.2101
#2	.00589	2.1600	.01129	.03214	.02200	.09507	.02390	2.0870
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04134	.01020	2.1139	.04445	.04640	2.1440	.20692	.11216
Stddev	.00005	.00002	.0216	.00025	.00099	.0098	.00034	.00745
%RSD	.13230	.21424	1.0240	.55479	2.1278	.45535	.16332	6.6411
#1	.04130	.01021	2.1292	.04427	.04570	2.1371	.20716	.10689
#2	.04138	.01018	2.0986	.04462	.04709	2.1509	.20668	.11743
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02032	.42311	.04085	.04600	.02137	.0180	.02224	F 2.4335
Stddev	.00430	.00089	.00000	.00110	.00221	.0002	.00011	.2178
%RSD	21.151	.20998	.00712	2.3815	10.363	1.258	.47908	8.9488
#1	.02336	.42248	.04085	.04522	.02294	.0181	.02232	2.2795
#2	.01728	.42374	.04085	.04677	.01980	.0178	.02217	2.5874

Sample Name: LLCCV01 Acquired: 11/29/2018 12:13:37 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51175
Stddev	.27516
%RSD	53.769

#1	.31718
#2	.70631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4146.7	53310.	4128.3	61.188	4508.4
Stddev	22.1	538.	14.9	1.351	.3
%RSD	.53191	1.0095	.36078	2.2088	.00656

#1	4131.1	53691.	4117.8	62.143	4508.2
#2	4162.3	52930.	4138.8	60.232	4508.6

Sample Name: CCB01 Acquired: 11/29/2018 12:17:41 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00089	-.00161	-.00073	.00106	.00173	.00201	-.00005
Stddev	.00244	.00020	.00077	.00143	.00001	.00585	.00080	.00000
%RSD	610.47	22.171	47.819	196.16	1.3305	338.53	39.940	7.4009
#1	-.00133	.00103	-.00216	-.00174	.00107	-.00241	.00258	-.00005
#2	.00213	.00075	-.00107	.00028	.00105	.00586	.00144	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00514	-.00008	-.00009	-.00001	-.00389	.00000	-.06211
Stddev	.00004	.00343	.00012	.00014	.00029	.00132	.00005	.00721
%RSD	123.72	66.774	152.43	161.78	2786.4	33.841	1919.8	11.601
#1	.00006	.00271	-.00017	.00001	.00020	-.00296	.00004	-.06720
#2	.00000	.00756	.00001	-.00019	-.00022	-.00482	-.00003	-.05701
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00054	-.04027	-.00012	-.00082	.02048	-.00015	-.00193
Stddev	.00058	.00046	.00047	.00009	.00001	.00712	.00001	.00082
%RSD	148.94	85.038	1.1778	69.152	1.4664	34.765	4.9396	42.546
#1	.00002	.00021	-.03993	-.00019	-.00081	.02552	-.00015	-.00135
#2	-.00080	.00086	-.04060	-.00006	-.00083	.01545	-.00014	-.00250
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00205	-.00002	.00335	-.00031	-.0005	.00001	F 2.5723
Stddev	.00535	.00147	.00005	.00204	.00075	.0008	.00005	.0626
%RSD	1193.3	71.767	209.62	61.004	242.04	145.8	408.18	2.4321
#1	.00423	.00309	.00001	.00190	.00022	.0000	.00005	2.6165
#2	-.00334	.00101	-.00006	.00479	-.00084	-.0011	-.00002	2.5280

Sample Name: CCB01 Acquired: 11/29/2018 12:17:41 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .55383
Stddev	.62395
%RSD	112.66

#1	.11263
#2	.99503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4106.7	53281.	4072.5	59.590	4524.8
Stddev	6.4	235.	26.4	.448	8.6
%RSD	.15633	.44094	.64882	.75243	.18914

#1	4102.2	53115.	4053.8	59.907	4518.7
#2	4111.3	53448.	4091.2	59.273	4530.8

Sample Name: PBW Acquired: 11/29/2018 12:20:44 Type: Unk
Method: P4-ICP2(v2616) 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	.00306	.00120	-.00064	.00150	.00203	.00276	.00224	-.00010
Stddev	.00010	.00012	.00113	.00215	.00091	.00309	.00116	.00007
%RSD	3.3557	10.009	176.33	143.37	44.795	111.79	51.716	70.627
#1	.00299	.00128	.00016	.00302	.00267	.00058	.00142	-.00005
#2	.00314	.00111	-.00144	-.00002	.00139	.00495	.00306	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00570	.00038	-.00022	-.00022	.00078	-.00006	-.04543
Stddev	.00001	.01117	.00008	.00022	.00012	.00770	.00003	.01335
%RSD	12.011	195.85	20.995	96.915	55.947	992.72	52.135	29.381
#1	.00007	.00219	.00044	-.00007	-.00030	-.00467	-.00008	-.05487
#2	.00006	-.01360	.00033	-.00037	-.00013	.00622	-.00004	-.03599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	.00035	-.03491	-.00086	-.00075	.00485	-.00010	.00335
Stddev	.00013	.00012	.00700	.00011	.00010	.01130	.00021	.00640
%RSD	18.253	34.069	20.062	13.358	13.196	232.83	202.40	190.74
#1	-.00080	.00043	-.02995	-.00094	-.00068	.01284	.00004	-.00117
#2	-.00061	.00026	-.03986	-.00078	-.00082	-.00314	-.00025	.00788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.00028	-.00049	.00268	.00072	-.0015	.00003	F 2.7647
Stddev	.00067	.00205	.00039	.00210	.00143	.0004	.00010	.0398
%RSD	42.234	734.53	79.812	78.410	198.66	25.45	273.58	1.4404
#1	-.00205	-.00117	-.00076	.00119	-.00029	-.0018	.00010	2.7365
#2	-.00111	.00173	-.00021	.00416	.00173	-.0013	-.00003	2.7929

Sample Name: PBW Acquired: 11/29/2018 12:20:44 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .27765
Stddev .32447
%RSD 116.86

#1 .04822
#2 .50709

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4102.1	52983.	4118.3	62.058	4509.9
Stddev	20.3	37.	25.5	.040	22.4
%RSD	.49594	.06890	.61905	.06474	.49722

#1	4087.7	53009.	4100.3	62.030	4494.1
#2	4116.4	52958.	4136.4	62.086	4525.8

Sample Name: LCSW Acquired: 11/29/2018 12:24:50 Type: Unk
Method: P4-ICP2(v2616) 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	.71217	1.8193	.88382	1.8443	.75935	1.8086	.19670
Stddev	.00238	.0006	.00044	.0073	.00164	.0002	.00253
%RSD	.33485	.03372	.04965	.39344	.21533	.00865	1.2875

#1	.71386	1.8189	.88351	1.8494	.75819	1.8085	.19849
#2	.71049	1.8198	.88413	1.8392	.76051	1.8087	.19491

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18765	.17223	.98551	.38606	.17928	.30298	2.7549
Stddev	.00049	.00045	.03086	.00007	.00060	.00094	.0238
%RSD	.25974	.25955	3.1312	.01822	.33439	.31156	.86227

#1	.18800	.17192	1.0073	.38601	.17886	.30231	2.7381
#2	.18731	.17255	.96369	.38611	.17971	.30365	2.7717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19752	1.8791	.44394	.06654	2.8174	.27294	.19970
Stddev	.00006	.0637	.00095	.00036	.0005	.00078	.00116
%RSD	.02936	3.3918	.21306	.54765	.01926	.28620	.57845

#1	.19748	1.8340	.44327	.06680	2.8170	.27238	.20052
#2	.19756	1.9242	.44461	.06628	2.8178	.27349	.19888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4113	.38140	.27379	8.0579	.90141	.60506	.19153
Stddev	.0191	.00035	.01477	.0205	.02008	.00168	.00240
%RSD	.20315	.09296	5.3961	.25401	2.2271	.27839	1.2513

#1	9.3978	.38115	.26335	8.0434	.91561	.60387	.19322
#2	9.4248	.38165	.28424	8.0724	.88722	.60626	.18984

Sample Name: LCSW Acquired: 11/29/2018 12:24:50 Type: Unk
Method: P4-ICP2(v2616) 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	.19543	4.909	.19588	F 2.7690	F<.00000
Stddev	.00145	.007	.00115	.1332	.84031
%RSD	.74299	.1449	.58551	4.8093	408.60

#1	.19441	4.904	.19669	2.6749	-.79984
#2	.19646	4.914	.19507	2.8632	.38853

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4071.6	52434.	4022.7	60.070	4397.7
Stddev	5.4	153.	20.0	.341	.1
%RSD	.13190	.29258	.49649	.56716	.00154

#1	4067.8	52542.	4008.6	59.830	4397.7
#2	4075.4	52325.	4036.9	60.311	4397.8

Sample Name: LLOQ-W Acquired: 11/29/2018 12:28:42 Type: Unk
Method: P4-ICP2(v2616) 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	.02128	.04735	.01183	.02064	.05747	.09993	.11172	.00637
Stddev	.00158	.00032	.00016	.00143	.00148	.01799	.00012	.00004
%RSD	7.4257	.67950	1.3281	6.9141	2.5840	18.000	.10906	.58673
#1	.02016	.04758	.01172	.01963	.05852	.11265	.11181	.00640
#2	.02240	.04713	.01194	.02165	.05642	.08721	.11164	.00634
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	2.2219	.01122	.03252	.02223	.09526	.02361	2.1594
Stddev	.00006	.0236	.00010	.00015	.00036	.00381	.00026	.0008
%RSD	1.0404	1.0604	.89902	.44757	1.6248	4.0000	1.1125	.03913
#1	.00595	2.2385	.01115	.03241	.02197	.09257	.02380	2.1600
#2	.00586	2.2052	.01129	.03262	.02248	.09795	.02343	2.1588
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04197	.01085	2.0959	.04464	.04631	2.1002	.20960	.10587
Stddev	.00036	.00069	.0106	.00092	.00011	.0172	.00093	.01779
%RSD	.85039	6.3172	.50585	2.0666	.24645	.81905	.44141	16.800
#1	.04172	.01133	2.0884	.04529	.04639	2.0881	.20895	.11844
#2	.04223	.01036	2.1034	.04399	.04623	2.1124	.21026	.09329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02145	.42508	.04029	.04669	.02294	.0174	.02229	F 2.5014
Stddev	.00015	.01114	.00047	.00109	.00025	.0008	.00014	.0386
%RSD	.68265	2.6204	1.1642	2.3438	1.0854	4.360	.63167	1.5419
#1	.02156	.43295	.04062	.04592	.02311	.0179	.02239	2.4741
#2	.02135	.41720	.03996	.04747	.02276	.0169	.02219	2.5286

Sample Name: LLOQ-W Acquired: 11/29/2018 12:28:42 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .50093
Stddev	.28244
%RSD	56.384

#1	.70065
#2	.30121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.9	53016.	4120.1	61.032	4442.2
Stddev	4.7	115.	17.4	.617	1.9
%RSD	.11415	.21765	.42266	1.0111	.04290

#1	4072.6	53097.	4107.8	60.595	4440.9
#2	4079.2	52934.	4132.4	61.468	4443.5

Sample Name: PBS Acquired: 11/29/2018 12:32:45 Type: Unk
Method: P4-ICP2(v2616) 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	.00190	.00106	-.00135	.00084	.00045	.01118	.00207	-.00003
Stddev	.00294	.00122	.00086	.00153	.00119	.01044	.00120	.00000
%RSD	154.66	114.87	63.709	181.37	265.36	93.427	58.093	4.4381
#1	.00398	.00192	-.00196	-.00024	.00129	.01856	.00122	-.00003
#2	-.00018	.00020	-.00074	.00192	-.00039	.00379	.00291	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00020	-.00012	-.00002	.00008	-.00023	-.00004	-.04161
Stddev	.00000	.01398	.00023	.00007	.00018	.02758	.00003	.04994
%RSD	19.385	7047.3	190.58	387.13	215.90	11740.	80.366	120.00
#1	-.00001	.00968	.00004	-.00007	-.00004	.01927	-.00002	-.07693
#2	-.00001	-.01008	-.00028	.00003	.00021	-.01974	-.00006	-.00630
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	-.00036	-.04663	.00013	-.00068	.01005	-.00010	-.00034
Stddev	.00004	.00001	.00233	.00006	.00008	.02874	.00013	.00345
%RSD	9.6587	2.6212	4.9882	44.713	11.809	286.00	139.99	1001.1
#1	-.00047	-.00036	-.04827	.00017	-.00074	.03038	-.00019	-.00278
#2	-.00041	-.00037	-.04498	.00009	-.00062	-.01027	-.00000	.00209
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00179	.00140	-.00052	.00353	-.00033	.0001	-.00001	F 2.8499
Stddev	.00036	.00117	.00052	.00149	.00020	.0005	.00007	.1387
%RSD	20.048	83.946	100.87	42.266	59.848	375.9	495.82	4.8662
#1	-.00205	.00223	-.00015	.00458	-.00019	.0005	.00004	2.9479
#2	-.00154	.00057	-.00088	.00247	-.00047	-.0002	-.00006	2.7518

Sample Name: PBS Acquired: 11/29/2018 12:32:45 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .51733
Stddev	.31669
%RSD	61.216

#1	.74127
#2	.29340

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4080.1	52870.	4091.6	60.413	4499.6
Stddev	11.6	34.	12.6	1.808	11.9
%RSD	.28404	.06387	.30903	2.9927	.26391

#1	4071.9	52846.	4082.6	61.691	4491.2
#2	4088.3	52894.	4100.5	59.134	4508.0

Sample Name: LCSS Acquired: 11/29/2018 12:36:47 Type: Unk
Method: P4-ICP2(v2616) 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	.71966	1.8484	.89754	1.8711	.78831	1.8874	.20107
Stddev	.00238	.0078	.00384	.0085	.00064	.0223	.00142
%RSD	.33037	.42435	.42784	.45242	.08076	1.1816	.70392

#1	.72134	1.8539	.90025	1.8771	.78876	1.8716	.20207
#2	.71798	1.8428	.89482	1.8651	.78786	1.9032	.20007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19174	.17501	1.0034	.39654	.18251	.30794	2.8737
Stddev	.00013	.00031	.0019	.00203	.00002	.00240	.0721
%RSD	.06573	.17619	.18633	.51254	.01039	.78057	2.5096

#1	.19182	.17522	1.0020	.39797	.18250	.30964	2.9247
#2	.19165	.17479	1.0047	.39510	.18252	.30624	2.8227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20252	1.9054	.45156	.06699	2.8701	.27902	.20358
Stddev	.00004	.0232	.00133	.00101	.0095	.00032	.00856
%RSD	.01985	1.2199	.29559	1.5029	.32914	.11410	4.2028

#1	.20255	1.9218	.45251	.06628	2.8768	.27880	.20963
#2	.20250	1.8890	.45062	.06771	2.8635	.27925	.19753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6453	.39412	.28568	8.0380	.94007	.62736	.19826
Stddev	.0076	.00205	.00790	.0523	.03614	.00133	.00347
%RSD	.07824	.51941	2.7645	.65016	3.8448	.21255	1.7497

#1	9.6507	.39556	.28009	8.0749	.96563	.62830	.20071
#2	9.6400	.39267	.29126	8.0010	.91451	.62642	.19580

Sample Name: LCSS Acquired: 11/29/2018 12:36:47 Type: Unk
Method: P4-ICP2(v2616) 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	.19947	4.996	.20170	F 2.9393	F<.00000
Stddev	.00159	.017	.00031	.0779	.28398
%RSD	.79800	.3450	.15547	2.6487	36.569

#1	.20060	5.008	.20192	2.9944	-.57576
#2	.19834	4.984	.20148	2.8843	-.97737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.2	52496.	4074.1	59.714	4382.9
Stddev	14.3	113.	74.3	2.404	9.8
%RSD	.35223	.21557	1.8226	4.0262	.22284

#1	4044.1	52416.	4021.6	58.014	4376.0
#2	4064.3	52576.	4126.6	61.414	4389.8

Sample Name: LLOQ-S Acquired: 11/29/2018 12:40:36 Type: Unk
Method: P4-ICP2(v2616) 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	.02176	.04604	.01133	.02320	.05715	.11099	.11295	.00664
Stddev	.00192	.00059	.00093	.00154	.00215	.01476	.00034	.00003
%RSD	8.8346	1.2801	8.2129	6.6321	3.7635	13.300	.30479	.40676
#1	.02312	.04646	.01067	.02211	.05867	.10055	.11271	.00666
#2	.02040	.04563	.01199	.02429	.05563	.12143	.11319	.00663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00586	2.2360	.01127	.03236	.02233	.09093	.02409	2.1807
Stddev	.00004	.0066	.00025	.00018	.00082	.01079	.00008	.0198
%RSD	.61428	.29592	2.2503	.55540	3.6741	11.866	.34742	.90632
#1	.00589	2.2313	.01145	.03248	.02291	.09856	.02415	2.1947
#2	.00583	2.2407	.01109	.03223	.02175	.08330	.02404	2.1667
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04177	.01063	2.1138	.04509	.04678	2.1180	.20631	.10391
Stddev	.00036	.00059	.0107	.00009	.00147	.0410	.00048	.00482
%RSD	.86936	5.5500	.50630	.20818	3.1328	1.9333	.23274	4.6405
#1	.04203	.01105	2.1214	.04502	.04782	2.1470	.20665	.10050
#2	.04152	.01021	2.1062	.04515	.04574	2.0891	.20597	.10732
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01887	.42363	.04001	.04466	.02145	.0176	.02222	F 3.1897
Stddev	.00179	.00610	.00001	.00352	.00033	.0012	.00003	.1887
%RSD	9.5050	1.4392	.01552	7.8716	1.5615	6.574	.11968	5.9155
#1	.02014	.42794	.04000	.04218	.02168	.0184	.02220	3.3231
#2	.01760	.41931	.04001	.04715	.02121	.0168	.02224	3.0562

Sample Name: LLOQ-S Acquired: 11/29/2018 12:40:36 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .36920
Stddev .39078
%RSD 105.84

#1 .64553
#2 .09288

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4095.9	51519.	4090.3	60.676	4461.6
Stddev	1.3	410.	26.7	1.499	6.9
%RSD	.03201	.79485	.65158	2.4711	.15380

#1	4095.0	51229.	4071.4	59.616	4456.7
#2	4096.8	51808.	4109.1	61.736	4466.4

Sample Name: PB114858BL Acquired: 11/29/2018 12:44:36 Type: Unk
Method: P4-ICP2(v2616) 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	.00095	.00094	-.00144	-.00056	.00029	-.01175	.00132	-.00005
Stddev	.00025	.00062	.00005	.00165	.00053	.00120	.00074	.00008
%RSD	26.399	65.413	3.8175	293.01	186.89	10.180	56.141	167.47
#1	.00077	.00051	-.00148	-.00173	.00066	-.01090	.00079	.00001
#2	.00112	.00138	-.00140	.00060	-.00009	-.01259	.00184	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01161	.00015	-.00008	-.00034	-.02125	-.00007	-.04241
Stddev	.00001	.01330	.00029	.00027	.00000	.00405	.00000	.02821
%RSD	17.840	114.56	193.77	358.20	.94215	19.074	2.4367	66.514
#1	.00009	.02101	.00035	-.00027	-.00034	-.01838	-.00007	-.06236
#2	.00007	.00221	-.00005	.00012	-.00034	-.02411	-.00007	-.02246
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00023	-.05714	-.00012	-.00074	.01852	-.00021	.00414
Stddev	.00052	.00015	.00801	.00063	.00015	.01504	.00007	.00355
%RSD	62.091	63.489	14.017	513.11	20.803	81.210	31.884	85.825
#1	-.00120	-.00033	-.05147	.00032	-.00085	.02915	-.00016	.00163
#2	-.00047	-.00013	-.06280	-.00057	-.00064	.00788	-.00025	.00665
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00363	.00131	-.00020	.00153	-.00016	-.0000	.00020	F 2.7184
Stddev	.00100	.00146	.00028	.00095	.00019	.0022	.00009	.2621
%RSD	27.631	111.66	140.40	62.260	116.89	5157.	46.506	9.6400
#1	-.00292	.00028	-.00000	.00085	-.00030	.0015	.00013	2.9037
#2	-.00434	.00234	-.00040	.00220	-.00003	-.0016	.00026	2.5331

Sample Name: PB114858BL Acquired: 11/29/2018 12:44:36 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .46918
Stddev	.30678
%RSD	65.388

#1	.68610
#2	.25225

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4017.4	52892.	4072.7	59.245	4432.4
Stddev	45.6	33.	28.8	.151	45.3
%RSD	1.1341	.06179	.70679	.25498	1.0218

#1	3985.2	52916.	4052.4	59.139	4400.4
#2	4049.6	52869.	4093.1	59.352	4464.4

Sample Name: PB114858BS Acquired: 11/29/2018 12:48:40 Type: Unk
Method: P4-ICP2(v2616) 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	.70641	1.8051	.87954	1.8444	.76056	1.8196	.19610
Stddev	.00310	.0100	.00678	.0179	.00517	.0039	.00083
%RSD	.43954	.55183	.77104	.97244	.67962	.21571	.42115

#1	.70422	1.8121	.88434	1.8571	.76421	1.8224	.19551
#2	.70861	1.7981	.87475	1.8317	.75690	1.8168	.19668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18809	.17150	.99120	.39028	.17895	.30196	2.7500
Stddev	.00030	.00107	.00931	.00133	.00184	.00251	.0225
%RSD	.15986	.62531	.93935	.34185	1.0265	.83093	.81645

#1	.18830	.17226	.99779	.38934	.18025	.30373	2.7658
#2	.18788	.17074	.98462	.39123	.17765	.30018	2.7341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19865	1.8802	.44098	.06650	2.8143	.27323	.19763
Stddev	.00010	.0315	.00191	.00005	.0065	.00048	.00236
%RSD	.05025	1.6753	.43355	.07209	.23155	.17451	1.1957

#1	.19872	1.8580	.44233	.06647	2.8097	.27357	.19930
#2	.19857	1.9025	.43962	.06654	2.8189	.27289	.19596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3817	.38043	.26959	8.0112	.90364	.60409	.18925
Stddev	.0369	.00353	.02033	.0562	.01511	.00521	.00235
%RSD	.39363	.92859	7.5422	.70123	1.6721	.86274	1.2417

#1	9.4078	.38293	.25521	8.0509	.89295	.60778	.18759
#2	9.3555	.37794	.28397	7.9715	.91432	.60041	.19091

Sample Name: PB114858BS Acquired: 11/29/2018 12:48:40 Type: Unk
Method: P4-ICP2(v2616) 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	.19277	4.886	.19634	F 2.9960	F<.00000
Stddev	.00065	.041	.00051	.1075	.67776
%RSD	.33851	.8330	.25724	3.5871	228.39
#1	.19323	4.914	.19599	3.0720	-.77600
#2	.19231	4.857	.19670	2.9200	.18250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4054.9	52307.	4054.5	60.406	4398.1
Stddev	15.9	75.	9.5	.497	17.5
%RSD	.39276	.14315	.23402	.82208	.39729
#1	4043.6	52254.	4061.2	60.055	4385.7
#2	4066.1	52360.	4047.7	60.757	4410.4

Sample Name: J5807-12 Acquired: 11/29/2018 13:02:48 Type: Unk
Method: P4-ICP2(v2616) 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	1.4911	2.5161	4.7141	3.5213	.85528	198.25	5.0004
Stddev	.0070	.0004	.0000	.0140	.00107	.46	.0749
%RSD	.47019	.01668	.00003	.39807	.12540	.23117	1.4985

#1	1.4961	2.5164	4.7141	3.5312	.85604	197.92	5.0534
#2	1.4862	2.5158	4.7141	3.5114	.85452	198.57	4.9474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.4187	1.5982	162.32	F 4.1084	1.2242	.71156	291.21
Stddev	.0323	.0005	2.68	.0249	.0006	.00068	3.63
%RSD	.94332	.03236	1.6496	.60494	.04595	.09504	1.2460

#1	3.3959	1.5979	164.21	4.0908	1.2246	.71109	293.78
#2	3.4415	1.5986	160.42	4.1260	1.2238	.71204	288.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.630	232.73	1.9356	.62526	45.773	3.6975	14.854
Stddev	.195	3.60	.0025	.00534	.620	.0364	.087
%RSD	1.1041	1.5467	.12768	.85355	1.3547	.98471	.58294

#1	17.493	235.27	1.9339	.62148	46.211	3.6718	14.915
#2	17.768	230.18	1.9374	.62903	45.335	3.7233	14.792

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	357.49	1.6969	5.1423	2.6446	F 28.697	3.2715	F 10.371
Stddev	5.24	.0049	.0497	.0044	.294	.0037	.166
%RSD	1.4671	.29087	.96651	.16527	1.0256	.11255	1.5990

#1	361.20	1.7004	5.1774	2.6477	28.906	3.2689	10.488
#2	353.79	1.6934	5.1072	2.6415	28.489	3.2741	10.254

Sample Name: J5807-12 Acquired: 11/29/2018 13:02:48 Type: Unk
 Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 20.635	F 14.20	3.4716	1.9594	F<.00000
Stddev	.296	.05	.0552	.0644	.50843
%RSD	1.4364	.3315	1.5900	3.2871	.87890

#1	20.844	14.17	3.5106	2.0049	-57.489
#2	20.425	14.24	3.4326	1.9139	-58.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4037.6	51444.	4536.5	53.982	3202.5
Stddev	11.4	163.	59.0	.348	.5
%RSD	.28283	.31640	1.2997	.64542	.01571

#1	4029.5	51560.	4494.9	53.736	3202.2
#2	4045.7	51329.	4578.2	54.229	3202.9

Sample Name: J5807-12DLX10 Acquired: 11/29/2018 13:07:13 Type: Unk
Method: P4-ICP2(v2616) 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	.16784	.26316	.47388	.40597	.09378	20.943	.57664
Stddev	.00049	.00008	.00143	.00169	.00086	.113	.00184
%RSD	.29083	.03083	.30142	.41533	.92128	.54116	.31912

#1	.16749	.26322	.47489	.40477	.09439	21.023	.57794
#2	.16818	.26311	.47287	.40716	.09317	20.862	.57534

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37282	.15716	19.313	.48456	.11880	.08834	29.643
Stddev	.00055	.00045	.069	.00009	.00006	.00057	.806
%RSD	.14650	.28564	.35834	.01868	.05134	.64425	2.7178

#1	.37320	.15748	19.362	.48450	.11884	.08794	30.212
#2	.37243	.15684	19.264	.48463	.11875	.08874	29.073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2462	27.151	.18960	.06685	5.2238	.42446	1.6601
Stddev	.0012	.018	.00093	.00083	.0030	.00009	.0418
%RSD	.05484	.06682	.49269	1.2465	.05784	.02020	2.5202

#1	2.2470	27.138	.19026	.06743	5.2259	.42440	1.6897
#2	2.2453	27.164	.18894	.06626	5.2217	.42452	1.6305

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.921	.19952	.59224	.24129	3.5153	.31659	1.2133
Stddev	.249	.00153	.02234	.00400	.0105	.00302	.0047
%RSD	.60849	.76843	3.7721	1.6595	.29791	.95263	.38694

#1	41.098	.19844	.57644	.24412	3.5227	.31872	1.2166
#2	40.745	.20060	.60804	.23846	3.5079	.31446	1.2100

Sample Name: J5807-12DLX10 Acquired: 11/29/2018 13:07:13 Type: Unk
 Method: P4-ICP2(v2616) 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	2.3483	1.297	.40921	3.9192	F<.00000
Stddev	.0136	.002	.00009	.1150	.32124
%RSD	.58092	.1765	.02087	2.9353	9.1765

#1	2.3580	1.295	.40927	4.0005	-3.2736
#2	2.3387	1.299	.40915	3.8379	-3.7279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.7	50960.	4125.8	59.046	3993.1
Stddev	2.8	94.	2.9	1.447	15.7
%RSD	.06915	.18515	.07040	2.4509	.39214

#1	3992.7	50893.	4127.8	58.023	3982.0
#2	3996.6	51027.	4123.7	60.069	4004.2

Sample Name: CCV02 Acquired: 11/29/2018 13:11:04 Type: Unk
Method: P4-ICP2(v2616) 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	4.7495	4.8167	4.7754	4.8576	4.9501	10.094	9.8078	.24771
Stddev	.0166	.0113	.0142	.0075	.0024	.123	.0551	.00131
%RSD	.34886	.23387	.29828	.15501	.04786	1.2181	.56233	.53001
#1	4.7378	4.8247	4.7855	4.8523	4.9518	10.181	9.7688	.24864
#2	4.7612	4.8087	4.7653	4.8630	4.9484	10.007	9.8468	.24679
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3868	25.377	1.0185	2.4050	1.2256	4.6506	2.5062	23.670
Stddev	.0080	.071	.0131	.0099	.0017	.1249	.0212	.171
%RSD	.33386	.28032	1.2811	.41145	.14150	2.6846	.84545	.72335
#1	2.3924	25.327	1.0278	2.4120	1.2244	4.7388	2.5212	23.549
#2	2.3812	25.428	1.0093	2.3980	1.2268	4.5623	2.4912	23.791
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3635	1.1940	24.275	2.4019	2.4671	23.902	4.7963	4.7944
Stddev	.0092	.0103	.122	.0196	.0429	.176	.0047	.0018
%RSD	.38800	.86133	.50366	.81514	1.7407	.73563	.09817	.03734
#1	2.3700	1.2012	24.188	2.4157	2.4975	23.777	4.7930	4.7931
#2	2.3571	1.1867	24.361	2.3880	2.4367	24.026	4.7997	4.7957
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8549	4.8075	4.6897	4.8530	4.8702	4.751	5.0947	4.5383
Stddev	.0122	.0305	.0267	.0239	.0284	.019	.0160	.2708
%RSD	.25079	.63489	.56878	.49267	.58334	.4017	.31432	5.9662
#1	4.8636	4.7859	4.7086	4.8361	4.8501	4.764	5.0834	4.7298
#2	4.8463	4.8291	4.6709	4.8699	4.8903	4.737	5.1060	4.3469

Sample Name: CCV02 Acquired: 11/29/2018 13:11:04 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0971
Stddev .2165
%RSD 6.9899

#1 2.9440
#2 3.2501

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.2	49746.	4056.6	59.429	3863.0
Stddev	.3	662.	9.0	1.017	16.0
%RSD	.00732	1.3297	.22252	1.7112	.41498

#1	3904.4	49278.	4063.0	58.710	3851.7
#2	3904.0	50214.	4050.3	60.148	3874.4

Sample Name: CCB02 Acquired: 11/29/2018 13:14:48 Type: Unk
Method: P4-ICP2(v2616) 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	.00094	.00232	-.00085	-.00075	.00031	.00771	.00191	-.00008
Stddev	.00142	.00060	.00010	.00127	.00201	.01413	.00028	.00005
%RSD	150.56	25.717	11.642	168.93	657.95	183.09	14.806	58.465
#1	-.00006	.00190	-.00092	-.00165	-.00112	.01770	.00171	-.00012
#2	.00194	.00274	-.00078	.00015	.00173	-.00227	.00211	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00636	-.00009	-.00023	-.00039	.01035	.00018	-.04990
Stddev	.00007	.01338	.00001	.00011	.00005	.01018	.00000	.01290
%RSD	585.22	210.47	8.3095	46.588	13.673	98.349	1.4305	25.859
#1	.00004	.01582	-.00009	-.00015	-.00043	.00315	.00018	-.05902
#2	-.00006	-.00310	-.00010	-.00030	-.00035	.01754	.00018	-.04077
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00028	-.02485	-.00039	-.00085	.10083	.00027	.00502
Stddev	.00003	.00019	.00580	.00021	.00006	.04095	.00015	.01293
%RSD	3.9019	68.128	23.326	53.259	6.5548	40.608	56.062	257.74
#1	-.00078	.00014	-.02075	-.00053	-.00089	.07188	.00037	-.00413
#2	-.00074	.00041	-.02894	-.00024	-.00081	.12978	.00016	.01416
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	.00512	.00000	.00254	.00238	-.0004	.00010	F 3.1434
Stddev	.00343	.00551	.00037	.00154	.00013	.0002	.00004	.1286
%RSD	79.957	107.64	679990.	60.542	5.5230	53.31	36.178	4.0917
#1	-.00672	.00902	-.00026	.00146	.00247	-.0006	.00013	3.0524
#2	-.00186	.00122	.00026	.00363	.00229	-.0003	.00007	3.2343

Sample Name: CCB02 Acquired: 11/29/2018 13:14:48 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .19802
Stddev .10320
%RSD 52.115

#1 .12505
#2 .27099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4051.7	52558.	4107.4	60.084	4489.7
Stddev	6.5	598.	2.0	1.270	14.1
%RSD	.16070	1.1376	.04922	2.1130	.31428

#1	4056.3	52981.	4108.9	60.982	4499.7
#2	4047.1	52136.	4106.0	59.186	4479.8

Sample Name: LR CHECK 1 Acquired: 11/29/2018 13:18:53 Type: Unk
Method: P4-ICP2(v2616) 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	-.01191	.00188	-.10221	-.10520	.05738	1931.0	.01557	.00424
Stddev	.01140	.00583	.00657	.00158	.00030	7.5	.00094	.00036
%RSD	95.713	309.51	6.4323	1.5057	.52303	.38924	6.0581	8.4713
#1	-.01997	-.00224	-.09756	-.10632	.05717	1936.3	.01491	.00399
#2	-.00385	.00600	-.10686	-.10408	.05760	1925.7	.01624	.00450
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00635	F 1827.6	.12698	.04154	-.01890	817.61	.03307	1774.0
Stddev	.00254	15.6	.00048	.00001	.00524	29.85	.00029	.2
%RSD	40.062	.85242	.37866	.02397	27.742	3.6514	.86342	.01123
#1	.00814	1816.6	.12732	.04154	-.01519	796.50	.03287	1774.2
#2	.00455	1838.7	.12664	.04153	-.02260	838.72	.03328	1773.9
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11879	-.06375	1719.3	.00838	.09680	919.33	.03077	-.22619
Stddev	.00185	.00501	18.6	.00083	.00381	8.45	.00088	.04058
%RSD	1.5616	7.8526	1.0836	9.8940	3.9322	.91877	2.8669	17.943
#1	.11747	-.06729	1732.5	.00780	.09411	913.36	.03014	-.25489
#2	.12010	-.06021	1706.1	.00897	.09949	925.31	.03139	-.19749
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46925	.08152	.04012	-.04329	.08067	.0414	-.87797	5.9734
Stddev	.00116	.00366	.00261	.00134	.00035	.0031	.03277	.0886
%RSD	.24628	4.4858	6.4958	3.0886	.43424	7.436	3.7324	1.4836
#1	.47007	.08411	.04196	-.04234	.08092	.0393	-.85479	5.9107
#2	.46843	.07894	.03828	-.04423	.08042	.0436	-.90114	6.0360

Sample Name: LR CHECK 1 Acquired: 11/29/2018 13:18:53 Type: Unk
 Method: P4-ICP2(v2616) 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	2798.4	35146.	3510.4	44.830	2180.6
Stddev	25.1	76.	5.0	1.645	20.9
%RSD	.89859	.21542	.14247	3.6686	.95781
#1	2816.2	35199.	3514.0	45.993	2195.4
#2	2780.7	35092.	3506.9	43.667	2165.8

Sample Name: LR CHECK 2 Acquired: 11/29/2018 13:23:16 Type: Unk
Method: P4-ICP2(v2616) 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	-.00196	-.01154	F 266.50	.02014	-.03067	-.30424	F 100.55	-.00138
Stddev	.00035	.00027	1.32	.00110	.00374	.00845	.84	.00005
%RSD	17.618	2.2988	.49484	5.4627	12.185	2.7775	.83055	3.2982
#1	-.00221	-.01173	267.43	.01936	-.02803	-.29827	99.955	-.00141
#2	-.00172	-.01135	265.56	.02091	-.03331	-.31022	101.14	-.00135
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00729	.22891	-.14153	-.00309	F 261.35	-.88202	43.484	-.12966
Stddev	.00004	.00079	.00113	.00008	.03	.01837	.267	.07733
%RSD	.48706	.34685	.80131	2.7222	.01133	2.0828	.61409	59.642
#1	-.00731	.22947	-.14233	-.00303	261.33	-.89501	43.673	-.18434
#2	-.00726	.22835	-.14072	-.00315	261.37	-.86903	43.295	-.07498
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.561	.00908	.78781	-.00400	F 37.070	.74880	-.00361	-.01295
Stddev	.017	.00081	.03579	.00018	.571	.03479	.00025	.01739
%RSD	.03313	8.8683	4.5432	4.5970	1.5407	4.6465	6.9752	134.23
#1	51.549	.00965	.81312	-.00413	36.667	.77340	-.00343	-.02525
#2	51.573	.00851	.76250	-.00387	37.474	.72419	-.00379	-.00066
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12683	-.00517	.00120	.02715	.00318	F -3.774	.00354	3.5660
Stddev	.00465	.00099	.00038	.00022	.00138	.015	.00014	.0777
%RSD	3.6663	19.203	31.436	.81784	43.391	.4078	4.0762	2.1787
#1	.13012	-.00587	.00146	.02700	.00416	-3.763	.00344	3.6210
#2	.12354	-.00447	.00093	.02731	.00221	-3.785	.00364	3.5111

Sample Name: LR CHECK 2 Acquired: 11/29/2018 13:23:16 Type: Unk
Method: P4-ICP2(v2616) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2842
Stddev	.1988
%RSD	15.484

#1	1.4248
#2	1.1436

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3872.4	52199.	4157.6	58.310	3844.9
Stddev	24.2	277.	38.7	1.072	13.1
%RSD	.62427	.53079	.92970	1.8383	.33954

#1	3889.5	52004.	4184.9	59.068	3854.1
#2	3855.3	52395.	4130.3	57.552	3835.7

Sample Name: J6008-01DLX200 Acquired: 11/29/2018 13:32:48 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00010	.01978	.00103	.00045	-.00124	.00257	-.00011
Stddev	.00145	.00162	.00635	.00137	.00207	.00066	.00057	.00003
%RSD	78.956	1646.4	32.101	132.63	460.13	53.281	22.099	29.829

#1	.00081	-.00124	.02427	.00199	-.00101	-.00171	.00298	-.00009
#2	.00286	.00105	.01529	.00006	.00191	-.00077	.00217	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	1.6126	.00014	.00243	.00329	-.00130	.00070	.10465
Stddev	.00007	.0137	.00002	.00010	.00101	.00601	.00002	.00247
%RSD	541.02	.84966	17.201	4.1475	30.689	461.57	2.8575	2.3559

#1	-.00007	1.6029	.00016	.00236	.00400	-.00555	.00069	.10639
#2	.00004	1.6222	.00013	.00250	.00257	.00295	.00071	.10291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	-.00010	470.63	.00002	.00086	1.7451	.00556	-.01060
Stddev	.00009	.00030	6.87	.00010	.00004	.0066	.00018	.00375
%RSD	6.0495	289.91	1.4605	649.54	4.3016	.37864	3.2413	35.395

#1	.00157	-.00031	465.77	.00009	.00088	1.7405	.00543	-.01325
#2	.00144	.00011	475.49	-.00006	.00083	1.7498	.00568	-.00795

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.608	.01084	-.01592	.00227	.01663	-.0030	.00295	5.2474
Stddev	.294	.00091	.00017	.00023	.00088	.0001	.00010	.2187
%RSD	.67382	8.3830	1.0923	10.354	5.3020	3.773	3.3201	4.1673

#1	43.400	.01149	-.01604	.00243	.01726	-.0031	.00301	5.4020
#2	43.816	.01020	-.01580	.00210	.01601	-.0029	.00288	5.0927

Sample Name: J6008-01DLX200 Acquired: 11/29/2018 13:32:48 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1645
Stddev	.0198
%RSD	1.7017

#1	1.1505
#2	1.1785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3684.4	46475.	4060.3	58.218	3660.2
Stddev	.6	236.	33.6	1.244	5.0
%RSD	.01554	.50855	.82770	2.1366	.13560

#1	3684.8	46308.	4084.0	59.098	3663.8
#2	3684.0	46642.	4036.5	57.339	3656.7

Sample Name: J6008-01DUPDLX200 Acquired: 11/29/2018 13:37:00 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	.00044	.00739	.00107	-.00001	-.00222	.00235	-.00006
Stddev	.00057	.00168	.00154	.00302	.00198	.00690	.00058	.00002
%RSD	69.908	377.93	20.808	283.44	20339.	310.08	24.875	25.052
#1	-.00041	-.00074	.00847	.00320	-.00141	-.00710	.00194	-.00005
#2	-.00122	.00163	.00630	-.00107	.00139	.00265	.00276	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	1.6127	.00043	.00252	.00168	-.01189	.00060	.14435
Stddev	.00004	.0366	.00008	.00012	.00029	.00846	.00012	.02457
%RSD	76.972	2.2695	18.346	4.7711	17.225	71.166	20.678	17.024
#1	-.00003	1.5869	.00048	.00243	.00148	-.01788	.00069	.12698
#2	-.00009	1.6386	.00037	.00260	.00189	-.00591	.00051	.16173
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00162	-.00001	478.78	-.00044	.00080	1.6277	.00542	.00493
Stddev	.00005	.00027	.57	.00009	.00003	.0406	.00028	.00228
%RSD	3.2770	3654.1	.11907	20.192	3.4766	2.4958	5.0927	46.293
#1	.00166	-.00020	479.19	-.00050	.00078	1.5990	.00522	.00655
#2	.00159	.00018	478.38	-.00037	.00082	1.6564	.00561	.00332
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.360	.01189	-.01595	.00279	.01247	-.0030	.00297	4.8187
Stddev	.073	.00081	.00065	.00188	.00112	.0004	.00007	.0089
%RSD	.16828	6.8042	4.0686	67.391	8.9623	13.42	2.2506	.18428
#1	43.309	.01247	-.01549	.00412	.01168	-.0033	.00292	4.8250
#2	43.412	.01132	-.01641	.00146	.01326	-.0028	.00302	4.8124

Sample Name: J6008-01DUPDLX200 Acquired: 11/29/2018 13:37:00 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .73639
Stddev .00441
%RSD .59877

#1 .73327
#2 .73951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3720.2	47100.	4056.9	58.882	3709.1
Stddev	10.4	23.	39.8	.456	19.0
%RSD	.27997	.04960	.98027	.77512	.51291

#1	3712.9	47084.	4028.7	58.559	3695.6
#2	3727.6	47117.	4085.0	59.205	3722.5

Sample Name: J6008-01LDLX1000 Acquired: 11/29/2018 13:41:09 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00097	.01946	-.00276	-.00085	-.00620	.00090	-.00013
Stddev	.00009	.00025	.00059	.00156	.00154	.00002	.00039	.00004
%RSD	101.48	26.001	3.0547	56.400	181.53	.33983	43.707	31.745
#1	-.00002	.00079	.01904	-.00166	-.00194	-.00618	.00118	-.00016
#2	-.00015	.00115	.01988	-.00386	.00024	-.00621	.00062	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.34044	.00032	.00025	.00213	-.00669	.00281	.02976
Stddev	.00002	.02554	.00006	.00009	.00022	.00266	.00024	.04782
%RSD	70.735	7.5006	18.749	35.843	10.174	39.792	8.3783	160.71
#1	-.00001	.35850	.00036	.00018	.00197	-.00857	.00298	.06357
#2	-.00004	.32239	.00028	.00031	.00228	-.00481	.00264	-.00406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00053	97.275	-.00025	.00021	.41312	.00095	-.01020
Stddev	.00017	.00066	.077	.00030	.00006	.05258	.00035	.00220
%RSD	21.601	122.84	.07928	116.97	30.055	12.727	37.031	21.566
#1	-.00090	-.00007	97.221	-.00046	.00017	.37595	.00120	-.00864
#2	-.00066	-.00100	97.330	-.00004	.00026	.45030	.00070	-.01175
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.597	.00414	-.00425	.00070	.00571	-.0017	.00057	3.8394
Stddev	.096	.00059	.00037	.00089	.00299	.0007	.00002	.1820
%RSD	.90972	14.303	8.8034	126.13	52.329	41.83	3.1573	4.7391
#1	10.665	.00372	-.00451	.00133	.00783	-.0012	.00058	3.9680
#2	10.529	.00456	-.00398	.00008	.00360	-.0023	.00056	3.7107

Sample Name: J6008-01LDLX1000 Acquired: 11/29/2018 13:41:09 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.63452
Stddev	.28379
%RSD	44.725

#1	.83518
#2	.43385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.0	50453.	4148.8	61.495	4052.4
Stddev	33.9	260.	10.0	.392	36.6
%RSD	.87336	.51585	.24156	.63677	.90347

#1	3852.1	50269.	4141.7	61.218	4026.5
#2	3899.9	50637.	4155.9	61.772	4078.3

Sample Name: J6008-01MSDLX200 Acquired: 11/29/2018 13:45:11 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	.00958	.00807	.00833	.00528	.00922	.00281	.00094
Stddev	.00049	.00108	.00275	.00356	.00003	.01755	.00010	.00002
%RSD	12.201	11.291	34.138	42.764	.56998	190.37	3.6089	1.9868
#1	.00364	.01034	.01002	.00581	.00530	.02162	.00274	.00093
#2	.00433	.00881	.00612	.01084	.00526	-.00319	.00288	.00096
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	1.5901	.00252	.00350	.00208	.01187	.00141	.11018
Stddev	.00001	.0234	.00048	.00006	.00003	.01422	.00003	.06098
%RSD	1.4361	1.4739	18.986	1.8043	1.4555	119.80	2.4432	55.346
#1	.00100	1.5735	.00286	.00355	.00206	.00181	.00138	.15329
#2	.00098	1.6067	.00218	.00346	.00211	.02192	.00143	.06706
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00399	.00000	468.33	.00099	.00144	1.5501	.00708	-.00284
Stddev	.00018	.00002	4.49	.00011	.00012	.0243	.00041	.00176
%RSD	4.6371	1241.6	.95944	11.334	8.6047	1.5694	5.8519	61.983
#1	.00386	.00002	471.51	.00091	.00153	1.5329	.00738	-.00408
#2	.00412	-.00001	465.15	.00107	.00136	1.5673	.00679	-.00159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.262	.01549	-.01268	.00387	.01170	.0278	.00380	5.0992
Stddev	.018	.00190	.00006	.00359	.00007	.0019	.00033	.1446
%RSD	.04234	12.251	.48233	92.686	.55664	7.013	8.7445	2.8348
#1	42.274	.01415	-.01273	.00641	.01174	.0291	.00404	5.2015
#2	42.249	.01683	-.01264	.00133	.01165	.0264	.00357	4.9970

Sample Name: J6008-01MSDLX200 Acquired: 11/29/2018 13:45:11 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1054
Stddev	.2995
%RSD	27.097

#1	1.3172
#2	.89358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3703.0	46693.	4041.4	58.810	3707.9
Stddev	2.0	79.	38.4	1.046	10.6
%RSD	.05367	.16996	.95062	1.7789	.28492

#1	3704.4	46637.	4014.2	58.070	3700.4
#2	3701.6	46750.	4068.6	59.550	3715.3

Sample Name: J6008-01MSDDLX200 Acquired: 11/29/2018 13:49:20 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00528	.01009	.00729	.00941	.00366	.02744	.00342	.00097
Stddev	.00024	.00002	.00010	.00048	.00104	.00822	.00027	.00004
%RSD	4.6236	.20060	1.3949	5.0683	28.425	29.945	8.0111	4.3884
#1	.00545	.01008	.00737	.00907	.00292	.02163	.00323	.00094
#2	.00510	.01011	.00722	.00974	.00439	.03326	.00361	.00100
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	1.5741	.00246	.00343	.00215	-.01730	.00154	.10862
Stddev	.00008	.0064	.00031	.00020	.00022	.00578	.00003	.00876
%RSD	8.6176	.40943	12.663	5.9671	10.073	33.412	1.7220	8.0665
#1	.00102	1.5787	.00268	.00328	.00200	-.01321	.00156	.11482
#2	.00090	1.5696	.00224	.00357	.00230	-.02138	.00153	.10242
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	.00034	472.67	.00123	.00139	1.5391	.00723	-.00553
Stddev	.00040	.00030	5.38	.00025	.00004	.0251	.00026	.00433
%RSD	9.5961	90.297	1.1384	20.724	3.0128	1.6301	3.5324	78.306
#1	.00388	.00012	476.48	.00141	.00136	1.5568	.00705	-.00247
#2	.00444	.00055	468.87	.00105	.00142	1.5213	.00741	-.00859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.147	.01773	-.01176	.00323	.01205	.0258	.00400	5.0787
Stddev	.322	.00000	.00011	.00049	.00277	.0002	.00006	.4205
%RSD	.76315	.00661	.91812	15.088	23.015	.5889	1.4739	8.2796
#1	41.920	.01773	-.01169	.00357	.01009	.0257	.00396	5.3760
#2	42.375	.01773	-.01184	.00288	.01401	.0259	.00404	4.7813

Sample Name: J6008-01MSDDLX200 Acquired: 11/29/2018 13:49:20 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.43877
Stddev	.51671
%RSD	117.76

#1	.07340
#2	.80415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.4	46794.	4035.0	59.048	3726.7
Stddev	29.2	542.	21.9	.598	20.1
%RSD	.78581	1.1578	.54262	1.0124	.53910

#1	3738.1	46411.	4019.5	59.470	3740.9
#2	3696.8	47177.	4050.5	58.625	3712.5

Sample Name: J6008-01ADLX200 Acquired: 11/29/2018 13:53:28 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	.00974	.00757	.01268	.00417	.00036	.00321	.00113
Stddev	.00362	.00120	.00171	.00308	.00083	.00289	.00049	.00003
%RSD	61.472	12.346	22.655	24.312	20.010	806.15	15.116	2.7817
#1	.00846	.01059	.00878	.01050	.00358	-.00168	.00287	.00115
#2	.00333	.00889	.00636	.01485	.00476	.00240	.00355	.00110
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	1.6137	.00259	.00340	.00227	.01881	.00143	.12246
Stddev	.00000	.0078	.00006	.00001	.00055	.00578	.00001	.04438
%RSD	.15603	.48142	2.3788	.19202	24.367	30.713	.57575	36.244
#1	.00105	1.6192	.00254	.00340	.00188	.02290	.00142	.15384
#2	.00105	1.6082	.00263	.00339	.00266	.01473	.00143	.09107
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00410	.00065	476.73	.00132	.00136	1.5868	.00743	-.00178
Stddev	.00020	.00021	4.01	.00001	.00008	.0481	.00004	.00198
%RSD	4.8051	32.472	.84183	.60205	5.7622	3.0333	.52516	110.71
#1	.00424	.00050	473.90	.00132	.00131	1.5527	.00740	-.00318
#2	.00396	.00080	479.57	.00133	.00142	1.6208	.00745	-.00039
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.965	.01358	-.01256	.00544	.01080	.0275	.00396	5.0855
Stddev	.017	.00034	.00019	.00119	.00043	.0008	.00001	.1828
%RSD	.03925	2.5110	1.5302	21.773	4.0196	2.819	.29702	3.5946
#1	42.954	.01382	-.01269	.00628	.01049	.0280	.00396	5.2147
#2	42.977	.01334	-.01242	.00461	.01111	.0269	.00395	4.9562

Sample Name: J6008-01ADLX200 Acquired: 11/29/2018 13:53:28 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WASTE-WATER- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.79485
Stddev	.11392
%RSD	14.332

#1	.87540
#2	.71429

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.1	46690.	4083.1	60.963	3726.0
Stddev	1.2	352.	13.7	1.149	5.6
%RSD	.03225	.75380	.33470	1.8848	.15046

#1	3714.3	46441.	4092.8	61.775	3729.9
#2	3716.0	46939.	4073.5	60.150	3722.0

Sample Name: J6074-01 Acquired: 11/29/2018 13:57:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	.00948	.18986	.01309	.01108	188.34	.57993
Stddev	.00085	.00106	.00151	.00099	.00103	1.42	.00027
%RSD	12.104	11.172	.79425	7.5314	9.2969	.75389	.04664

#1	.00645	.00873	.19093	.01379	.01180	189.34	.58012
#2	.00766	.01023	.18879	.01240	.01035	187.33	.57974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00698	-.00800	297.36	.24499	.24600	.80503	444.82
Stddev	.00006	.00034	.64	.00231	.00020	.00108	1.67
%RSD	.87310	4.2351	.21654	.94169	.08097	.13433	.37435

#1	.00703	-.00824	296.91	.24662	.24586	.80426	446.00
#2	.00694	-.00777	297.82	.24336	.24615	.80579	443.64

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2890	118.73	.44728	-.00828	7.8649	.59559	.89960
Stddev	.0294	.32	.00023	.00043	.0191	.00680	.00510
%RSD	.55535	.27013	.05185	5.2462	.24318	1.1415	.56688

#1	5.3098	118.50	.44744	-.00859	7.8784	.60040	.90320
#2	5.2683	118.95	.44711	-.00797	7.8514	.59078	.89599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.905	.00363	1.0189	6.9065	3.5132	.02779	F 14.231
Stddev	.070	.00039	.0022	.0253	.0389	.00087	.032
%RSD	.53901	10.613	.21851	.36564	1.1079	3.1429	.22150

#1	12.855	.00336	1.0205	6.8887	3.4856	.02841	14.209
#2	12.954	.00390	1.0174	6.9244	3.5407	.02717	14.253

Sample Name: J6074-01 Acquired: 11/29/2018 13:57:36 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WC-NY5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19155	7.449	.15476	<.00000	F<.00000
Stddev	.00019	.018	.00150	.11199	2.8339
%RSD	.10147	.2382	.96878	8.9685	14.528

#1	.19169	7.437	.15370	-1.1695	-21.511
#2	.19141	7.462	.15582	-1.3279	-17.503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4564.1	59510.	5206.3	55.103	3404.7
Stddev	.6	529.	2.6	.333	.3
%RSD	.01272	.88819	.04972	.60506	.00862

#1	4563.7	59137.	5208.2	54.868	3404.5
#2	4564.5	59884.	5204.5	55.339	3404.9

Sample Name: J6074-03 Acquired: 11/29/2018 14:01:37 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002-WC-NY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06834	.01346	.57210	.00822	.01376	138.99	1.3950
Stddev	.00016	.00149	.00397	.00021	.00217	.30	.0019
%RSD	.23936	11.104	.69338	2.5331	15.789	.21914	.13744

#1	.06845	.01452	.56930	.00807	.01530	138.78	1.3963
#2	.06822	.01241	.57491	.00837	.01223	139.21	1.3936

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01307	.00231	240.59	.33027	.12049	.67632	397.91
Stddev	.00004	.00023	.69	.00071	.00118	.00357	3.51
%RSD	.32501	9.7497	.28620	.21421	.97913	.52761	.88119

#1	.01304	.00247	240.10	.33077	.11966	.67380	395.43
#2	.01310	.00215	241.08	.32977	.12132	.67885	400.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4267	66.570	.29032	-.00820	9.4495	.79487	1.3794
Stddev	.0011	.179	.00066	.00029	.0062	.00028	.0089
%RSD	.04696	.26878	.22603	3.4952	.06515	.03558	.64820

#1	2.4275	66.443	.28985	-.00840	9.4539	.79507	1.3731
#2	2.4259	66.696	.29078	-.00800	9.4452	.79467	1.3857

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3538	.00749	.32229	F 25.300	5.9382	.07124	5.8921
Stddev	.0314	.00002	.00216	.019	.0220	.00140	.0004
%RSD	.33579	.27820	.67010	.07601	.37105	1.9590	.00643

#1	9.3760	.00750	.32382	25.286	5.9226	.07223	5.8919
#2	9.3316	.00747	.32076	25.314	5.9538	.07026	5.8924

Sample Name: J6074-03 Acquired: 11/29/2018 14:01:37 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 002-WC-NY6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12488	7.319	.38705	.19287	F<.00000
Stddev	.00107	.039	.00352	.17896	1.3045
%RSD	.85438	.5305	.90849	92.784	10.054

#1	.12564	7.291	.38954	.06633	-12.053
#2	.12413	7.346	.38456	.31941	-13.897

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4273.5	55822.	4824.2	56.470	3516.3
Stddev	6.7	128.	.7	.498	12.5
%RSD	.15750	.22890	.01510	.88220	.35675

#1	4278.2	55913.	4824.7	56.823	3525.2
#2	4268.7	55732.	4823.6	56.118	3507.5

Sample Name: CCV03 Acquired: 11/29/2018 14:05:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14250 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7586	4.8392	4.8121	4.9241	5.0794	10.200	10.062	.24835
Stddev	.0404	.0259	.0309	.0236	.0287	.160	.018	.00332
%RSD	.84947	.53508	.64270	.48005	.56466	1.5708	.17542	1.3353
#1	4.7872	4.8575	4.8340	4.9408	5.0997	10.086	10.050	.24600
#2	4.7301	4.8209	4.7902	4.9074	5.0592	10.313	10.075	.25069
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4049	25.254	1.0086	2.4405	1.2348	4.9523	2.5051	23.589
Stddev	.0121	.056	.0075	.0100	.0078	.1062	.0236	.019
%RSD	.50433	.22169	.74066	.41086	.62903	2.1453	.94263	.08046
#1	2.4135	25.215	1.0033	2.4476	1.2403	4.8772	2.4884	23.575
#2	2.3963	25.294	1.0139	2.4334	1.2293	5.0275	2.5218	23.602
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3803	1.1914	24.693	2.3789	2.6391	23.883	4.8222	4.7247
Stddev	.0121	.0061	.039	.0172	.0415	.173	.0233	.0492
%RSD	.51027	.51323	.15808	.72224	1.5733	.72530	.48224	1.0415
#1	2.3889	1.1871	24.665	2.3668	2.6098	23.761	4.8386	4.6899
#2	2.3717	1.1958	24.720	2.3911	2.6685	24.006	4.8057	4.7595
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9412	4.6973	4.6725	4.9157	4.9477	4.805	5.1908	F 4.3500
Stddev	.0405	.0042	.0314	.0158	.0194	.035	.0231	.1456
%RSD	.82029	.08907	.67281	.32158	.39150	.7323	.44412	3.3482
#1	4.9699	4.6944	4.6948	4.9045	4.9340	4.830	5.1745	4.2470
#2	4.9125	4.7003	4.6503	4.9269	4.9614	4.780	5.2071	4.4529

Sample Name: CCV03 Acquired: 11/29/2018 14:05:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14250 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5053
Stddev	.1481
%RSD	5.9123

#1	2.6101
#2	2.4006

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.7	50225.	4142.2	56.525	3850.4
Stddev	17.6	352.	4.6	.903	18.1
%RSD	.45372	.70117	.11060	1.5974	.46997

#1	3869.2	50474.	4145.5	57.163	3837.6
#2	3894.1	49976.	4139.0	55.887	3863.2

Sample Name: CCB03 Acquired: 11/29/2018 14:17:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14250 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	.00082	.00526	.00075	.00136	.00527	-.00078	-.00002
Stddev	.00043	.00148	.00062	.00053	.00017	.01138	.00022	.00012
%RSD	20.960	181.06	11.790	69.814	12.318	215.98	28.223	484.64
#1	.00174	.00186	.00482	.00113	.00148	-.00278	-.00094	-.00011
#2	.00234	-.00023	.00570	.00038	.00125	.01332	-.00062	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01401	-.00006	-.00021	.00100	-.00706	.00017	-.09839
Stddev	.00003	.00264	.00020	.00016	.00026	.00994	.00006	.03721
%RSD	31.160	18.842	338.27	74.768	25.641	140.76	36.482	37.821
#1	.00010	.01588	.00008	-.00033	.00118	-.00003	.00021	-.07208
#2	.00006	.01214	-.00020	-.00010	.00082	-.01409	.00013	-.12470
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	-.00058	.02932	-.00026	-.00083	.07502	-.00017	-.00560
Stddev	.00011	.00026	.00464	.00005	.00003	.00448	.00001	.00311
%RSD	15.790	44.280	15.824	20.983	3.8305	5.9671	5.4851	55.445
#1	-.00063	-.00076	.02604	-.00022	-.00086	.07186	-.00016	-.00341
#2	-.00079	-.00040	.03261	-.00030	-.00081	.07819	-.00018	-.00780
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00361	.00280	-.00047	.00199	.00185	.0004	.00011	F 2.9821
Stddev	.00223	.00027	.00007	.00111	.00034	.0005	.00004	.1977
%RSD	61.827	9.8189	13.973	55.781	18.136	114.7	39.537	6.6285
#1	.00203	.00299	-.00042	.00278	.00162	.0008	.00008	3.1219
#2	.00518	.00260	-.00051	.00121	.00209	.0001	.00014	2.8423

Sample Name: CCB03 Acquired: 11/29/2018 14:17:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14250 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .53221
Stddev	.41985
%RSD	78.888

#1	.23533
#2	.82910

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4065.2	53291.	4206.2	60.406	4507.0
Stddev	5.4	453.	70.0	.143	6.5
%RSD	.13227	.85040	1.6651	.23678	.14415

#1	4061.4	52970.	4156.6	60.507	4502.4
#2	4069.0	53611.	4255.7	60.305	4511.6

Sample Name: PB115133BL Acquired: 11/29/2018 14:21:31 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00013	.00337	-.00036	.00064	.01066	.00065	-.00004
Stddev	.00013	.00027	.00080	.00192	.00154	.00237	.00019	.00005
%RSD	492.85	212.81	23.818	539.92	240.40	22.257	29.741	122.43
#1	.00012	-.00006	.00280	-.00172	-.00045	.01234	.00079	-.00007
#2	-.00007	.00031	.00393	.00100	.00173	.00898	.00051	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.01055	-.00009	-.00003	.00093	-.00718	.00021	-.02707
Stddev	.00008	.01093	.00002	.00020	.00009	.01084	.00001	.03405
%RSD	64.485	103.60	18.661	781.60	9.7511	150.81	4.8275	125.81
#1	.00019	.00282	-.00010	-.00017	.00100	.00048	.00022	-.00299
#2	.00007	.01828	-.00008	.00012	.00087	-.01485	.00021	-.05115
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	-.00029	.03147	-.00020	-.00090	.09567	-.00016	.00166
Stddev	.00006	.00022	.01149	.00052	.00004	.02358	.00008	.00073
%RSD	10.986	76.416	36.513	259.50	4.6124	24.645	50.654	43.993
#1	-.00050	-.00045	.03960	.00017	-.00087	.11234	-.00011	.00217
#2	-.00059	-.00013	.02335	-.00057	-.00093	.07899	-.00022	.00114
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	.00145	-.00054	.00298	-.00027	.0019	.00021	F 2.8506
Stddev	.00203	.00130	.00013	.00031	.00084	.0008	.00012	.0609
%RSD	56.921	89.267	24.217	10.307	316.27	42.84	54.801	2.1357
#1	.00213	.00054	-.00063	.00320	.00033	.0024	.00013	2.8937
#2	.00500	.00237	-.00045	.00277	-.00086	.0013	.00029	2.8076

Sample Name: PB115133BL Acquired: 11/29/2018 14:21:31 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .22664
Stddev .00730
%RSD 3.2202

#1 .23180
#2 .22148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.0	53380.	4215.8	60.497	4496.0
Stddev	10.5	264.	13.3	.934	18.4
%RSD	.26067	.49543	.31449	1.5434	.40827

#1	4039.5	53193.	4206.4	59.836	4483.0
#2	4054.4	53567.	4225.1	61.157	4509.0

Sample Name: PB115118BL Acquired: 11/29/2018 14:25:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14250 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	.00083	.00279	.00251	.00150	.00125	.00040	-.00005
Stddev	.00150	.00093	.00064	.00179	.00083	.00180	.00047	.00000
%RSD	189.16	112.30	22.811	71.570	55.284	144.08	118.33	1.3870
#1	-.00027	.00149	.00324	.00377	.00091	.00253	.00073	-.00005
#2	.00185	.00017	.00234	.00124	.00208	-.00002	.00006	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00867	.00012	-.00027	.00134	-.00808	.00014	-.07974
Stddev	.00005	.01305	.00001	.00011	.00019	.01934	.00002	.01868
%RSD	71.266	150.58	12.390	40.877	14.264	239.37	11.463	23.428
#1	.00011	-.00056	.00013	-.00035	.00147	.00560	.00013	-.06653
#2	.00003	.01790	.00011	-.00019	.00120	-.02175	.00015	-.09295
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00010	.02315	-.00026	-.00088	.02436	-.00021	-.00045
Stddev	.00011	.00003	.00063	.00007	.00010	.01934	.00012	.00474
%RSD	33.223	26.202	2.7252	25.083	11.516	79.376	54.478	1061.0
#1	-.00025	-.00008	.02271	-.00031	-.00081	.03804	-.00013	.00290
#2	-.00040	-.00011	.02360	-.00022	-.00095	.01069	-.00029	-.00380
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00625	.00135	-.00016	.00104	.00028	.0004	.00014	F 2.8000
Stddev	.00026	.00246	.00012	.00078	.00159	.0004	.00001	.0844
%RSD	4.1578	182.66	73.714	74.514	573.97	98.33	6.0375	3.0145
#1	.00606	.00308	-.00008	.00049	.00140	.0001	.00013	2.7404
#2	.00643	-.00039	-.00025	.00159	-.00085	.0007	.00015	2.8597

Sample Name: PB115118BL Acquired: 11/29/2018 14:25:36 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14250 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .54788
Stddev	1.1525
%RSD	210.37

#1	1.3629
#2	-.26710

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.3	53206.	4199.1	61.931	4500.7
Stddev	8.8	150.	15.4	.201	2.9
%RSD	.21627	.28247	.36572	.32437	.06516

#1	4049.1	53313.	4188.2	61.789	4498.6
#2	4061.5	53100.	4209.9	62.073	4502.7

Sample Name: PB115133BS Acquired: 11/29/2018 14:29:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75843	1.9468	.96134	1.9448	.83155	2.0823	.22189
Stddev	.00181	.0063	.00264	.0068	.00546	.0268	.00050
%RSD	.23875	.32083	.27441	.34834	.65627	1.2885	.22640

#1	.75715	1.9512	.96320	1.9496	.82769	2.0633	.22224
#2	.75971	1.9424	.95947	1.9400	.83541	2.1013	.22153

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19747	.18740	1.1119	.43764	.20214	.32496	3.0955
Stddev	.00037	.00037	.0015	.00044	.00100	.00010	.0742
%RSD	.18572	.19758	.13255	.09969	.49630	.02942	2.3962

#1	.19721	.18766	1.1129	.43733	.20285	.32503	3.1479
#2	.19773	.18713	1.1108	.43794	.20143	.32489	3.0430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22208	2.0104	.48890	.06990	3.1917	.30775	.21269
Stddev	.00018	.0337	.00083	.00095	.0095	.00017	.00515
%RSD	.08243	1.6750	.17066	1.3534	.29852	.05607	2.4211

#1	.22221	1.9866	.48949	.06923	3.1850	.30763	.21633
#2	.22195	2.0342	.48831	.07056	3.1985	.30787	.20905

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.399	.43329	.29185	F .00510	.93985	.65031	.21373
Stddev	.040	.00003	.01291	.00098	.01168	.00170	.00111
%RSD	.38795	.00807	4.4253	19.114	1.2429	.26177	.51807

#1	10.427	.43332	.30098	.00441	.94810	.65151	.21452
#2	10.370	.43327	.28272	.00579	.93159	.64911	.21295

Sample Name: PB115133BS Acquired: 11/29/2018 14:29:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22076	5.282	.22665	F 3.1069	F<.00000
Stddev	.00174	.023	.00068	.1025	.45443
%RSD	.78624	.4353	.30201	3.2988	45.948

#1	.21954	5.298	.22616	3.0344	-.66768
#2	.22199	5.265	.22713	3.1794	-1.3103

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.9	53047.	4164.7	61.075	4385.9
Stddev	24.9	116.	26.2	1.797	39.4
%RSD	.61675	.21945	.62852	2.9418	.89836

#1	4027.3	53129.	4146.2	59.805	4358.1
#2	4062.6	52965.	4183.2	62.345	4413.8

Sample Name: PB115118BS Acquired: 11/29/2018 14:33:30 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB115118BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81539	2.0989	1.0259	2.1101	.89974	2.1933	.23278
Stddev	.00355	.0074	.0008	.0020	.00195	.0120	.00068
%RSD	.43590	.35383	.08144	.09379	.21680	.54608	.29204

#1	.81287	2.0937	1.0253	2.1115	.90112	2.2018	.23326
#2	.81790	2.1042	1.0265	2.1087	.89837	2.1849	.23230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21123	.19971	1.1872	.45088	.21247	.34719	3.2388
Stddev	.00096	.00007	.0170	.00240	.00028	.00006	.0263
%RSD	.45248	.03658	1.4357	.53171	.13001	.01822	.81140

#1	.21191	.19966	1.1992	.45257	.21228	.34724	3.2574
#2	.21056	.19976	1.1751	.44918	.21267	.34715	3.2202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23243	2.1938	.51662	.07508	3.3613	.31508	.22491
Stddev	.00156	.0244	.00088	.00010	.0022	.00336	.00296
%RSD	.67125	1.1098	.16968	.13036	.06583	1.0671	1.3158

#1	.23353	2.1766	.51724	.07515	3.3628	.31746	.22701
#2	.23133	2.2110	.51600	.07501	3.3597	.31270	.22282

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.959	.44870	.31714	F 2.7260	.99262	.70092	.22385
Stddev	.026	.00080	.00841	.0135	.00194	.00029	.00409
%RSD	.23454	.17849	2.6507	.49325	.19528	.04200	1.8272

#1	10.941	.44927	.31119	2.7355	.99125	.70113	.22096
#2	10.977	.44814	.32308	2.7165	.99399	.70072	.22674

Sample Name: PB115118BS Acquired: 11/29/2018 14:33:30 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB115118BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23183	5.712	.23727	F 3.0819	F<.00000
Stddev	.00022	.011	.00063	.1142	.09924
%RSD	.09691	.1988	.26458	3.7041	6.5091

#1	.23167	5.720	.23683	3.0012	-1.5948
#2	.23199	5.704	.23772	3.1627	-1.4544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4020.7	53297.	4175.8	60.991	4344.6
Stddev	11.4	222.	20.2	.916	9.2
%RSD	.28472	.41560	.48483	1.5019	.21066

#1	4012.6	53141.	4190.2	60.343	4338.1
#2	4028.8	53454.	4161.5	61.639	4351.0

Sample Name: J6074-05 Acquired: 11/29/2018 14:37:20 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 003-WC-NY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03093	.00589	.50940	.01245	.00489	114.09	.89268
Stddev	.00236	.00024	.00003	.00393	.00271	.22	.00252
%RSD	7.6383	4.0615	.00526	31.583	55.459	.19072	.28218

#1	.03260	.00573	.50938	.01523	.00681	114.24	.89446
#2	.02926	.00606	.50942	.00967	.00297	113.93	.89090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00743	-.00224	466.57	.27234	.13892	.34631	285.28
Stddev	.00007	.00059	2.52	.00221	.00008	.00052	4.10
%RSD	1.0071	26.295	.54098	.81276	.06063	.15095	1.4381

#1	.00738	-.00182	464.78	.27077	.13887	.34668	282.38
#2	.00748	-.00265	468.35	.27390	.13898	.34594	288.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6244	174.45	.25640	-.00311	7.2892	.36196	1.8845
Stddev	.0076	.04	.00040	.00039	.0254	.00198	.0333
%RSD	.20995	.02316	.15546	12.446	.34856	.54614	1.7672

#1	3.6298	174.42	.25612	-.00338	7.3071	.36056	1.8610
#2	3.6191	174.48	.25668	-.00284	7.2712	.36336	1.9081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.675	.00925	.15209	F 19.378	5.6445	.03298	5.4288
Stddev	.013	.00015	.00115	.055	.0199	.00073	.0128
%RSD	.07299	1.6682	.75342	.28494	.35186	2.2022	.23591

#1	17.666	.00936	.15290	19.417	5.6305	.03246	5.4379
#2	17.684	.00914	.15128	19.339	5.6586	.03349	5.4198

Sample Name: J6074-05 Acquired: 11/29/2018 14:37:20 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 003-WC-NY2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13688	6.401	.64822	<.00000	F<.00000
Stddev	.00058	.006	.00049	.00718	.44193
%RSD	.42636	.0968	.07605	2.4491	15.567

#1	.13647	6.405	.64787	-.28807	-3.1514
#2	.13729	6.396	.64856	-.29822	-2.5265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4685.8	60962.	5419.2	53.490	3275.1
Stddev	3.8	98.	22.5	1.034	5.3
%RSD	.08022	.16116	.41581	1.9327	.16303

#1	4683.1	60892.	5435.2	54.221	3271.3
#2	4688.4	61031.	5403.3	52.759	3278.8

Sample Name: J6074-07 Acquired: 11/29/2018 14:41:17 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 004-WC-NY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05375	.00629	1.4496	.01159	.00455	103.33	1.1878	.00606
Stddev	.00140	.00030	.0047	.00049	.00311	.16	.0144	.00002
%RSD	2.6040	4.8019	.32545	4.2159	68.391	.15113	1.2134	.40998
#1	.05474	.00650	1.4529	.01125	.00235	103.44	1.1980	.00604
#2	.05276	.00608	1.4462	.01194	.00676	103.22	1.1776	.00607
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00879	516.04	.25093	.10449	.45409	267.64	2.9617	83.978
Stddev	.00026	5.96	.00036	.00059	.00140	4.47	.0035	1.114
%RSD	2.9897	1.1555	.14259	.56130	.30757	1.6701	.11841	1.3268
#1	.00861	520.25	.25067	.10491	.45508	270.80	2.9641	84.766
#2	.00898	511.82	.25118	.10408	.45310	264.48	2.9592	83.190
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29163	-.00178	8.1380	.38623	3.5374	18.776	.01443	.20846
Stddev	.00086	.00094	.1016	.00010	.0669	.254	.00021	.00682
%RSD	.29347	52.596	1.2480	.02592	1.8918	1.3517	1.4592	3.2735
#1	.29223	-.00112	8.2098	.38616	3.5847	18.955	.01458	.20363
#2	.29102	-.00245	8.0662	.38630	3.4901	18.596	.01428	.21329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.380	4.1690	.07125	4.9613	.12409	F 10.89	1.9477	<.00000
Stddev	.067	.0338	.00288	.0511	.00069	.03	.0182	.03133
%RSD	.36296	.81141	4.0435	1.0307	.55692	.2605	.93549	2.9096
#1	18.333	4.1930	.06922	4.9974	.12360	10.87	1.9606	-1.0547
#2	18.427	4.1451	.07329	4.9251	.12457	10.91	1.9348	-1.0990

Sample Name: J6074-07 Acquired: 11/29/2018 14:41:17 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 004-WC-NY4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .07268
 %RSD 10.604

#1 -.73685
 #2 -.63406

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4768.8	62275.	5517.1	54.551	3324.3
Stddev	2.8	77.	70.1	1.007	7.6
%RSD	.05810	.12423	1.2705	1.8457	.22808

#1	4766.8	62221.	5467.6	53.839	3329.6
#2	4770.7	62330.	5566.7	55.263	3318.9

Sample Name: J6079-01 Acquired: 11/29/2018 14:45:13 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-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	.26224	.01596	1.2873	.02762	.02063	329.11	1.2054	.01238
Stddev	.00251	.00127	.0006	.00192	.00212	.46	.0001	.00009
%RSD	.95885	7.9767	.04755	6.9407	10.302	.13973	.00747	.72265

#1	.26402	.01686	1.2869	.02626	.02213	329.43	1.2055	.01232
#2	.26046	.01506	1.2877	.02897	.01912	328.78	1.2053	.01244

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00594	59.126	.34322	.28123	.65549	666.84	9.6436	140.63
Stddev	.00080	.119	.00162	.00028	.00169	4.75	.0142	.12
%RSD	13.534	.20181	.47247	.09823	.25763	.71278	.14739	.08333

#1	-.00651	59.211	.34207	.28143	.65430	670.20	9.6537	140.55
#2	-.00537	59.042	.34436	.28104	.65669	663.48	9.6336	140.72

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43381	-.00647	2.3713	.76805	2.2501	13.745	.01018	.21939
Stddev	.00168	.00096	.0054	.00181	.0186	.039	.00006	.01523
%RSD	.38667	14.794	.22722	.23622	.82754	.28733	.54690	6.9411

#1	.43500	-.00579	2.3752	.76933	2.2633	13.717	.01014	.23016
#2	.43263	-.00715	2.3675	.76677	2.2369	13.772	.01022	.20862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1433	4.6983	.03417	7.4172	.28995	F 16.32	-.55592	<.00000
Stddev	.0004	.0204	.00136	.0016	.00126	.04	.00530	.12040
%RSD	.01086	.43479	3.9937	.02180	.43499	.2525	.95310	3.5091

#1	4.1436	4.6839	.03320	7.4161	.29084	16.35	-.55967	-3.3459
#2	4.1430	4.7128	.03513	7.4184	.28906	16.29	-.55217	-3.5161

Sample Name: J6079-01 Acquired: 11/29/2018 14:45:13 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-1 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	4809.3	62095.	5442.3	54.921	3316.9
Stddev	11.6	132.	10.1	.487	3.6
%RSD	.24031	.21301	.18479	.88599	.10952
#1	4801.1	62001.	5435.1	54.577	3314.3
#2	4817.4	62188.	5449.4	55.265	3319.4

Sample Name: J6079-01DUP Acquired: 11/29/2018 14:49:14 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-1DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25415	.01541	1.2924	.01702	.01885	329.48	1.2060	.01238
Stddev	.00018	.00097	.0076	.00318	.00285	.94	.0014	.00007
%RSD	.07254	6.2790	.59037	18.686	15.114	.28659	.11631	.52812
#1	.25402	.01473	1.2978	.01926	.02087	330.14	1.2070	.01242
#2	.25428	.01610	1.2870	.01477	.01684	328.81	1.2050	.01233
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	59.207	.35127	.28816	.65734	655.21	9.8278	140.36
Stddev	.00082	.254	.00021	.00097	.00087	1.65	.0210	.06
%RSD	17.657	.42837	.05913	.33530	.13274	.25158	.21380	.04086
#1	-.00407	59.028	.35112	.28884	.65795	654.05	9.8129	140.40
#2	-.00524	59.387	.35141	.28748	.65672	656.38	9.8426	140.32
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44133	-.00695	2.3979	.78862	2.2261	13.746	.00977	.19781
Stddev	.00235	.00029	.0147	.00108	.0100	.042	.00022	.00737
%RSD	.53188	4.1651	.61414	.13707	.44995	.30902	2.2737	3.7264
#1	.44299	-.00675	2.3875	.78938	2.2190	13.716	.00993	.19260
#2	.43967	-.00716	2.4083	.78785	2.2332	13.777	.00961	.20302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1457	4.5427	.03341	7.6137	.28766	F 16.32	-.54211	<.00000
Stddev	.0305	.0394	.00042	.0063	.00125	.15	.00106	.02280
%RSD	.73643	.86840	1.2593	.08226	.43401	.9201	.19562	.66591
#1	4.1673	4.5148	.03371	7.6181	.28678	16.43	-.54136	-3.4083
#2	4.1241	4.5706	.03311	7.6092	.28854	16.22	-.54286	-3.4405

Sample Name: J6079-01DUP Acquired: 11/29/2018 14:49:14 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-1DUP 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	4802.1	62162.	5519.9	55.441	3304.6
Stddev	18.8	132.	20.4	.155	29.0
%RSD	.39205	.21233	.36924	.28005	.87795
#1	4788.8	62069.	5534.3	55.551	3284.1
#2	4815.4	62255.	5505.5	55.331	3325.1

Sample Name: J6079-01LX5 Acquired: 11/29/2018 14:53:14 Type: Unk
Method: P4-ICP2(v2617) 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	.06274	.00443	.25286	-.00263	.00434	76.239	.29889	.00269
Stddev	.00181	.00034	.00057	.00053	.00020	.232	.00219	.00005
%RSD	2.8911	7.6693	.22366	20.231	4.7181	.30442	.73422	2.0195

#1	.06146	.00467	.25326	-.00225	.00419	76.404	.30044	.00273
#2	.06402	.00419	.25247	-.00301	.00448	76.075	.29734	.00265

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00288	15.221	.08956	.05295	.18163	131.85	2.5717	34.780
Stddev	.00027	.041	.00026	.00030	.00044	2.42	.0099	.017
%RSD	9.2152	.26980	.29427	.56063	.24033	1.8373	.38650	.04905

#1	-.00307	15.250	.08975	.05274	.18194	133.56	2.5787	34.792
#2	-.00270	15.192	.08938	.05316	.18132	130.14	2.5647	34.768

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07878	-.00555	.57679	.19350	.46081	3.3529	.00192	-.00742
Stddev	.00041	.00065	.00651	.00190	.00712	.0086	.00010	.00018
%RSD	.51998	11.789	1.1292	.98312	1.5457	.25781	5.1464	2.3868

#1	.07907	-.00601	.57219	.19485	.46585	3.3468	.00199	-.00730
#2	.07849	-.00509	.58140	.19216	.45578	3.3591	.00185	-.00755

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79827	1.2065	.00665	1.8865	.06982	3.018	-.10092	2.6668
Stddev	.00017	.0070	.00043	.0082	.00036	.010	.00235	.1202
%RSD	.02169	.58159	6.4837	.43586	.51668	.3220	2.3300	4.5063

#1	.79815	1.2114	.00634	1.8923	.07008	3.011	-.10258	2.5818
#2	.79840	1.2015	.00695	1.8806	.06957	3.025	-.09925	2.7518

Sample Name: J6079-01LX5 Acquired: 11/29/2018 14:53:14 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.120
Stddev	.990
%RSD	8.9003

#1	11.820
#2	10.420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4132.5	53631.	4441.6	57.899	3942.5
Stddev	14.8	124.	12.7	1.038	11.4
%RSD	.35802	.23209	.28581	1.7930	.29015

#1	4122.0	53543.	4432.7	57.165	3934.4
#2	4142.9	53719.	4450.6	58.633	3950.6

Sample Name: J6079-01MS Acquired: 11/29/2018 14:57:09 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82822	2.0237	2.3781	1.4938	.16346	350.94	1.3627	.18302
Stddev	.00743	.0097	.0062	.0029	.00051	9.03	.0012	.00524
%RSD	.89665	.47731	.26197	.19654	.31471	2.5733	.09056	2.8625

#1	.83347	2.0306	2.3825	1.4917	.16309	357.33	1.3618	.18672
#2	.82297	2.0169	2.3737	1.4959	.16382	344.56	1.3636	.17931

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20589	66.296	.67363	.50346	.95759	639.57	9.6646	133.54
Stddev	.00048	.145	.02189	.00086	.00129	1.21	.2228	.64
%RSD	.23078	.21833	3.2492	.17125	.13453	.18880	2.3053	.48081

#1	.20555	66.194	.68910	.50407	.95668	638.71	9.8222	133.08
#2	.20622	66.399	.65815	.50285	.95850	640.42	9.5071	133.99

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93672	.05080	5.4612	1.0462	2.5960	20.670	.31576	.47480
Stddev	.00185	.00166	.0005	.0335	.0017	.029	.00003	.00384
%RSD	.19717	3.2699	.00909	3.2047	.06462	.13949	.00942	.80802

#1	.93802	.04963	5.4615	1.0700	2.5948	20.650	.31574	.47751
#2	.93541	.05198	5.4608	1.0225	2.5972	20.690	.31578	.47209

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2612	5.2675	.67549	8.2785	.44959	F 23.25	-.35728	<.00000
Stddev	.0190	.0017	.00465	.0013	.00221	.08	.00106	.46627
%RSD	.44598	.03246	.68822	.01512	.49234	.3417	.29561	17.705

#1	4.2746	5.2663	.67877	8.2794	.44802	23.30	-.35653	-2.3038
#2	4.2478	5.2687	.67220	8.2776	.45115	23.19	-.35803	-2.9632

Sample Name: J6079-01MS Acquired: 11/29/2018 14:57:09 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-1MS 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	4777.9	60740.	5411.9	55.590	3274.0
Stddev	6.7	1541.	8.0	.075	14.2
%RSD	.13988	2.5364	.14854	.13515	.43360
#1	4773.1	59650.	5417.6	55.643	3263.9
#2	4782.6	61829.	5406.2	55.537	3284.0

Sample Name: CCV04 Acquired: 11/29/2018 15:06:42 Type: Unk
Method: P4-ICP2(v2617) 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	4.7932	4.8755	4.8452	5.0000	5.1605	10.198	10.170	.25083
Stddev	.0060	.0030	.0036	.0071	.0081	.040	.002	.00054
%RSD	.12442	.06117	.07321	.14229	.15749	.39594	.02197	.21574
#1	4.7974	4.8734	4.8427	4.9950	5.1547	10.227	10.172	.25045
#2	4.7890	4.8777	4.8477	5.0050	5.1662	10.170	10.168	.25122
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4238	25.642	1.0251	2.4620	1.2520	4.8640	2.5311	23.501
Stddev	.0031	.285	.0040	.0031	.0037	.0463	.0007	.125
%RSD	.12775	1.1097	.38718	.12602	.29378	.95106	.02920	.53000
#1	2.4216	25.441	1.0279	2.4599	1.2546	4.8313	2.5306	23.413
#2	2.4260	25.843	1.0223	2.4642	1.2494	4.8968	2.5317	23.589
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3896	1.1978	24.922	2.3919	2.6294	24.104	4.8788	4.7926
Stddev	.0003	.0007	.009	.0052	.0256	.006	.0009	.0011
%RSD	.01093	.05991	.03482	.21564	.97369	.02687	.01881	.02269
#1	2.3897	1.1973	24.916	2.3956	2.6113	24.109	4.8782	4.7918
#2	2.3894	1.1983	24.928	2.3883	2.6475	24.100	4.8795	4.7933
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9425	4.8053	4.6888	4.9294	5.0246	4.830	5.2811	4.8011
Stddev	.0020	.0177	.0002	.0144	.0132	.007	.0225	.1804
%RSD	.04016	.36753	.00468	.29205	.26229	.1410	.42527	3.7565
#1	4.9411	4.7928	4.6886	4.9193	5.0153	4.825	5.2652	4.9286
#2	4.9439	4.8178	4.6890	4.9396	5.0339	4.835	5.2970	4.6735

Sample Name: CCV04 Acquired: 11/29/2018 15:06:42 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5700
Stddev	.3506
%RSD	13.642

#1	2.3221
#2	2.8179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3803.6	49659.	4040.9	56.690	3801.4
Stddev	.4	274.	5.3	.498	.7
%RSD	.01138	.55093	.13223	.87868	.01827

#1	3803.3	49465.	4044.6	57.043	3801.9
#2	3803.9	49852.	4037.1	56.338	3801.0

Sample Name: CCB04 Acquired: 11/29/2018 15:10:27 Type: Unk
Method: P4-ICP2(v2617) 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	.00242	.00175	.00147	.00085	.00083	-.00247	.00050	-.00008
Stddev	.00064	.00021	.00035	.00146	.00111	.01164	.00027	.00000
%RSD	26.663	11.709	23.555	170.92	134.27	470.55	53.815	1.7667
#1	.00287	.00190	.00171	-.00018	.00004	.00576	.00031	-.00008
#2	.00196	.00161	.00122	.00189	.00161	-.01071	.00070	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.01755	.00012	-.00027	.00038	-.01117	-.00010	-.01189
Stddev	.00003	.00048	.00002	.00001	.00078	.00327	.00001	.04970
%RSD	51.572	2.7620	15.310	3.6740	203.74	29.244	6.0972	418.05
#1	.00003	.01790	.00014	-.00027	-.00017	-.00886	-.00011	-.04703
#2	.00007	.01721	.00011	-.00028	.00094	-.01348	-.00010	.02325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00020	-.00067	-.00025	-.00069	.06188	.00000	.01063
Stddev	.00014	.00019	.00640	.00024	.00007	.00196	.00013	.00109
%RSD	23.466	92.646	953.50	97.629	10.190	3.1744	9160.0	10.283
#1	-.00048	.00007	.00386	-.00008	-.00064	.06049	.00009	.00986
#2	-.00067	.00033	-.00520	-.00042	-.00074	.06327	-.00009	.01140
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00210	.00029	.00065	.00100	.0003	.00015	F 3.2295
Stddev	.00360	.00112	.00045	.00132	.00106	.0007	.00000	.0930
%RSD	1836.9	53.525	153.05	201.95	106.27	270.6	3.2787	2.8795
#1	.00235	.00289	.00061	-.00028	.00175	-.0002	.00015	3.2952
#2	-.00274	.00130	-.00002	.00158	.00025	.0008	.00015	3.1637

Sample Name: CCB04 Acquired: 11/29/2018 15:10:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .90932
Stddev .02539
%RSD 2.7923

#1 .92728
#2 .89137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3992.7	52683.	4113.6	58.017	4445.0
Stddev	3.6	137.	6.8	1.368	3.2
%RSD	.08932	.26075	.16580	2.3573	.07201

#1	3990.2	52585.	4118.4	57.050	4447.2
#2	3995.2	52780.	4108.8	58.984	4442.7

Sample Name: J6079-01MSD Acquired: 11/29/2018 15:14:31 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82032	2.0044	2.3552	1.4911	.16437	342.39	1.3671	.17847
Stddev	.00277	.0176	.0253	.0043	.00147	2.98	.0035	.00029
%RSD	.33757	.87546	1.0730	.28963	.89289	.87143	.25502	.16011

#1	.81836	1.9920	2.3374	1.4880	.16333	340.28	1.3696	.17826
#2	.82228	2.0169	2.3731	1.4941	.16540	344.50	1.3646	.17867

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20350	66.060	.65049	.49816	.95472	647.04	9.4073	133.43
Stddev	.00353	.058	.00298	.00558	.00964	11.73	.0053	.40
%RSD	1.7343	.08789	.45779	1.1197	1.0095	1.8137	.05599	.29855

#1	.20100	66.101	.64838	.49422	.94790	655.34	9.4036	133.71
#2	.20599	66.019	.65259	.50211	.96153	638.74	9.4110	133.15

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92633	.05321	5.4480	1.0187	2.6361	20.693	.31555	.49994
Stddev	.00893	.00118	.0101	.0034	.0658	.033	.00291	.02448
%RSD	.96416	2.2177	.18608	.33570	2.4976	.15707	.92312	4.8968

#1	.92002	.05405	5.4551	1.0163	2.6826	20.670	.31349	.51725
#2	.93265	.05238	5.4408	1.0212	2.5895	20.716	.31761	.48263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2282	5.1744	.67065	8.2781	.44896	F 23.01	-.36631	<.00000
Stddev	.0481	.0541	.00664	.0046	.00087	.22	.01350	.13142
%RSD	1.1380	1.0460	.98939	.05530	.19393	.9450	3.6853	4.0747

#1	4.1942	5.2127	.66596	8.2813	.44958	22.86	-.37585	-3.3182
#2	4.2622	5.1361	.67534	8.2748	.44835	23.17	-.35676	-3.1324

Sample Name: J6079-01MSD Acquired: 11/29/2018 15:14:31 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-1MSD 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	4767.9	61960.	5394.8	54.741	3300.2
Stddev	36.0	16.	55.3	1.327	28.1
%RSD	.75514	.02657	1.0252	2.4247	.85097
#1	4793.4	61948.	5355.7	53.802	3320.1
#2	4742.5	61971.	5433.9	55.679	3280.4

Sample Name: J6079-01A Acquired: 11/29/2018 15:18:28 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7734 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81462	1.9881	2.3425	1.4849	.16251	346.49	1.3723	.18036
Stddev	.00884	.0103	.0207	.0144	.00567	8.15	.0043	.00582
%RSD	1.0851	.51973	.88511	.96788	3.4892	2.3525	.31068	3.2258

#1	.82087	1.9954	2.3572	1.4951	.16652	340.72	1.3753	.17625
#2	.80837	1.9808	2.3278	1.4748	.15850	352.25	1.3693	.18448

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20226	66.724	.66153	.49602	.95236	648.96	9.5562	133.64
Stddev	.00261	.096	.01949	.00319	.00629	1.84	.3134	.08
%RSD	1.2912	.14419	2.9464	.64375	.66029	.28347	3.2794	.06116

#1	.20411	66.792	.64775	.49827	.95680	647.66	9.3346	133.69
#2	.20042	66.656	.67531	.49376	.94791	650.26	9.7777	133.58

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92040	.05268	5.4565	1.0324	2.6447	20.786	.31458	.49807
Stddev	.00586	.00011	.0236	.0342	.0053	.045	.00363	.00967
%RSD	.63722	.21055	.43185	3.3082	.20076	.21686	1.1545	1.9417

#1	.92454	.05276	5.4732	1.0082	2.6409	20.818	.31715	.49123
#2	.91625	.05260	5.4398	1.0565	2.6484	20.754	.31201	.50490

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2076	5.2869	.66715	8.3068	.45480	F 22.92	-.36434	<.00000
Stddev	.0077	.0579	.00604	.0464	.00469	.03	.00303	.53447
%RSD	.18334	1.0957	.90584	.55887	1.0310	.1452	.83285	18.545

#1	4.2130	5.2460	.67142	8.3396	.45812	22.94	-.36220	-3.2600
#2	4.2021	5.3279	.66287	8.2740	.45148	22.90	-.36649	-2.5041

Sample Name: J6079-01A Acquired: 11/29/2018 15:18:28 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7734 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	4763.0	61261.	5359.1	54.412	3300.1
Stddev	22.1	1524.	7.6	.229	1.9
%RSD	.46448	2.4878	.14221	.42037	.05679
#1	4747.3	62339.	5353.7	54.574	3298.8
#2	4778.6	60183.	5364.4	54.251	3301.5

Sample Name: J6079-02 Acquired: 11/29/2018 15:22:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-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	.03323	.02188	.16668	.03126	.02046	274.38	1.1718	.00906
Stddev	.00038	.00276	.00529	.00773	.00059	1.55	.0074	.00005
%RSD	1.1384	12.601	3.1725	24.730	2.8807	.56474	.63078	.54816

#1	.03350	.01993	.17042	.02579	.02087	275.48	1.1666	.00910
#2	.03297	.02383	.16294	.03672	.02004	273.29	1.1771	.00903

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00759	45.324	.17742	.48729	.83297	898.33	11.577	158.49
Stddev	.00353	.067	.00054	.00306	.00515	28.26	.001	1.02
%RSD	46.444	.14710	.30378	.62803	.61819	3.1453	.01045	.64412

#1	-.00510	45.277	.17780	.48945	.83661	878.35	11.576	157.76
#2	-.01008	45.371	.17704	.48512	.82933	918.31	11.578	159.21

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36251	.00299	3.2265	1.1457	1.6809	11.736	.00187	.27507
Stddev	.00308	.00365	.0195	.0010	.0501	.101	.00009	.05662
%RSD	.85024	122.19	.60575	.08252	2.9811	.86371	4.9790	20.585

#1	.36469	.00041	3.2127	1.1463	1.6455	11.664	.00180	.23503
#2	.36033	.00556	3.2403	1.1450	1.7164	11.807	.00193	.31511

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78259	3.1059	.01925	F 10.867	.18361	F 11.01	-.72507	<.00000
Stddev	.01071	.0349	.00081	.072	.00049	.05	.03091	.03550
%RSD	1.3690	1.1244	4.1933	.65889	.26665	.4825	4.2628	.62636

#1	.77502	3.0812	.01982	10.816	.18327	11.05	-.70322	-5.6425
#2	.79017	3.1306	.01868	10.918	.18396	10.97	-.74693	-5.6927

Sample Name: J6079-02 Acquired: 11/29/2018 15:22:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-2 Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5069.3	66132.	5734.7	53.443	3193.1
Stddev	12.8	168.	36.2	1.720	5.8
%RSD	.25263	.25345	.63116	3.2179	.18101
#1	5078.3	66014.	5760.2	54.659	3189.1
#2	5060.2	66251.	5709.1	52.227	3197.2

Sample Name: J6079-03 Acquired: 11/29/2018 15:26:29 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4005	.01256	1.7605	.03090	.01956	283.38	1.3842
Stddev	.0032	.00212	.0037	.00282	.00235	1.60	.0014
%RSD	.23175	16.853	.21239	9.1257	12.028	.56519	.09851

#1	1.4027	.01406	1.7579	.03289	.02122	284.51	1.3852
#2	1.3982	.01106	1.7632	.02891	.01789	282.25	1.3832

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01427	-.00518	48.384	.29067	.20861	.29424	527.97
Stddev	.00014	.00024	.160	.00022	.00082	.00021	1.67
%RSD	.99843	4.5389	.33013	.07425	.39072	.06971	.31616

#1	.01417	-.00502	48.497	.29052	.20803	.29439	526.79
#2	.01437	-.00535	48.271	.29082	.20918	.29410	529.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.507	69.849	.31365	.00592	1.1824	.55579	1.7821
Stddev	.046	.034	.00285	.00075	.0059	.00143	.0111
%RSD	.39658	.04882	.90769	12.706	.49449	.25778	.62041

#1	11.540	69.825	.31164	.00539	1.1783	.55478	1.7743
#2	11.475	69.873	.31566	.00645	1.1865	.55680	1.7900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5995	.00459	.22571	3.3952	2.4244	.03256	3.0877
Stddev	.0012	.00006	.00134	.0172	.0004	.00133	.0051
%RSD	.01556	1.2434	.59185	.50715	.01476	4.0831	.16447

#1	7.6004	.00463	.22476	3.3830	2.4246	.03350	3.0841
#2	7.5987	.00455	.22665	3.4074	2.4241	.03162	3.0913

Sample Name: J6079-03 Acquired: 11/29/2018 15:26:29 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20816	F 21.23	-.34149	<.00000	F<.00000
Stddev	.00020	.07	.00335	.11676	1.1167
%RSD	.09749	.3138	.98243	2.0451	1.7690
#1	.20831	21.27	-.33911	-5.7916	-63.915
#2	.20802	21.18	-.34386	-5.6265	-62.336
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5486.8	71088.	6150.8	54.420	3435.7
Stddev	13.5	130.	13.1	.253	13.8
%RSD	.24527	.18222	.21358	.46533	.40067
#1	5477.3	70996.	6160.1	54.599	3426.0
#2	5496.3	71179.	6141.5	54.241	3445.4

Sample Name: J6079-04 Acquired: 11/29/2018 15:30:29 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: J-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40543	.01034	1.8480	.02675	.01268	269.24	1.1429
Stddev	.00448	.00131	.0067	.00326	.00130	1.77	.0008
%RSD	1.1051	12.664	.36042	12.199	10.271	.65633	.07302

#1	.40860	.00941	1.8527	.02906	.01176	268.00	1.1435
#2	.40226	.01126	1.8433	.02444	.01361	270.49	1.1423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01380	-.00367	85.059	.27920	.18160	.33090	480.44
Stddev	.00007	.00073	.214	.00277	.00112	.00019	7.37
%RSD	.53167	19.800	.25117	.99207	.61735	.05822	1.5332

#1	.01385	-.00418	84.908	.27724	.18239	.33104	485.65
#2	.01375	-.00315	85.210	.28115	.18080	.33076	475.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.523	47.369	.28657	.00353	.84223	.50498	2.0375
Stddev	.009	.333	.00090	.00141	.00129	.00017	.0297
%RSD	.08926	.70321	.31388	39.830	.15296	.03328	1.4571

#1	10.516	47.605	.28721	.00453	.84132	.50510	2.0585
#2	10.529	47.133	.28594	.00254	.84314	.50486	2.0165

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2529	.00699	.18139	4.5064	2.4540	.03918	2.4327
Stddev	.0378	.00018	.00014	.0288	.0155	.00052	.0027
%RSD	.52096	2.6473	.07558	.63911	.63297	1.3216	.10936

#1	7.2262	.00685	.18148	4.5268	2.4431	.03881	2.4346
#2	7.2796	.00712	.18129	4.4860	2.4650	.03954	2.4308

Sample Name: J6079-04 Acquired: 11/29/2018 15:30:29 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: J-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20541	F 23.90	.08950	<.00000	F<.00000
Stddev	.00078	.09	.01010	.20117	2.2573
%RSD	.37992	.3928	11.282	4.2760	4.0024

#1	.20486	23.97	.08236	-4.8469	-54.804
#2	.20596	23.84	.09664	-4.5624	-57.996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5407.9	69575.	6024.8	55.590	3467.9
Stddev	10.7	300.	11.9	.808	13.2
%RSD	.19757	.43075	.19811	1.4540	.38005

#1	5400.3	69786.	6016.4	55.018	3458.6
#2	5415.4	69363.	6033.3	56.161	3477.3

Sample Name: J6080-01 Acquired: 11/29/2018 15:34:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RCA-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04878	.00867	1.6886	-.01106	.00786	166.53	1.5161
Stddev	.00059	.00023	.0067	.00610	.00026	.25	.0043
%RSD	1.2127	2.6985	.39788	55.134	3.2914	.14834	.28011

#1	.04837	.00884	1.6839	-.00675	.00804	166.35	1.5191
#2	.04920	.00851	1.6934	-.01537	.00767	166.70	1.5131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	-.00157	318.48	.38490	.16373	.42402	347.67
Stddev	.00015	.00086	.32	.00155	.00001	.00220	3.47
%RSD	1.7106	54.797	.10086	.40300	.00916	.51794	.99800

#1	.00843	-.00218	318.71	.38380	.16374	.42557	350.13
#2	.00863	-.00096	318.25	.38599	.16372	.42247	345.22

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.9182	87.554	.38681	-.00829	3.4012	.44644	1.3226
Stddev	.0095	.027	.00097	.00067	.0090	.00444	.0080
%RSD	.12047	.03076	.24969	8.0566	.26557	.99407	.60420

#1	7.9249	87.573	.38613	-.00782	3.4076	.44330	1.3283
#2	7.9114	87.535	.38749	-.00877	3.3948	.44958	1.3170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.539	.00634	.08171	9.7235	4.7841	.03325	7.5729
Stddev	.167	.00000	.01502	.0097	.0055	.00139	.0786
%RSD	.41092	.06457	18.385	.09950	.11572	4.1906	1.0385

#1	40.657	.00635	.09234	9.7167	4.7880	.03226	7.6285
#2	40.422	.00634	.07109	9.7304	4.7802	.03423	7.5173

Sample Name: J6080-01 Acquired: 11/29/2018 15:34:32 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RCA-04 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23924	9.731	.66019	1.1967	F<.00000
Stddev	.00162	.009	.00170	.0843	.44439
%RSD	.67665	.0879	.25694	7.0398	1.8315

#1	.23810	9.725	.65899	1.2563	-23.950
#2	.24038	9.737	.66139	1.1371	-24.579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4132.8	53996.	4711.8	55.430	3391.9
Stddev	12.1	71.	13.6	.436	7.7
%RSD	.29176	.13214	.28839	.78686	.22753

#1	4124.3	53945.	4702.2	55.122	3397.3
#2	4141.3	54046.	4721.4	55.739	3386.4

Sample Name: J6080-02 Acquired: 11/29/2018 15:38:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RCA-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05268	.00751	2.5719	-.01020	.01090	172.68	1.6532
Stddev	.00057	.00195	.0079	.00294	.00014	1.09	.0232
%RSD	1.0901	25.952	.30643	28.865	1.2549	.63315	1.4004

#1	.05227	.00613	2.5775	-.01228	.01099	171.91	1.6369
#2	.05309	.00889	2.5664	-.00812	.01080	173.46	1.6696

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00895	.00021	398.70	.41116	.16421	.80963	364.57
Stddev	.00019	.00072	5.53	.00033	.00047	.00782	6.94
%RSD	2.0896	337.78	1.3866	.07995	.28559	.96575	1.9035

#1	.00882	.00072	394.79	.41092	.16454	.81515	359.66
#2	.00908	-.00029	402.60	.41139	.16387	.80410	369.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0701	84.751	.35288	-.00827	4.3467	.52865	1.7572
Stddev	.0382	1.027	.00010	.00152	.0537	.00016	.0189
%RSD	.54079	1.2114	.02743	18.423	1.2350	.02950	1.0742

#1	7.0430	84.025	.35281	-.00935	4.3088	.52854	1.7439
#2	7.0971	85.477	.35295	-.00719	4.3847	.52876	1.7706

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.838	.00935	.10798	F 14.398	2.7330	.05451	7.7984
Stddev	.531	.00038	.00418	.010	.0141	.00037	.1024
%RSD	1.4028	4.0963	3.8757	.06718	.51673	.68304	1.3132

#1	37.463	.00962	.10502	14.391	2.7230	.05477	7.7260
#2	38.213	.00908	.11094	14.405	2.7430	.05425	7.8708

Sample Name: J6080-02 Acquired: 11/29/2018 15:38:36 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RCA-05 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24911	F 10.63	1.1407	.70737	F<.00000
Stddev	.00185	.07	.0167	.03332	.38939
%RSD	.74164	.6655	1.4673	4.7099	1.3244

#1	.24780	10.58	1.1288	.73092	-29.677
#2	.25042	10.68	1.1525	.68381	-29.127

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4169.0	54592.	4837.4	54.905	3343.5
Stddev	6.4	1.	36.2	.656	18.4
%RSD	.15305	.00104	.74832	1.1948	.55098

#1	4164.5	54592.	4863.0	55.369	3356.6
#2	4173.5	54593.	4811.8	54.441	3330.5

Sample Name: J6080-03 Acquired: 11/29/2018 15:42:39 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RCA-06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03827	.00845	1.1020	-.01176	.00540	181.84	1.5978
Stddev	.00053	.00028	.0057	.00009	.00085	.20	.0145
%RSD	1.3739	3.3125	.52199	.80296	15.784	.10899	.90597

#1	.03864	.00865	1.1061	-.01169	.00480	181.70	1.6081
#2	.03790	.00825	1.0980	-.01183	.00600	181.98	1.5876

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00846	-.00413	405.95	.39412	.17687	.88712	329.30
Stddev	.00005	.00107	4.10	.00099	.00073	.00004	9.53
%RSD	.59135	25.796	1.0099	.25236	.41042	.00470	2.8931

#1	.00842	-.00489	408.85	.39342	.17636	.88715	336.04
#2	.00849	-.00338	403.05	.39483	.17738	.88709	322.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6362	92.001	.37791	-.00620	4.5130	.44124	1.3424
Stddev	.0086	.460	.00190	.00090	.0329	.00067	.0458
%RSD	.15218	.49949	.50303	14.449	.72924	.15130	3.4149

#1	5.6423	92.326	.37926	-.00557	4.5363	.44076	1.3748
#2	5.6301	91.677	.37657	-.00684	4.4898	.44171	1.3100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.909	.00616	.11165	F 11.782	2.3246	.04032	8.5966
Stddev	.266	.00013	.00309	.015	.0099	.00006	.0414
%RSD	.54345	2.1443	2.7635	.13115	.42766	.15396	.48136

#1	49.097	.00607	.11383	11.793	2.3317	.04036	8.6259
#2	48.721	.00625	.10947	11.771	2.3176	.04027	8.5673

Sample Name: J6080-03 Acquired: 11/29/2018 15:42:39 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RCA-06 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29810	F 10.56	1.3294	1.5888	F<.00000
Stddev	.00133	.06	.0084	.0388	.32794
%RSD	.44699	.5784	.62884	2.4420	1.5117

#1	.29716	10.60	1.3353	1.5614	-21.926
#2	.29904	10.51	1.3235	1.6163	-21.462

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4094.9	53526.	4723.3	52.530	3319.1
Stddev	10.3	15.	38.9	1.738	15.2
%RSD	.25246	.02816	.82287	3.3082	.45938

#1	4087.6	53537.	4695.8	51.301	3308.4
#2	4102.2	53515.	4750.8	53.758	3329.9

Sample Name: J6080-04 Acquired: 11/29/2018 15:46:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RCA-07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04591	.00923	1.3237	-.00983	.00803	177.54	1.7232
Stddev	.00084	.00260	.0133	.00135	.00331	.40	.0031
%RSD	1.8299	28.166	1.0018	13.693	41.250	.22321	.17836

#1	.04650	.01107	1.3144	-.00888	.01038	177.26	1.7254
#2	.04532	.00739	1.3331	-.01079	.00569	177.82	1.7210

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00819	-.00191	337.02	.40378	.15990	.50958	342.97
Stddev	.00006	.00154	1.21	.00077	.00211	.00599	9.24
%RSD	.69577	80.472	.35938	.19006	1.3177	1.1753	2.6933

#1	.00823	-.00300	336.17	.40433	.15841	.50534	349.50
#2	.00815	-.00082	337.88	.40324	.16139	.51381	336.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8091	89.450	.36608	-.00844	4.9372	.51391	1.8226
Stddev	.0382	.088	.00317	.00030	.0160	.00161	.0538
%RSD	.65767	.09883	.86526	3.6097	.32436	.31415	2.9495

#1	5.7821	89.387	.36384	-.00823	4.9485	.51506	1.8606
#2	5.8362	89.512	.36832	-.00866	4.9258	.51277	1.7846

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.841	.00604	.11015	F 10.543	2.8324	.04185	8.6589
Stddev	.020	.00015	.02623	.081	.0264	.00046	.0301
%RSD	.04179	2.5508	23.812	.77140	.93161	1.0977	.34755

#1	46.854	.00615	.12870	10.485	2.8511	.04152	8.6802
#2	46.827	.00593	.09160	10.600	2.8138	.04217	8.6376

Sample Name: J6080-04 Acquired: 11/29/2018 15:46:41 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RCA-07 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25901	9.589	.98074	1.1783	F<.00000
Stddev	.00012	.075	.01123	.1136	.36132
%RSD	.04662	.7846	1.1454	9.6437	1.4962

#1	.25909	9.536	.97279	1.0979	-24.405
#2	.25892	9.642	.98868	1.2586	-23.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4131.2	53709.	4692.8	53.811	3367.8
Stddev	34.2	106.	.0	1.648	24.7
%RSD	.82713	.19761	.00003	3.0636	.73258

#1	4155.4	53784.	4692.8	52.645	3385.2
#2	4107.1	53634.	4692.8	54.977	3350.3

Sample Name: J6083-01 Acquired: 11/29/2018 15:50:42 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09380	.01807	.14239	-.00815	.01638	196.55	1.1181
Stddev	.00509	.00190	.00103	.00330	.00094	.71	.0059
%RSD	5.4305	10.515	.72049	40.547	5.7410	.36177	.52872

#1	.09741	.01942	.14166	-.00581	.01571	196.05	1.1139
#2	.09020	.01673	.14311	-.01048	.01704	197.06	1.1222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02487	-.01112	22.430	.29395	.25468	.33112	575.99
Stddev	.00030	.00009	.002	.00136	.00109	.00142	.56
%RSD	1.2124	.80086	.00802	.46412	.42926	.43001	.09747

#1	.02508	-.01118	22.429	.29299	.25391	.33011	575.59
#2	.02466	-.01105	22.431	.29492	.25545	.33213	576.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5072	17.769	.35409	-.00686	1.5131	.53584	.69426
Stddev	.0014	.090	.00076	.00011	.0065	.00204	.00238
%RSD	.04112	.50457	.21436	1.6377	.42811	.38054	.34232

#1	3.5062	17.706	.35355	-.00678	1.5176	.53728	.69594
#2	3.5083	17.833	.35462	-.00694	1.5085	.53440	.69258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.595	.05947	.09426	1.1478	2.4054	.01463	3.0914
Stddev	.033	.00033	.00566	.0101	.0027	.00036	.0043
%RSD	.30807	.55766	6.0039	.87524	.11199	2.4505	.13818

#1	10.572	.05924	.09026	1.1407	2.4073	.01488	3.0944
#2	10.618	.05971	.09826	1.1549	2.4035	.01437	3.0883

Sample Name: J6083-01 Acquired: 11/29/2018 15:50:42 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07953	9.081	-.43273	<.00000	F<.00000
Stddev	.00095	.026	.00042	.01231	1.6667
%RSD	1.1930	.2887	.09800	.46099	1.8586

#1	.08021	9.099	-.43243	-2.6609	-90.856
#2	.07886	9.062	-.43303	-2.6783	-88.499

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4737.8	61535.	5196.9	55.683	3568.0
Stddev	1.5	74.	8.5	.156	4.9
%RSD	.03232	.12060	.16433	.27935	.13628

#1	4738.9	61587.	5203.0	55.573	3571.5
#2	4736.7	61482.	5190.9	55.793	3564.6

Sample Name: CCV05 Acquired: 11/29/2018 15:54:38 Type: Unk
Method: P4-ICP2(v2617) 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	4.6983	4.8587	4.8575	4.9906	5.2157	10.188	10.180	.25222
Stddev	.0452	.0006	.0100	.0228	.0191	.016	.010	.00084
%RSD	.96297	.01126	.20627	.45777	.36615	.15859	.10147	.33386
#1	4.7303	4.8590	4.8646	5.0068	5.2292	10.177	10.173	.25282
#2	4.6663	4.8583	4.8504	4.9745	5.2022	10.200	10.188	.25163
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4374	25.474	1.0160	2.4919	1.2504	4.8457	2.5388	23.286
Stddev	.0091	.350	.0039	.0088	.0085	.1014	.0036	.260
%RSD	.37139	1.3726	.38364	.35182	.68177	2.0933	.14337	1.1172
#1	2.4438	25.227	1.0132	2.4981	1.2564	4.9175	2.5362	23.102
#2	2.4310	25.721	1.0187	2.4857	1.2444	4.7740	2.5414	23.470
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3927	1.1959	24.690	2.3579	2.7041	23.693	4.8225	4.6411
Stddev	.0086	.0004	.030	.0019	.0559	.141	.0238	.0200
%RSD	.35795	.03648	.12211	.07837	2.0666	.59625	.49246	.43143
#1	2.3988	1.1956	24.669	2.3566	2.7436	23.593	4.8393	4.6269
#2	2.3866	1.1962	24.711	2.3592	2.6646	23.793	4.8057	4.6552
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8635	4.6780	4.6241	4.8995	4.9843	4.829	5.2612	4.9050
Stddev	.0013	.0285	.0253	.0037	.0113	.011	.0309	.0388
%RSD	.02642	.60886	.54790	.07631	.22703	.2290	.58655	.79144
#1	4.8626	4.6579	4.6420	4.9021	4.9763	4.837	5.2394	4.8776
#2	4.8644	4.6981	4.6062	4.8969	4.9923	4.821	5.2830	4.9325

Sample Name: CCV05 Acquired: 11/29/2018 15:54:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8827
Stddev	.6396
%RSD	22.189

#1	3.3350
#2	2.4304

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.1	49219.	4039.7	55.360	3764.0
Stddev	22.5	48.	14.9	1.198	15.7
%RSD	.59557	.09773	.36764	2.1645	.41761

#1	3754.2	49253.	4050.2	54.512	3752.9
#2	3786.0	49185.	4029.2	56.207	3775.1

Sample Name: CCB05 Acquired: 11/29/2018 15:58:23 Type: Unk
Method: P4-ICP2(v2617) 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	.00111	.00113	.00098	.00209	-.00022	.00056	-.00014	-.00002
Stddev	.00292	.00077	.00106	.00213	.00155	.01810	.00025	.00008
%RSD	264.04	68.503	108.15	101.97	718.54	3219.2	179.67	407.74
#1	-.00096	.00168	.00023	.00058	-.00132	-.01224	.00004	-.00008
#2	.00317	.00058	.00173	.00359	.00088	.01336	-.00032	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00613	-.00027	-.00015	-.00011	-.01770	-.00023	-.01459
Stddev	.00010	.01837	.00015	.00011	.00015	.00428	.00010	.04261
%RSD	198.53	299.44	56.544	70.555	131.18	24.201	42.876	291.93
#1	.00013	-.00685	-.00038	-.00007	-.00022	-.02073	-.00029	-.04472
#2	-.00002	.01912	-.00016	-.00022	-.00001	-.01467	-.00016	.01553
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00006	-.01470	-.00025	-.00075	.09642	.00017	.00638
Stddev	.00035	.00002	.00952	.00017	.00006	.00613	.00005	.01827
%RSD	121.36	33.704	64.787	67.579	7.8339	6.3525	29.685	286.37
#1	-.00004	.00005	-.02143	-.00013	-.00071	.10075	.00021	.01930
#2	-.00053	.00008	-.00797	-.00036	-.00080	.09209	.00014	-.00654
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00439	-.00015	.00182	.00165	.0004	.00006	F 3.2748
Stddev	.00074	.00148	.00054	.00046	.00182	.0011	.00016	.1843
%RSD	141.74	33.610	368.48	25.123	110.44	296.8	289.13	5.6291
#1	-.00105	.00335	.00023	.00150	.00294	.0012	.00017	3.4052
#2	.00000	.00544	-.00053	.00214	.00036	-.0004	-.00006	3.1445

Sample Name: CCB05 Acquired: 11/29/2018 15:58:23 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .50486
Stddev	.25584
%RSD	50.676

#1	.32395
#2	.68576

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.4	52195.	4113.0	58.365	4397.4
Stddev	1.1	59.	53.7	.718	13.7
%RSD	.02739	.11336	1.3063	1.2308	.31193

#1	3942.6	52153.	4075.0	57.857	4407.1
#2	3944.1	52237.	4151.0	58.873	4387.7

Sample Name: J6083-03 Acquired: 11/29/2018 16:02:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06724	.01311	.13134	.00044	.00824	118.76	.98648
Stddev	.00011	.00040	.00428	.00027	.00150	.51	.00094
%RSD	.16014	3.0669	3.2578	59.614	18.171	.43137	.09519

#1	.06716	.01283	.13436	.00026	.00929	119.13	.98581
#2	.06731	.01340	.12831	.00063	.00718	118.40	.98714

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02208	-.00862	85.452	.13228	.26583	.16017	443.98
Stddev	.00009	.00041	.017	.00036	.00189	.00137	1.36
%RSD	.41904	4.7933	.02004	.27156	.71186	.85443	.30690

#1	.02214	-.00833	85.440	.13203	.26717	.16114	443.01
#2	.02201	-.00891	85.464	.13253	.26450	.15921	444.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9651	10.520	.22504	-.00165	.80390	.30911	.80354
Stddev	.0241	.070	.00159	.00019	.00805	.00041	.00323
%RSD	.48467	.66809	.70711	11.505	1.0011	.13191	.40179

#1	4.9821	10.470	.22616	-.00179	.80959	.30882	.80126
#2	4.9481	10.569	.22391	-.00152	.79821	.30940	.80582

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8890	.04502	.10836	4.3621	4.2629	.00570	.51452
Stddev	.0103	.00045	.01405	.0236	.0234	.00088	.00287
%RSD	.26520	1.0090	12.965	.54020	.54879	15.410	.55820

#1	3.8817	.04470	.09842	4.3788	4.2464	.00508	.51249
#2	3.8963	.04534	.11829	4.3455	4.2794	.00632	.51655

Sample Name: J6083-03 Acquired: 11/29/2018 16:02:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04817	8.389	-.02388	<.00000	F<.00000
Stddev	.00121	.019	.00215	.08807	.10016
%RSD	2.5186	.2306	9.0182	2.5752	.15294

#1	.04903	8.403	-.02236	-3.4822	-65.561
#2	.04731	8.375	-.02540	-3.3577	-65.420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4947.9	65412.	5496.4	55.615	3610.7
Stddev	13.5	170.	15.4	.252	22.8
%RSD	.27335	.25941	.28106	.45364	.63109

#1	4938.4	65292.	5507.3	55.793	3594.6
#2	4957.5	65532.	5485.5	55.437	3626.8

Sample Name: J6083-05 Acquired: 11/29/2018 16:06:29 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08378	.00802	.48990	-.00646	.00904	128.98	1.0060
Stddev	.00175	.00063	.00493	.00029	.00051	.10	.0037
%RSD	2.0839	7.8049	1.0055	4.5057	5.6095	.07724	.36768

#1	.08254	.00758	.48642	-.00666	.00940	128.91	1.0086
#2	.08501	.00846	.49338	-.00625	.00868	129.05	1.0034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01072	-.00444	54.643	.20663	.16926	.23375	280.00
Stddev	.00012	.00046	.102	.00041	.00004	.00158	4.86
%RSD	1.0830	10.434	.18647	.19665	.02537	.67741	1.7344

#1	.01064	-.00477	54.715	.20691	.16923	.23263	283.43
#2	.01080	-.00411	54.571	.20634	.16929	.23487	276.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4237	20.398	.15799	-.00503	1.8149	.31672	.69304
Stddev	.0045	.110	.00080	.00081	.0119	.00034	.01267
%RSD	.08333	.54019	.50686	16.138	.65504	.10711	1.8275

#1	5.4205	20.320	.15742	-.00446	1.8233	.31648	.70199
#2	5.4269	20.476	.15856	-.00561	1.8065	.31696	.68408

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8903	.00873	.06887	1.7758	3.7605	.02644	1.7212
Stddev	.0080	.00033	.00173	.0119	.0080	.00147	.0019
%RSD	.11681	3.8091	2.5187	.67206	.21399	5.5589	.10919

#1	6.8846	.00897	.07010	1.7673	3.7548	.02748	1.7225
#2	6.8960	.00850	.06764	1.7842	3.7662	.02540	1.7199

Sample Name: J6083-05 Acquired: 11/29/2018 16:06:29 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10028	4.922	.03154	<.00000	F<.00000
Stddev	.00276	.034	.00431	.00991	.28061
%RSD	2.7533	.6919	13.679	1.7023	1.3491

#1	.10223	4.898	.02849	-.58910	-20.999
#2	.09833	4.946	.03460	-.57508	-20.602

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4513.0	59178.	4957.9	57.643	3747.4
Stddev	.5	32.	16.1	1.081	.4
%RSD	.01134	.05416	.32495	1.8747	.01124

#1	4512.6	59155.	4946.5	56.879	3747.6
#2	4513.4	59201.	4969.3	58.408	3747.1

Sample Name: J6085-02 Acquired: 11/29/2018 16:10:33 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS-OILY-STON Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05530	-.00480	.20532	-.00333	-.00061	38.958	.25098
Stddev	.00042	.00022	.00035	.00013	.00076	.089	.00110
%RSD	.76242	4.4772	.16901	4.0469	124.44	.22857	.43735

#1	.05560	-.00496	.20507	-.00342	-.00007	38.895	.25020
#2	.05501	-.00465	.20556	-.00323	-.00114	39.021	.25175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	.00169	67.426	.11254	.09753	1.0321	156.97
Stddev	.00009	.00040	.143	.00140	.00014	.0036	2.61
%RSD	2.9179	23.824	.21139	1.2460	.13896	.35003	1.6648

#1	.00297	.00140	67.325	.11155	.09763	1.0346	158.81
#2	.00310	.00197	67.527	.11353	.09744	1.0295	155.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78650	21.496	.23678	-.01073	.56300	.13093	.76648
Stddev	.00268	.081	.00059	.00034	.00314	.00084	.01420
%RSD	.34054	.37835	.24989	3.1753	.55828	.63977	1.8521

#1	.78461	21.438	.23636	-.01049	.56078	.13033	.77652
#2	.78840	21.553	.23720	-.01097	.56523	.13152	.75644

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.129	.03599	.01585	F 19.911	1.0450	.06033	3.6131
Stddev	.020	.00032	.00702	.008	.0071	.00006	.0069
%RSD	.19699	.88356	44.273	.04080	.68369	.10556	.19221

#1	10.115	.03577	.01089	19.917	1.0399	.06029	3.6082
#2	10.143	.03622	.02081	19.906	1.0501	.06038	3.6180

Sample Name: J6085-02 Acquired: 11/29/2018 16:10:33 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05090	3.983	-.11577	.19163	F<.00000
Stddev	.00036	.002	.00264	.01582	.33791
%RSD	.71204	.0595	2.2826	8.2555	8.7911

#1	.05064	3.982	-.11764	.18044	-3.6049
#2	.05116	3.985	-.11390	.20281	-4.0827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4526.9	60069.	4956.2	57.685	3879.3
Stddev	5.9	234.	17.1	1.002	2.6
%RSD	.13139	.38949	.34515	1.7361	.06733

#1	4531.1	60234.	4968.2	56.977	3881.2
#2	4522.7	59903.	4944.1	58.393	3877.5

Sample Name: J6087-01 Acquired: 11/29/2018 16:14:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11021	-.00115	.18779	-.02415	.01363	220.34	.86476	.01159
Stddev	.00245	.00015	.00223	.00130	.00103	.83	.00381	.00009
%RSD	2.2232	12.795	1.1876	5.3791	7.5445	.37661	.44063	.77132
#1	.10848	-.00126	.18621	-.02507	.01290	220.92	.86745	.01165
#2	.11194	-.00105	.18937	-.02324	.01436	219.75	.86206	.01153
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	F 1955.0	.42744	.10051	1.0083	142.35	5.0633	92.302
Stddev	.00023	5.4	.00333	.00174	.0210	1.21	.0081	.479
%RSD	14.534	.27808	.77811	1.7351	2.0776	.84809	.16069	.51842
#1	.00144	1951.2	.42979	.09928	.99352	143.20	5.0690	92.640
#2	.00177	1958.8	.42509	.10174	1.0231	141.49	5.0575	91.963
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18425	-.00402	9.7619	.30466	2.6561	12.849	.09225	.22106
Stddev	.00419	.00036	.0936	.00468	.0215	.048	.00191	.01284
%RSD	2.2715	8.8670	.95897	1.5353	.80932	.37370	2.0720	5.8072
#1	.18129	-.00377	9.8281	.30796	2.6713	12.883	.09089	.21198
#2	.18721	-.00428	9.6957	.30135	2.6409	12.815	.09360	.23014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.314	2.5679	.06890	6.7915	.16451	5.957	1.8398	5.3269
Stddev	.426	.0471	.00169	.0101	.00150	.086	.0095	.1294
%RSD	.94010	1.8341	2.4592	.14820	.91282	1.448	.51693	2.4290
#1	45.013	2.6012	.06770	6.7986	.16557	5.896	1.8465	5.2354
#2	45.616	2.5345	.07010	6.7844	.16345	6.018	1.8331	5.4184

Sample Name: J6087-01 Acquired: 11/29/2018 16:14:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CS-CONCRETE Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.4190
Stddev	.7459
%RSD	13.765

#1	5.9464
#2	4.8915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.8	45635.	4302.8	51.880	2910.8
Stddev	47.6	160.	26.8	.455	36.6
%RSD	1.3682	.35009	.62255	.87647	1.2589

#1	3512.5	45522.	4283.8	51.559	2936.7
#2	3445.2	45748.	4321.7	52.202	2884.8

Sample Name: J6050-01 Acquired: 11/29/2018 16:18:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-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	.00460	-.00278	.07030	-.00167	-.00200	2.5282	.68590	.00006
Stddev	.00197	.00035	.00149	.00071	.00182	.0143	.00285	.00010
%RSD	42.827	12.466	2.1178	42.450	90.711	.56600	.41556	161.12

#1	.00321	-.00254	.07135	-.00217	-.00072	2.5383	.68791	-.00001
#2	.00600	-.00303	.06925	-.00117	-.00329	2.5181	.68388	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	297.67	.00476	.00313	.05246	30.827	1.6087	40.648
Stddev	.00007	1.29	.00005	.00008	.00017	.443	.0047	.365
%RSD	11.737	.43352	1.1442	2.5866	.32094	1.4366	.29482	.89713

#1	-.00056	296.76	.00472	.00307	.05234	30.514	1.6121	40.390
#2	-.00066	298.58	.00480	.00319	.05257	31.140	1.6054	40.906

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00110	255.80	.00983	.08789	43.222	.00199	.54593
Stddev	.00001	.00125	.44	.00074	.00176	.070	.00005	.00466
%RSD	5.4250	113.77	.17130	7.5060	2.0006	.16202	2.5408	.85302

#1	-.00020	-.00021	256.11	.00931	.08664	43.272	.00195	.54264
#2	-.00021	-.00198	255.49	.01035	.08913	43.173	.00202	.54922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5344	F 31.127	.00214	.18323	.04301	.9715	2.2518	5.6731
Stddev	.0696	.128	.00006	.00062	.00185	.0050	.0002	.0789
%RSD	.72943	.41193	2.5929	.33918	4.2934	.5187	.00709	1.3903

#1	9.5836	31.037	.00210	.18279	.04170	.9751	2.2516	5.7288
#2	9.4852	31.218	.00218	.18367	.04431	.9679	2.2519	5.6173

Sample Name: J6050-01 Acquired: 11/29/2018 16:18:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5080
Stddev	.9869
%RSD	39.349

#1	1.8102
#2	3.2059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.4	46194.	3971.8	54.339	3467.7
Stddev	13.0	299.	12.7	1.114	27.3
%RSD	.37384	.64658	.32087	2.0509	.78749

#1	3470.2	45982.	3962.8	55.127	3448.4
#2	3488.6	46405.	3980.8	53.551	3487.0

Sample Name: J6050-01DUP Acquired: 11/29/2018 16:22:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02DUP 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	-.00187	.06900	-.00188	-.00042	2.5408	.68804	-.00005
Stddev	.00012	.00137	.00067	.00059	.00283	.0192	.00042	.00000
%RSD	5.5844	73.154	.96949	31.348	681.13	.75407	.06157	8.4737
#1	.00214	-.00090	.06947	-.00146	.00159	2.5273	.68775	-.00006
#2	.00198	-.00284	.06853	-.00230	-.00242	2.5543	.68834	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00073	297.72	.00429	.00303	.06311	31.362	1.6116	40.853
Stddev	.00008	.58	.00033	.00008	.00144	.069	.0190	.074
%RSD	11.439	.19627	7.6403	2.5867	2.2750	.22068	1.1771	.18227
#1	-.00079	297.31	.00406	.00298	.06413	31.411	1.5982	40.801
#2	-.00067	298.14	.00452	.00309	.06209	31.313	1.6250	40.906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00066	-.00114	254.95	.00997	.08885	43.339	.00168	.54085
Stddev	.00030	.00007	3.45	.00025	.00016	.073	.00072	.00653
%RSD	45.829	5.7897	1.3546	2.4981	.17553	.16947	42.779	1.2065
#1	-.00044	-.00119	257.40	.00979	.08896	43.287	.00219	.53624
#2	-.00087	-.00109	252.51	.01014	.08874	43.391	.00117	.54547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5088	F 31.064	.00268	.18323	.04624	.9648	2.2563	5.6925
Stddev	.0038	.177	.00020	.00075	.00002	.0056	.0010	.0624
%RSD	.03984	.56951	7.3803	.41140	.03376	.5756	.04400	1.0965
#1	9.5062	30.939	.00254	.18376	.04623	.9609	2.2556	5.6484
#2	9.5115	31.189	.00282	.18269	.04626	.9687	2.2570	5.7367

Sample Name: J6050-01DUP Acquired: 11/29/2018 16:22:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.9959
Stddev	.8149
%RSD	27.200

#1	3.5721
#2	2.4196

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.6	46259.	4002.7	53.804	3488.0
Stddev	9.2	236.	7.1	.151	7.2
%RSD	.26307	.51000	.17790	.28120	.20767

#1	3486.1	46426.	3997.7	53.697	3482.9
#2	3499.1	46092.	4007.8	53.911	3493.1

Sample Name: J6050-01LX5 Acquired: 11/29/2018 16:26:38 Type: Unk
Method: P4-ICP2(v2617) 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	-.00159	.00052	.01368	-.00038	-.00086	.51153	.14028	-.00001
Stddev	.00110	.00101	.00077	.00207	.00103	.01607	.00269	.00003
%RSD	68.915	195.66	5.6433	542.69	119.65	3.1424	1.9161	227.32

#1	-.00237	-.00020	.01422	.00108	-.00013	.52289	.14218	.00001
#2	-.00082	.00123	.01313	-.00185	-.00159	.50016	.13838	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	60.845	.00039	.00045	.01174	6.1576	.33589	8.3129
Stddev	.00002	.595	.00055	.00033	.00058	.1851	.00001	.0968
%RSD	10.469	.97786	142.84	72.330	4.9503	3.0060	.00411	1.1645

#1	-.00021	61.266	.00078	.00022	.01215	6.2885	.33588	8.3814
#2	-.00024	60.424	-.00000	.00068	.01133	6.0267	.33590	8.2445

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00061	52.490	.00204	.01746	8.8671	.00023	.10338
Stddev	.00024	.00113	.927	.00032	.00065	.0324	.00014	.00605
%RSD	30.186	185.19	1.7651	15.795	3.7395	.36533	62.782	5.8516

#1	-.00096	.00019	53.145	.00181	.01792	8.8900	.00013	.10765
#2	-.00062	-.00141	51.835	.00227	.01699	8.8442	.00033	.09910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0217	6.5846	-.00051	.03503	.01356	.1872	.46002	4.1856
Stddev	.0053	.0826	.00028	.00080	.00039	.0001	.00684	.0630
%RSD	.26247	1.2548	54.557	2.2909	2.8882	.0468	1.4863	1.5053

#1	2.0254	6.6430	-.00071	.03446	.01383	.1871	.46486	4.1411
#2	2.0179	6.5261	-.00031	.03559	.01328	.1873	.45519	4.2302

Sample Name: J6050-01LX5 Acquired: 11/29/2018 16:26:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .78088
Stddev .13986
%RSD 17.910

#1 .87977
#2 .68199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.2	49843.	4112.6	58.268	3915.2
Stddev	.1	49.	52.5	2.024	7.2
%RSD	.00360	.09834	1.2754	3.4739	.18354

#1	3749.1	49878.	4075.6	56.836	3920.3
#2	3749.3	49808.	4149.7	59.699	3910.1

Sample Name: J6050-01MS Acquired: 11/29/2018 16:30:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67821	1.5838	.88857	1.7706	.75599	4.5669	.84202	.18864
Stddev	.00768	.0088	.00351	.0192	.00843	.0312	.00156	.00018
%RSD	1.1321	.55337	.39481	1.0853	1.1152	.68225	.18550	.09417
#1	.68364	1.5900	.89105	1.7842	.76195	4.5889	.84092	.18876
#2	.67278	1.5776	.88609	1.7571	.75003	4.5449	.84313	.18851
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16852	284.95	.36434	.18239	.28813	31.934	1.7111	40.580
Stddev	.00062	2.96	.00037	.00112	.00221	.552	.0003	.069
%RSD	.36714	1.0383	.10203	.61185	.76562	1.7296	.01712	.17105
#1	.16896	282.85	.36460	.18318	.28969	32.325	1.7109	40.531
#2	.16809	287.04	.36408	.18160	.28657	31.544	1.7113	40.629
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41958	.06221	247.07	.26731	.27820	49.527	.36172	.77437
Stddev	.00163	.00009	1.01	.00005	.00448	.305	.00182	.02418
%RSD	.38957	.14032	.40965	.01923	1.6094	.61610	.50448	3.1221
#1	.42074	.06215	247.79	.26735	.28137	49.312	.36301	.75728
#2	.41843	.06227	246.36	.26727	.27504	49.743	.36043	.79147
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0748	F 30.455	.56440	.35296	.23090	6.290	2.3377	5.6476
Stddev	.0292	.192	.00232	.00301	.00062	.026	.0184	.0256
%RSD	.32210	.63101	.41073	.85142	.26764	.4171	.78491	.45323
#1	9.0955	30.319	.56604	.35083	.23047	6.308	2.3247	5.6657
#2	9.0542	30.591	.56276	.35508	.23134	6.271	2.3506	5.6295

Sample Name: J6050-01MS Acquired: 11/29/2018 16:30:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0831
Stddev	.5412
%RSD	49.968

#1	1.4658
#2	.70043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.5	46459.	3981.0	54.721	3479.9
Stddev	16.3	74.	22.3	.875	7.5
%RSD	.46804	.15993	.56129	1.5992	.21563

#1	3480.0	46407.	3996.8	54.103	3474.6
#2	3503.1	46512.	3965.2	55.340	3485.2

Sample Name: J6050-01MSD Acquired: 11/29/2018 16:34:34 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DTW-02MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67571	1.5777	.88242	1.7597	.74641	4.5383	.83755	.18809
Stddev	.00614	.0011	.00153	.0063	.00174	.0214	.00320	.00030
%RSD	.90808	.06759	.17353	.35745	.23366	.47167	.38204	.16182

#1	.67137	1.5784	.88351	1.7642	.74765	4.5534	.83529	.18787
#2	.68005	1.5769	.88134	1.7553	.74518	4.5232	.83982	.18830

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16690	284.32	.36513	.18000	.28583	31.573	1.7089	40.436
Stddev	.00013	1.81	.00317	.00002	.00166	.112	.0001	.026
%RSD	.07602	.63706	.86769	.01059	.57958	.35510	.00802	.06416

#1	.16699	283.04	.36737	.17998	.28466	31.652	1.7088	40.454
#2	.16681	285.60	.36289	.18001	.28700	31.494	1.7090	40.418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41811	.06156	244.75	.26697	.27552	49.468	.36018	.76773
Stddev	.00025	.00008	.84	.00108	.00033	.128	.00092	.00467
%RSD	.05917	.12282	.34445	.40530	.12109	.25802	.25622	.60889

#1	.41793	.06161	245.34	.26773	.27575	49.378	.35953	.77103
#2	.41828	.06151	244.15	.26620	.27528	49.559	.36084	.76442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0197	F 30.394	.55977	.35016	.23030	6.241	2.3348	5.8002
Stddev	.0044	.057	.00113	.00292	.00218	.013	.0113	.1311
%RSD	.04925	.18870	.20192	.83289	.94816	.2028	.48293	2.2607

#1	9.0166	30.435	.55897	.34810	.22876	6.250	2.3269	5.8930
#2	9.0229	30.354	.56057	.35222	.23185	6.232	2.3428	5.7075

Sample Name: J6050-01MSD Acquired: 11/29/2018 16:34:34 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DTW-02MSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.84768
Stddev	.23944
%RSD	28.246

#1	1.0170
#2	.67838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.9	46465.	3982.6	55.164	3512.6
Stddev	4.4	115.	3.9	.241	14.9
%RSD	.12608	.24713	.09787	.43615	.42516

#1	3515.8	46384.	3985.3	54.994	3502.0
#2	3522.0	46546.	3979.8	55.334	3523.1

Sample Name: J6050-01A Acquired: 11/29/2018 16:38:27 Type: Unk
Method: P4-ICP2(v2617) 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	.67451	1.5686	.87814	1.7531	.74453	4.5436	.84225	.18726
Stddev	.01228	.0075	.00665	.0077	.00524	.0046	.00446	.00054
%RSD	1.8200	.48032	.75708	.43864	.70323	.10133	.53006	.28882
#1	.66583	1.5633	.87343	1.7477	.74083	4.5403	.84540	.18764
#2	.68319	1.5740	.88284	1.7586	.74823	4.5468	.83909	.18687
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16675	284.83	.36464	.17991	.28572	32.661	1.7073	40.606
Stddev	.00134	.60	.00050	.00137	.00283	.462	.0007	.131
%RSD	.80536	.21093	.13679	.76225	.98985	1.4156	.04329	.32247
#1	.16580	285.25	.36499	.17894	.28372	32.334	1.7078	40.514
#2	.16770	284.40	.36428	.18088	.28772	32.988	1.7067	40.699
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41735	.06214	246.76	.26515	.28474	49.652	.35838	.77391
Stddev	.00280	.00005	2.69	.00059	.00124	.273	.00328	.00936
%RSD	.67191	.07936	1.0921	.22123	.43666	.54961	.91388	1.2099
#1	.41537	.06217	248.67	.26474	.28386	49.845	.35606	.78053
#2	.41934	.06210	244.85	.26557	.28562	49.459	.36069	.76729
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9589	F 30.467	.55851	.35525	.23234	6.203	2.3359	5.6230
Stddev	.0538	.181	.00466	.00131	.00125	.044	.0104	.1577
%RSD	.60066	.59301	.83357	.36909	.53764	.7075	.44469	2.8037
#1	8.9208	30.595	.55522	.35432	.23146	6.172	2.3433	5.7345
#2	8.9969	30.339	.56181	.35617	.23322	6.234	2.3286	5.5115

Sample Name: J6050-01A Acquired: 11/29/2018 16:38:27 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.57856
Stddev	.30387
%RSD	52.522

#1	.36369
#2	.79343

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.6	46601.	3971.9	53.335	3506.2
Stddev	9.4	258.	36.2	.030	5.6
%RSD	.26851	.55462	.91016	.05604	.15944

#1	3525.3	46418.	3946.3	53.356	3510.1
#2	3511.9	46784.	3997.5	53.313	3502.2

Sample Name: CCV06 Acquired: 11/29/2018 16:42:21 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14251 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6571	4.8428	4.8623	4.9719	5.2507	10.260	10.093	.25224
Stddev	.0078	.0262	.0125	.0075	.0038	.028	.037	.00062
%RSD	.16727	.54073	.25748	.15049	.07311	.27440	.36774	.24608

#1	4.6626	4.8243	4.8535	4.9666	5.2480	10.279	10.119	.25268
#2	4.6516	4.8613	4.8712	4.9772	5.2534	10.240	10.066	.25180

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4401	25.266	1.0123	2.5068	1.2483	4.7293	2.5425	22.969
Stddev	.0092	.095	.0039	.0073	.0006	.0332	.0063	.208
%RSD	.37798	.37765	.38631	.28971	.04762	.70211	.24729	.90729

#1	2.4336	25.334	1.0151	2.5017	1.2479	4.7059	2.5469	23.117
#2	2.4467	25.199	1.0096	2.5119	1.2487	4.7528	2.5380	22.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3816	1.1955	24.382	2.3268	2.6382	23.173	4.7943	4.5988
Stddev	.0040	.0036	.165	.0048	.0005	.078	.0029	.0239
%RSD	.16631	.29719	.67472	.20663	.01809	.33782	.06064	.51921

#1	2.3788	1.1980	24.498	2.3302	2.6379	23.228	4.7964	4.6157
#2	2.3844	1.1929	24.265	2.3234	2.6386	23.117	4.7922	4.5819

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8219	4.6109	4.5928	4.8749	4.9437	4.823	5.2172	4.8774
Stddev	.0183	.0087	.0115	.0135	.0209	.025	.0250	.0692
%RSD	.37920	.18891	.24948	.27731	.42210	.5091	.47920	1.4181

#1	4.8090	4.6170	4.5847	4.8844	4.9585	4.805	5.2348	4.9263
#2	4.8348	4.6047	4.6009	4.8653	4.9289	4.840	5.1995	4.8285

Sample Name: CCV06 Acquired: 11/29/2018 16:42:21 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14251 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3721
Stddev .5044
%RSD 21.263

#1 2.7287
#2 2.0154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3749.1	49379.	4090.8	57.179	3751.9
Stddev	10.4	240.	29.0	.170	2.7
%RSD	.27821	.48565	.70826	.29780	.07087

#1	3741.7	49210.	4070.3	57.059	3753.8
#2	3756.5	49549.	4111.3	57.300	3750.0

Sample Name: CCB06 Acquired: 11/29/2018 16:46:06 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14251 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00138	.00147	-.00046	-.00121	.00039	.00077	.00057	-.00001
Stddev	.00112	.00032	.00033	.00147	.00062	.00400	.00146	.00006
%RSD	80.943	22.042	72.342	120.89	156.92	522.73	254.92	732.40
#1	.00059	.00170	-.00022	-.00018	.00083	-.00206	.00161	-.00005
#2	.00217	.00124	-.00069	-.00225	-.00004	.00359	-.00046	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.02705	.00019	-.00008	-.00010	.00590	-.00005	-.05701
Stddev	.00004	.00054	.00030	.00009	.00056	.01417	.00006	.04465
%RSD	32.942	2.0047	162.68	121.29	533.96	240.38	106.05	78.327
#1	.00014	.02744	-.00003	-.00001	.00029	-.00413	-.00001	-.02543
#2	.00009	.02667	.00040	-.00014	-.00050	.01592	-.00009	-.08858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00038	.04831	-.00062	.00030	.12394	.00020	-.00308
Stddev	.00016	.00095	.00638	.00047	.00002	.01011	.00018	.00898
%RSD	64.643	245.94	13.214	77.086	5.5534	8.1593	87.161	291.61
#1	-.00013	.00028	.04379	-.00028	.00029	.11679	.00008	-.00943
#2	-.00035	-.00105	.05282	-.00095	.00031	.13109	.00033	.00327
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00323	-.00035	.00236	.00271	.0016	.00009	F 3.7277
Stddev	.00078	.00338	.00038	.00256	.00029	.0012	.00005	.1760
%RSD	84.265	104.68	108.43	108.54	10.788	76.88	53.884	4.7224
#1	.00037	.00084	-.00008	.00055	.00250	.0007	.00006	3.8522
#2	.00147	.00562	-.00062	.00416	.00291	.0025	.00013	3.6032

Sample Name: CCB06 Acquired: 11/29/2018 16:46:06 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14251 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .59300
Stddev	.23296
%RSD	39.284

#1	.42828
#2	.75773

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.5	51994.	4085.3	59.269	4394.6
Stddev	17.1	341.	5.8	.734	16.2
%RSD	.43539	.65613	.14161	1.2391	.36966

#1	3905.4	51753.	4081.3	59.789	4383.1
#2	3929.6	52236.	4089.4	58.750	4406.1

Sample Name: PB115171BL Acquired: 11/29/2018 16:50:10 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00095	-.00189	.00056	.00038	.01507	.00002	-.00013
Stddev	.00086	.00076	.00038	.00076	.00118	.00620	.00009	.00003
%RSD	93.773	79.800	20.241	134.84	310.53	41.139	373.31	25.170

#1	.00031	.00148	-.00216	.00003	.00122	.01069	-.00004	-.00015
#2	.00153	.00041	-.00162	.00110	-.00046	.01945	.00009	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00214	-.00051	-.00028	-.00032	-.00788	-.00018	-.06201
Stddev	.00003	.00358	.00007	.00007	.00013	.00990	.00008	.00674
%RSD	40.746	167.53	14.039	23.321	42.290	125.74	41.548	10.867

#1	.00006	.00040	-.00057	-.00032	-.00041	-.00087	-.00023	-.05725
#2	.00010	-.00467	-.00046	-.00023	-.00022	-.01488	-.00013	-.06678

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00023	.02877	-.00045	-.00098	.09716	-.00009	.00299
Stddev	.00019	.00116	.00394	.00009	.00002	.00533	.00007	.00627
%RSD	59.717	496.37	13.685	20.299	2.2206	5.4854	75.562	209.88

#1	-.00046	.00105	.02599	-.00038	-.00099	.10093	-.00004	-.00145
#2	-.00019	-.00059	.03156	-.00051	-.00096	.09339	-.00014	.00742

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00116	-.00058	.00201	.00315	.0016	.00003	F 3.5572
Stddev	.00188	.00166	.00041	.00237	.00320	.0003	.00014	.2215
%RSD	119.75	143.01	71.427	118.31	101.51	15.73	536.44	6.2261

#1	-.00290	.00233	-.00029	.00368	.00542	.0018	.00012	3.7138
#2	-.00024	-.00001	-.00087	.00033	.00089	.0014	-.00007	3.4006

Sample Name: PB115171BL Acquired: 11/29/2018 16:50:10 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .53959
Stddev .31902
%RSD 59.122

#1 .31401
#2 .76517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3843.6	52369.	4139.0	59.885	4312.1
Stddev	16.6	210.	38.1	1.596	11.4
%RSD	.43250	.40056	.92082	2.6648	.26478

#1	3831.9	52221.	4166.0	61.014	4304.0
#2	3855.4	52517.	4112.1	58.757	4320.2

Sample Name: PB115171BS Acquired: 11/29/2018 16:56:27 Type: Unk
Method: P4-ICP2(v2617) 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	.65879	1.7307	.86015	1.7475	.76621	1.8725	.20024
Stddev	.00240	.0008	.00003	.0079	.00130	.0195	.00052
%RSD	.36412	.04852	.00353	.44979	.16937	1.0414	.25732

#1	.65709	1.7301	.86017	1.7419	.76712	1.8587	.19987
#2	.66049	1.7313	.86013	1.7530	.76529	1.8862	.20060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17694	.16853	1.0315	.38620	.18419	.29239	2.7573
Stddev	.00017	.00006	.0118	.00118	.00011	.00009	.0476
%RSD	.09398	.03498	1.1470	.30543	.05897	.02909	1.7274

#1	.17705	.16849	1.0231	.38537	.18411	.29245	2.7237
#2	.17682	.16857	1.0398	.38703	.18426	.29233	2.7910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19857	1.7687	.43458	.06163	2.8221	.26593	.20086
Stddev	.00034	.0575	.00108	.00022	.0034	.00013	.00340
%RSD	.16979	3.2537	.24859	.35474	.12109	.04965	1.6904

#1	.19833	1.7280	.43535	.06178	2.8197	.26583	.19846
#2	.19881	1.8094	.43382	.06147	2.8245	.26602	.20326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1020	.38348	.26872	F -.00179	.84267	.56402	.18739
Stddev	.0077	.00025	.01599	.00124	.00423	.00017	.00007
%RSD	.08426	.06480	5.9497	69.137	.50226	.03098	.03503

#1	9.0966	.38366	.25741	-.00267	.83968	.56390	.18734
#2	9.1074	.38331	.28002	-.00092	.84567	.56415	.18743

Sample Name: PB115171BS Acquired: 11/29/2018 16:56:27 Type: Unk
 Method: P4-ICP2(v2617) 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	F 4.692	.20633	F 3.1703	F<.00000
Stddev	.00223	.025	.00017	.0672	.19289
%RSD	1.1117	.5332	.08409	2.1193	14.982

#1	.20222	4.675	.20620	3.2178	-1.4238
#2	.19907	4.710	.20645	3.1228	-1.1510

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.9	53714.	4168.8	59.532	4374.1
Stddev	8.8	36.	16.9	.823	11.6
%RSD	.22010	.06639	.40423	1.3821	.26570

#1	3970.7	53688.	4156.9	60.114	4365.8
#2	3983.1	53739.	4180.7	58.950	4382.3

Sample Name: PB115171TB Acquired: 11/29/2018 17:00:16 Type: Unk
Method: P4-ICP2(v2617) 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	-.00089	-.00256	-.00160	.00213	-.00048	.00593	-.00155	-.00018
Stddev	.00167	.00000	.00090	.00192	.00001	.00691	.00076	.00010
%RSD	188.35	.08895	56.287	90.064	1.6263	116.57	48.981	56.789
#1	.00030	-.00256	-.00097	.00349	-.00048	.01081	-.00102	-.00011
#2	-.00207	-.00256	-.00224	.00077	-.00049	.00104	-.00209	-.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01505	.00052	-.00038	-.00030	.00661	-.00002	-.07417
Stddev	.00001	.04156	.00034	.00022	.00057	.00654	.00002	.02014
%RSD	96.189	276.12	64.205	58.827	191.58	98.879	96.329	27.158
#1	-.00000	-.01433	.00076	-.00022	.00010	.01123	-.00004	-.08841
#2	-.00001	.04443	.00029	-.00054	-.00070	.00199	-.00001	-.05993
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00202	F 285.96	-.00060	.00076	.20083	-.00006	-.00894
Stddev	.00010	.00018	2.70	.00084	.00005	.01590	.00029	.00519
%RSD	6.5184	8.9939	.94306	140.59	6.2318	7.9167	457.78	58.027
#1	.00149	.00189	284.05	-.00120	.00072	.21207	.00014	-.00527
#2	.00164	.00215	287.86	-.00000	.00079	.18959	-.00026	-.01261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00642	.00534	-.00024	.00327	.00456	.0013	-.00005	F 4.7463
Stddev	.00267	.00128	.00175	.00108	.00177	.0005	.00007	.2451
%RSD	41.513	23.932	727.41	32.975	38.725	42.07	142.23	5.1643
#1	.00454	.00443	-.00148	.00250	.00331	.0017	-.00010	4.5730
#2	.00831	.00624	.00100	.00403	.00581	.0009	.00000	4.9197

Sample Name: PB115171TB Acquired: 11/29/2018 17:00:16 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1543
Stddev .0272
%RSD 2.3550

#1 1.1735
#2 1.1350

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.7	48949.	4180.2	58.595	3884.0
Stddev	8.3	242.	26.5	.341	12.8
%RSD	.22015	.49410	.63480	.58144	.32877

#1	3754.8	48778.	4199.0	58.836	3893.1
#2	3766.5	49120.	4161.5	58.355	3875.0

Sample Name: PB115172BL Acquired: 11/29/2018 17:04:26 Type: Unk
Method: P4-ICP2(v2617) 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	.00031	.00138	-.00100	.00271	.00017	-.00578	-.00053	-.00002
Stddev	.00216	.00035	.00065	.00023	.00077	.00681	.00131	.00004
%RSD	699.27	25.215	64.702	8.4084	445.64	117.75	249.39	162.47
#1	.00184	.00162	-.00146	.00287	.00071	-.01060	.00040	.00000
#2	-.00122	.00113	-.00054	.00255	-.00037	-.00097	-.00145	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00668	.00009	-.00009	.00004	-.01116	-.00018	-.03613
Stddev	.00003	.00198	.00010	.00007	.00010	.00432	.00005	.03901
%RSD	129.63	29.660	104.55	77.220	234.40	38.666	27.102	107.97
#1	.00004	.00528	.00002	-.00013	.00011	-.01421	-.00022	-.00855
#2	.00000	.00808	.00016	-.00004	-.00003	-.00811	-.00015	-.06371
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00028	.07901	-.00028	-.00100	.10429	-.00024	.00753
Stddev	.00063	.00038	.00016	.00007	.00004	.02466	.00024	.00645
%RSD	1588.3	136.53	.20057	26.300	3.6675	23.650	99.618	85.714
#1	-.00041	.00001	.07890	-.00033	-.00097	.08685	-.00007	.01209
#2	.00048	.00055	.07912	-.00022	-.00102	.12173	-.00041	.00297
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00465	-.00048	-.00073	.00284	.00380	.0017	-.00001	F 3.2239
Stddev	.00167	.00042	.00018	.00073	.00026	.0023	.00007	.1806
%RSD	35.844	87.254	24.675	25.852	6.9101	139.8	930.62	5.6025
#1	-.00583	-.00078	-.00060	.00232	.00361	.0000	.00004	3.0962
#2	-.00347	-.00018	-.00085	.00335	.00398	.0033	-.00006	3.3516

Sample Name: PB115172BL Acquired: 11/29/2018 17:04:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .53792
Stddev .01356
%RSD 2.5206

#1 .54751
#2 .52834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3928.2	52669.	4145.5	59.360	4402.3
Stddev	5.8	83.	34.3	.972	4.4
%RSD	.14758	.15834	.82674	1.6379	.10078

#1	3924.1	52728.	4121.2	58.673	4399.2
#2	3932.3	52610.	4169.7	60.048	4405.4

Sample Name: PB115172BS Acquired: 11/29/2018 17:08:31 Type: Unk
Method: P4-ICP2(v2617) 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	.68826	1.8088	.90039	1.8287	.80087	1.9620	.20940
Stddev	.00150	.0058	.00234	.0068	.00169	.0078	.00113
%RSD	.21734	.32062	.25941	.36980	.21117	.39793	.53744

#1	.68931	1.8047	.89874	1.8239	.79968	1.9565	.21020
#2	.68720	1.8129	.90204	1.8335	.80207	1.9676	.20861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18531	.17652	1.0557	.40593	.19233	.30514	2.8895
Stddev	.00030	.00071	.0024	.00071	.00062	.00167	.0496
%RSD	.15936	.40396	.23192	.17448	.32426	.54672	1.7161

#1	.18510	.17601	1.0575	.40543	.19189	.30396	2.8544
#2	.18552	.17702	1.0540	.40643	.19277	.30632	2.9246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20891	1.9081	.45535	.06507	2.9752	.28010	.20894
Stddev	.00026	.0175	.00195	.00104	.0224	.00088	.00219
%RSD	.12585	.91756	.42789	1.5995	.75397	.31291	1.0467

#1	.20872	1.8957	.45397	.06580	2.9911	.27948	.20739
#2	.20909	1.9205	.45673	.06433	2.9593	.28072	.21049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4533	.40309	.26225	F -.00308	.88376	.59148	.19784
Stddev	.0038	.00219	.00549	.00567	.00552	.00257	.00113
%RSD	.04060	.54277	2.0952	183.86	.62459	.43522	.57266

#1	9.4560	.40155	.25836	.00092	.88766	.58966	.19704
#2	9.4506	.40464	.26614	-.00709	.87986	.59330	.19865

Sample Name: PB115172BS Acquired: 11/29/2018 17:08:31 Type: Unk
 Method: P4-ICP2(v2617) 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	.21078	4.884	.21580	F 2.9693	F<.00000
Stddev	.00269	.010	.00003	.1978	.02140
%RSD	1.2756	.2059	.01159	6.6626	1.1669

#1	.21268	4.877	.21582	3.1092	-1.8185
#2	.20887	4.891	.21578	2.8294	-1.8487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3982.5	53664.	4181.3	59.502	4372.2
Stddev	12.0	54.	28.5	.145	10.1
%RSD	.30035	.10095	.68159	.24308	.23095

#1	3974.0	53703.	4161.2	59.605	4365.1
#2	3991.0	53626.	4201.5	59.400	4379.4

Sample Name: PB115172TB Acquired: 11/29/2018 17:12:22 Type: Unk
Method: P4-ICP2(v2617) 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	-.00060	-.00278	-.00064	.00205	.00063	.00215	-.00136	-.00018
Stddev	.00233	.00121	.00067	.00287	.00085	.00547	.00087	.00002
%RSD	389.52	43.352	105.19	140.07	133.43	254.99	63.675	8.5624

#1	.00105	-.00364	-.00111	.00002	.00004	-.00172	-.00075	-.00019
#2	-.00225	-.00193	-.00016	.00408	.00123	.00602	-.00197	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02066	.00054	-.00036	-.00041	.00768	.00055	-.02172
Stddev	.00008	.00475	.00003	.00020	.00046	.00200	.00001	.01481
%RSD	377.51	22.982	5.3885	55.115	111.14	26.087	2.5083	68.155

#1	.00007	.01730	.00052	-.00022	-.00074	.00909	.00054	-.01125
#2	-.00003	.02402	.00056	-.00050	-.00009	.00626	.00056	-.03219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00189	F 333.55	.00022	.00342	.17599	.00009	-.01222
Stddev	.00005	.00030	1.47	.00025	.00013	.03082	.00008	.00784
%RSD	3.0459	15.898	.44142	114.94	3.7476	17.513	86.215	64.143

#1	.00173	.00210	334.59	.00004	.00333	.19779	.00015	-.00668
#2	.00166	.00168	332.51	.00040	.00352	.15420	.00004	-.01776

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01004	.00657	-.00012	.00116	.00661	.0014	-.00005	F 4.2574
Stddev	.00071	.00125	.00073	.00088	.00112	.0008	.00003	.0384
%RSD	7.0347	19.072	600.64	75.493	16.911	57.34	60.897	.90179

#1	.01054	.00746	.00039	.00178	.00582	.0008	-.00003	4.2303
#2	.00954	.00568	-.00064	.00054	.00741	.0019	-.00007	4.2846

Sample Name: PB115172TB Acquired: 11/29/2018 17:12:22 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .90081
Stddev .02687
%RSD 2.9831

#1 .91981
#2 .88181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.7	48987.	4181.3	58.775	3835.8
Stddev	7.8	27.	12.5	.035	31.7
%RSD	.20827	.05590	.29817	.06015	.82741

#1	3727.2	49006.	4172.5	58.750	3813.4
#2	3738.2	48968.	4190.1	58.800	3858.3

Sample Name: PB115177BL Acquired: 11/29/2018 17:16:33 Type: Unk
Method: P4-ICP2(v2617) 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	-.00121	.00057	-.00145	.00105	-.00065	-.00888	-.00073	-.00009
Stddev	.00091	.00050	.00110	.00131	.00061	.00466	.00031	.00006
%RSD	75.763	88.037	75.996	125.05	92.700	52.474	42.313	74.643
#1	-.00056	.00092	-.00067	.00197	-.00108	-.01217	-.00051	-.00013
#2	-.00185	.00021	-.00222	.00012	-.00022	-.00558	-.00094	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00519	-.00012	-.00016	-.00016	-.01193	-.00014	-.05416
Stddev	.00011	.00501	.00008	.00017	.00018	.01174	.00001	.07440
%RSD	2572.2	96.685	69.560	108.83	109.94	98.428	9.9157	137.38
#1	-.00007	.00164	-.00006	-.00028	-.00029	-.00363	-.00015	-.00155
#2	.00008	.00873	-.00017	-.00004	-.00004	-.02023	-.00013	-.10677
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	.00004	.10052	-.00043	-.00092	.10281	-.00039	-.00415
Stddev	.00013	.00017	.01702	.00040	.00016	.03634	.00006	.01237
%RSD	42.851	439.61	16.932	94.259	17.648	35.350	14.958	298.04
#1	-.00038	.00016	.11255	-.00071	-.00080	.07711	-.00044	-.01290
#2	-.00020	-.00008	.08848	-.00014	-.00103	.12851	-.00035	.00460
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00346	-.00046	-.00170	.00277	.0016	.00003	F 2.6381
Stddev	.00129	.00029	.00016	.00261	.00151	.0020	.00009	.0334
%RSD	44.673	8.3710	35.405	153.82	54.685	123.9	280.52	1.2659
#1	-.00197	-.00326	-.00034	-.00355	.00384	.0002	.00009	2.6617
#2	-.00380	-.00366	-.00058	.00015	.00170	.0030	-.00003	2.6145

Sample Name: PB115177BL Acquired: 11/29/2018 17:16:33 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .76992
Stddev	.25267
%RSD	32.817

#1	.59126
#2	.94859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.4	53264.	4154.4	58.822	4418.4
Stddev	8.0	164.	20.9	2.576	16.0
%RSD	.20236	.30806	.50242	4.3795	.36113

#1	3956.0	53148.	4139.6	57.000	4429.7
#2	3944.7	53380.	4169.1	60.643	4407.1

Sample Name: PB115177BS Acquired: 11/29/2018 17:20:38 Type: Unk
Method: P4-ICP2(v2617) 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	.70491	1.8697	.92203	1.9376	.83848	1.9427	.20575
Stddev	.00145	.0065	.00218	.0068	.00227	.0047	.00039
%RSD	.20570	.34892	.23625	.35157	.27114	.23992	.19158

#1	.70593	1.8744	.92357	1.9425	.84009	1.9394	.20602
#2	.70388	1.8651	.92049	1.9328	.83687	1.9460	.20547

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19699	.18065	1.0069	.39562	.19215	.31453	2.8352
Stddev	.00027	.00066	.0097	.00004	.00030	.00081	.0577
%RSD	.13946	.36683	.96762	.01106	.15449	.25608	2.0361

#1	.19679	.18112	.99999	.39565	.19194	.31509	2.7944
#2	.19718	.18019	1.0138	.39559	.19236	.31396	2.8761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20684	1.7974	.45734	.06777	2.9667	.27263	.21453
Stddev	.00017	.0432	.00023	.00077	.0147	.00022	.00505
%RSD	.08388	2.4028	.04994	1.1353	.49702	.08122	2.3542

#1	.20696	1.8279	.45750	.06831	2.9563	.27248	.21096
#2	.20672	1.7669	.45718	.06722	2.9771	.27279	.21810

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3903	.39201	.26715	8.0248	.86645	.61006	.19528
Stddev	.0147	.00144	.00980	.0343	.00161	.00421	.00046
%RSD	.15612	.36689	3.6696	.42679	.18563	.68938	.23687

#1	9.4007	.39302	.26022	8.0490	.86758	.61304	.19560
#2	9.3800	.39099	.27408	8.0006	.86531	.60709	.19495

Sample Name: PB115177BS Acquired: 11/29/2018 17:20:38 Type: Unk
Method: P4-ICP2(v2617) 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	.20663	5.094	.20729	F 3.2145	F<.00000
Stddev	.00019	.019	.00033	.0018	.99348
%RSD	.09332	.3801	.15697	.05708	102.97

#1	.20649	5.107	.20752	3.2132	-.26236
#2	.20677	5.080	.20706	3.2158	-1.6674

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.7	52389.	4152.1	59.144	4285.0
Stddev	11.8	25.	6.3	1.197	16.3
%RSD	.30127	.04765	.15172	2.0243	.38100

#1	3915.4	52407.	4147.6	59.991	4273.4
#2	3932.1	52372.	4156.5	58.298	4296.5

Sample Name: PB115177TB Acquired: 11/29/2018 17:24:28 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00120	-.00091	.00303	-.00013	.01345	.00029	-.00010
Stddev	.00025	.00024	.00031	.00091	.00153	.00967	.00035	.00005
%RSD	16.707	19.722	34.095	30.087	1184.4	71.930	123.70	55.641
#1	.00134	.00104	-.00113	.00367	-.00121	.02029	.00004	-.00006
#2	.00169	.00137	-.00069	.00238	.00096	.00661	.00054	-.00014
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00453	-.00040	-.00020	-.00020	.00503	-.00012	-.04984
Stddev	.00002	.00232	.00040	.00006	.00003	.01620	.00002	.05460
%RSD	100.75	51.152	98.811	27.310	17.532	322.11	15.501	109.55
#1	-.00001	.00616	-.00069	-.00016	-.00022	-.00643	-.00011	-.01123
#2	-.00004	.00289	-.00012	-.00024	-.00017	.01649	-.00014	-.08844
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00010	.02568	-.00029	-.00089	.07381	-.00036	-.00196
Stddev	.00033	.00006	.01042	.00008	.00000	.00100	.00012	.00009
%RSD	237.43	66.750	40.570	26.245	.42649	1.3615	32.487	4.5613
#1	.00010	-.00014	.01831	-.00035	-.00089	.07452	-.00028	-.00190
#2	-.00037	-.00005	.03305	-.00024	-.00089	.07310	-.00045	-.00203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	-.00053	-.00146	.00159	.00281	.0019	.00002	F 2.9433
Stddev	.00197	.00050	.00010	.00158	.00098	.0007	.00002	.0383
%RSD	70.279	94.171	7.0614	99.392	35.073	35.07	137.43	1.3011
#1	-.00420	-.00089	-.00154	.00047	.00211	.0024	.00000	2.9162
#2	-.00141	-.00018	-.00139	.00271	.00350	.0015	.00003	2.9704

Sample Name: PB115177TB Acquired: 11/29/2018 17:24:28 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .48690
Stddev	.10266
%RSD	21.085

#1	.55949
#2	.41431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3940.4	52952.	4111.1	57.215	4407.3
Stddev	4.8	596.	14.6	.095	3.1
%RSD	.12273	1.1250	.35596	.16572	.06931

#1	3937.0	53374.	4121.4	57.148	4409.5
#2	3943.8	52531.	4100.8	57.282	4405.2

Sample Name: J6061-04 Acquired: 11/29/2018 17:28:34 Type: Unk
Method: P4-ICP2(v2617) 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	-.00159	.00264	.00534	-.00311	-.07914	.01992	-.00004
Stddev	.00110	.00001	.00052	.00227	.00043	.02646	.00036	.00009
%RSD	502.10	.33429	19.855	42.575	13.693	33.431	1.8103	225.19
#1	-.00100	-.00159	.00227	.00695	-.00281	-.06043	.02018	.00002
#2	.00056	-.00160	.00301	.00373	-.00342	-.09784	.01967	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	152.77	-.00175	-.00035	.00057	-.03791	.00925	411.82
Stddev	.00005	.23	.00002	.00001	.00036	.00816	.00004	.42
%RSD	16.067	.15245	1.3345	3.8997	62.880	21.531	.42113	.10309
#1	-.00034	152.93	-.00173	-.00035	.00032	-.04368	.00923	411.52
#2	-.00027	152.60	-.00176	-.00034	.00082	-.03213	.00928	412.12
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00608	.00019	F 2271.4	.00073	.00035	142.25	.00349	1.3690
Stddev	.00049	.00097	59.6	.00027	.00013	.29	.00017	.0112
%RSD	8.0304	515.14	2.6259	36.708	36.393	.20517	5.0081	.82030
#1	-.00573	-.00050	2313.6	.00054	.00026	142.05	.00337	1.3770
#2	-.00642	.00088	2229.3	.00093	.00044	142.46	.00362	1.3611
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 142.06	1.8083	-.05163	-.00626	.08841	.0773	2.8150	8.6769
Stddev	.60	.0001	.00028	.00027	.00297	.0001	.0023	.0739
%RSD	.42042	.00382	.55012	4.3351	3.3641	.1321	.08274	.85150
#1	142.48	1.8084	-.05183	-.00607	.08631	.0772	2.8167	8.7292
#2	141.63	1.8083	-.05142	-.00645	.09052	.0774	2.8134	8.6247

Sample Name: J6061-04 Acquired: 11/29/2018 17:28:34 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3465
Stddev	.2298
%RSD	17.068

#1	1.5090
#2	1.1840

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.7	37505.	3674.7	50.780	2758.3
Stddev	38.4	117.	2.0	.902	20.5
%RSD	1.2953	.31211	.05531	1.7771	.74223

#1	2940.5	37422.	3673.3	50.142	2743.9
#2	2994.8	37588.	3676.2	51.419	2772.8

Sample Name: CCV07 Acquired: 11/29/2018 17:32:40 Type: Unk
Method: P4-ICP2(v2617) 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	4.6557	4.8395	4.8595	4.9821	5.2352	10.272	10.165	.25255
Stddev	.0021	.0070	.0040	.0158	.0094	.082	.013	.00006
%RSD	.04464	.14516	.08270	.31612	.17885	.79403	.12433	.02322
#1	4.6572	4.8445	4.8566	4.9932	5.2418	10.330	10.156	.25259
#2	4.6542	4.8346	4.8623	4.9709	5.2286	10.214	10.174	.25251
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4463	25.419	1.0093	2.5064	1.2418	4.8389	2.5408	23.166
Stddev	.0005	.126	.0004	.0010	.0002	.0070	.0011	.167
%RSD	.02128	.49596	.04202	.04001	.01901	.14435	.04172	.72076
#1	2.4460	25.330	1.0096	2.5071	1.2419	4.8439	2.5416	23.284
#2	2.4467	25.508	1.0090	2.5057	1.2416	4.8340	2.5401	23.048
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3839	1.1984	24.350	2.3387	2.7091	23.597	4.7857	4.5921
Stddev	.0015	.0017	.197	.0026	.0034	.056	.0092	.0035
%RSD	.06417	.13969	.80979	.11082	.12440	.23524	.19312	.07661
#1	2.3829	1.1972	24.211	2.3405	2.7115	23.558	4.7922	4.5896
#2	2.3850	1.1996	24.489	2.3369	2.7067	23.637	4.7791	4.5946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9105	4.5912	4.6058	4.8991	4.9700	4.826	5.2376	4.6355
Stddev	.0101	.0612	.0024	.0209	.0130	.001	.0377	.0680
%RSD	.20494	1.3332	.05226	.42624	.26209	.0233	.71898	1.4674
#1	4.9176	4.5479	4.6075	4.9138	4.9608	4.825	5.2110	4.6836
#2	4.9033	4.6345	4.6041	4.8843	4.9792	4.827	5.2642	4.5874

Sample Name: CCV07 Acquired: 11/29/2018 17:32:40 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6239
Stddev .2423
%RSD 9.2353

#1 2.4525
#2 2.7952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3786.4	49777.	4099.4	56.033	3776.3
Stddev	13.3	133.	33.5	.153	6.9
%RSD	.35250	.26628	.81774	.27236	.18157

#1	3777.0	49683.	4123.2	55.925	3771.5
#2	3795.8	49871.	4075.7	56.141	3781.2

Sample Name: CCB07 Acquired: 11/29/2018 17:36:25 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7734 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	.00136	-.00025	.00245	.00005	.00517	-.00086	-.00009
Stddev	.00156	.00128	.00118	.00136	.00201	.00227	.00028	.00004
%RSD	810.77	94.475	477.98	55.720	4221.8	43.888	32.742	41.038

#1	.00130	.00227	-.00108	.00341	.00147	.00357	-.00106	-.00012
#2	-.00091	.00045	.00059	.00148	-.00137	.00678	-.00066	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01890	-.00005	-.00016	-.00017	-.01372	.00000	-.04881
Stddev	.00002	.00155	.00008	.00010	.00000	.00427	.00002	.05669
%RSD	38.356	8.1867	166.04	61.911	1.2682	31.124	554.39	116.14

#1	.00008	.01780	.00001	-.00022	-.00018	-.01070	-.00001	-.08889
#2	.00005	.01999	-.00010	-.00009	-.00017	-.01674	.00002	-.00873

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00001	.33523	-.00029	-.00088	.18776	.00029	.00206
Stddev	.00027	.00004	.01450	.00003	.00003	.03406	.00055	.01611
%RSD	111.56	297.55	4.3243	8.9716	3.7376	18.140	188.80	783.59

#1	-.00005	-.00001	.34548	-.00031	-.00090	.21184	.00068	.01345
#2	-.00043	.00004	.32498	-.00027	-.00085	.16368	-.00010	-.00934

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02776	.00073	-.00022	-.00031	F .00608	-.0004	.00006	F 3.1743
Stddev	.00037	.00209	.00080	.00235	.00106	.0008	.00002	.0211
%RSD	1.3290	284.39	369.81	758.00	17.480	210.3	31.519	.66393

#1	.02750	-.00074	.00035	-.00197	.00683	-.0010	.00005	3.1594
#2	.02802	.00221	-.00078	.00135	.00533	.0002	.00007	3.1892

Sample Name: CCB07 Acquired: 11/29/2018 17:36:25 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7734 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .62853
Stddev	.56423
%RSD	89.771

#1	.22955
#2	1.0275

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.8	52612.	4106.2	58.734	4412.0
Stddev	9.0	28.	58.4	.039	3.1
%RSD	.22732	.05302	1.4224	.06567	.07103

#1	3933.4	52592.	4064.9	58.707	4414.3
#2	3946.1	52632.	4147.5	58.761	4409.8

Sample Name: J6061-05 Acquired: 11/29/2018 17:40:30 Type: Unk
Method: P4-ICP2(v2617) 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	.00280	-.00056	.00263	.00560	-.00127	-.07492	.02136	.00005
Stddev	.00249	.00161	.00075	.00293	.00015	.00060	.00070	.00010
%RSD	89.130	288.26	28.375	52.207	11.488	.79734	3.2917	193.46
#1	.00103	-.00170	.00316	.00353	-.00137	-.07534	.02086	-.00002
#2	.00456	.00058	.00210	.00767	-.00116	-.07450	.02185	.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	110.57	-.00136	-.00050	.00077	-.02152	.00959	277.98
Stddev	.00011	.49	.00013	.00058	.00041	.00539	.00028	3.97
%RSD	44.093	.44145	9.8386	115.47	53.820	25.036	2.9261	1.4266
#1	-.00033	110.91	-.00126	-.00009	.00106	-.01771	.00979	280.79
#2	-.00017	110.22	-.00145	-.00092	.00048	-.02533	.00939	275.18
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00503	-.00023	1751.2	.00058	.00001	93.960	.00226	.93368
Stddev	.00031	.00026	6.8	.00034	.00002	.622	.00025	.01751
%RSD	6.0942	111.86	.39059	58.416	187.89	.66169	11.283	1.8749
#1	-.00524	-.00042	1746.3	.00034	-.00000	94.400	.00244	.92130
#2	-.00481	-.00005	1756.0	.00083	.00003	93.521	.00208	.94605
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 110.02	2.0137	-.03967	-.00383	.05245	.0652	1.9122	7.7463
Stddev	.31	.0580	.00049	.00298	.00008	.0020	.0095	.0177
%RSD	.28336	2.8776	1.2431	77.736	.14788	3.037	.49858	.22898
#1	109.80	2.0547	-.03932	-.00173	.05250	.0666	1.9189	7.7588
#2	110.24	1.9727	-.04002	-.00594	.05239	.0638	1.9054	7.7337

Sample Name: J6061-05 Acquired: 11/29/2018 17:40:30 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2751
Stddev .0527
%RSD 4.1356

#1 1.3124
#2 1.2378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.6	39606.	3848.2	52.526	2959.2
Stddev	31.7	527.	24.1	1.727	5.5
%RSD	1.0153	1.3298	.62606	3.2878	.18557

#1	3148.1	39233.	3831.2	51.305	2963.0
#2	3103.2	39978.	3865.2	53.747	2955.3

Sample Name: J6060-08 Acquired: 11/29/2018 17:44:37 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SITE-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	-.00099	.00115	.00288	-.00182	.50233	.10703	.00000
Stddev	.00174	.00094	.00082	.00102	.00093	.00844	.00016	.00006
%RSD	76.791	94.242	71.180	35.386	50.929	1.6800	.14897	1579.5

#1	.00350	-.00166	.00057	.00216	-.00116	.50830	.10691	.00004
#2	.00104	-.00033	.00173	.00360	-.00247	.49636	.10714	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00117	18.008	.00257	.00057	.01265	1.6360	.11335	6.8840
Stddev	.00002	.089	.00037	.00031	.00019	.0300	.00224	.1352
%RSD	1.7489	.49300	14.459	54.110	1.4950	1.8311	1.9762	1.9639

#1	.00118	17.945	.00283	.00079	.01252	1.6572	.11493	6.9796
#2	.00116	18.071	.00231	.00035	.01278	1.6148	.11176	6.7884

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	.00021	57.602	.00114	.03495	6.2945	.00039	.03649
Stddev	.00013	.00048	.482	.00048	.00070	.0217	.00002	.00670
%RSD	4.9985	230.38	.83764	41.859	1.9935	.34422	4.2224	18.374

#1	.00247	.00054	57.261	.00080	.03544	6.3099	.00040	.03175
#2	.00265	-.00013	57.943	.00148	.03446	6.2792	.00038	.04123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0544	5.7264	-.00119	.01017	.01060	.1093	.10891	3.4718
Stddev	.0295	.0050	.00071	.00012	.00020	.0010	.00036	.3556
%RSD	.48682	.08670	59.825	1.2267	1.8743	.8816	.33328	10.243

#1	6.0752	5.7299	-.00169	.01008	.01046	.1086	.10866	3.2203
#2	6.0336	5.7229	-.00069	.01025	.01074	.1099	.10917	3.7232

Sample Name: J6060-08 Acquired: 11/29/2018 17:44:37 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SITE-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.41571
Stddev	.14815
%RSD	35.637

#1	.52046
#2	.31095

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.1	51638.	4166.2	60.608	4146.4
Stddev	9.9	121.	9.6	.598	15.4
%RSD	.25450	.23436	.23012	.98667	.37096

#1	3876.1	51552.	4159.4	60.185	4135.6
#2	3890.1	51723.	4173.0	61.031	4157.3

Sample Name: J6064-03 Acquired: 11/29/2018 17:48:39 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00183	-.00287	.09032	.00409	-.00117	1.0587	.13484	-.00003
Stddev	.00099	.00041	.00097	.00202	.00201	.0321	.00068	.00001
%RSD	53.953	14.122	1.0714	49.316	171.08	3.0369	.50655	26.135
#1	.00113	-.00258	.09100	.00266	.00025	1.0814	.13435	-.00003
#2	.00253	-.00315	.08963	.00551	-.00259	1.0360	.13532	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00539	85.991	.00403	.01207	.04280	10.671	2.2787	9.2919
Stddev	.00003	1.426	.00026	.00017	.00092	.082	.0088	.1739
%RSD	.49638	1.6580	6.3912	1.4434	2.1558	.77275	.38803	1.8719
#1	.00541	84.983	.00385	.01220	.04345	10.612	2.2850	9.1689
#2	.00537	86.999	.00421	.01195	.04215	10.729	2.2725	9.4149
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04168	-.00006	68.323	.00309	2.2309	10.843	.00558	.06968
Stddev	.00038	.00001	.884	.00005	.0571	.101	.00002	.00684
%RSD	.90752	17.162	1.2934	1.5674	2.5580	.93021	.40628	9.8129
#1	.04141	-.00005	67.698	.00312	2.1905	10.771	.00560	.06485
#2	.04195	-.00007	68.948	.00306	2.2712	10.914	.00556	.07452
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.728	6.0146	-.00454	.02938	.00669	.1200	.47673	4.5899
Stddev	.083	.1421	.00025	.00136	.00031	.0026	.00537	.1422
%RSD	.27010	2.3633	5.5391	4.6160	4.6592	2.145	1.1269	3.0974
#1	30.669	5.9141	-.00436	.03033	.00647	.1218	.47293	4.6904
#2	30.787	6.1151	-.00472	.02842	.00691	.1182	.48053	4.4894

Sample Name: J6064-03 Acquired: 11/29/2018 17:48:39 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-WATER Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4687
Stddev	.0490
%RSD	3.3372

#1	1.5034
#2	1.4341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.7	49487.	4130.0	55.963	3859.4
Stddev	28.8	522.	79.4	1.087	15.3
%RSD	.77894	1.0548	1.9230	1.9433	.39721

#1	3678.3	49118.	4186.1	56.732	3848.5
#2	3719.1	49856.	4073.8	55.194	3870.2

Sample Name: J6084-01 Acquired: 11/29/2018 17:52:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-SFVP8283L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18435	-.00410	.41066	.01357	.09491	31.171	.18695	.00052
Stddev	.00112	.00043	.00550	.00389	.00053	.270	.00283	.00014
%RSD	.60646	10.517	1.3397	28.676	.55728	.86480	1.5136	26.911
#1	.18514	-.00440	.40677	.01082	.09529	30.981	.18495	.00042
#2	.18356	-.00379	.41455	.01632	.09454	31.362	.18895	.00062
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	40.075	1.5422	.00914	.38854	23.380	.22098	10.805
Stddev	.00002	.525	.0185	.00004	.00207	.538	.00361	.142
%RSD	2.6687	1.3102	1.1980	.40172	.53327	2.3021	1.6352	1.3152
#1	.00084	39.704	1.5291	.00911	.38708	22.999	.21842	10.705
#2	.00081	40.446	1.5552	.00916	.39001	23.760	.22353	10.906
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10877	-.00224	1778.0	.55016	.54246	58.986	.04544	.82344
Stddev	.00068	.00076	10.6	.01103	.01333	.487	.00011	.01333
%RSD	.62312	33.782	.59564	2.0052	2.4567	.82525	.23652	1.6184
#1	.10829	-.00171	1785.4	.54236	.53304	58.642	.04552	.83287
#2	.10924	-.00278	1770.5	.55796	.55189	59.330	.04537	.81402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 65.479	F 489.67	.00115	.41593	.45324	F 14.22	.34987	7.1713
Stddev	.054	8.96	.00067	.00114	.01235	.01	.00191	.1095
%RSD	.08222	1.8299	58.654	.27465	2.7240	.0934	.54717	1.5271
#1	65.441	483.34	.00163	.41512	.44451	14.21	.34852	7.0939
#2	65.517	496.01	.00067	.41673	.46197	14.23	.35123	7.2487

Sample Name: J6084-01 Acquired: 11/29/2018 17:52:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: MS-SFVP8283L Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3679
Stddev	1.0643
%RSD	31.601

#1	2.6153
#2	4.1205

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3310.3	41324.	3989.7	54.872	2977.4
Stddev	4.5	317.	25.4	1.084	5.7
%RSD	.13466	.76766	.63715	1.9754	.19130

#1	3307.1	41548.	4007.7	55.639	2973.4
#2	3313.4	41099.	3971.7	54.106	2981.5

Sample Name: J6085-04 Acquired: 11/29/2018 17:56:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00427	.00008	.05293	.00209	.00339	.23355	.14851	-.00013
Stddev	.00063	.00124	.00098	.00027	.00153	.00830	.00207	.00004
%RSD	14.812	1533.9	1.8431	13.029	45.158	3.5538	1.3906	29.713

#1	.00472	.00096	.05224	.00228	.00231	.23942	.14997	-.00010
#2	.00383	-.00079	.05362	.00189	.00448	.22768	.14705	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	10.074	.00837	.00232	.08694	11.056	.11356	.98116
Stddev	.00004	.099	.00004	.00006	.00094	.436	.00079	.03459
%RSD	81.757	.98014	.50523	2.7412	1.0804	3.9424	.69225	3.5259

#1	.00002	10.144	.00840	.00227	.08627	11.364	.11301	1.0056
#2	.00008	10.005	.00834	.00236	.08760	10.748	.11412	.95670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00401	-.00078	4.8369	.00129	.78196	1.8010	.00032	.01329
Stddev	.00026	.00014	.0807	.00008	.03870	.0007	.00010	.01359
%RSD	6.3863	17.676	1.6676	6.3065	4.9497	.04117	30.681	102.23

#1	.00383	-.00069	4.8940	.00123	.80933	1.8005	.00039	.00368
#2	.00419	-.00088	4.7799	.00134	.75459	1.8016	.00025	.02290

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4436	.71782	-.00071	.01413	.00741	.3654	.03275	2.8007
Stddev	.0028	.01411	.00045	.00174	.00374	.0002	.00009	.0428
%RSD	.19599	1.9651	63.770	12.308	50.489	.0578	.28218	1.5264

#1	1.4416	.72780	-.00039	.01290	.01006	.3655	.03268	2.7705
#2	1.4456	.70785	-.00104	.01536	.00476	.3652	.03281	2.8309

Sample Name: J6085-04 Acquired: 11/29/2018 17:56:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3092
Stddev .4490
%RSD 34.292

#1 1.6267
#2 .99176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.5	53405.	4100.5	60.298	4318.8
Stddev	2.2	141.	62.5	3.131	3.8
%RSD	.05528	.26438	1.5237	5.1918	.08735

#1	3951.1	53504.	4056.3	58.084	4321.5
#2	3948.0	53305.	4144.7	62.511	4316.1

Sample Name: J6021-05 Acquired: 11/29/2018 18:00:45 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: I04I-059-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00295	.00055	.00082	.00157	-.00127	.25329	.10528	-.00005
Stddev	.00119	.00174	.00020	.00118	.00180	.01775	.00409	.00000
%RSD	40.469	315.31	24.799	74.985	141.67	7.0094	3.8877	9.2792
#1	.00211	-.00068	.00067	.00074	-.00254	.24074	.10239	-.00005
#2	.00380	.00178	.00096	.00240	.00000	.26585	.10818	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	65.162	.00003	-.00017	.00127	.18392	.07582	23.750
Stddev	.00002	2.112	.00002	.00002	.00019	.00130	.00130	.781
%RSD	36.987	3.2410	66.889	13.521	14.972	.70934	1.7097	3.2874
#1	.00005	63.669	.00005	-.00016	.00140	.18485	.07674	23.198
#2	.00008	66.656	.00002	-.00019	.00114	.18300	.07490	24.302
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00020	168.16	.00182	.02531	4.7236	.00077	.24185
Stddev	.00005	.00026	4.31	.00064	.00017	.1667	.00007	.00166
%RSD	13.971	132.82	2.5618	35.428	.66245	3.5285	8.8958	.68677
#1	-.00032	-.00038	165.11	.00228	.02542	4.6057	.00082	.24068
#2	-.00039	-.00001	171.20	.00136	.02519	4.8414	.00072	.24303
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.041	5.1486	-.00651	.00461	.00893	.0253	.81110	4.2280
Stddev	.107	.1303	.00027	.00172	.00092	.0005	.02440	.1814
%RSD	.66952	2.5306	4.2058	37.319	10.277	2.147	3.0083	4.2898
#1	15.965	5.0565	-.00632	.00582	.00958	.0249	.79385	4.3562
#2	16.117	5.2408	-.00670	.00339	.00828	.0257	.82836	4.0997

Sample Name: J6021-05 Acquired: 11/29/2018 18:00:45 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I04I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.17262
Stddev	.01035
%RSD	5.9965

#1	.17994
#2	.16530

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.3	49641.	4109.1	60.058	3955.0
Stddev	41.8	657.	104.0	.043	37.0
%RSD	1.0920	1.3242	2.5298	.07171	.93481

#1	3856.9	49176.	4182.6	60.027	3981.2
#2	3797.8	50106.	4035.6	60.088	3928.9

Sample Name: J6021-07 Acquired: 11/29/2018 18:04:47 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I05I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	.00039	.00092	.00359	-.00261	.24588	.10510	-.00009
Stddev	.00055	.00082	.00053	.00012	.00074	.00446	.00127	.00001
%RSD	24.114	208.26	56.920	3.2081	28.453	1.8154	1.2063	7.2281
#1	.00266	.00097	.00055	.00351	-.00314	.24273	.10421	-.00009
#2	.00188	-.00019	.00129	.00368	-.00209	.24904	.10600	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	64.950	.00304	-.00026	.00169	.21815	.08623	23.487
Stddev	.00004	.943	.00054	.00015	.00026	.01545	.00058	.019
%RSD	143.62	1.4526	17.886	57.307	15.100	7.0803	.66912	.08010
#1	-.00006	64.283	.00266	-.00037	.00151	.22908	.08664	23.500
#2	.00000	65.617	.00342	-.00016	.00187	.20723	.08582	23.474
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00357	-.00063	165.39	.00152	.02884	4.6953	.00073	.23783
Stddev	.00008	.00006	1.66	.00010	.00065	.0155	.00002	.00910
%RSD	2.2019	10.136	1.0039	6.6117	2.2616	.32948	3.2969	3.8276
#1	.00362	-.00067	164.22	.00145	.02838	4.7063	.00071	.23140
#2	.00351	-.00058	166.56	.00159	.02930	4.6844	.00075	.24427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.292	5.3533	-.00564	.00509	.00780	.0230	.79961	4.1849
Stddev	.185	.0724	.00070	.00350	.00068	.0012	.01054	.1099
%RSD	1.1372	1.3530	12.422	68.782	8.7636	5.131	1.3184	2.6255
#1	16.423	5.3021	-.00614	.00261	.00828	.0239	.79216	4.1072
#2	16.161	5.4045	-.00515	.00756	.00732	.0222	.80707	4.2626

Sample Name: J6021-07 Acquired: 11/29/2018 18:04:47 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I05I-059-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .01571
%RSD 3.4193

#1 -.47059
#2 -.44837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3742.2	49530.	4113.7	58.772	3864.4
Stddev	22.6	99.	59.9	.778	31.5
%RSD	.60323	.20058	1.4567	1.3236	.81588

#1	3726.2	49600.	4156.1	59.322	3842.1
#2	3758.2	49460.	4071.3	58.222	3886.7

Sample Name: J6021-09 Acquired: 11/29/2018 18:08:50 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I06I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.00060	.00195	.00017	-.00125	.30218	.09564	-.00001
Stddev	.00021	.00067	.00010	.00042	.00028	.00156	.00047	.00001
%RSD	35.290	112.01	5.1678	241.35	22.804	.51609	.49388	93.033
#1	.00044	.00107	.00202	-.00012	-.00105	.30108	.09531	-.00001
#2	.00074	.00012	.00188	.00047	-.00145	.30328	.09598	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	58.348	.00028	-.00040	.00148	.19764	.07062	21.446
Stddev	.00001	.815	.00011	.00033	.00032	.00488	.00069	.150
%RSD	110.37	1.3971	39.425	81.731	21.696	2.4709	.97414	.69970
#1	-.00000	57.772	.00036	-.00017	.00171	.20110	.07111	21.340
#2	-.00002	58.925	.00020	-.00064	.00125	.19419	.07013	21.552
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	.00002	150.01	.00177	.02153	4.2608	.00055	.21327
Stddev	.00013	.00057	2.24	.00047	.00088	.0103	.00004	.00205
%RSD	13.222	2644.2	1.4917	26.667	4.0716	.24160	7.5656	.95926
#1	-.00104	.00043	148.43	.00210	.02091	4.2535	.00052	.21472
#2	-.00087	-.00038	151.59	.00144	.02215	4.2681	.00058	.21183
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.106	4.7510	-.00493	.00429	.00824	.0243	.72270	4.2433
Stddev	.052	.0710	.00095	.00046	.00178	.0001	.01041	.4188
%RSD	.34308	1.4935	19.189	10.614	21.546	.2594	1.4400	9.8684
#1	15.069	4.7008	-.00426	.00461	.00699	.0242	.71534	4.5394
#2	15.142	4.8012	-.00560	.00396	.00950	.0243	.73006	3.9472

Sample Name: J6021-09 Acquired: 11/29/2018 18:08:50 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: I06I-059-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.03436
Stddev	.30356
%RSD	883.56

#1	-.18029
#2	.24901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3748.6	49338.	4177.2	60.313	3886.2
Stddev	15.0	557.	72.7	2.024	10.7
%RSD	.39896	1.1279	1.7413	3.3552	.27435

#1	3759.2	48945.	4228.6	61.743	3893.8
#2	3738.0	49732.	4125.8	58.882	3878.7

Sample Name: J6022-01 Acquired: 11/29/2018 18:12:52 Type: Unk
Method: P4-ICP2(v2617) 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	.00134	.00067	.00304	-.00216	.27793	.06194	-.00004
Stddev	.00074	.00036	.00047	.00260	.00165	.02623	.00044	.00010
%RSD	42.390	27.008	70.943	85.647	76.618	9.4382	.71038	254.23

#1	.00122	.00109	.00101	.00120	-.00099	.29648	.06225	-.00011
#2	.00227	.00160	.00033	.00488	-.00332	.25938	.06163	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	81.611	.00115	.00006	.00469	.38778	.05138	5.7173
Stddev	.00007	.130	.00002	.00003	.00008	.00949	.00026	.0441
%RSD	54.089	.15880	2.0667	44.925	1.6114	2.4469	.51236	.77178

#1	.00017	81.520	.00114	.00008	.00475	.39449	.05120	5.6861
#2	.00008	81.703	.00117	.00004	.00464	.38107	.05157	5.7485

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00035	14.121	.00482	.02442	8.9939	.00099	.28589
Stddev	.00040	.00006	.008	.00053	.00047	.0093	.00003	.00324
%RSD	27.368	18.771	.05320	11.033	1.9325	.10356	3.0886	1.1324

#1	.00177	-.00030	14.127	.00444	.02408	9.0005	.00101	.28818
#2	.00119	-.00039	14.116	.00519	.02475	8.9874	.00097	.28360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6585	7.6844	-.00190	.00732	.00325	.2244	.53895	3.6630
Stddev	.0113	.0296	.00037	.00060	.00031	.0005	.00091	.1784
%RSD	.24346	.38477	19.242	8.1842	9.6424	.2161	.16920	4.8712

#1	4.6504	7.7053	-.00164	.00774	.00303	.2240	.53960	3.7892
#2	4.6665	7.6635	-.00216	.00689	.00348	.2247	.53831	3.5369

Sample Name: J6022-01 Acquired: 11/29/2018 18:12:52 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .21084
 Stddev .15308
 %RSD 72.604

#1 .31908
 #2 .10260

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.3	51001.	4198.7	60.219	4143.2
Stddev	24.3	20.	9.3	1.081	23.2
%RSD	.63193	.03920	.22121	1.7947	.56059

#1	3864.5	51015.	4192.1	60.983	4159.6
#2	3830.2	50987.	4205.3	59.455	4126.8

Sample Name: J6022-03 Acquired: 11/29/2018 18:16:54 Type: Unk
Method: P4-ICP2(v2617) 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	-.00024	.00139	-.00197	.00002	-.00113	.00130	.00083	-.00010
Stddev	.00003	.00045	.00007	.00121	.00094	.00472	.00022	.00002
%RSD	10.934	32.079	3.8037	5057.9	83.701	364.02	26.623	20.552

#1	-.00022	.00108	-.00202	.00088	-.00046	-.00204	.00099	-.00009
#2	-.00026	.00171	-.00192	-.00083	-.00179	.00463	.00068	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.02809	.00074	-.00018	-.00014	.00948	.00039	-.04105
Stddev	.00010	.00621	.00002	.00011	.00041	.00939	.00002	.02844
%RSD	136.86	22.119	3.0489	60.601	287.17	99.078	6.0334	69.266

#1	.00000	.03248	.00076	-.00026	.00015	.01612	.00037	-.02095
#2	.00015	.02370	.00073	-.00010	-.00043	.00284	.00040	-.06116

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00014	.29110	-.00037	.02476	.08586	-.00009	-.01372
Stddev	.00029	.00016	.00627	.00003	.00032	.01721	.00002	.00630
%RSD	30.577	111.90	2.1550	7.7878	1.3096	20.038	26.362	45.951

#1	.00074	.00003	.29553	-.00039	.02453	.07370	-.00011	-.01818
#2	.00114	.00026	.28666	-.00035	.02499	.09803	-.00007	-.00926

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01242	.00607	-.00101	.00334	-.00017	.0026	.00013	2.6296
Stddev	.00323	.00083	.00013	.00138	.00015	.0002	.00002	.0141
%RSD	26.008	13.725	13.216	41.416	88.727	7.449	13.361	.53565

#1	.01014	.00548	-.00092	.00236	-.00028	.0025	.00014	2.6396
#2	.01470	.00666	-.00110	.00432	-.00006	.0027	.00011	2.6196

Sample Name: J6022-03 Acquired: 11/29/2018 18:16:54 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .35878
Stddev .00052
%RSD .14573

#1 .35841
#2 .35915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.2	54170.	4247.6	61.705	4541.8
Stddev	28.3	67.	10.3	.331	19.7
%RSD	.70207	.12277	.24282	.53652	.43382

#1	4014.1	54123.	4240.3	61.939	4527.9
#2	4054.2	54217.	4254.9	61.470	4555.7

Sample Name: CCV08 Acquired: 11/29/2018 18:20:59 Type: Unk
Method: P4-ICP2(v2617) 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	4.7694	4.9436	4.9270	5.0404	5.2666	10.478	10.313	.25535
Stddev	.0123	.0137	.0018	.0024	.0003	.001	.004	.00096
%RSD	.25679	.27620	.03623	.04831	.00651	.00542	.03659	.37622
#1	4.7781	4.9533	4.9257	5.0421	5.2664	10.478	10.311	.25467
#2	4.7607	4.9340	4.9282	5.0387	5.2669	10.477	10.316	.25603
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4750	25.666	1.0276	2.5265	1.2645	4.8933	2.5765	23.692
Stddev	.0074	.031	.0015	.0064	.0003	.0567	.0008	.136
%RSD	.29950	.11960	.15039	.25295	.02607	1.1578	.03139	.57536
#1	2.4802	25.645	1.0265	2.5311	1.2648	4.9334	2.5771	23.595
#2	2.4697	25.688	1.0287	2.5220	1.2643	4.8532	2.5759	23.788
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4297	1.2158	25.031	2.4025	2.7133	24.082	4.9004	4.7005
Stddev	.0013	.0041	.051	.0033	.0344	.018	.0028	.0276
%RSD	.05309	.33625	.20479	.13633	1.2687	.07598	.05738	.58636
#1	2.4306	1.2187	25.067	2.4048	2.7376	24.095	4.9024	4.7200
#2	2.4288	1.2129	24.994	2.4002	2.6889	24.069	4.8984	4.6810
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9664	4.7898	4.7282	4.9802	5.0538	4.926	5.2979	4.6420
Stddev	.0006	.0164	.0053	.0072	.0055	.007	.0186	.0519
%RSD	.01127	.34268	.11257	.14543	.10907	.1415	.35174	1.1170
#1	4.9660	4.7782	4.7320	4.9751	5.0577	4.921	5.3111	4.6787
#2	4.9668	4.8014	4.7245	4.9854	5.0499	4.931	5.2848	4.6054

Sample Name: CCV08 Acquired: 11/29/2018 18:20:59 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3615
Stddev .1659
%RSD 7.0236

#1 2.4788
#2 2.2443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.8	49434.	4082.8	55.969	3758.5
Stddev	10.3	238.	27.1	.794	16.2
%RSD	.27142	.48122	.66414	1.4185	.43061

#1	3773.6	49266.	4063.6	55.408	3747.0
#2	3788.1	49602.	4101.9	56.531	3769.9

Sample Name: CCB08 Acquired: 11/29/2018 18:24:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00214	-.00118	-.00096	.00021	.00591	.00010	-.00007
Stddev	.00004	.00100	.00023	.00017	.00095	.00151	.00072	.00003
%RSD	1.7456	46.853	19.811	17.733	445.15	25.524	694.63	38.107

#1	.00218	.00286	-.00102	-.00108	-.00046	.00485	.00062	-.00009
#2	.00223	.00143	-.00135	-.00084	.00089	.00698	-.00041	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00541	-.00001	-.00028	-.00012	-.01862	-.00001	-.06980
Stddev	.00003	.01243	.00028	.00007	.00004	.01368	.00001	.01579
%RSD	23.440	229.62	3890.9	23.783	31.579	73.508	70.675	22.616

#1	.00009	-.00338	-.00021	-.00033	-.00014	-.00894	-.00002	-.08096
#2	.00013	.01420	.00019	-.00023	-.00009	-.02829	-.00001	-.05864

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00036	.14724	-.00020	-.00079	.10202	.00043	-.00727
Stddev	.00032	.00017	.00826	.00015	.00007	.01158	.00037	.00250
%RSD	86.208	46.571	5.6092	75.519	8.4573	11.346	85.695	34.366

#1	-.00014	-.00048	.15309	-.00030	-.00084	.11020	.00069	-.00903
#2	-.00060	-.00024	.14140	-.00009	-.00074	.09383	.00017	-.00550

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01215	.00530	-.00014	.00356	.00305	.0011	.00006	F 2.9085
Stddev	.00400	.00190	.00016	.00221	.00077	.0002	.00006	.4931
%RSD	32.958	35.881	121.87	62.227	25.122	21.54	103.69	16.955

#1	.01498	.00665	-.00025	.00512	.00359	.0013	.00010	2.5598
#2	.00932	.00396	-.00002	.00199	.00251	.0009	.00001	3.2572

Sample Name: CCB08 Acquired: 11/29/2018 18:24:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .43211
Stddev	.55314
%RSD	128.01

#1	.82324
#2	.04098

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3950.4	52703.	4125.9	59.128	4392.5
Stddev	5.6	357.	1.8	.664	.4
%RSD	.14069	.67798	.04425	1.1225	.00813

#1	3946.4	52956.	4127.2	59.598	4392.7
#2	3954.3	52450.	4124.6	58.659	4392.2

Sample Name: J6022-05 Acquired: 11/29/2018 18:28:49 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00404	-.00186	.00331	.00558	-.00128	-.03550	.27846	-.00011
Stddev	.00017	.00008	.00100	.00179	.00013	.01591	.00081	.00002
%RSD	4.1449	4.3865	30.190	32.103	9.9058	44.803	.28993	15.030
#1	.00416	-.00180	.00260	.00684	-.00137	-.02426	.27789	-.00010
#2	.00392	-.00191	.00402	.00431	-.00119	-.04675	.27903	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	186.20	-.00273	.00910	.00040	6.4132	4.8904	57.536
Stddev	.00002	1.41	.00001	.00026	.00037	.2224	.1510	.571
%RSD	9.0905	.75792	.54916	2.8322	92.626	3.4678	3.0880	.99221
#1	-.00018	187.20	-.00274	.00928	.00067	6.2559	4.9972	57.132
#2	-.00020	185.20	-.00272	.00892	.00014	6.5704	4.7837	57.940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00815	.00071	628.13	.00198	.02086	.87026	-.00038	.83797
Stddev	.00035	.00064	11.50	.00058	.00051	.03325	.00016	.00335
%RSD	4.3154	89.678	1.8305	29.188	2.4319	3.8211	42.971	.39939
#1	.00790	.00116	636.26	.00239	.02050	.84675	-.00027	.83561
#2	.00840	.00026	620.00	.00157	.02122	.89377	-.00050	.84034
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.046	F 12.636	-.00451	-.00110	.00847	.1161	.90366	5.2177
Stddev	.049	.123	.00024	.00020	.00198	.0014	.00720	.6798
%RSD	.32509	.97128	5.4212	18.605	23.340	1.200	.79683	13.028
#1	15.011	12.722	-.00434	-.00125	.00986	.1171	.90876	5.6984
#2	15.080	12.549	-.00468	-.00096	.00707	.1151	.89857	4.7370

Sample Name: J6022-05 Acquired: 11/29/2018 18:28:49 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .81099
Stddev .71907
%RSD 88.665

#1 1.3195
#2 .30254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3515.3	46637.	4122.6	57.671	3449.8
Stddev	9.1	1318.	11.9	1.608	21.8
%RSD	.25766	2.8265	.28817	2.7878	.63127

#1	3521.7	45705.	4114.2	58.808	3465.2
#2	3508.9	47569.	4131.0	56.534	3434.4

Sample Name: J6022-07 Acquired: 11/29/2018 18:32:56 Type: Unk
Method: P4-ICP2(v2617) 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	.01940	.00151	.00224	.00686	-.00168	-.01336	.11422	-.00007
Stddev	.00016	.00004	.00004	.00370	.00207	.00382	.00034	.00004
%RSD	.81075	2.9549	1.8109	53.971	122.93	28.616	.29645	58.592
#1	.01929	.00147	.00226	.00424	-.00314	-.01065	.11399	-.00004
#2	.01952	.00154	.00221	.00947	-.00022	-.01606	.11446	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	121.09	.00518	-.00057	-.00033	.57306	.02015	52.736
Stddev	.00000	.13	.00019	.00005	.00022	.00187	.00014	.022
%RSD	197.12	.10517	3.5883	8.3935	64.530	.32661	.70455	.04211
#1	-.00000	121.18	.00531	-.00053	-.00049	.57438	.02005	52.751
#2	.00000	121.00	.00505	-.00060	-.00018	.57173	.02025	52.720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	-.00049	70.157	.01491	.01718	1.7973	.00236	.60997
Stddev	.00004	.00010	.055	.00055	.00053	.0099	.00014	.00389
%RSD	6.0138	21.280	.07839	3.6951	3.0739	.55114	5.7485	.63693
#1	.00060	-.00042	70.118	.01452	.01681	1.8043	.00227	.61272
#2	.00066	-.00056	70.195	.01530	.01755	1.7903	.00246	.60722
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.720	F 25.746	-.00795	-.00112	.02976	.0525	3.5771	4.3137
Stddev	.028	.014	.00041	.00012	.00046	.0023	.0044	.0692
%RSD	.12915	.05371	5.1727	10.530	1.5466	4.433	.12223	1.6041
#1	21.739	25.736	-.00766	-.00104	.03009	.0508	3.5802	4.3627
#2	21.700	25.756	-.00824	-.00120	.02944	.0541	3.5740	4.2648

Sample Name: J6022-07 Acquired: 11/29/2018 18:32:56 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .27400
%RSD 104.51

#1 -.45593
#2 -.06843

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3787.8	49858.	4121.6	58.214	3932.8
Stddev	10.3	25.	.2	1.541	11.6
%RSD	.27195	.04969	.00468	2.6472	.29498

#1	3780.5	49840.	4121.7	59.304	3924.6
#2	3795.0	49875.	4121.5	57.124	3941.0

Sample Name: J6022-09 Acquired: 11/29/2018 18:36:58 Type: Unk
Method: P4-ICP2(v2617) 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	.01701	-.00021	.00375	.00489	-.00312	-.01988	.11032	-.00011
Stddev	.00078	.00050	.00057	.00210	.00143	.00317	.00069	.00008
%RSD	4.5574	243.59	15.121	42.804	45.929	15.962	.62720	69.952
#1	.01755	-.00056	.00415	.00341	-.00413	-.01763	.11081	-.00016
#2	.01646	.00015	.00334	.00638	-.00211	-.02212	.10983	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	116.39	.00094	-.00039	.00060	.55364	.01868	51.162
Stddev	.00005	1.63	.00013	.00003	.00013	.01965	.00011	.065
%RSD	415.96	1.3965	13.452	6.8511	21.844	3.5485	.58874	.12712
#1	.00002	115.24	.00103	-.00041	.00051	.53975	.01860	51.116
#2	-.00005	117.54	.00085	-.00037	.00070	.56754	.01876	51.208
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00046	67.558	.01438	.01836	1.7262	.00173	.59326
Stddev	.00040	.00020	.277	.00000	.00060	.0024	.00004	.01018
%RSD	41.588	43.677	.40945	.03192	3.2723	.13824	2.0972	1.7164
#1	-.00123	-.00032	67.362	.01438	.01794	1.7279	.00176	.60046
#2	-.00067	-.00061	67.753	.01437	.01879	1.7245	.00171	.58606
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.295	F 24.952	-.00809	-.00240	.02869	.0526	3.4389	4.2597
Stddev	.185	.279	.00034	.00164	.00134	.0004	.0390	.3490
%RSD	.87053	1.1162	4.1978	68.347	4.6549	.7676	1.1343	8.1925
#1	21.426	24.755	-.00785	-.00356	.02963	.0529	3.4113	4.5064
#2	21.164	25.149	-.00833	-.00124	.02775	.0523	3.4665	4.0129

Sample Name: J6022-09 Acquired: 11/29/2018 18:36:58 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.14591
Stddev	.65841
%RSD	451.25

#1	-.31966
#2	.61147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.9	49796.	4147.8	60.158	3921.7
Stddev	29.3	271.	33.1	2.400	39.3
%RSD	.77669	.54509	.79839	3.9901	1.0026

#1	3756.1	49605.	4171.2	61.855	3893.8
#2	3797.6	49988.	4124.3	58.461	3949.5

Sample Name: J6022-11 Acquired: 11/29/2018 18:40:59 Type: Unk
Method: P4-ICP2(v2617) 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	.00383	.00078	.00176	.00357	-.00221	-.08505	.87475	-.00006
Stddev	.00026	.00003	.00019	.00101	.00068	.00323	.00792	.00001
%RSD	6.7063	3.7135	10.821	28.316	30.724	3.8022	.90509	14.250
#1	.00401	.00080	.00162	.00285	-.00269	-.08733	.86915	-.00005
#2	.00365	.00076	.00189	.00428	-.00173	-.08276	.88034	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	199.28	.00004	-.00079	-.00022	.65248	.03169	77.837
Stddev	.00008	1.35	.00040	.00012	.00026	.00593	.00025	.333
%RSD	74.280	.67816	920.92	14.491	119.05	.90859	.80318	.42818
#1	-.00005	198.32	.00033	-.00071	-.00041	.65667	.03151	77.601
#2	-.00016	200.23	-.00024	-.00088	-.00003	.64829	.03187	78.072
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	.00006	60.496	.00674	.01863	3.1978	.00009	.24763
Stddev	.00013	.00039	.320	.00020	.00023	.0309	.00003	.01869
%RSD	8.8131	618.66	.52928	2.9881	1.2425	.96511	35.695	7.5495
#1	-.00157	-.00021	60.270	.00660	.01880	3.1760	.00011	.23441
#2	-.00139	.00034	60.722	.00689	.01847	3.2197	.00006	.26085
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.617	F 27.621	-.00686	-.00358	.04716	.0725	1.8142	4.4352
Stddev	.027	.119	.00018	.00262	.00265	.0004	.0102	.0648
%RSD	.14334	.42939	2.6081	73.140	5.6196	.5122	.56013	1.4618
#1	18.598	27.537	-.00699	-.00543	.04529	.0727	1.8071	4.3894
#2	18.636	27.705	-.00674	-.00173	.04904	.0722	1.8214	4.4811

Sample Name: J6022-11 Acquired: 11/29/2018 18:40:59 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .04913
%RSD 35.573

#1 -.10337
#2 -.17286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.7	49084.	4071.5	56.217	3819.4
Stddev	1.0	126.	10.6	.168	20.1
%RSD	.02578	.25579	.25930	.29834	.52679

#1	3717.1	49172.	4079.0	56.098	3833.6
#2	3718.4	48995.	4064.0	56.336	3805.1

Sample Name: J6022-13 Acquired: 11/29/2018 18:45:01 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.00029	.00340	.00195	.00022	.92661	.06835	-.00001
Stddev	.00117	.00079	.00067	.00015	.00030	.00134	.00079	.00003
%RSD	66.577	273.59	19.582	7.4639	136.39	.14454	1.1613	333.47
#1	.00258	-.00027	.00387	.00205	.00043	.92566	.06891	-.00003
#2	.00093	.00085	.00293	.00185	.00001	.92755	.06779	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	30.507	.00080	.00726	.01026	2.4022	.84473	12.077
Stddev	.00004	.072	.00040	.00022	.00036	.0114	.00849	.014
%RSD	79.570	.23612	50.388	3.0664	3.5075	.47358	1.0047	.11929
#1	.00008	30.456	.00109	.00742	.01000	2.4103	.83873	12.067
#2	.00002	30.558	.00052	.00711	.01051	2.3942	.85073	12.087
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00873	.00010	151.69	.00305	.03476	2.7630	-.00011	.17481
Stddev	.00003	.00051	.83	.00004	.00050	.0033	.00023	.01262
%RSD	.29430	507.11	.54625	1.4353	1.4438	.11993	214.08	7.2173
#1	.00875	-.00026	152.27	.00302	.03441	2.7653	.00006	.16589
#2	.00871	.00046	151.10	.00308	.03512	2.7606	-.00027	.18373
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.769	F 15.010	-.00419	.03430	.00421	.0451	.35283	4.2815
Stddev	.020	.156	.00002	.01029	.00091	.0024	.00035	.3477
%RSD	.18601	1.0407	.57644	30.013	21.536	5.285	.09873	8.1206
#1	10.754	15.121	-.00420	.04157	.00485	.0468	.35308	4.0356
#2	10.783	14.900	-.00417	.02702	.00357	.0434	.35259	4.5273

Sample Name: J6022-13 Acquired: 11/29/2018 18:45:01 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.47330
Stddev	.21206
%RSD	44.804

#1	.32336
#2	.62325

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3855.6	49819.	4185.4	59.862	3972.9
Stddev	.2	707.	7.6	.813	1.3
%RSD	.00557	1.4183	.18270	1.3574	.03243

#1	3855.5	50318.	4190.8	60.437	3973.8
#2	3855.8	49319.	4180.0	59.287	3971.9

Sample Name: J6022-16 Acquired: 11/29/2018 18:49:02 Type: Unk
Method: P4-ICP2(v2617) 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	.01390	.00165	.00002	.00168	-.00053	.24151	.00661	-.00013
Stddev	.00003	.00017	.00017	.00020	.00192	.01561	.00045	.00003
%RSD	.23929	10.472	693.81	12.058	361.07	6.4633	6.7353	20.765

#1	.01392	.00153	-.00009	.00183	.00083	.25254	.00693	-.00015
#2	.01388	.00177	.00014	.00154	-.00189	.23047	.00630	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	16.256	.00260	.00001	.00677	.01117	.00234	.56714
Stddev	.00006	.043	.00009	.00000	.00003	.01967	.00004	.00209
%RSD	20.681	.26661	3.4810	5.5353	.37989	176.17	1.5153	.36821

#1	.00023	16.225	.00254	.00002	.00678	-.00274	.00236	.56567
#2	.00031	16.287	.00267	.00001	.00675	.02508	.00231	.56862

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	.00017	106.10	.01891	.01764	1.4723	.15420	1.1789
Stddev	.00014	.00092	.25	.00056	.00015	.0283	.00024	.0162
%RSD	4.5531	557.14	.23137	2.9390	.84082	1.9220	.15828	1.3737

#1	.00321	.00082	105.92	.01930	.01775	1.4923	.15438	1.1904
#2	.00301	-.00049	106.27	.01851	.01754	1.4523	.15403	1.1675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.373	F 10.293	-.00623	.00419	-.00102	.1192	.08225	3.8677
Stddev	.025	.030	.00006	.00434	.00022	.0023	.00034	.0714
%RSD	.15141	.29059	.96589	103.66	21.353	1.904	.40920	1.8450

#1	16.391	10.272	-.00619	.00112	-.00118	.1208	.08201	3.9182
#2	16.356	10.315	-.00627	.00726	-.00087	.1176	.08249	3.8173

Sample Name: J6022-16 Acquired: 11/29/2018 18:49:02 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.07213
%RSD	80.579

#1	-.03851
#2	-.14052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.4	50533.	4156.3	60.437	4094.3
Stddev	1.5	111.	13.3	.759	8.5
%RSD	.03993	.21888	.32034	1.2554	.20843

#1	3869.5	50455.	4165.8	59.901	4088.2
#2	3867.3	50612.	4146.9	60.974	4100.3

Sample Name: J6074-02 Acquired: 11/29/2018 18:53:03 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WC-NY5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00163	-.00183	.00064	.00370	-.00176	-.04509	.16436	-.00012
Stddev	.00112	.00044	.00015	.00240	.00037	.01210	.00069	.00009
%RSD	69.010	23.792	23.753	64.807	20.776	26.827	.42044	76.053

#1	.00083	-.00152	.00053	.00200	-.00150	-.05365	.16485	-.00005
#2	.00242	-.00214	.00075	.00539	-.00202	-.03654	.16387	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	163.23	.00027	.00260	.00196	-.05202	.64030	2.2257
Stddev	.00002	1.43	.00058	.00010	.00026	.00826	.00080	.0774
%RSD	14.854	.87759	213.06	3.8531	13.122	15.872	.12472	3.4762

#1	.00018	164.25	.00069	.00253	.00214	-.05786	.63974	2.2804
#2	.00014	162.22	-.00014	.00267	.00178	-.04618	.64087	2.1710

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00362	-.00061	288.77	.00060	.07089	2.3405	.00057	.03039
Stddev	.00005	.00029	1.68	.00053	.00080	.0304	.00001	.00479
%RSD	1.3757	47.432	.58009	88.730	1.1316	1.2994	1.2417	15.748

#1	.00365	-.00040	289.95	.00098	.07032	2.3190	.00058	.02701
#2	.00358	-.00081	287.58	.00022	.07146	2.3620	.00057	.03378

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7994	3.6275	.00013	-.00082	.01313	.0030	.49067	5.3705
Stddev	.0011	.0146	.00068	.00136	.00106	.0010	.00470	.0348
%RSD	.03855	.40136	506.45	166.33	8.0581	34.69	.95709	.64900

#1	2.8001	3.6378	.00061	.00014	.01238	.0037	.49400	5.3459
#2	2.7986	3.6172	-.00035	-.00178	.01388	.0023	.48735	5.3951

Sample Name: J6074-02 Acquired: 11/29/2018 18:53:03 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WC-NY5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .19511
 %RSD 163.25

#1 -.25747
 #2 .01845

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.0	47060.	4006.6	57.226	3668.4
Stddev	7.5	54.	19.1	.813	27.6
%RSD	.20766	.11460	.47742	1.4212	.75140

#1	3598.7	47098.	3993.1	57.801	3648.9
#2	3609.3	47022.	4020.1	56.651	3687.9

Sample Name: J6074-02DUP Acquired: 11/29/2018 18:57:11 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	-.00185	.00146	.00517	-.00194	-.05093	.16696	-.00011
Stddev	.00287	.00021	.00146	.00072	.00095	.01463	.00113	.00004
%RSD	141.05	11.529	99.838	13.921	48.996	28.732	.67949	40.457

#1	-.00406	-.00170	.00043	.00466	-.00127	-.04058	.16615	-.00014
#2	-.00001	-.00200	.00250	.00568	-.00262	-.06128	.16776	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	166.04	-.00006	.00254	.00174	-.05889	.65169	2.3263
Stddev	.00005	1.41	.00010	.00006	.00003	.00307	.00893	.0996
%RSD	44.128	.84826	156.35	2.3803	1.8057	5.2181	1.3704	4.2830

#1	.00016	165.04	-.00013	.00259	.00176	-.06106	.64538	2.2558
#2	.00008	167.04	.00001	.00250	.00171	-.05671	.65801	2.3967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	-.00013	290.13	.00099	.06898	2.3404	.00026	.04141
Stddev	.00030	.00023	.68	.00014	.00034	.0270	.00002	.00051
%RSD	8.0194	170.52	.23434	14.430	.49262	1.1554	6.2621	1.2306

#1	.00355	.00003	289.65	.00089	.06874	2.3595	.00027	.04105
#2	.00398	-.00029	290.61	.00109	.06922	2.3213	.00025	.04177

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7992	3.6952	-.00033	-.00138	.01197	.0027	.49887	5.5733
Stddev	.0142	.0081	.00054	.00169	.00080	.0003	.00325	.1427
%RSD	.50628	.21963	163.24	122.30	6.6447	9.162	.65227	2.5612

#1	2.7892	3.6894	.00005	-.00019	.01140	.0029	.49657	5.4724
#2	2.8092	3.7009	-.00071	-.00258	.01253	.0026	.50118	5.6742

Sample Name: J6074-02DUP Acquired: 11/29/2018 18:57:11 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WC-NY5DU Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.22540
Stddev	.26802
%RSD	118.91

#1	.41492
#2	.03588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.1	46671.	3980.8	57.326	3675.7
Stddev	13.5	453.	19.1	.414	10.8
%RSD	.37107	.97162	.48052	.72197	.29495

#1	3616.6	46992.	3994.3	57.619	3683.4
#2	3635.6	46350.	3967.2	57.034	3668.1

Sample Name: J6074-02LX5 Acquired: 11/29/2018 19:01:19 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7732 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00096	.00032	-.00003	.00308	-.00071	-.02177	.03453	-.00004
Stddev	.00016	.00010	.00008	.00062	.00104	.02398	.00035	.00002
%RSD	16.465	30.585	236.10	20.099	145.06	110.18	1.0151	43.407

#1	.00107	.00039	-.00009	.00265	.00002	-.03873	.03428	-.00005
#2	.00085	.00025	.00002	.00352	-.00145	-.00481	.03477	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	34.208	-.00019	.00034	-.00001	-.02724	.13638	.39006
Stddev	.00002	.088	.00034	.00002	.00039	.01297	.00056	.02686
%RSD	64.299	.25694	180.23	7.0083	2675.3	47.607	.41248	6.8874

#1	.00005	34.270	.00005	.00032	-.00029	-.01807	.13678	.40906
#2	.00002	34.145	-.00043	.00035	.00026	-.03640	.13598	.37106

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	.00006	60.794	-.00026	.01414	.54529	-.00019	.00273
Stddev	.00005	.00028	1.002	.00016	.00064	.03333	.00040	.00679
%RSD	22.868	448.35	1.6474	62.411	4.5087	6.1116	217.27	248.45

#1	-.00020	.00026	61.502	-.00037	.01369	.56886	-.00047	-.00207
#2	-.00028	-.00014	60.086	-.00015	.01459	.52173	.00010	.00754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58619	.80379	-.00040	.00219	.00549	.0018	.10254	4.1754
Stddev	.00376	.01077	.00004	.00177	.00106	.0003	.00065	.1445
%RSD	.64201	1.3396	9.1468	80.835	19.249	15.11	.63690	3.4603

#1	.58885	.81141	-.00043	.00344	.00623	.0016	.10301	4.2775
#2	.58353	.79618	-.00038	.00094	.00474	.0020	.10208	4.0732

Sample Name: J6074-02LX5 Acquired: 11/29/2018 19:01:19 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7732 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.00180
%RSD	6.5641

#1	-.02613
#2	-.02867

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3795.2	49858.	4049.8	57.610	3997.5
Stddev	17.9	245.	54.5	1.424	21.5
%RSD	.47064	.49178	1.3454	2.4724	.53799

#1	3782.6	49685.	4011.3	58.617	3982.3
#2	3807.8	50031.	4088.3	56.603	4012.7

Sample Name: J6074-02MS Acquired: 11/29/2018 19:05:22 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83568	1.9158	.98688	2.1565	.90209	2.2424	.41184
Stddev	.00554	.0295	.01607	.0133	.00705	.0389	.00017
%RSD	.66321	1.5405	1.6280	.61638	.78193	1.7363	.04066

#1	.83176	1.8949	.97552	2.1471	.89710	2.2148	.41172
#2	.83960	1.9367	.99824	2.1659	.90707	2.2699	.41196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22200	.20328	186.14	.45111	.21452	.32420	3.0672
Stddev	.00025	.00267	.39	.00007	.00342	.00326	.0346
%RSD	.11091	1.3151	.21146	.01547	1.5938	1.0070	1.1293

#1	.22183	.20139	185.86	.45106	.21211	.32189	3.0427
#2	.22218	.20517	186.42	.45116	.21694	.32651	3.0917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92965	4.5738	.51472	.07529	331.09	.32557	.29460
Stddev	.00001	.0257	.00863	.00092	.74	.00027	.00488
%RSD	.00065	.56158	1.6757	1.2206	.22212	.08359	1.6567

#1	.92965	4.5920	.50862	.07594	331.61	.32576	.29115
#2	.92966	4.5556	.52082	.07464	330.57	.32538	.29805

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.476	.45509	.35095	3.0578	5.0301	.70621	.21713
Stddev	.043	.00315	.01574	.0462	.0341	.00698	.00174
%RSD	.31976	.69211	4.4841	1.5112	.67802	.98908	.80035

#1	13.507	.45286	.36208	3.0251	5.0060	.70127	.21590
#2	13.446	.45732	.33982	3.0904	5.0542	.71115	.21836

Sample Name: J6074-02MS Acquired: 11/29/2018 19:05:22 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24661	6.422	.78098	5.3579	F<.00000
Stddev	.00020	.081	.00028	.0057	.18298
%RSD	.08068	1.267	.03558	.10685	15.071

#1	.24675	6.365	.78078	5.3538	-1.0847
#2	.24647	6.480	.78117	5.3619	-1.3435

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.0	46854.	3909.2	56.168	3631.9
Stddev	3.9	21.	16.6	.653	29.9
%RSD	.10700	.04540	.42572	1.1633	.82361

#1	3611.8	46839.	3920.9	56.630	3653.0
#2	3606.3	46869.	3897.4	55.706	3610.7

Sample Name: CCV09 Acquired: 11/29/2018 19:09:17 Type: Unk
Method: P4-ICP2(v2617) 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	4.8423	4.9555	4.9276	5.0065	5.1926	10.387	10.263	.25521
Stddev	.0179	.0312	.0328	.0066	.0102	.009	.163	.00033
%RSD	.37032	.63031	.66544	.13272	.19684	.09131	1.5890	.13104
#1	4.8297	4.9334	4.9045	5.0018	5.1853	10.393	10.379	.25544
#2	4.8550	4.9776	4.9508	5.0112	5.1998	10.380	10.148	.25497
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4716	25.907	1.0446	2.5078	1.2663	4.8166	2.5860	23.744
Stddev	.0138	.338	.0008	.0121	.0053	.1589	.0009	.277
%RSD	.56021	1.3055	.07944	.48290	.42020	3.2982	.03538	1.1670
#1	2.4619	26.146	1.0440	2.4992	1.2625	4.9289	2.5867	23.940
#2	2.4814	25.668	1.0452	2.5163	1.2700	4.7042	2.5854	23.548
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4404	1.2231	25.284	2.4521	2.6118	24.419	4.9557	4.7471
Stddev	.0114	.0030	.403	.0013	.1019	.347	.0204	.0517
%RSD	.46779	.24588	1.5945	.05253	3.9032	1.4194	.41093	1.0892
#1	2.4323	1.2210	25.569	2.4530	2.6839	24.664	4.9413	4.7837
#2	2.4485	1.2252	24.999	2.4512	2.5397	24.174	4.9701	4.7105
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9629	4.8793	4.7955	4.9787	5.0809	4.925	5.2864	4.7494
Stddev	.0298	.0865	.0236	.0609	.0847	.023	.0874	.1652
%RSD	.60049	1.7722	.49159	1.2234	1.6669	.4619	1.6537	3.4781
#1	4.9419	4.9404	4.7788	5.0217	5.1408	4.908	5.3482	4.8662
#2	4.9840	4.8181	4.8122	4.9356	5.0210	4.941	5.2246	4.6326

Sample Name: CCV09 Acquired: 11/29/2018 19:09:17 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5414
Stddev .1311
%RSD 5.1581

#1 2.4487
#2 2.6341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3823.6	49424.	4059.8	57.945	3793.0
Stddev	14.1	81.	65.3	2.208	21.6
%RSD	.37003	.16354	1.6096	3.8098	.56842

#1	3833.6	49367.	4013.6	56.384	3808.2
#2	3813.6	49481.	4106.0	59.506	3777.7

Sample Name: CCB09 Acquired: 11/29/2018 19:13:02 Type: Unk
Method: P4-ICP2(v2617) 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	.00148	.00127	-.00068	-.00089	.00085	.01276	.00139	-.00006
Stddev	.00119	.00010	.00051	.00164	.00150	.00000	.00028	.00002
%RSD	79.832	7.9340	75.522	185.09	176.13	.03303	20.413	27.463
#1	.00232	.00134	-.00104	-.00205	.00191	.01276	.00119	-.00005
#2	.00065	.00120	-.00032	.00027	-.00021	.01276	.00159	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.01249	.00012	-.00034	-.00017	-.00631	.00012	-.07637
Stddev	.00004	.00736	.00005	.00016	.00008	.02159	.00000	.00149
%RSD	34.408	58.888	38.065	46.012	45.089	342.29	1.8579	1.9482
#1	.00014	.00729	.00009	-.00023	-.00023	-.02158	.00012	-.07532
#2	.00009	.01769	.00015	-.00046	-.00012	.00896	.00013	-.07742
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	.00017	.14318	-.00042	-.00090	.08838	.00031	-.00432
Stddev	.00010	.00026	.00809	.00026	.00000	.01030	.00070	.00598
%RSD	17.593	154.29	5.6477	60.587	.42092	11.652	229.07	138.48
#1	-.00063	-.00002	.13746	-.00061	-.00090	.08110	.00080	-.00009
#2	-.00049	.00035	.14890	-.00024	-.00089	.09566	-.00019	-.00854
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00345	-.00045	.00245	.00402	.0008	.00003	F 3.4602
Stddev	.00260	.00273	.00011	.00243	.00105	.0009	.00004	.1705
%RSD	2026.6	79.019	23.552	99.026	26.031	117.3	136.07	4.9270
#1	-.00171	.00538	-.00037	.00074	.00328	.0001	.00000	3.3396
#2	.00197	.00152	-.00052	.00417	.00476	.0014	.00006	3.5807

Sample Name: CCB09 Acquired: 11/29/2018 19:13:02 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .74510
Stddev .70802
%RSD 95.023

#1 .24446
#2 1.2457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3976.0	52155.	4030.9	59.311	4413.6
Stddev	2.5	277.	2.2	1.006	9.9
%RSD	.06320	.53056	.05526	1.6962	.22541

#1	3974.3	51960.	4029.4	58.600	4406.6
#2	3977.8	52351.	4032.5	60.023	4420.6

Sample Name: J6074-02MSD Acquired: 11/29/2018 19:17:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84147	1.9129	.98623	2.1619	.90069	2.2658	.41773
Stddev	.00296	.0034	.00053	.0022	.00119	.0089	.00100
%RSD	.35176	.17959	.05407	.10245	.13260	.39181	.23889

#1	.83938	1.9153	.98661	2.1603	.90153	2.2720	.41844
#2	.84356	1.9105	.98585	2.1634	.89984	2.2595	.41703

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22382	.20281	188.97	.45431	.21375	.32476	3.1624
Stddev	.00034	.00052	.38	.00105	.00046	.00176	.0480
%RSD	.15279	.25403	.20179	.23057	.21353	.54112	1.5167

#1	.22358	.20245	189.24	.45357	.21343	.32352	3.1285
#2	.22406	.20317	188.70	.45505	.21407	.32600	3.1963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93521	4.5940	.51482	.07588	333.80	.33049	.29956
Stddev	.00165	.0009	.00031	.00018	.47	.00077	.00581
%RSD	.17635	.01893	.06010	.24014	.14172	.23242	1.9390

#1	.93404	4.5947	.51460	.07601	334.13	.33103	.29545
#2	.93637	4.5934	.51503	.07575	333.46	.32994	.30366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.722	.45821	.35026	3.0655	5.1570	.70789	.22144
Stddev	.043	.00092	.01017	.0164	.0026	.00097	.00217
%RSD	.31100	.20005	2.9041	.53535	.05089	.13711	.97989

#1	13.752	.45757	.35745	3.0539	5.1552	.70721	.21991
#2	13.692	.45886	.34306	3.0771	5.1589	.70858	.22298

Sample Name: J6074-02MSD Acquired: 11/29/2018 19:17:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WC-NY5MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24912	6.437	.79198	5.8095	F<.00000
Stddev	.00011	.004	.00067	.1020	.65530
%RSD	.04267	.0600	.08416	1.7561	50.423

#1	.24905	6.434	.79245	5.7374	-1.7630
#2	.24920	6.439	.79151	5.8817	-.83623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.0	46559.	3856.2	54.970	3639.4
Stddev	7.5	90.	6.2	.957	9.5
%RSD	.20933	.19383	.15979	1.7407	.26171

#1	3598.6	46623.	3851.8	55.647	3632.6
#2	3609.3	46495.	3860.5	54.293	3646.1

Sample Name: J6074-02A Acquired: 11/29/2018 19:21:03 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7732 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84107	1.9248	.99120	2.1697	.90343	2.2758	.41527	.22371
Stddev	.00182	.0009	.00086	.0046	.00252	.0296	.00016	.00076
%RSD	.21680	.04677	.08654	.21264	.27855	1.2997	.03901	.33799
#1	.83978	1.9254	.99181	2.1729	.90521	2.2548	.41539	.22318
#2	.84236	1.9242	.99060	2.1664	.90165	2.2967	.41516	.22425
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20386	188.76	.45661	.21469	.32630	3.0389	.93727	4.5965
Stddev	.00083	.72	.00026	.00006	.00024	.0326	.00208	.0133
%RSD	.40573	.38273	.05593	.02812	.07454	1.0720	.22237	.29022
#1	.20444	188.25	.45679	.21464	.32647	3.0619	.93580	4.6059
#2	.20327	189.27	.45643	.21473	.32612	3.0158	.93875	4.5870
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51586	.07595	333.80	.33060	.29188	13.650	.45840	.34484
Stddev	.00046	.00030	1.89	.00106	.00332	.072	.00177	.00085
%RSD	.08895	.39292	.56548	.32118	1.1374	.52795	.38574	.24661
#1	.51618	.07574	335.13	.33135	.29422	13.599	.45965	.34544
#2	.51553	.07617	332.46	.32985	.28953	13.701	.45715	.34424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0627	5.1000	.71307	.22052	.25092	6.463	.79070	5.6830
Stddev	.0097	.0314	.00226	.00135	.00004	.004	.00093	.0445
%RSD	.31564	.61613	.31754	.61375	.01420	.0688	.11746	.78303
#1	3.0695	5.1223	.71147	.21956	.25094	6.459	.79004	5.7145
#2	3.0558	5.0778	.71467	.22148	.25089	6.466	.79136	5.6515

Sample Name: J6074-02A Acquired: 11/29/2018 19:21:03 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7732 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.16601
%RSD	18.390

#1	-.78531
#2	-1.0201

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.7	46422.	3877.8	56.593	3641.3
Stddev	15.6	42.	10.2	.694	14.3
%RSD	.43156	.08988	.26373	1.2255	.39242

#1	3596.7	46452.	3870.5	56.103	3631.2
#2	3618.7	46393.	3885.0	57.084	3651.4

Sample Name: J6083-02 Acquired: 11/29/2018 19:24:58 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-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	-.00048	-.00152	.00154	.00443	.00051	.13397	.17868	.00016
Stddev	.00210	.00115	.00136	.00094	.00074	.00220	.00078	.00005
%RSD	439.28	75.960	88.065	21.317	144.00	1.6388	.43438	28.418

#1	.00101	-.00233	.00250	.00376	.00103	.13552	.17923	.00013
#2	-.00197	-.00070	.00058	.00510	-.00001	.13241	.17813	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	11.859	.00103	.00023	.00884	.05228	.01994	2.0212
Stddev	.00011	.096	.00007	.00001	.00039	.00445	.00099	.0245
%RSD	3755.1	.81186	7.0362	4.8590	4.3639	8.5066	4.9750	1.2120

#1	-.00008	11.791	.00098	.00022	.00857	.05543	.01924	2.0039
#2	.00007	11.927	.00108	.00024	.00911	.04914	.02065	2.0385

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	-.00002	350.97	-.00018	.02478	.79533	.00015	.00958
Stddev	.00019	.00002	4.49	.00000	.00133	.01016	.00001	.01027
%RSD	13.408	142.92	1.2779	2.3135	5.3699	1.2768	8.0278	107.22

#1	.00129	-.00003	347.80	-.00018	.02572	.80251	.00016	.01684
#2	.00156	.00000	354.15	-.00018	.02384	.78815	.00015	.00232

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52375	1.1394	-.00012	.00244	.01208	.0058	.06822	4.6651
Stddev	.00023	.0196	.00050	.00288	.00188	.0001	.00052	.4419
%RSD	.04468	1.7206	403.82	117.96	15.593	.8886	.75712	9.4729

#1	.52358	1.1256	-.00048	.00040	.01075	.0058	.06786	4.3526
#2	.52391	1.1533	.00023	.00448	.01342	.0059	.06859	4.9776

Sample Name: J6083-02 Acquired: 11/29/2018 19:24:58 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .47390
 Stddev .22219
 %RSD 46.885

#1 .31679
 #2 .63101

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.4	48667.	3994.6	56.773	3785.3
Stddev	5.0	1581.	31.1	3.015	26.0
%RSD	.13267	3.2491	.77782	5.3104	.68683

#1	3732.9	49785.	4016.6	54.641	3766.9
#2	3739.9	47549.	3972.7	58.905	3803.7

Sample Name: J6083-04 Acquired: 11/29/2018 19:29:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-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	-.00067	-.00259	.00249	.00526	-.00148	.15849	.16152	.00035
Stddev	.00254	.00110	.00109	.00179	.00126	.00392	.00051	.00005
%RSD	378.94	42.546	43.829	34.117	84.989	2.4764	.31781	14.737

#1	-.00246	-.00337	.00172	.00652	-.00059	.16127	.16188	.00039
#2	.00112	-.00181	.00326	.00399	-.00237	.15572	.16115	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	33.737	.00260	.00061	.00521	.01459	.06660	3.3765
Stddev	.00002	.211	.00015	.00013	.00006	.01298	.00042	.0520
%RSD	73.129	.62425	5.6474	21.900	1.1089	88.952	.63346	1.5397

#1	-.00001	33.588	.00250	.00071	.00517	.00541	.06690	3.3397
#2	-.00003	33.886	.00271	.00052	.00525	.02377	.06630	3.4133

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	-.00046	327.41	-.00051	.03125	.73817	-.00010	.00327
Stddev	.00049	.00018	4.97	.00030	.00009	.02251	.00001	.00792
%RSD	17.695	38.546	1.5189	57.946	.29148	3.0495	13.666	242.35

#1	.00314	-.00034	323.90	-.00030	.03118	.75409	-.00011	.00887
#2	.00244	-.00059	330.93	-.00072	.03131	.72226	-.00009	-.00233

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1772	3.3891	-.00004	.00047	.01317	.0058	.17123	4.4998
Stddev	.0095	.0298	.00104	.00019	.00117	.0001	.00027	.1325
%RSD	.80733	.88003	2759.5	41.074	8.9070	1.319	.15602	2.9442

#1	1.1704	3.3680	-.00077	.00033	.01234	.0058	.17142	4.4061
#2	1.1839	3.4101	.00070	.00060	.01400	.0057	.17104	4.5935

Sample Name: J6083-04 Acquired: 11/29/2018 19:29:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .86525
%RSD 511.21

#1 .44257
#2 -.78108

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.5	48949.	4054.9	56.733	3820.0
Stddev	13.0	76.	35.0	.008	8.8
%RSD	.34102	.15496	.86360	.01416	.23095

#1	3830.7	49002.	4079.6	56.739	3826.2
#2	3812.3	48895.	4030.1	56.727	3813.7

Sample Name: J6083-06 Acquired: 11/29/2018 19:33:17 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: WC-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	.00097	-.00212	.00514	.00182	-.00121	.11583	.18790	.00004
Stddev	.00303	.00012	.00039	.00122	.00027	.00964	.00084	.00001
%RSD	311.76	5.5897	7.5936	67.171	21.961	8.3266	.44931	14.448

#1	.00311	-.00204	.00542	.00095	-.00140	.12265	.18849	.00004
#2	-.00117	-.00221	.00486	.00268	-.00102	.10901	.18730	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	40.505	.00100	.00058	.00594	.01926	.21574	2.8523
Stddev	.00002	.001	.00008	.00011	.00034	.00551	.00138	.0880
%RSD	15.584	.00207	7.8606	18.702	5.7621	28.613	.64145	3.0835

#1	.00012	40.504	.00106	.00065	.00570	.01536	.21672	2.7901
#2	.00009	40.505	.00095	.00050	.00618	.02315	.21476	2.9144

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	.00007	371.82	.00032	.02742	1.3259	-.00010	.01215
Stddev	.00036	.00013	.00	.00039	.00025	.0084	.00020	.00506
%RSD	32.842	185.28	.00100	122.26	.90372	.63384	202.73	41.622

#1	.00083	-.00002	371.82	.00060	.02724	1.3200	.00004	.00858
#2	.00134	.00017	371.82	.00004	.02759	1.3318	-.00024	.01573

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71111	2.5611	.00011	.00481	.01378	.0063	.18709	5.3318
Stddev	.00722	.0203	.00039	.00260	.00160	.0025	.00011	.0416
%RSD	1.0157	.79186	343.14	54.096	11.601	40.25	.05614	.77998

#1	.70601	2.5468	-.00016	.00666	.01265	.0045	.18701	5.3612
#2	.71622	2.5755	.00039	.00297	.01491	.0081	.18716	5.3024

Sample Name: J6083-06 Acquired: 11/29/2018 19:33:17 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: WC-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .39849
 Stddev .12311
 %RSD 30.895

#1 .31143
 #2 .48554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3713.8	47084.	3966.9	56.010	3754.2
Stddev	.4	171.	18.8	.166	8.0
%RSD	.01040	.36415	.47294	.29553	.21183

#1	3713.5	46962.	3980.1	56.127	3748.6
#2	3714.1	47205.	3953.6	55.893	3759.8

Sample Name: J6085-03 Acquired: 11/29/2018 19:37:26 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	-.00247	.00256	.00358	.00053	.16485	.06921	-.00010
Stddev	.00220	.00075	.00130	.00223	.00195	.00657	.00024	.00004
%RSD	347.88	30.330	50.848	62.263	368.39	3.9874	.34346	38.590

#1	.00092	-.00301	.00348	.00516	-.00085	.16020	.06904	-.00013
#2	-.00219	-.00194	.00164	.00201	.00191	.16950	.06938	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	1.9250	.00141	.00146	.00616	.30201	.04579	.04564
Stddev	.00001	.0294	.00083	.00001	.00056	.01266	.00027	.04834
%RSD	1.9016	1.5258	58.335	.68590	9.0784	4.1926	.59734	105.91

#1	.00049	1.9042	.00083	.00147	.00655	.29306	.04598	.01146
#2	.00047	1.9458	.00200	.00146	.00576	.31096	.04560	.07982

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00421	.00013	331.08	-.00005	.07774	1.2431	-.00004	.00585
Stddev	.00019	.00063	2.81	.00040	.00112	.0149	.00012	.00053
%RSD	4.5300	478.39	.84980	877.12	1.4408	1.1968	341.49	8.9974

#1	.00434	-.00031	329.09	-.00033	.07854	1.2326	.00005	.00622
#2	.00407	.00057	333.07	.00024	.07695	1.2537	-.00012	.00548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32799	.19807	-.00036	.00214	.01080	.0030	.00402	4.7546
Stddev	.00642	.00041	.00016	.00056	.00341	.0017	.00004	.0599
%RSD	1.9570	.20812	45.674	25.995	31.604	58.33	1.1145	1.2589

#1	.33253	.19837	-.00048	.00254	.00838	.0018	.00399	4.7123
#2	.32345	.19778	-.00024	.00175	.01321	.0042	.00405	4.7969

Sample Name: J6085-03 Acquired: 11/29/2018 19:37:26 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NS-OILY-STON Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.43712
Stddev	.55756
%RSD	127.55

#1	.83138
#2	.04287

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3759.8	48143.	3987.5	56.492	3832.0
Stddev	9.8	113.	7.9	.975	.1
%RSD	.26007	.23536	.19708	1.7268	.00311

#1	3752.9	48063.	3993.1	55.802	3831.9
#2	3766.7	48223.	3981.9	57.182	3832.1

Sample Name: J6124-01 Acquired: 11/29/2018 19:41:35 Type: Unk
Method: P4-ICP2(v2617) 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	-.00045	.00036	-.00012	.00357	-.00069	-.00033	.04571	-.00010
Stddev	.00181	.00042	.00029	.00188	.00112	.00659	.00087	.00001
%RSD	399.27	118.11	234.43	52.557	161.28	1971.5	1.9013	14.249

#1	.00083	.00065	.00008	.00490	-.00149	.00432	.04509	-.00009
#2	-.00174	.00006	-.00033	.00224	.00010	-.00499	.04632	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	13.300	.00234	-.00025	.00064	.00004	.01130	1.9864
Stddev	.00001	.000	.00011	.00006	.00001	.00904	.00001	.0493
%RSD	27.831	.00337	4.7286	22.601	1.9373	23466.	.08626	2.4826

#1	.00003	13.300	.00242	-.00029	.00063	.00643	.01131	1.9516
#2	.00002	13.299	.00226	-.00021	.00065	-.00635	.01129	2.0213

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00035	9.8643	.00032	.00349	1.2844	.00644	.02152
Stddev	.00032	.00021	.0746	.00014	.00009	.0475	.00005	.00085
%RSD	309.00	59.486	.75649	44.483	2.5103	3.6996	.80623	3.9342

#1	.00033	-.00020	9.9170	.00043	.00355	1.3180	.00648	.02212
#2	-.00012	-.00050	9.8115	.00022	.00343	1.2508	.00640	.02092

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9072	1.6886	-.00117	.00165	.00423	.0046	.05076	3.2087
Stddev	.0013	.0161	.00049	.00010	.00142	.0003	.00019	.4342
%RSD	.04443	.95095	41.593	6.2459	33.492	7.000	.37807	13.531

#1	2.9081	1.7000	-.00082	.00173	.00523	.0043	.05089	3.5157
#2	2.9062	1.6772	-.00151	.00158	.00323	.0048	.05062	2.9017

Sample Name: J6124-01 Acquired: 11/29/2018 19:41:35 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .02648
Stddev .82313
%RSD 3108.0

#1 .60852
#2 -.55556

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4021.5	52931.	4066.8	59.514	4408.6
Stddev	7.1	493.	36.0	1.287	4.1
%RSD	.17647	.93208	.88461	2.1619	.09335

#1	4026.6	52583.	4041.3	58.605	4405.7
#2	4016.5	53280.	4092.2	60.424	4411.5

Sample Name: J6124-01DUP Acquired: 11/29/2018 19:45:38 Type: Unk
Method: P4-ICP2(v2617) 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	-.00166	-.00005	-.00106	.00139	.00092	.00749	.04728	-.00014
Stddev	.00249	.00054	.00130	.00274	.00082	.00658	.00047	.00003
%RSD	149.70	1007.1	122.48	197.59	89.137	87.808	1.0029	23.501

#1	-.00342	-.00044	-.00199	-.00055	.00150	.01214	.04694	-.00017
#2	.00010	.00033	-.00014	.00333	.00034	.00284	.04761	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	13.572	.00300	-.00025	.00055	.00998	.01143	2.1160
Stddev	.00000	.137	.00023	.00003	.00015	.00663	.00010	.0351
%RSD	9.9739	1.0060	7.5625	12.080	26.773	66.443	.91184	1.6577

#1	-.00004	13.476	.00284	-.00023	.00044	.01467	.01150	2.1408
#2	-.00005	13.669	.00316	-.00027	.00065	.00529	.01136	2.0912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00045	9.9169	.00038	.00414	1.2747	.00641	.01634
Stddev	.00020	.00026	.0199	.00018	.00006	.0381	.00011	.00232
%RSD	265.64	58.154	.20122	46.933	1.3667	2.9906	1.6803	14.193

#1	-.00007	-.00063	9.9310	.00051	.00418	1.3017	.00634	.01797
#2	.00022	-.00026	9.9028	.00025	.00410	1.2477	.00649	.01470

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9431	1.7152	-.00119	.00278	.00262	.0042	.05193	3.0127
Stddev	.0106	.0144	.00015	.00090	.00152	.0003	.00011	.1256
%RSD	.35834	.83980	12.450	32.395	58.042	7.989	.21568	4.1695

#1	2.9356	1.7254	-.00129	.00215	.00369	.0045	.05186	3.1016
#2	2.9506	1.7050	-.00108	.00342	.00154	.0040	.05201	2.9239

Sample Name: J6124-01DUP Acquired: 11/29/2018 19:45:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.33694
Stddev	.14202
%RSD	42.149

#1	.43736
#2	.23652

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.7	52823.	4063.0	59.125	4371.6
Stddev	11.2	66.	22.0	.194	13.6
%RSD	.27988	.12544	.54148	.32820	.31061

#1	3997.7	52777.	4047.4	59.263	4361.9
#2	4013.6	52870.	4078.6	58.988	4381.2

Sample Name: J6124-01LX5 Acquired: 11/29/2018 19:49:41 Type: Unk
Method: P4-ICP2(v2617) 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	-.00045	.00094	-.00173	.00066	.00183	.00722	.00947	-.00004
Stddev	.00049	.00017	.00005	.00144	.00115	.00505	.00116	.00000
%RSD	107.75	17.544	2.8689	219.21	62.453	69.968	12.298	6.5939

#1	-.00080	.00082	-.00169	.00167	.00102	.01080	.00864	-.00004
#2	-.00011	.00106	-.00176	-.00036	.00264	.00365	.01029	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	2.6938	.00027	-.00012	-.00006	-.00522	.00239	.36419
Stddev	.00001	.0131	.00045	.00014	.00022	.02862	.00004	.05137
%RSD	24.962	.48769	166.75	112.45	347.50	548.71	1.7497	14.106

#1	.00004	2.7031	-.00005	-.00003	.00009	-.02545	.00236	.40051
#2	.00006	2.6845	.00059	-.00022	-.00022	.01502	.00242	.32786

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	-.00026	2.1668	-.00017	-.00001	.31114	.00090	.00500
Stddev	.00007	.00101	.0153	.00004	.00005	.01423	.00014	.01209
%RSD	30.700	393.11	.70499	20.669	981.51	4.5742	15.453	241.87

#1	-.00029	-.00097	2.1776	-.00020	-.00004	.32121	.00099	-.00355
#2	-.00019	.00046	2.1560	-.00015	.00003	.30108	.00080	.01355

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63405	.35522	-.00122	.00276	.00249	.0011	.01058	2.8798
Stddev	.00020	.00368	.00002	.00299	.00077	.0006	.00007	.1338
%RSD	.03193	1.0354	1.9000	108.31	31.017	57.85	.63752	4.6445

#1	.63420	.35782	-.00124	.00065	.00304	.0006	.01053	2.9744
#2	.63391	.35262	-.00120	.00488	.00195	.0015	.01062	2.7852

Sample Name: J6124-01LX5 Acquired: 11/29/2018 19:49:41 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.58934
Stddev	.05564
%RSD	9.4416

#1	.55000
#2	.62869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4050.7	53068.	4100.7	60.665	4456.7
Stddev	9.7	376.	20.3	.972	7.2
%RSD	.24022	.70888	.49426	1.6027	.16071

#1	4043.8	52802.	4086.4	61.352	4451.6
#2	4057.6	53334.	4115.1	59.977	4461.7

Sample Name: J6124-01MS Acquired: 11/29/2018 19:53:47 Type: Unk
Method: P4-ICP2(v2617) 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	.77168	1.9202	.94890	1.9278	.83036	2.0929	.27269
Stddev	.00375	.0053	.00220	.0033	.00398	.0015	.00027
%RSD	.48542	.27474	.23150	.16947	.47920	.07307	.09783

#1	.76903	1.9164	.94734	1.9255	.82754	2.0939	.27250
#2	.77433	1.9239	.95045	1.9301	.83317	2.0918	.27288

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19775	.18774	15.507	.46615	.19994	.32043	3.2025
Stddev	.00010	.00081	.043	.00050	.00116	.00220	.0577
%RSD	.05181	.43139	.27762	.10652	.57841	.68783	1.8026

#1	.19768	.18716	15.538	.46580	.19912	.31887	3.1617
#2	.19782	.18831	15.477	.46650	.20076	.32199	3.2434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23136	4.2434	.49110	.06996	13.509	.31278	.21221
Stddev	.00004	.1208	.00158	.00014	.014	.00217	.00329
%RSD	.01629	2.8470	.32139	.20457	.10316	.69409	1.5510

#1	.23134	4.1580	.48998	.07006	13.518	.31432	.20989
#2	.23139	4.3289	.49222	.06986	13.499	.31125	.21454

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.907	.44801	.32040	3.1325	2.7946	.66220	.21292
Stddev	.057	.00057	.01579	.0008	.0391	.00177	.00203
%RSD	.47918	.12688	4.9268	.02660	1.4010	.26728	.95126

#1	11.867	.44761	.33156	3.1319	2.8223	.66094	.21149
#2	11.948	.44841	.30923	3.1331	2.7670	.66345	.21435

Sample Name: J6124-01MS Acquired: 11/29/2018 19:53:47 Type: Unk
 Method: P4-ICP2(v2617) 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	.22656	5.440	.28139	3.3824	F<.00000
Stddev	.00024	.005	.00089	.0881	.06496
%RSD	.10627	.0978	.31724	2.6054	5.3277

#1	.22673	5.436	.28202	3.3201	-1.2653
#2	.22639	5.444	.28076	3.4447	-1.1734

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.3	51906.	4020.4	58.979	4234.5
Stddev	15.4	209.	20.0	.342	15.6
%RSD	.38839	.40346	.49681	.57976	.36747

#1	3947.4	51758.	4006.3	59.221	4223.5
#2	3969.1	52054.	4034.5	58.737	4245.5

Sample Name: CCV10 Acquired: 11/29/2018 19:57:37 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 003-WC-NY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8637	4.9553	4.9194	4.9783	5.1242	10.276	10.287	.25196
Stddev	.0183	.0098	.0099	.0082	.0047	.061	.005	.00060
%RSD	.37546	.19724	.20111	.16509	.09243	.59644	.04531	.23652
#1	4.8766	4.9622	4.9264	4.9841	5.1276	10.232	10.290	.25154
#2	4.8508	4.9484	4.9124	4.9725	5.1209	10.319	10.283	.25238
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4688	26.031	1.0454	2.4947	1.2607	4.9516	2.5628	23.880
Stddev	.0072	.115	.0075	.0035	.0042	.0881	.0099	.039
%RSD	.29335	.44206	.71425	.14145	.33137	1.7782	.38606	.16245
#1	2.4739	26.112	1.0402	2.4972	1.2636	5.0139	2.5558	23.908
#2	2.4637	25.949	1.0507	2.4922	1.2577	4.8894	2.5698	23.853
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4447	1.2136	25.579	2.4561	2.6827	24.916	4.9648	4.7919
Stddev	.0083	.0004	.002	.0057	.0483	.062	.0084	.0285
%RSD	.34070	.03481	.00694	.23320	1.8001	.24713	.16850	.59475
#1	2.4506	1.2139	25.578	2.4521	2.7169	24.872	4.9707	4.8120
#2	2.4388	1.2133	25.580	2.4602	2.6486	24.959	4.9589	4.7717
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9806	4.9707	4.8301	4.9880	5.0866	4.931	5.3031	4.6812
Stddev	.0107	.0013	.0057	.0032	.0048	.016	.0136	.2015
%RSD	.21379	.02666	.11882	.06386	.09383	.3305	.25719	4.3042
#1	4.9881	4.9717	4.8342	4.9858	5.0900	4.942	5.3128	4.5387
#2	4.9731	4.9698	4.8261	4.9903	5.0833	4.919	5.2935	4.8237

Sample Name: CCV10 Acquired: 11/29/2018 19:57:37 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 003-WC-NY2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0471
Stddev	.8600
%RSD	28.223

#1	2.4390
#2	3.6552

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3883.2	49834.	4029.7	56.393	3830.0
Stddev	1.7	195.	12.3	.915	5.2
%RSD	.04315	.39104	.30623	1.6234	.13594

#1	3882.0	49972.	4021.0	55.745	3826.3
#2	3884.3	49697.	4038.4	57.040	3833.6

Sample Name: CCB10 Acquired: 11/29/2018 20:01:23 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 004-WC-NY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	.00097	-.00055	.00221	.00068	.00661	.00177	-.00004
Stddev	.00211	.00021	.00017	.00226	.00201	.00968	.00072	.00002
%RSD	154.50	21.907	30.757	102.34	297.08	146.49	40.846	52.445
#1	.00286	.00082	-.00067	.00061	-.00074	-.00024	.00228	-.00003
#2	-.00013	.00113	-.00043	.00380	.00209	.01345	.00126	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00999	.00014	-.00023	-.00049	-.02069	.00013	-.04553
Stddev	.00010	.02094	.00029	.00002	.00034	.00495	.00001	.02469
%RSD	158.74	209.52	207.95	7.7400	70.169	23.904	8.5385	54.215
#1	.00013	.02480	-.00007	-.00022	-.00025	-.01719	.00012	-.02808
#2	-.00001	-.00481	.00035	-.00024	-.00073	-.02419	.00013	-.06299
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00013	.09183	-.00008	-.00080	.06784	.00031	-.00611
Stddev	.00011	.00027	.00269	.00012	.00005	.00784	.00008	.01872
%RSD	781.37	214.84	2.9332	157.62	6.5186	11.563	25.229	306.25
#1	-.00009	-.00032	.08993	-.00017	-.00084	.07339	.00036	.00713
#2	.00006	.00006	.09374	.00001	-.00077	.06230	.00025	-.01935
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00080	.00009	.00314	.00344	.0001	.00011	F 3.0007
Stddev	.00200	.00055	.00061	.00244	.00004	.0000	.00007	.0443
%RSD	610.80	68.592	657.26	77.669	1.2743	32.07	61.967	1.4761
#1	-.00174	.00041	.00052	.00141	.00347	.0001	.00006	3.0320
#2	.00109	.00119	-.00034	.00486	.00341	.0001	.00016	2.9694

Sample Name: CCB10 Acquired: 11/29/2018 20:01:23 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 004-WC-NY4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .49427
Stddev	.02804
%RSD	5.6733

#1	.51410
#2	.47444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.5	52848.	4050.0	58.782	4466.6
Stddev	10.2	71.	1.6	.186	2.7
%RSD	.25290	.13370	.03960	.31714	.06027

#1	4027.3	52798.	4051.1	58.914	4464.7
#2	4041.8	52898.	4048.8	58.650	4468.5

Sample Name: J6124-01MSD Acquired: 11/29/2018 20:05:28 Type: Unk
Method: P4-ICP2(v2617) 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	.76869	1.9157	.94756	1.9216	.83065	2.0548	.27297
Stddev	.00331	.0220	.01022	.0139	.00475	.0253	.00145
%RSD	.43032	1.1466	1.0781	.72327	.57216	1.2309	.53020

#1	.76635	1.9002	.94034	1.9118	.82729	2.0369	.27195
#2	.77103	1.9312	.95478	1.9315	.83401	2.0726	.27400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19829	.18702	15.472	.46327	.20013	.32085	3.1814
Stddev	.00015	.00189	.032	.00166	.00221	.00256	.0007
%RSD	.07473	1.0110	.20747	.35761	1.1041	.79734	.02088

#1	.19839	.18568	15.495	.46444	.19857	.31904	3.1818
#2	.19818	.18836	15.450	.46210	.20170	.32266	3.1809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23126	4.3181	.49195	.07060	13.516	.31535	.21087
Stddev	.00062	.0172	.00564	.00091	.080	.00060	.00388
%RSD	.26667	.39776	1.1460	1.2854	.59234	.19113	1.8398

#1	.23170	4.3303	.48797	.07124	13.573	.31577	.21361
#2	.23083	4.3060	.49594	.06996	13.459	.31492	.20812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.884	.44788	.32934	3.1228	2.7965	.66261	.21940
Stddev	.017	.00351	.00888	.0279	.0231	.00694	.00251
%RSD	.14409	.78426	2.6970	.89490	.82727	1.0466	1.1455

#1	11.872	.44539	.32306	3.1030	2.8129	.65771	.22118
#2	11.896	.45036	.33562	3.1426	2.7802	.66752	.21763

Sample Name: J6124-01MSD Acquired: 11/29/2018 20:05:28 Type: Unk
 Method: P4-ICP2(v2617) 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	.22387	5.425	.27912	3.3496	F<.00000
Stddev	.00128	.066	.00025	.2539	.17911
%RSD	.57283	1.220	.09069	7.5800	13.539

#1	.22296	5.378	.27930	3.5292	-1.4496
#2	.22477	5.472	.27895	3.1701	-1.1963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3954.6	51769.	4001.0	59.170	4230.7
Stddev	3.0	204.	42.8	1.341	17.5
%RSD	.07678	.39343	1.0706	2.2667	.41282

#1	3956.7	51625.	3970.7	58.222	4243.0
#2	3952.4	51913.	4031.3	60.119	4218.3

Sample Name: J6124-01A Acquired: 11/29/2018 20:09:18 Type: Unk
Method: P4-ICP2(v2617) 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	.77020	1.9205	.95038	1.9247	.82909	2.0770	.27330
Stddev	.00705	.0105	.00431	.0008	.00447	.0147	.00074
%RSD	.91504	.54494	.45338	.04097	.53910	.70822	.26899

#1	.77518	1.9279	.95342	1.9253	.83225	2.0666	.27278
#2	.76521	1.9131	.94733	1.9241	.82593	2.0874	.27382

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19755	.18722	15.422	.46486	.19991	.32138	3.2028
Stddev	.00036	.00145	.105	.00079	.00027	.00071	.0253
%RSD	.18253	.77695	.68312	.16891	.13295	.22180	.79123

#1	.19730	.18824	15.496	.46430	.20009	.32188	3.1848
#2	.19781	.18619	15.347	.46541	.19972	.32087	3.2207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23125	4.2928	.49123	.07029	13.547	.31561	.21363
Stddev	.00041	.0045	.00267	.00045	.051	.00060	.00472
%RSD	.17863	.10505	.54442	.64620	.37779	.18973	2.2108

#1	.23096	4.2896	.49312	.07061	13.511	.31518	.21697
#2	.23154	4.2959	.48934	.06997	13.583	.31603	.21029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.902	.44912	.31697	3.1367	2.8374	.66405	.21626
Stddev	.010	.00242	.00930	.0078	.0344	.00196	.00025
%RSD	.08019	.53863	2.9355	.25000	1.2125	.29447	.11403

#1	11.895	.45083	.32355	3.1423	2.8617	.66544	.21643
#2	11.909	.44741	.31039	3.1312	2.8131	.66267	.21608

Sample Name: J6124-01A Acquired: 11/29/2018 20:09:18 Type: Unk
Method: P4-ICP2(v2617) 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	.22587	5.442	.27942	3.2441	F<.00000
Stddev	.00086	.033	.00204	.1343	.39658
%RSD	.37994	.6092	.72984	4.1409	32.145

#1	.22648	5.466	.28087	3.3391	-1.5142
#2	.22526	5.419	.27798	3.1491	-.95332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3948.7	51903.	4007.4	58.339	4229.5
Stddev	8.3	42.	43.9	1.164	4.9
%RSD	.21133	.08156	1.0963	1.9959	.11621

#1	3942.8	51873.	3976.4	57.516	4226.0
#2	3954.6	51933.	4038.5	59.162	4232.9

Sample Name: J5767-18 Acquired: 11/29/2018 20:13:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 002-WC-NY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	-.00021	.00821	.00742	-.00001	.16696	.14790	-.00002
Stddev	.00119	.00146	.00051	.00146	.00068	.00673	.00131	.00009
%RSD	182.69	695.63	6.1580	19.722	6452.2	4.0335	.88734	396.16

#1	.00149	-.00124	.00786	.00638	.00047	.16220	.14697	-.00009
#2	-.00019	.00082	.00857	.00845	-.00049	.17172	.14882	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	51.232	.00070	.00404	.00444	.05723	.58193	3.0114
Stddev	.00005	.747	.00072	.00006	.00013	.00884	.00073	.0980
%RSD	14.652	1.4575	102.77	1.4014	2.9409	15.441	.12508	3.2542

#1	.00032	50.704	.00019	.00408	.00453	.06348	.58244	2.9421
#2	.00039	51.760	.00120	.00400	.00435	.05098	.58141	3.0807

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00386	-.00027	311.35	.00015	.05936	1.2516	-.00006	.01054
Stddev	.00023	.00003	5.25	.00022	.00155	.0240	.00004	.00294
%RSD	5.9453	12.331	1.6862	144.99	2.6069	1.9187	66.131	27.919

#1	.00370	-.00024	307.64	-.00000	.06045	1.2347	-.00008	.00846
#2	.00402	-.00029	315.06	.00030	.05826	1.2686	-.00003	.01263

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0233	2.5603	-.00007	.00351	.00578	.0053	.19729	4.8540
Stddev	.0004	.0138	.00002	.00030	.00224	.0007	.00243	.0931
%RSD	.04360	.53722	35.156	8.4647	38.820	12.93	1.2307	1.9182

#1	1.0229	2.5701	-.00005	.00330	.00419	.0058	.19557	4.7882
#2	1.0236	2.5506	-.00008	.00372	.00737	.0048	.19900	4.9199

Sample Name: J5767-18 Acquired: 11/29/2018 20:13:08 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 002-WC-NY6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .30452
 Stddev .34899
 %RSD 114.60

#1 .55129
 #2 .05775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.7	47953.	4007.0	56.775	3751.2
Stddev	5.4	65.	11.3	1.392	9.0
%RSD	.14536	.13544	.28291	2.4513	.23954

#1	3741.8	47999.	4015.0	55.791	3744.9
#2	3749.5	47908.	3999.0	57.759	3757.6

Sample Name: J5767-18DUP Acquired: 11/29/2018 20:17:16 Type: Unk
Method: P4-ICP2(v2617) 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	-.00118	.00909	.00607	-.00117	.14629	.14773	-.00005
Stddev	.00082	.00060	.00069	.00037	.00143	.02423	.00063	.00007
%RSD	153.00	50.998	7.5945	6.0735	122.17	16.565	.42800	121.25

#1	-.00112	-.00076	.00860	.00633	-.00218	.16343	.14729	-.00010
#2	.00004	-.00161	.00957	.00581	-.00016	.12916	.14818	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	51.154	.00086	.00407	.00441	.05936	.57561	2.9976
Stddev	.00000	.080	.00010	.00004	.00051	.00120	.00131	.0050
%RSD	.90606	.15655	11.270	1.0610	11.577	2.0225	.22717	.16808

#1	.00036	51.097	.00092	.00404	.00405	.05851	.57654	2.9941
#2	.00036	51.210	.00079	.00410	.00477	.06021	.57469	3.0012

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00394	.00002	310.56	-.00001	.05789	1.2635	-.00014	.02127
Stddev	.00016	.00019	1.51	.00051	.00029	.0057	.00002	.00596
%RSD	4.0801	972.25	.48610	4008.4	.50116	.45338	17.093	27.999

#1	.00383	-.00011	311.63	.00035	.05769	1.2675	-.00016	.01706
#2	.00406	.00015	309.49	-.00037	.05810	1.2594	-.00012	.02549

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0055	2.5520	.00061	.00376	.00846	.0040	.19632	4.7399
Stddev	.0037	.0081	.00014	.00398	.00079	.0015	.00042	.0537
%RSD	.36906	.31913	22.377	105.89	9.3092	38.52	.21367	1.1327

#1	1.0028	2.5578	.00071	.00095	.00901	.0051	.19602	4.7779
#2	1.0081	2.5463	.00052	.00658	.00790	.0029	.19661	4.7019

Sample Name: J5767-18DUP Acquired: 11/29/2018 20:17:16 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.05896
Stddev	.42976
%RSD	728.93

#1	.36284
#2	-.24493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.8	48215.	4005.0	57.815	3811.9
Stddev	2.2	166.	2.8	.114	7.7
%RSD	.05922	.34362	.06998	.19736	.20322

#1	3782.4	48098.	4003.0	57.895	3817.4
#2	3779.2	48332.	4007.0	57.734	3806.5

Sample Name: J5767-18LX5 Acquired: 11/29/2018 20:21:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00049	.00140	.00180	.00015	.03750	.03153	-.00004
Stddev	.00368	.00042	.00028	.00158	.00016	.00399	.00004	.00003
%RSD	253.14	86.382	19.879	88.006	105.84	10.636	.11848	62.285

#1	-.00115	.00019	.00160	.00291	.00027	.03468	.03156	-.00002
#2	.00405	.00078	.00120	.00068	.00004	.04032	.03151	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	10.526	.00013	.00078	.00105	.00891	.12129	.62874
Stddev	.00003	.021	.00015	.00005	.00002	.00407	.00106	.05597
%RSD	26.047	.19780	112.66	5.9177	2.3636	45.608	.87720	8.9014

#1	.00014	10.511	.00003	.00074	.00103	.01179	.12204	.58917
#2	.00009	10.540	.00023	.00081	.00107	.00604	.12053	.66832

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00020	65.763	-.00003	.01149	.30099	-.00025	-.00614
Stddev	.00055	.00059	.077	.00044	.00017	.00835	.00014	.01364
%RSD	168.04	300.96	.11719	1365.4	1.5174	2.7726	54.917	221.95

#1	.00006	-.00022	65.709	-.00035	.01161	.29509	-.00035	-.01579
#2	-.00072	.00062	65.818	.00028	.01137	.30690	-.00015	.00350

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20660	.55758	.00031	.00232	.00656	-.0005	.04039	3.7838
Stddev	.00569	.00727	.00042	.00035	.00049	.0011	.00025	.0402
%RSD	2.7527	1.3044	135.27	15.119	7.5064	226.0	.60818	1.0634

#1	.21062	.56272	.00001	.00207	.00622	.0003	.04022	3.7554
#2	.20257	.55243	.00060	.00257	.00691	-.0012	.04057	3.8123

Sample Name: J5767-18LX5 Acquired: 11/29/2018 20:21:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.24056
Stddev	.03676
%RSD	15.279

#1	.21457
#2	.26655

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3931.0	50693.	4044.8	59.637	4117.8
Stddev	.3	56.	5.9	.848	7.9
%RSD	.00764	.10987	.14553	1.4213	.19174

#1	3931.2	50732.	4049.0	59.038	4123.3
#2	3930.8	50653.	4040.6	60.237	4112.2

Sample Name: J5767-18MS Acquired: 11/29/2018 20:25:28 Type: Unk
Method: P4-ICP2(v2617) 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	.76570	1.7770	.91928	1.9477	.78458	2.1857	.35751	.20000
Stddev	.00776	.0034	.00433	.0099	.00130	.0127	.00112	.00009
%RSD	1.0134	.18845	.47156	.50776	.16520	.58227	.31218	.04658
#1	.77119	1.7747	.91621	1.9547	.78367	2.1947	.35672	.19994
#2	.76022	1.7794	.92234	1.9407	.78550	2.1767	.35830	.20007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18727	53.158	.41334	.19657	.29922	2.9217	.78920	4.9614
Stddev	.00072	.177	.00060	.00040	.00061	.1563	.00034	.0392
%RSD	.38587	.33384	.14536	.20295	.20271	5.3512	.04329	.79058
#1	.18675	53.284	.41377	.19629	.29965	3.0323	.78896	4.9336
#2	.18778	53.033	.41292	.19686	.29879	2.8112	.78944	4.9891
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47734	.06857	325.95	.30129	.25642	11.354	.41293	.30707
Stddev	.00094	.00020	2.96	.00052	.01171	.025	.00065	.00649
%RSD	.19794	.28710	.90761	.17144	4.5665	.21816	.15636	2.1131
#1	.47667	.06843	323.86	.30166	.26470	11.336	.41338	.31166
#2	.47801	.06871	328.04	.30093	.24814	11.371	.41247	.30248
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0207	3.5470	.64691	.20284	.21630	5.820	.40574	4.8150
Stddev	.0034	.0570	.00124	.00112	.00025	.000	.00026	.1396
%RSD	.32838	1.6061	.19102	.54984	.11529	.0034	.06438	2.8990
#1	1.0230	3.5067	.64603	.20205	.21648	5.820	.40593	4.9137
#2	1.0183	3.5873	.64778	.20363	.21613	5.820	.40556	4.7163

Sample Name: J5767-18MS Acquired: 11/29/2018 20:25:28 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .62777
%RSD 67.194

#1 -1.3782
#2 -.49037

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3757.3	47998.	3928.6	57.169	3752.1
Stddev	16.4	245.	23.9	2.731	3.5
%RSD	.43526	.51050	.60814	4.7766	.09439

#1	3745.7	47824.	3945.5	55.239	3749.6
#2	3768.8	48171.	3911.7	59.100	3754.6

Sample Name: J5767-18MSD Acquired: 11/29/2018 20:29:24 Type: Unk
Method: P4-ICP2(v2617) 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	.76265	1.7688	.91480	1.9317	.77366	2.1859	.35336	.19919
Stddev	.00103	.0040	.00204	.0025	.00287	.0023	.00134	.00012
%RSD	.13444	.22789	.22353	.12831	.37151	.10722	.37892	.06190

#1	.76337	1.7660	.91336	1.9334	.77570	2.1875	.35242	.19928
#2	.76192	1.7717	.91625	1.9299	.77163	2.1842	.35431	.19910

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18669	53.324	.41279	.19617	.29982	2.9750	.78689	4.8916
Stddev	.00013	.427	.00094	.00035	.00197	.0401	.00097	.0375
%RSD	.07170	.80021	.22676	.17611	.65800	1.3474	.12376	.76572

#1	.18679	53.022	.41346	.19641	.30121	3.0034	.78758	4.9181
#2	.18660	53.626	.41213	.19592	.29842	2.9467	.78620	4.8651

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47514	.06816	315.71	.30239	.25753	11.274	.41080	.29373
Stddev	.00004	.00013	4.25	.00117	.00284	.015	.00003	.01405
%RSD	.00935	.19052	1.3447	.38594	1.1026	.13604	.00767	4.7827

#1	.47511	.06825	312.71	.30321	.25953	11.263	.41082	.28379
#2	.47517	.06807	318.71	.30156	.25552	11.285	.41077	.30366

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0170	3.5179	.64785	.19971	.21606	5.785	.40300	4.8901
Stddev	.0058	.0349	.00094	.00076	.00230	.002	.00070	.1867
%RSD	.57306	.99315	.14569	.37867	1.0628	.0261	.17386	3.8177

#1	1.0211	3.4932	.64718	.19918	.21444	5.784	.40250	5.0221
#2	1.0129	3.5426	.64852	.20025	.21768	5.787	.40349	4.7581

Sample Name: J5767-18MSD Acquired: 11/29/2018 20:29:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28526
%RSD 34.023

#1 -1.0401
#2 -.63672

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.5	47948.	3951.6	56.394	3744.5
Stddev	2.0	101.	4.6	.612	.8
%RSD	.05432	.21085	.11680	1.0855	.02152

#1	3751.1	47877.	3954.9	55.961	3745.0
#2	3754.0	48020.	3948.4	56.827	3743.9

Sample Name: J5767-18A Acquired: 11/29/2018 20:33:20 Type: Unk
Method: P4-ICP2(v2617) 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	.76427	1.7761	.91870	1.9458	.78087	2.2106	.35883	.19897
Stddev	.00304	.0064	.00343	.0050	.00411	.0164	.00097	.00269
%RSD	.39821	.36087	.37347	.25639	.52632	.74258	.27143	1.3532

#1	.76642	1.7716	.91627	1.9423	.77796	2.2222	.35814	.19707
#2	.76211	1.7806	.92113	1.9493	.78378	2.1990	.35952	.20088

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18716	53.705	.41542	.19771	.30134	3.0015	.78753	5.0202
Stddev	.00034	.278	.00397	.00009	.00080	.0003	.00825	.1472
%RSD	.18350	.51757	.95517	.04400	.26689	.00890	1.0476	2.9314

#1	.18692	53.508	.41261	.19765	.30077	3.0017	.78169	4.9161
#2	.18741	53.901	.41822	.19777	.30191	3.0013	.79336	5.1242

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47794	.06718	317.95	.30167	.25586	11.414	.41339	.29690
Stddev	.00115	.00170	1.84	.00362	.00139	.030	.00172	.00935
%RSD	.23958	2.5273	.57753	1.2001	.54335	.25941	.41512	3.1496

#1	.47713	.06598	316.65	.29911	.25487	11.393	.41218	.29029
#2	.47875	.06838	319.24	.30423	.25684	11.435	.41461	.30351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0193	3.5817	.65114	.20102	.21842	5.798	.40424	4.9183
Stddev	.0000	.0900	.00138	.00081	.00109	.011	.00035	.1559
%RSD	.00240	2.5136	.21265	.40363	.50115	.1853	.08619	3.1693

#1	1.0193	3.5180	.65016	.20160	.21764	5.791	.40399	5.0285
#2	1.0193	3.6453	.65211	.20045	.21919	5.806	.40449	4.8081

Sample Name: J5767-18A Acquired: 11/29/2018 20:33:20 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.28199
%RSD	40.701

#1	-.49343
#2	-.89222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3726.4	47693.	3914.6	56.894	3726.7
Stddev	4.8	125.	36.4	.062	8.5
%RSD	.12806	.26164	.92977	.10977	.22917

#1	3723.1	47781.	3940.3	56.850	3720.7
#2	3729.8	47605.	3888.8	56.938	3732.8

Sample Name: J5767-20 Acquired: 11/29/2018 20:37:16 Type: Unk
Method: P4-ICP2(v2617) 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	.00014	-.00194	.01297	.00480	-.00257	.19260	.12123	-.00008
Stddev	.00025	.00019	.00192	.00136	.00033	.01074	.00014	.00001
%RSD	173.96	9.9220	14.836	28.377	12.833	5.5775	.11472	14.184

#1	-.00003	-.00208	.01161	.00384	-.00234	.20019	.12113	-.00009
#2	.00032	-.00180	.01433	.00576	-.00281	.18500	.12133	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00052	43.842	.00931	.00504	.00956	.42453	.74772	2.6418
Stddev	.00003	.012	.00012	.00025	.00020	.00037	.00434	.0296
%RSD	6.0174	.02686	1.2785	5.0394	2.1051	.08787	.57999	1.1219

#1	.00050	43.834	.00922	.00486	.00970	.42479	.75078	2.6208
#2	.00054	43.851	.00939	.00522	.00942	.42426	.74465	2.6628

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00827	-.00023	359.64	.00005	.07427	1.4420	-.00020	.00558
Stddev	.00008	.00038	1.76	.00087	.00112	.0126	.00030	.00427
%RSD	.98647	162.59	.48891	1906.0	1.5066	.87195	154.16	76.556

#1	.00832	.00003	358.40	-.00057	.07348	1.4508	-.00041	.00256
#2	.00821	-.00050	360.88	.00066	.07506	1.4331	.00002	.00860

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0921	1.9771	.00021	.00268	.01181	.0063	.17055	4.9933
Stddev	.0018	.0234	.00006	.00235	.00019	.0000	.00022	.1073
%RSD	.16644	1.1844	27.710	87.793	1.6254	.4127	.13132	2.1484

#1	1.0934	1.9937	.00017	.00435	.01167	.0063	.17071	5.0692
#2	1.0908	1.9605	.00025	.00102	.01194	.0063	.17039	4.9175

Sample Name: J5767-20 Acquired: 11/29/2018 20:37:16 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .57037
 Stddev .34975
 %RSD 61.319

#1 .32306
 #2 .81768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.0	47328.	3934.8	56.190	3746.4
Stddev	7.2	444.	18.4	.516	7.4
%RSD	.19250	.93805	.46862	.91808	.19706

#1	3723.0	47014.	3921.8	56.555	3741.2
#2	3712.9	47641.	3947.9	55.825	3751.6

Sample Name: J5767-22 Acquired: 11/29/2018 20:41:24 Type: Unk
Method: P4-ICP2(v2617) 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	-.00072	-.00125	.00732	.00556	.00009	.11621	.10525	-.00004
Stddev	.00363	.00243	.00020	.00152	.00148	.00576	.00096	.00003
%RSD	502.14	194.91	2.7072	27.327	1622.4	4.9544	.90790	63.234

#1	-.00329	-.00296	.00746	.00449	-.00096	.12028	.10457	-.00006
#2	.00185	.00047	.00718	.00664	.00114	.11213	.10593	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	44.965	.00036	.00442	.00635	.22618	1.0192	2.0626
Stddev	.00004	.421	.00061	.00026	.00005	.00098	.0008	.0199
%RSD	44.318	.93598	166.84	5.8102	.84772	.43464	.08143	.96520

#1	.00006	44.667	-.00007	.00460	.00631	.22549	1.0186	2.0767
#2	.00011	45.262	.00079	.00423	.00639	.22688	1.0198	2.0485

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	-.00051	317.49	.00008	.03518	1.2931	-.00030	.01111
Stddev	.00029	.00060	.32	.00008	.00097	.0049	.00004	.00945
%RSD	11.025	117.54	.10113	96.662	2.7696	.38079	12.947	85.029

#1	.00285	-.00094	317.72	.00003	.03587	1.2896	-.00033	.01780
#2	.00244	-.00009	317.26	.00014	.03449	1.2966	-.00027	.00443

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69822	1.0122	.00034	.00177	.01293	.0034	.19292	4.8597
Stddev	.00456	.0150	.00017	.00221	.00080	.0003	.00105	.2718
%RSD	.65257	1.4772	50.963	125.13	6.1658	7.891	.54382	5.5939

#1	.69500	1.0227	.00046	.00333	.01237	.0036	.19217	4.6675
#2	.70144	1.0016	.00022	.00020	.01350	.0032	.19366	5.0519

Sample Name: J5767-22 Acquired: 11/29/2018 20:41:24 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .08922
 Stddev .51130
 %RSD 573.09

#1 .45076
 #2 -.27232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.6	47998.	3983.7	58.039	3784.1
Stddev	5.2	153.	24.1	1.257	14.0
%RSD	.13848	.31795	.60520	2.1653	.37025

#1	3759.9	48106.	3966.6	57.150	3794.0
#2	3767.3	47890.	4000.7	58.927	3774.2

Sample Name: CCV11 Acquired: 11/29/2018 20:45:33 Type: Unk
Method: P4-ICP2(v2617) 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	4.9499	4.9859	4.9446	5.0126	5.1158	10.308	10.343	.25606
Stddev	.0021	.0114	.0081	.0138	.0062	.071	.015	.00258
%RSD	.04234	.22798	.16313	.27587	.12139	.69300	.14788	1.0090

#1	4.9513	4.9939	4.9389	5.0224	5.1202	10.359	10.354	.25789
#2	4.9484	4.9778	4.9503	5.0029	5.1114	10.257	10.332	.25423

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4714	26.152	1.0648	2.4909	1.2725	4.9609	2.6050	24.543
Stddev	.0032	.335	.0142	.0028	.0030	.1445	.0332	.002
%RSD	.12750	1.2800	1.3321	.11197	.23264	2.9135	1.2758	.00701

#1	2.4736	25.915	1.0749	2.4929	1.2746	5.0631	2.6285	24.544
#2	2.4691	26.389	1.0548	2.4889	1.2704	4.8587	2.5815	24.541

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4641	1.2398	26.025	2.5299	2.6770	25.335	5.0372	4.8591
Stddev	.0044	.0158	.032	.0353	.0695	.040	.0039	.0049
%RSD	.17685	1.2776	.12152	1.3946	2.5971	.15685	.07733	.09994

#1	2.4672	1.2510	26.047	2.5548	2.7261	25.363	5.0399	4.8556
#2	2.4611	1.2286	26.002	2.5049	2.6278	25.307	5.0344	4.8625

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0040	5.0994	4.8913	5.0150	5.1428	4.946	5.3053	4.6683
Stddev	.0069	.0021	.0094	.0098	.0010	.008	.0254	.1641
%RSD	.13808	.04159	.19179	.19587	.01901	.1569	.47856	3.5160

#1	5.0089	5.1009	4.8979	5.0080	5.1421	4.951	5.2873	4.7843
#2	4.9991	5.0979	4.8847	5.0219	5.1435	4.940	5.3232	4.5522

Sample Name: CCV11 Acquired: 11/29/2018 20:45:33 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0531
Stddev .1930
%RSD 6.3208

#1 3.1896
#2 2.9167

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.9	49297.	3964.8	56.159	3823.1
Stddev	.3	400.	7.2	1.368	2.5
%RSD	.00783	.81177	.18082	2.4361	.06460

#1	3871.1	49014.	3969.9	55.192	3821.3
#2	3870.6	49580.	3959.8	57.127	3824.8

Sample Name: CCB11 Acquired: 11/29/2018 20:49:19 Type: Unk
Method: P4-ICP2(v2617) 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	.00100	.00174	-.00051	-.00035	.00099	.00011	.00240	-.00007
Stddev	.00126	.00046	.00117	.00243	.00207	.01558	.00083	.00004
%RSD	126.25	26.368	229.69	688.58	209.20	13822.	34.753	59.794
#1	.00189	.00206	.00032	-.00207	.00246	.01113	.00299	-.00004
#2	.00011	.00141	-.00134	.00136	-.00047	-.01090	.00181	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00692	-.00004	-.00025	.00014	-.01799	.00008	-.05430
Stddev	.00002	.00360	.00041	.00015	.00023	.00645	.00002	.01411
%RSD	65.320	52.099	1070.0	58.821	159.52	35.871	27.713	25.993
#1	.00005	-.00437	-.00032	-.00014	.00030	-.02255	.00009	-.06428
#2	.00002	-.00947	.00025	-.00035	-.00002	-.01343	.00006	-.04432
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00062	-.00026	.18253	-.00021	-.00097	.03243	.00013	-.00049
Stddev	.00013	.00012	.01304	.00026	.00006	.00183	.00004	.00927
%RSD	20.776	45.937	7.1432	123.76	6.3865	5.6320	32.794	1905.0
#1	-.00053	-.00034	.17331	-.00003	-.00093	.03372	.00010	.00607
#2	-.00071	-.00017	.19175	-.00040	-.00102	.03114	.00016	-.00704
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00569	.00076	.00051	.00403	.00409	.0005	.00010	F 3.1920
Stddev	.00283	.00146	.00048	.00043	.00103	.0000	.00008	.1021
%RSD	49.614	192.45	94.724	10.649	25.284	2.691	82.613	3.1975
#1	-.00769	-.00027	.00085	.00433	.00336	.0005	.00015	3.1199
#2	-.00370	.00179	.00017	.00372	.00482	.0005	.00004	3.2642

Sample Name: CCB11 Acquired: 11/29/2018 20:49:19 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .10199
Stddev .29377
%RSD 288.05

#1 .30971
#2 -.10574

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.1	52177.	3954.1	58.827	4437.7
Stddev	9.0	86.	10.2	.823	13.6
%RSD	.22422	.16406	.25890	1.3987	.30719

#1	4008.8	52117.	3946.9	59.409	4428.1
#2	4021.5	52238.	3961.3	58.245	4447.4

Sample Name: J5767-24 Acquired: 11/29/2018 20:53:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00179	.01198	.00297	-.00142	.16714	.11505	-.00001
Stddev	.00023	.00119	.00092	.00106	.00192	.00739	.00101	.00001
%RSD	177.99	66.680	7.6358	35.609	134.93	4.4198	.87634	96.047

#1	.00003	-.00263	.01134	.00222	-.00007	.16192	.11576	-.00003
#2	-.00029	-.00095	.01263	.00372	-.00278	.17236	.11433	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	69.235	.00173	.00471	.00820	.07294	.74396	3.0984
Stddev	.00010	.111	.00010	.00002	.00032	.00523	.00605	.0624
%RSD	36.344	.16096	5.5808	.50217	3.9412	7.1683	.81270	2.0143

#1	.00021	69.156	.00180	.00470	.00843	.07664	.74823	3.1425
#2	.00035	69.314	.00166	.00473	.00797	.06924	.73968	3.0542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00431	-.00042	351.66	.00032	.05322	1.4449	.00024	.00498
Stddev	.00032	.00043	2.23	.00012	.00051	.0137	.00011	.01156
%RSD	7.3239	103.51	.63524	35.993	.95405	.94541	44.505	232.30

#1	.00454	-.00073	353.24	.00040	.05358	1.4546	.00032	-.00320
#2	.00409	-.00011	350.08	.00024	.05286	1.4352	.00016	.01316

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2012	2.8172	.00082	.00215	.00943	.0024	.23947	5.2643
Stddev	.0057	.0063	.00021	.00189	.00275	.0000	.00010	.4941
%RSD	.47706	.22458	25.529	88.221	29.119	.3645	.04155	9.3860

#1	1.2052	2.8216	.00097	.00081	.00749	.0024	.23940	5.6137
#2	1.1971	2.8127	.00067	.00349	.01137	.0024	.23954	4.9149

Sample Name: J5767-24 Acquired: 11/29/2018 20:53:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .31641
%RSD 432.87

#1 .15064
#2 -.29683

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.8	46393.	3869.7	54.237	3687.4
Stddev	9.9	507.	17.8	.785	32.3
%RSD	.26995	1.0937	.45982	1.4466	.87662

#1	3654.8	46035.	3857.2	53.682	3664.5
#2	3668.8	46752.	3882.3	54.792	3710.2

Sample Name: J5768-08 Acquired: 11/29/2018 20:57:32 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00159	.00425	.00128	.00134	.10123	.10177	.00000
Stddev	.00229	.00053	.00116	.00129	.00138	.00719	.00035	.00005
%RSD	1166.2	33.178	27.237	100.82	102.67	7.1073	.34478	1621.9

#1	-.00181	-.00122	.00343	.00219	.00037	.10632	.10202	-.00003
#2	.00142	-.00197	.00506	.00037	.00231	.09614	.10152	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	14.435	.00061	.00314	.00678	1.4108	.76360	.82180
Stddev	.00004	.074	.00001	.00018	.00058	.0061	.01560	.02699
%RSD	35.871	.51316	.89243	5.7685	8.5435	.42944	2.0433	3.2847

#1	-.00014	14.487	.00061	.00301	.00719	1.4065	.77464	.80271
#2	-.00008	14.382	.00061	.00327	.00637	1.4151	.75257	.84088

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00142	.00008	311.56	.00056	.02566	.49991	-.00003	.00182
Stddev	.00016	.00045	2.31	.00025	.00036	.03281	.00045	.00380
%RSD	11.043	586.92	.74277	44.669	1.3959	6.5628	1546.8	208.41

#1	.00131	.00040	313.20	.00038	.02540	.47671	-.00035	-.00086
#2	.00153	-.00024	309.93	.00074	.02591	.52311	.00029	.00451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10128	.33401	.00047	.00367	.01101	.0015	.04183	4.8800
Stddev	.00011	.00460	.00007	.00100	.00012	.0006	.00008	.2880
%RSD	.10481	1.3775	14.693	27.408	1.1223	39.78	.20194	5.9012

#1	.10136	.33726	.00051	.00296	.01110	.0011	.04189	5.0837
#2	.10121	.33076	.00042	.00438	.01092	.0019	.04177	4.6764

Sample Name: J5768-08 Acquired: 11/29/2018 20:57:32 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .59955
 Stddev .25175
 %RSD 41.989

#1 .77756
 #2 .42153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3770.2	48306.	3921.0	56.118	3794.8
Stddev	12.9	798.	14.4	.257	25.4
%RSD	.34295	1.6520	.36740	.45819	.66845

#1	3761.1	47741.	3910.8	56.300	3812.8
#2	3779.3	48870.	3931.2	55.936	3776.9

Sample Name: J6069-02 Acquired: 11/29/2018 21:01:42 Type: Unk
Method: P4-ICP2(v2617) 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	.00245	.00088	.00227	.00329	.00123	-.03759	.02370	-.00003
Stddev	.00119	.00090	.00026	.00152	.00037	.01157	.00114	.00003
%RSD	48.548	101.73	11.603	46.305	30.269	30.785	4.8186	121.84

#1	.00329	.00151	.00246	.00437	.00097	-.02941	.02289	-.00000
#2	.00161	.00025	.00208	.00221	.00149	-.04577	.02450	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	65.734	-.00069	-.00052	.00116	.00386	.00347	132.99
Stddev	.00000	.611	.00021	.00032	.00076	.00396	.00010	.00
%RSD	8.4194	.92939	30.527	61.213	65.984	102.71	2.8165	.00040

#1	-.00004	65.302	-.00054	-.00029	.00170	.00666	.00354	132.99
#2	-.00003	66.166	-.00084	-.00074	.00062	.00106	.00340	132.99

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00383	-.00018	978.02	.00072	.00019	43.774	.00083	.42820
Stddev	.00056	.00089	.09	.00025	.00004	.384	.00010	.00963
%RSD	14.513	504.89	.00926	35.225	18.348	.87685	11.792	2.2479

#1	-.00344	-.00080	978.09	.00054	.00017	43.503	.00090	.43500
#2	-.00422	.00045	977.96	.00090	.00022	44.046	.00076	.42139

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.012	2.5605	-.02233	.00059	.02381	.0513	.91042	5.1200
Stddev	.098	.0167	.00008	.00031	.00009	.0005	.00636	.4427
%RSD	.15859	.65204	.35109	52.721	.38640	.9137	.69867	8.6472

#1	61.942	2.5487	-.02238	.00081	.02375	.0517	.90592	5.4331
#2	62.081	2.5723	-.02227	.00037	.02388	.0510	.91491	4.8070

Sample Name: J6069-02 Acquired: 11/29/2018 21:01:42 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.61664
Stddev	.80744
%RSD	130.94

#1	.04569
#2	1.1876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3695.5	46716.	4026.9	57.560	3563.5
Stddev	1.7	995.	43.3	.449	6.1
%RSD	.04691	2.1297	1.0743	.77989	.17066

#1	3694.3	46013.	4057.5	57.242	3567.8
#2	3696.8	47420.	3996.3	57.877	3559.2

Sample Name: J6069-03 Acquired: 11/29/2018 21:05:51 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	-.00047	.00108	.00245	-.00130	-.03832	.02558	-.00000
Stddev	.00166	.00091	.00165	.00044	.00147	.01708	.00030	.00001
%RSD	105.55	193.70	152.58	18.089	113.30	44.565	1.1772	362.32
#1	.00040	-.00111	-.00009	.00213	-.00234	-.05039	.02579	.00001
#2	.00275	.00017	.00225	.00276	-.00026	-.02624	.02537	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	66.939	-.00048	-.00067	.00080	.00237	.00329	134.20
Stddev	.00005	1.324	.00063	.00001	.00014	.01113	.00019	1.85
%RSD	53.345	1.9782	132.31	1.0598	17.091	469.25	5.9030	1.3760
#1	-.00006	66.003	-.00003	-.00067	.00090	.01024	.00315	132.89
#2	-.00014	67.875	-.00093	-.00066	.00071	-.00550	.00342	135.50
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00452	-.00064	990.38	.00109	-.00020	44.379	.00087	.43770
Stddev	.00040	.00027	.24	.00038	.00007	.687	.00001	.02880
%RSD	8.7305	43.094	.02425	34.365	34.144	1.5491	1.5977	6.5804
#1	-.00480	-.00083	990.55	.00136	-.00025	43.893	.00088	.41734
#2	-.00425	-.00044	990.21	.00083	-.00015	44.865	.00086	.45807
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.700	2.6644	-.02283	.00051	.02250	.0541	.92201	5.8232
Stddev	.054	.0598	.00001	.00056	.00053	.0018	.01731	.3712
%RSD	.08663	2.2455	.05644	109.11	2.3761	3.351	1.8770	6.3750
#1	62.739	2.6221	-.02284	.00012	.02212	.0528	.90977	5.5607
#2	62.662	2.7067	-.02282	.00090	.02288	.0554	.93425	6.0857

Sample Name: J6069-03 Acquired: 11/29/2018 21:05:51 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .93184
Stddev .17272
%RSD 18.536

#1 1.0540
#2 .80970

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.6	44797.	3803.7	55.285	3483.1
Stddev	10.9	1296.	40.5	1.452	5.7
%RSD	.30294	2.8933	1.0656	2.6268	.16481

#1	3589.9	45713.	3832.3	56.312	3479.0
#2	3605.3	43880.	3775.0	54.258	3487.1

Sample Name: J6069-04 Acquired: 11/29/2018 21:10:00 Type: Unk
Method: P4-ICP2(v2617) 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	.00254	.00053	.00231	.00110	-.00262	-.03854	.02400	-.00001
Stddev	.00053	.00041	.00017	.00226	.00034	.01093	.00013	.00004
%RSD	20.836	76.931	7.4485	205.72	12.951	28.356	.54706	354.27
#1	.00216	.00082	.00243	-.00050	-.00238	-.04627	.02391	-.00004
#2	.00291	.00024	.00218	.00270	-.00286	-.03081	.02409	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	66.731	-.00045	-.00044	.00123	.00411	.00342	136.92
Stddev	.00014	1.057	.00022	.00006	.00017	.00568	.00009	.34
%RSD	411.47	1.5846	49.833	13.840	13.988	138.14	2.5917	.24605
#1	-.00013	65.983	-.00061	-.00039	.00111	.00010	.00348	136.68
#2	.00006	67.479	-.00029	-.00048	.00135	.00812	.00335	137.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00396	.00017	985.76	.00127	-.00008	45.325	.00101	.45174
Stddev	.00057	.00030	.68	.00046	.00014	.637	.00036	.00497
%RSD	14.368	177.55	.06864	36.013	183.70	1.4063	35.995	1.1010
#1	-.00436	-.00004	986.24	.00095	.00002	44.874	.00126	.44822
#2	-.00356	.00037	985.28	.00160	-.00017	45.776	.00075	.45525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.960	2.5191	-.02318	.00065	.01963	.0495	.93355	5.8977
Stddev	.237	.0265	.00026	.00107	.00051	.0011	.01285	.0863
%RSD	.36990	1.0529	1.1069	164.10	2.6075	2.321	1.3764	1.4635
#1	64.127	2.5003	-.02336	.00141	.01927	.0487	.92446	5.8367
#2	63.793	2.5378	-.02300	-.00010	.01999	.0503	.94264	5.9587

Sample Name: J6069-04 Acquired: 11/29/2018 21:10:00 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.84480
Stddev	.45418
%RSD	53.762

#1	1.1660
#2	.52364

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.2	44612.	3967.7	57.037	3522.7
Stddev	4.8	72.	45.8	.156	18.3
%RSD	.13235	.16209	1.1547	.27271	.52030

#1	3652.8	44663.	4000.1	57.147	3509.7
#2	3659.7	44561.	3935.3	56.927	3535.6

Sample Name: J6069-05 Acquired: 11/29/2018 21:14:08 Type: Unk
Method: P4-ICP2(v2617) 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	.00140	.00107	.00232	-.00194	-.02678	.02427	-.00003
Stddev	.00034	.00036	.00046	.00345	.00082	.01914	.00117	.00012
%RSD	31.471	25.464	42.955	148.93	42.441	71.482	4.8270	367.44
#1	.00133	.00115	.00140	-.00012	-.00135	-.04032	.02344	.00005
#2	.00084	.00165	.00075	.00476	-.00252	-.01324	.02509	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	66.806	-.00094	-.00056	.00079	-.01282	.00318	137.17
Stddev	.00006	1.344	.00017	.00012	.00002	.00530	.00007	4.04
%RSD	56.813	2.0114	17.635	21.887	3.1416	41.366	2.1215	2.9446
#1	-.00006	65.856	-.00106	-.00065	.00081	-.01657	.00323	134.31
#2	-.00014	67.756	-.00082	-.00047	.00077	-.00907	.00313	140.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00389	.00022	982.13	.00062	-.00019	45.768	.00080	.45061
Stddev	.00049	.00016	16.15	.00011	.00005	.944	.00035	.01256
%RSD	12.471	73.299	1.6441	18.088	26.786	2.0621	44.144	2.7879
#1	-.00355	.00033	970.72	.00054	-.00023	45.101	.00055	.44173
#2	-.00423	.00010	993.55	.00070	-.00016	46.435	.00104	.45949
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.868	2.5101	-.02327	.00129	.02342	.0510	.93416	5.0380
Stddev	.780	.0442	.00011	.00364	.00023	.0018	.01957	.3027
%RSD	1.2217	1.7590	.46772	281.98	.99667	3.543	2.0953	6.0086
#1	63.316	2.4789	-.02335	.00386	.02359	.0497	.92032	5.2521
#2	64.419	2.5413	-.02320	-.00128	.02326	.0523	.94800	4.8240

Sample Name: J6069-05 Acquired: 11/29/2018 21:14:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1009
Stddev	.0839
%RSD	7.6225

#1	1.0416
#2	1.1603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3693.6	46980.	3988.0	58.809	3554.7
Stddev	82.6	548.	72.9	.778	71.9
%RSD	2.2361	1.1661	1.8285	1.3226	2.0240

#1	3752.0	46593.	4039.6	59.359	3605.6
#2	3635.2	47367.	3936.4	58.259	3503.8

Sample Name: J6069-06 Acquired: 11/29/2018 21:18:17 Type: Unk
Method: P4-ICP2(v2617) 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	.00377	.00033	.00152	.00179	-.00124	-.02252	.02422	.00006
Stddev	.00050	.00055	.00075	.00122	.00027	.01458	.00075	.00002
%RSD	13.260	167.32	49.191	68.349	22.004	64.747	3.0963	41.876
#1	.00412	.00072	.00205	.00266	-.00143	-.03283	.02369	.00008
#2	.00342	-.00006	.00099	.00093	-.00104	-.01221	.02475	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	65.864	-.00110	-.00060	.00088	-.01184	.00351	136.24
Stddev	.00005	.335	.00054	.00015	.00040	.00405	.00005	.21
%RSD	52.942	.50843	48.618	25.639	45.598	34.190	1.4254	.15291
#1	-.00013	65.627	-.00072	-.00071	.00117	-.00898	.00354	136.39
#2	-.00006	66.101	-.00148	-.00049	.00060	-.01470	.00347	136.10
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00455	.00000	977.01	.00049	.00118	45.228	.00082	.44739
Stddev	.00027	.00022	7.72	.00020	.00005	.023	.00007	.00913
%RSD	5.9088	8404.7	.79050	40.398	3.8528	.05044	8.6264	2.0407
#1	-.00474	.00016	971.55	.00035	.00121	45.212	.00087	.45384
#2	-.00436	-.00015	982.48	.00063	.00115	45.244	.00077	.44093
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 64.660	2.4953	-.02308	.00114	.02150	.0524	.92049	5.6579
Stddev	.159	.0196	.00033	.00086	.00167	.0001	.00297	.1286
%RSD	.24651	.78385	1.4176	75.712	7.7835	.2096	.32299	2.2729
#1	64.773	2.4815	-.02331	.00053	.02032	.0524	.91839	5.5670
#2	64.547	2.5091	-.02285	.00175	.02268	.0523	.92259	5.7489

Sample Name: J6069-06 Acquired: 11/29/2018 21:18:17 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6073
Stddev	.2204
%RSD	13.713

#1	1.7632
#2	1.4515

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.4	44817.	3971.2	58.102	3414.9
Stddev	10.3	311.	30.8	.270	17.1
%RSD	.29169	.69443	.77487	.46500	.50141

#1	3537.1	45037.	3993.0	57.911	3402.8
#2	3551.7	44597.	3949.4	58.293	3427.0

Sample Name: J6069-07 Acquired: 11/29/2018 21:22:25 Type: Unk
Method: P4-ICP2(v2617) 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	.00044	.00308	.00272	-.00021	-.02537	.02512	.00003
Stddev	.00315	.00089	.00054	.00110	.00010	.00995	.00089	.00006
%RSD	721.33	200.66	17.490	40.447	45.943	39.233	3.5518	195.92
#1	.00266	-.00018	.00346	.00194	-.00014	-.01833	.02575	-.00001
#2	-.00179	.00107	.00270	.00350	-.00028	-.03241	.02449	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	60.799	-.00090	-.00049	.00149	-.00489	.00391	115.68
Stddev	.00005	.047	.00007	.00028	.00001	.00739	.00012	.44
%RSD	26.695	.07661	8.2121	58.454	.64036	151.18	3.0142	.37691
#1	-.00021	60.766	-.00095	-.00028	.00149	.00034	.00383	115.99
#2	-.00014	60.832	-.00084	-.00069	.00150	-.01011	.00399	115.37
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	.00013	860.57	.00048	-.00019	38.195	.00077	.38219
Stddev	.00006	.00006	6.23	.00057	.00018	.034	.00022	.00285
%RSD	1.7227	46.357	.72447	119.47	93.062	.08919	28.271	.74463
#1	-.00381	.00017	864.98	.00089	-.00032	38.171	.00092	.38420
#2	-.00372	.00009	856.17	.00007	-.00007	38.219	.00061	.38018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.090	2.6784	-.02078	.00009	.01910	.0480	.80280	5.6787
Stddev	.277	.0314	.00004	.00094	.00129	.0003	.00241	.4866
%RSD	.49297	1.1739	.17901	1089.8	6.7371	.6672	.29966	8.5686
#1	55.895	2.6561	-.02081	-.00058	.01819	.0478	.80450	5.3346
#2	56.286	2.7006	-.02076	.00075	.02001	.0482	.80110	6.0228

Sample Name: J6069-07 Acquired: 11/29/2018 21:22:25 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .82905
Stddev .00555
%RSD .66936

#1 .83298
#2 .82513

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.7	44871.	3857.7	55.599	3523.5
Stddev	29.0	1010.	7.1	2.550	21.1
%RSD	.79692	2.2516	.18312	4.5871	.59923

#1	3663.2	45586.	3862.7	57.403	3538.4
#2	3622.1	44157.	3852.7	53.796	3508.6

Sample Name: J6069-08 Acquired: 11/29/2018 21:26:34 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00343	.00067	.00217	.00171	-.00217	-.00600	.02707	-.00002
Stddev	.00344	.00140	.00047	.00016	.00037	.00145	.00015	.00000
%RSD	100.14	209.81	21.692	9.3606	16.864	24.202	.57082	21.848
#1	.00100	.00166	.00250	.00159	-.00191	-.00703	.02718	-.00002
#2	.00587	-.00032	.00183	.00182	-.00243	-.00497	.02696	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	61.786	-.00068	-.00036	.00066	-.00714	.00389	118.63
Stddev	.00004	.485	.00003	.00003	.00025	.01174	.00002	.27
%RSD	27.334	.78476	4.4491	7.6931	38.152	164.49	.45811	.23043
#1	-.00012	62.129	-.00066	-.00034	.00084	-.01544	.00391	118.82
#2	-.00018	61.443	-.00071	-.00037	.00048	.00116	.00388	118.44
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00431	.00001	859.44	.00047	-.00034	38.940	.00080	.38400
Stddev	.00030	.00030	5.11	.00015	.00013	.186	.00021	.00562
%RSD	6.9957	4277.8	.59462	32.849	36.680	.47661	26.316	1.4648
#1	-.00410	-.00021	863.05	.00058	-.00025	39.072	.00095	.38003
#2	-.00452	.00022	855.83	.00036	-.00043	38.809	.00065	.38798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.590	2.6733	-.01999	-.00157	.01897	.0492	.81450	6.1459
Stddev	.230	.0319	.00016	.00394	.00126	.0018	.00819	.0455
%RSD	.39888	1.1935	.78936	251.14	6.6232	3.675	1.0061	.74060
#1	57.427	2.6959	-.01988	.00122	.01986	.0479	.82030	6.1137
#2	57.752	2.6507	-.02010	-.00435	.01808	.0505	.80871	6.1781

Sample Name: J6069-08 Acquired: 11/29/2018 21:26:34 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.90823
Stddev	.20617
%RSD	22.700

#1	1.0540
#2	.76244

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.2	44072.	3813.3	55.322	3432.6
Stddev	13.4	184.	28.7	.454	2.6
%RSD	.37714	.41811	.75160	.82045	.07575

#1	3553.7	44202.	3793.0	55.001	3430.8
#2	3534.8	43942.	3833.6	55.643	3434.4

Sample Name: J6069-09 Acquired: 11/29/2018 21:30:42 Type: Unk
Method: P4-ICP2(v2617) 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	.00135	-.00016	.00232	.00110	-.00140	-.03152	.02676	-.00000
Stddev	.00197	.00007	.00003	.00153	.00175	.03091	.00076	.00001
%RSD	145.60	44.560	1.1296	139.17	124.75	98.074	2.8407	288.54
#1	.00275	-.00011	.00230	.00002	-.00263	-.00966	.02622	.00000
#2	-.00004	-.00021	.00234	.00218	-.00017	-.05338	.02729	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	63.937	-.00080	-.00041	.00068	.00162	.00362	126.30
Stddev	.00001	.268	.00006	.00008	.00004	.00208	.00001	.07
%RSD	13.062	.41922	7.4761	20.812	5.6707	128.47	.36129	.05584
#1	-.00013	63.747	-.00076	-.00035	.00065	.00015	.00361	126.25
#2	-.00010	64.127	-.00084	-.00047	.00071	.00309	.00363	126.35
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00435	-.00077	932.68	.00067	.00034	41.362	.00085	.40275
Stddev	.00009	.00046	1.38	.00007	.00013	.147	.00018	.00917
%RSD	2.0048	59.404	.14775	10.943	38.536	.35468	20.701	2.2758
#1	-.00441	-.00045	931.71	.00072	.00025	41.258	.00097	.39627
#2	-.00429	-.00110	933.66	.00062	.00043	41.466	.00072	.40923
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.739	2.6896	-.02165	.00192	.02085	.0500	.86015	5.8890
Stddev	.097	.0039	.00064	.00134	.00013	.0003	.00668	.2689
%RSD	.16228	.14527	2.9398	69.684	.63215	.5690	.77681	4.5657
#1	59.808	2.6868	-.02210	.00286	.02094	.0498	.85542	5.6989
#2	59.670	2.6924	-.02120	.00097	.02075	.0502	.86487	6.0792

Sample Name: J6069-09 Acquired: 11/29/2018 21:30:42 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.61238
Stddev	.22364
%RSD	36.520

#1	.45424
#2	.77051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3535.4	43925.	3759.8	54.438	3421.5
Stddev	2.3	119.	22.9	1.826	2.3
%RSD	.06570	.27144	.61039	3.3540	.06731

#1	3537.0	44010.	3776.0	55.729	3419.9
#2	3533.7	43841.	3743.5	53.147	3423.1

Sample Name: CCV12 Acquired: 11/29/2018 21:34:51 Type: Unk
Method: P4-ICP2(v2617) 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	4.9605	4.9803	4.9402	4.9721	5.0452	10.089	10.354	.25369
Stddev	.0063	.0144	.0128	.0169	.0017	.107	.035	.00012
%RSD	.12674	.28998	.25867	.33922	.03280	1.0619	.34096	.04774
#1	4.9650	4.9701	4.9311	4.9840	5.0464	10.013	10.379	.25361
#2	4.9561	4.9905	4.9492	4.9602	5.0441	10.165	10.329	.25378
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4704	26.480	1.0575	2.4742	1.2718	5.0417	2.5814	24.838
Stddev	.0068	.107	.0020	.0101	.0024	.0815	.0020	.012
%RSD	.27537	.40418	.18612	.40670	.18731	1.6167	.07674	.04634
#1	2.4656	26.405	1.0561	2.4671	1.2735	4.9841	2.5800	24.830
#2	2.4752	26.556	1.0589	2.4814	1.2701	5.0993	2.5828	24.846
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4678	1.2331	26.063	2.5250	2.7194	26.076	5.0491	4.9929
Stddev	.0045	.0046	.069	.0013	.0170	.110	.0023	.0386
%RSD	.18032	.37001	.26341	.05252	.62473	.42122	.04639	.77382
#1	2.4647	1.2299	26.111	2.5260	2.7073	26.154	5.0508	4.9656
#2	2.4710	1.2363	26.014	2.5241	2.7314	25.999	5.0474	5.0202
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0655	5.1980	4.9170	5.0267	5.1922	4.926	5.3140	5.2094
Stddev	.0079	.0110	.0100	.0299	.0196	.018	.0094	.0179
%RSD	.15652	.21242	.20386	.59539	.37813	.3680	.17699	.34298
#1	5.0711	5.2058	4.9099	5.0056	5.2060	4.913	5.3206	5.2220
#2	5.0599	5.1902	4.9241	5.0479	5.1783	4.939	5.3073	5.1968

Sample Name: CCV12 Acquired: 11/29/2018 21:34:51 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4067
Stddev .5130
%RSD 21.315

#1 2.0440
#2 2.7694

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3738.9	47445.	3727.5	52.806	3695.2
Stddev	4.9	22.	14.3	.314	8.0
%RSD	.13061	.04576	.38471	.59554	.21770

#1	3735.4	47429.	3717.4	53.029	3700.9
#2	3742.3	47460.	3737.7	52.584	3689.5

Sample Name: CCB12 Acquired: 11/29/2018 21:38:36 Type: Unk
Method: P4-ICP2(v2617) 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	.00347	.00136	.00031	.00225	.00227	.00479	.00488	-.00006
Stddev	.00325	.00083	.00076	.00056	.00107	.00969	.00025	.00005
%RSD	93.407	60.719	241.85	24.981	47.161	202.43	5.1905	81.868
#1	.00118	.00078	.00085	.00265	.00302	.01164	.00506	-.00002
#2	.00577	.00194	-.00022	.00186	.00151	-.00206	.00471	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00280	-.00011	-.00009	.00007	-.00422	.00009	-.02944
Stddev	.00002	.00510	.00014	.00014	.00023	.00382	.00002	.03790
%RSD	63.013	182.30	126.33	159.50	352.52	90.372	25.157	128.71
#1	.00003	.00640	-.00021	.00001	-.00010	-.00692	.00011	-.00265
#2	.00001	-.00081	-.00001	-.00019	.00023	-.00152	.00008	-.05624
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00128	-.00038	F .63692	-.00029	-.00063	.11568	.00029	-.00020
Stddev	.00011	.00019	.01106	.00036	.00009	.00216	.00018	.00686
%RSD	8.2715	51.135	1.7363	125.25	13.713	1.8679	62.184	3452.8
#1	-.00135	-.00024	.64474	-.00054	-.00057	.11721	.00016	.00465
#2	-.00120	-.00051	.62910	-.00003	-.00069	.11416	.00041	-.00505
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .03038	.00306	.00039	-.00023	F .00727	.0011	.00003	F 3.5326
Stddev	.00440	.00116	.00027	.00182	.00325	.0015	.00003	.5274
%RSD	14.483	37.739	68.615	803.08	44.632	128.2	120.79	14.929
#1	.03349	.00224	.00020	.00106	.00498	.0001	.00005	3.9055
#2	.02727	.00388	.00058	-.00151	.00957	.0022	.00000	3.1597

Sample Name: CCB12 Acquired: 11/29/2018 21:38:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .82694
Stddev	.49171
%RSD	59.461

#1	.47925
#2	1.1746

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.0	50858.	3706.9	55.682	4317.5
Stddev	16.1	1276.	43.3	.723	19.5
%RSD	.41130	2.5087	1.1689	1.2988	.45246

#1	3931.4	49956.	3737.5	55.170	4331.3
#2	3908.6	51761.	3676.3	56.193	4303.6

Sample Name: J6069-10 Acquired: 11/29/2018 21:42:42 Type: Unk
Method: P4-ICP2(v2617) 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	.00419	.00039	.00341	.00227	-.00132	-.03162	.02637	-.00007
Stddev	.00060	.00258	.00223	.00043	.00111	.00158	.00038	.00007
%RSD	14.331	663.22	65.350	19.066	84.592	5.0088	1.4378	103.28

#1	.00376	-.00144	.00183	.00257	-.00211	-.03274	.02610	-.00012
#2	.00461	.00222	.00498	.00196	-.00053	-.03050	.02663	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	63.069	-.00082	-.00031	.00056	-.01872	.00389	123.23
Stddev	.00000	.851	.00033	.00046	.00042	.00123	.00008	.52
%RSD	2.9019	1.3497	40.795	146.44	76.060	6.5599	2.0356	.41920

#1	-.00010	63.671	-.00106	.00001	.00026	-.01785	.00384	123.60
#2	-.00010	62.467	-.00058	-.00064	.00086	-.01959	.00395	122.87

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00483	-.00018	932.19	.00054	.00011	40.132	.00089	.39593
Stddev	.00027	.00073	15.42	.00024	.00002	.251	.00002	.00724
%RSD	5.6784	413.70	1.6540	44.898	21.756	.62622	1.7425	1.8274

#1	-.00502	-.00069	943.10	.00037	.00009	40.310	.00090	.40105
#2	-.00463	.00034	921.29	.00071	.00013	39.954	.00087	.39082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.003	2.6868	-.02169	.00207	.02154	.0486	.84014	5.8137
Stddev	.090	.0138	.00099	.00154	.00146	.0039	.00837	.0625
%RSD	.15235	.51310	4.5662	74.078	6.7692	7.993	.99573	1.0756

#1	58.940	2.6771	-.02239	.00099	.02051	.0513	.84605	5.8579
#2	59.067	2.6966	-.02099	.00316	.02257	.0458	.83422	5.7695

Sample Name: J6069-10 Acquired: 11/29/2018 21:42:42 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1756
Stddev .0496
%RSD 4.2224

#1 1.2107
#2 1.1405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.0	44433.	3781.6	55.546	3462.0
Stddev	2.7	48.	21.6	.842	5.9
%RSD	.07394	.10844	.57089	1.5162	.16984

#1	3589.1	44399.	3766.3	56.142	3466.2
#2	3592.9	44467.	3796.8	54.951	3457.9

Sample Name: J6069-11 Acquired: 11/29/2018 21:46:51 Type: Unk
Method: P4-ICP2(v2617) 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	.00243	.00141	.00375	.00309	-.00086	-.03716	.02803	.00003
Stddev	.00038	.00002	.00000	.00281	.00200	.01482	.00011	.00002
%RSD	15.774	1.5837	.12830	91.085	231.67	39.895	.38117	53.890
#1	.00216	.00139	.00374	.00507	-.00228	-.04764	.02796	.00002
#2	.00271	.00143	.00375	.00110	.00055	-.02668	.02811	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	73.596	-.00064	-.00050	.00071	.01121	.00591	157.48
Stddev	.00002	1.214	.00061	.00012	.00029	.00086	.00012	2.45
%RSD	13.862	1.6494	96.157	23.266	41.133	7.6817	1.9786	1.5539
#1	-.00016	74.454	-.00020	-.00042	.00092	.01182	.00583	159.21
#2	-.00019	72.738	-.00107	-.00058	.00051	.01061	.00600	155.75
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00544	.00015	1151.5	.00128	-.00015	51.909	.00131	.53234
Stddev	.00078	.00054	22.8	.00018	.00019	.837	.00063	.02420
%RSD	14.358	373.07	1.9768	13.843	128.90	1.6123	47.707	4.5467
#1	-.00489	-.00024	1167.6	.00115	-.00001	52.500	.00176	.54946
#2	-.00599	.00053	1135.4	.00140	-.00028	51.317	.00087	.51523
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.687	2.6153	-.02486	.00264	.02610	.0542	1.0510	6.1420
Stddev	.175	.0233	.00037	.00185	.00083	.0012	.0199	.0238
%RSD	.25141	.89191	1.4973	70.263	3.1622	2.193	1.8965	.38815
#1	69.563	2.6318	-.02459	.00395	.02552	.0551	1.0651	6.1588
#2	69.811	2.5988	-.02512	.00133	.02669	.0534	1.0369	6.1251

Sample Name: J6069-11 Acquired: 11/29/2018 21:46:51 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0575
Stddev .0260
%RSD 2.4580

#1 1.0391
#2 1.0759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.1	43631.	3704.7	53.518	3363.5
Stddev	20.2	22.	63.9	.104	15.5
%RSD	.57583	.05073	1.7246	.19511	.46014

#1	3525.4	43647.	3659.5	53.445	3374.4
#2	3496.8	43615.	3749.8	53.592	3352.5

Sample Name: J6069-12 Acquired: 11/29/2018 21:50:59 Type: Unk
Method: P4-ICP2(v2617) 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	.00553	.00037	.00280	.00705	-.00296	-.02923	.02584	-.00008
Stddev	.00071	.00075	.00129	.00194	.00034	.01042	.00315	.00005
%RSD	12.762	200.59	46.085	27.493	11.598	35.639	12.183	61.091

#1	.00503	.00091	.00372	.00842	-.00320	-.03659	.02362	-.00012
#2	.00603	-.00016	.00189	.00568	-.00272	-.02186	.02807	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	71.214	-.00080	-.00052	.00102	-.00168	.00586	151.77
Stddev	.00008	2.093	.00083	.00020	.00045	.01470	.00001	3.92
%RSD	42.648	2.9395	103.48	38.685	44.379	873.27	.25406	2.5837

#1	-.00024	69.734	-.00139	-.00066	.00070	.00871	.00587	149.00
#2	-.00013	72.694	-.00022	-.00038	.00133	-.01208	.00585	154.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	-.00007	1098.3	.00084	.00041	50.328	.00091	.51404
Stddev	.00036	.00019	7.5	.00025	.00014	1.299	.00007	.01016
%RSD	6.8858	284.55	.67852	29.495	33.619	2.5802	7.2677	1.9762

#1	-.00542	-.00020	1093.0	.00101	.00032	49.409	.00096	.50686
#2	-.00492	.00007	1103.6	.00066	.00051	51.246	.00087	.52123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.490	2.5519	-.02486	.00234	.02485	.0547	1.0096	6.2238
Stddev	.715	.1011	.00055	.00160	.00329	.0019	.0247	.0357
%RSD	1.0286	3.9632	2.1990	68.245	13.251	3.393	2.4465	.57394

#1	69.995	2.4803	-.02525	.00347	.02252	.0560	.99218	6.2491
#2	68.984	2.6234	-.02448	.00121	.02717	.0534	1.0271	6.1985

Sample Name: J6069-12 Acquired: 11/29/2018 21:50:59 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.69795
Stddev	.05654
%RSD	8.1013

#1	.73793
#2	.65797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.1	43207.	3761.5	55.556	3320.6
Stddev	10.6	16.	130.1	.127	10.8
%RSD	.30232	.03635	3.4595	.22843	.32549

#1	3485.6	43195.	3853.5	55.466	3313.0
#2	3500.6	43218.	3669.5	55.646	3328.3

Sample Name: J6069-13 Acquired: 11/29/2018 21:55:08 Type: Unk
Method: P4-ICP2(v2617) 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	.00351	-.00008	.00396	.00263	-.00276	-.03707	.02787	.00004
Stddev	.00091	.00047	.00114	.00255	.00032	.01236	.00105	.00001
%RSD	25.817	574.78	28.867	97.216	11.754	33.327	3.7700	21.313

#1	.00287	.00025	.00477	.00082	-.00253	-.02834	.02861	.00004
#2	.00415	-.00041	.00315	.00443	-.00299	-.04581	.02713	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	69.924	-.00085	-.00032	.00082	-.02130	.00558	148.91
Stddev	.00003	.669	.00040	.00013	.00058	.00176	.00000	1.28
%RSD	15.741	.95732	47.178	40.061	70.005	8.2761	.00219	.86237

#1	-.00021	70.397	-.00057	-.00041	.00123	-.02005	.00558	149.82
#2	-.00017	69.451	-.00113	-.00023	.00042	-.02255	.00558	148.00

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00493	-.00010	1053.5	.00128	-.00028	48.406	.00110	.48947
Stddev	.00009	.00013	23.8	.00013	.00009	.338	.00005	.01550
%RSD	1.8527	125.53	2.2620	9.7792	30.679	.69920	4.3143	3.1668

#1	-.00486	-.00020	1070.3	.00119	-.00022	48.645	.00114	.50043
#2	-.00499	-.00001	1036.6	.00137	-.00034	48.167	.00107	.47851

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 67.343	2.6328	-.02470	-.00052	.02263	.0535	.97791	6.5874
Stddev	.146	.0158	.00012	.00156	.00185	.0004	.01093	.1057
%RSD	.21660	.60024	.50357	301.02	8.1645	.6779	1.1181	1.6043

#1	67.446	2.6440	-.02479	-.00162	.02393	.0537	.98564	6.5127
#2	67.240	2.6216	-.02461	.00059	.02132	.0532	.97018	6.6621

Sample Name: J6069-13 Acquired: 11/29/2018 21:55:08 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.72468
Stddev	.47555
%RSD	65.621

#1	.38842
#2	1.0609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.7	42352.	3672.0	53.031	3302.9
Stddev	32.0	413.	45.9	1.748	6.7
%RSD	.92952	.97536	1.2506	3.2958	.20244

#1	3423.1	42644.	3639.5	51.795	3298.2
#2	3468.4	42060.	3704.5	54.267	3307.6

Sample Name: J6069-14 Acquired: 11/29/2018 21:59:17 Type: Unk
Method: P4-ICP2(v2617) 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	.00156	-.00070	.00294	.00164	-.00001	-.04097	.02818	-.00010
Stddev	.00060	.00189	.00014	.00223	.00075	.00124	.00271	.00009
%RSD	38.331	269.16	4.7156	135.96	5823.1	3.0247	9.6007	89.047
#1	.00114	-.00204	.00285	.00006	.00052	-.04010	.02627	-.00017
#2	.00198	.00064	.00304	.00321	-.00054	-.04185	.03010	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	72.201	-.00097	-.00043	.00059	-.00380	.00544	154.62
Stddev	.00014	.668	.00020	.00001	.00052	.00426	.00005	2.37
%RSD	83.295	.92460	20.179	3.3434	88.045	112.13	.95336	1.5301
#1	-.00007	71.729	-.00111	-.00042	.00095	-.00681	.00540	152.94
#2	-.00027	72.673	-.00083	-.00044	.00022	-.00079	.00547	156.29
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00517	.00025	1092.9	.00086	-.00015	50.947	.00134	.50052
Stddev	.00042	.00062	1.4	.00017	.00002	.440	.00041	.01787
%RSD	8.0467	242.89	.12373	19.949	11.822	.86335	30.564	3.5708
#1	-.00487	.00069	1093.9	.00098	-.00014	50.636	.00163	.51315
#2	-.00546	-.00018	1091.9	.00074	-.00016	51.258	.00105	.48788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.250	2.6619	-.02562	.00096	.02467	.0567	1.0225	6.4387
Stddev	1.044	.0176	.00004	.00132	.00007	.0004	.0127	.1621
%RSD	1.4856	.66147	.14430	137.42	.27084	.6775	1.2395	2.5169
#1	69.512	2.6495	-.02559	.00189	.02472	.0564	1.0135	6.5533
#2	70.988	2.6744	-.02564	.00003	.02462	.0570	1.0314	6.3241

Sample Name: J6069-14 Acquired: 11/29/2018 21:59:17 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .82043
Stddev .52701
%RSD 64.236

#1 1.1931
#2 .44778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.2	42609.	3642.9	53.298	3259.2
Stddev	52.1	28.	34.3	.802	52.0
%RSD	1.5193	.06563	.94158	1.5052	1.5940

#1	3465.0	42589.	3667.2	53.865	3295.9
#2	3391.4	42629.	3618.7	52.730	3222.5

Sample Name: J6069-15 Acquired: 11/29/2018 22:03:26 Type: Unk
Method: P4-ICP2(v2617) 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	.00531	-.00070	.00332	.00375	-.00076	-.03552	.02805	-.00001
Stddev	.00066	.00126	.00138	.00322	.00015	.00430	.00046	.00013
%RSD	12.500	179.71	41.508	85.672	20.360	12.112	1.6256	1763.4
#1	.00578	-.00159	.00234	.00603	-.00065	-.03248	.02837	-.00010
#2	.00484	.00019	.00429	.00148	-.00087	-.03857	.02772	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	72.845	-.00062	-.00044	.00128	-.00968	.00577	156.41
Stddev	.00007	.178	.00010	.00001	.00025	.02969	.00005	.47
%RSD	43.879	.24473	16.649	2.7502	19.394	306.56	.89190	.30315
#1	-.00022	72.971	-.00069	-.00044	.00111	-.03068	.00574	156.07
#2	-.00011	72.718	-.00055	-.00045	.00146	.01131	.00581	156.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00481	.00014	1111.9	.00032	.00018	51.993	.00099	.53823
Stddev	.00029	.00011	42.7	.00010	.00009	.106	.00018	.01897
%RSD	5.9630	75.087	3.8415	32.213	50.592	.20402	18.385	3.5242
#1	-.00502	.00007	1142.1	.00025	.00024	52.068	.00086	.55165
#2	-.00461	.00022	1081.7	.00039	.00011	51.918	.00112	.52482
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.903	2.6057	-.02527	-.00082	.02597	.0562	1.0391	6.3033
Stddev	.687	.0098	.00027	.00167	.00088	.0013	.0000	.2287
%RSD	.98247	.37469	1.0789	204.05	3.3769	2.378	.00189	3.6281
#1	70.389	2.5988	-.02546	-.00200	.02659	.0572	1.0391	6.4650
#2	69.417	2.6126	-.02508	.00036	.02535	.0553	1.0391	6.1415

Sample Name: J6069-15 Acquired: 11/29/2018 22:03:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2532
Stddev	.2356
%RSD	18.801

#1	1.4198
#2	1.0866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.9	42973.	3720.6	54.097	3369.7
Stddev	38.0	202.	16.1	.577	45.7
%RSD	1.0770	.47012	.43391	1.0669	1.3565

#1	3506.0	42830.	3709.2	53.689	3337.4
#2	3559.8	43116.	3732.1	54.506	3402.0

Sample Name: J6069-16 Acquired: 11/29/2018 22:07:35 Type: Unk
Method: P4-ICP2(v2617) 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	.00008	.00026	.00191	.00286	-.00061	-.02486	.02596	.00000
Stddev	.00148	.00159	.00045	.00203	.00021	.02524	.00098	.00000
%RSD	1887.4	613.96	23.525	71.103	34.131	101.53	3.7874	1855.1
#1	.00112	.00138	.00223	.00429	-.00046	-.00701	.02527	-.00000
#2	-.00097	-.00086	.00159	.00142	-.00075	-.04271	.02666	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	65.140	-.00045	-.00064	.00091	-.00768	.00429	133.62
Stddev	.00001	.013	.00026	.00026	.00026	.00656	.00011	.08
%RSD	6.0431	.01957	56.980	41.132	28.582	85.393	2.4545	.05853
#1	-.00009	65.149	-.00027	-.00083	.00073	-.01232	.00422	133.67
#2	-.00009	65.131	-.00064	-.00045	.00110	-.00304	.00437	133.56
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	-.00039	954.12	.00112	.00021	44.129	.00116	.43685
Stddev	.00019	.00019	2.89	.00056	.00014	.132	.00053	.01707
%RSD	4.5917	48.959	.30260	50.063	64.568	.29968	45.790	3.9077
#1	-.00395	-.00026	956.16	.00152	.00031	44.035	.00153	.42477
#2	-.00421	-.00053	952.08	.00072	.00011	44.222	.00078	.44892
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.248	2.5653	-.02334	.00368	.02281	.0487	.89592	5.9460
Stddev	.364	.0236	.00040	.00330	.00049	.0003	.00332	.0264
%RSD	.57540	.92144	1.7085	89.531	2.1344	.6633	.37096	.44416
#1	63.505	2.5486	-.02306	.00135	.02315	.0485	.89827	5.9273
#2	62.991	2.5820	-.02362	.00602	.02247	.0490	.89357	5.9647

Sample Name: J6069-16 Acquired: 11/29/2018 22:07:35 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1072
Stddev	.0507
%RSD	4.5753

#1	1.0714
#2	1.1430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.9	44184.	3853.9	58.510	3438.6
Stddev	17.8	198.	19.7	1.280	21.9
%RSD	.49791	.44833	.51042	2.1874	.63733

#1	3566.3	44324.	3867.8	59.415	3423.1
#2	3591.5	44044.	3840.0	57.605	3454.1

Sample Name: J6070-02 Acquired: 11/29/2018 22:11:44 Type: Unk
Method: P4-ICP2(v2617) 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	.00320	.00034	.00195	.00248	-.00011	-.02460	.02530	-.00004
Stddev	.00127	.00002	.00101	.00255	.00133	.02234	.00124	.00004
%RSD	39.772	6.6618	51.922	102.81	1201.1	90.815	4.9106	82.470
#1	.00230	.00036	.00267	.00429	.00083	-.04039	.02618	-.00007
#2	.00410	.00033	.00123	.00068	-.00105	-.00880	.02442	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	61.879	-.00055	-.00027	.00071	-.00817	.00988	121.28
Stddev	.00012	.469	.00001	.00011	.00053	.00115	.00008	.82
%RSD	137.94	.75793	1.5231	42.396	74.959	14.102	.78629	.67212
#1	-.00017	62.210	-.00055	-.00019	.00109	-.00898	.00983	121.86
#2	-.00000	61.547	-.00054	-.00035	.00033	-.00735	.00994	120.70
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00429	-.00000	875.42	.00061	.00001	40.118	.00070	.39733
Stddev	.00012	.00063	25.97	.00052	.00004	.061	.00003	.00995
%RSD	2.6978	414530.	2.9668	85.969	484.31	.15172	4.1358	2.5034
#1	-.00421	.00045	893.78	.00097	.00004	40.161	.00072	.40436
#2	-.00437	-.00045	857.05	.00024	-.00002	40.075	.00068	.39030
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.798	2.6063	-.02092	.00319	.01883	.0485	.82644	5.5509
Stddev	.136	.0177	.00056	.00024	.00076	.0018	.00489	.1863
%RSD	.23570	.67970	2.6661	7.6109	4.0208	3.689	.59198	3.3562
#1	57.894	2.6188	-.02053	.00302	.01937	.0497	.82990	5.6826
#2	57.702	2.5938	-.02132	.00337	.01830	.0472	.82298	5.4191

Sample Name: J6070-02 Acquired: 11/29/2018 22:11:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75207
Stddev .03310
%RSD 4.4011

#1 .72867
#2 .77548

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3663.3	45042.	3813.3	55.508	3519.1
Stddev	12.8	31.	59.2	.278	7.6
%RSD	.34851	.06828	1.5523	.50060	.21682

#1	3654.3	45064.	3771.5	55.312	3513.7
#2	3672.3	45020.	3855.2	55.705	3524.5

Sample Name: J6070-03 Acquired: 11/29/2018 22:15:53 Type: Unk
Method: P4-ICP2(v2617) 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	.00383	-.00096	.00319	.00108	-.00147	.04014	.02428	-.00002
Stddev	.00048	.00172	.00020	.00105	.00167	.00144	.00014	.00001
%RSD	12.563	178.52	6.2705	96.388	113.36	3.5920	.58784	34.364

#1	.00417	-.00218	.00305	.00035	-.00266	.04116	.02418	-.00002
#2	.00349	.00025	.00333	.00182	-.00029	.03912	.02438	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	112.61	-.00114	-.00065	.00022	-.01812	.00826	288.68
Stddev	.00007	.50	.00000	.00004	.00058	.01375	.00010	3.26
%RSD	32.692	.44394	.22422	5.5723	262.96	75.869	1.1599	1.1309

#1	-.00016	112.96	-.00114	-.00062	-.00019	-.00840	.00820	290.99
#2	-.00025	112.26	-.00114	-.00068	.00063	-.02785	.00833	286.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00540	-.00037	1788.2	.00042	.00051	100.000	.00216	.98654
Stddev	.00043	.00004	55.0	.00010	.00005	.7397	.00040	.00909
%RSD	8.0175	9.6700	3.0745	24.827	9.4821	.73975	18.442	.92176

#1	-.00510	-.00034	1827.1	.00050	.00048	100.52	.00188	.98011
#2	-.00571	-.00039	1749.3	.00035	.00055	99.476	.00244	.99297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 111.28	2.2145	-.04007	-.00074	.05208	.0648	1.8613	7.2510
Stddev	1.67	.0138	.00002	.00341	.00038	.0015	.0111	.0730
%RSD	1.5021	.62290	.05075	462.41	.72324	2.306	.59611	1.0073

#1	110.09	2.2243	-.04008	-.00315	.05235	.0638	1.8691	7.3026
#2	112.46	2.2048	-.04005	.00167	.05182	.0659	1.8534	7.1993

Sample Name: J6070-03 Acquired: 11/29/2018 22:15:53 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3717
Stddev .5342
%RSD 38.945

#1 1.7494
#2 .99394

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.0	40732.	3671.9	53.009	3090.9
Stddev	45.2	51.	40.2	.662	53.3
%RSD	1.3555	.12534	1.0958	1.2481	1.7232

#1	3365.0	40768.	3643.5	52.541	3128.6
#2	3301.1	40696.	3700.4	53.477	3053.3

Sample Name: J6070-04 Acquired: 11/29/2018 22:20:01 Type: Unk
Method: P4-ICP2(v2617) 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	.00398	.00023	.00372	.00125	-.00030	-.04268	.02567	-.00001
Stddev	.00018	.00042	.00019	.00406	.00177	.02037	.00050	.00006
%RSD	4.5350	184.70	5.0529	325.18	591.89	47.719	1.9627	1126.6
#1	.00411	-.00007	.00386	-.00162	-.00155	-.05708	.02603	-.00005
#2	.00386	.00053	.00359	.00412	.00095	-.02828	.02531	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	89.005	-.00158	-.00068	.00079	.00059	.00890	213.43
Stddev	.00004	.056	.00010	.00011	.00055	.01830	.00002	1.04
%RSD	19.277	.06304	6.1335	16.740	68.824	3102.8	.25725	.48837
#1	-.00023	88.965	-.00151	-.00060	.00041	.01353	.00892	212.69
#2	-.00018	89.045	-.00165	-.00076	.00118	-.01235	.00889	214.16
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00557	-.00047	1387.6	.00118	-.00004	72.074	.00159	.70842
Stddev	.00048	.00044	15.6	.00014	.00003	.145	.00013	.00918
%RSD	8.6188	93.309	1.1278	11.657	65.393	.20115	8.2980	1.2953
#1	-.00591	-.00016	1398.7	.00108	-.00002	71.971	.00150	.70193
#2	-.00523	-.00078	1376.5	.00128	-.00006	72.176	.00168	.71491
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 88.229	2.4380	-.03146	.00155	.03400	.0580	1.3738	6.7279
Stddev	.192	.0127	.00014	.00050	.00005	.0018	.0010	.0190
%RSD	.21810	.52032	.45488	32.316	.16066	3.051	.07041	.28220
#1	88.093	2.4291	-.03136	.00190	.03404	.0568	1.3745	6.7145
#2	88.366	2.4470	-.03156	.00119	.03396	.0593	1.3731	6.7413

Sample Name: J6070-04 Acquired: 11/29/2018 22:20:01 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82236
Stddev	.10232
%RSD	12.442

#1	.89471
#2	.75000

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.0	41563.	3665.6	52.785	3206.6
Stddev	9.2	54.	8.1	1.557	9.9
%RSD	.26879	.12885	.22122	2.9490	.30890

#1	3413.5	41525.	3671.3	53.885	3199.6
#2	3426.5	41601.	3659.9	51.684	3213.6

Sample Name: CCV13 Acquired: 11/29/2018 22:24:10 Type: Unk
Method: P4-ICP2(v2617) 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	4.7772	4.7736	4.7327	4.7594	4.8071	9.4377	9.8372	.24130
Stddev	.0072	.0003	.0014	.0151	.0027	.0511	.0584	.00088
%RSD	.14972	.00665	.02898	.31795	.05641	.54124	.59329	.36338

#1	4.7823	4.7738	4.7318	4.7701	4.8090	9.4015	9.8785	.24068
#2	4.7721	4.7733	4.7337	4.7487	4.8051	9.4738	9.7959	.24192

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3610	25.096	1.0018	2.3581	1.2208	4.8309	2.4585	24.009
Stddev	.0033	.027	.0005	.0008	.0028	.0495	.0051	.136
%RSD	.13945	.10708	.05157	.03191	.23243	1.0243	.20748	.56564

#1	2.3633	25.115	1.0014	2.3586	1.2228	4.7959	2.4549	23.913
#2	2.3586	25.077	1.0022	2.3576	1.2188	4.8659	2.4621	24.105

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3626	1.1794	24.970	2.4223	2.5800	24.996	4.8642	4.7416
Stddev	.0016	.0020	.260	.0086	.0009	.220	.0028	.0148
%RSD	.06962	.16690	1.0419	.35719	.03649	.88066	.05778	.31127

#1	2.3638	1.1808	25.154	2.4162	2.5807	25.151	4.8662	4.7521
#2	2.3615	1.1780	24.786	2.4285	2.5794	24.840	4.8622	4.7312

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9145	5.0101	4.7252	4.7879	4.9159	4.712	4.9980	F 4.1946
Stddev	.0270	.0065	.0109	.0068	.0177	.003	.0196	.0261
%RSD	.54910	.12928	.23028	.14114	.36066	.0556	.39298	.62131

#1	4.9336	5.0147	4.7329	4.7926	4.9285	4.714	5.0119	4.2130
#2	4.8954	5.0056	4.7175	4.7831	4.9034	4.710	4.9841	4.1762

Sample Name: CCV13 Acquired: 11/29/2018 22:24:10 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1295
Stddev .4087
%RSD 19.193

#1 1.8405
#2 2.4185

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.7	49924.	3874.7	55.502	3878.1
Stddev	.2	37.	21.2	.084	1.1
%RSD	.00598	.07466	.54767	.15087	.02963

#1	3917.6	49898.	3859.7	55.562	3878.9
#2	3917.9	49951.	3889.7	55.443	3877.2

Sample Name: CCB13 Acquired: 11/29/2018 22:27:57 Type: Unk
Method: P4-ICP2(v2617) 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	.00204	.00058	.00132	.00063	.00496	.00446	-.00009
Stddev	.00297	.00097	.00021	.00230	.00052	.00745	.00101	.00004
%RSD	170.17	47.244	35.964	174.86	83.635	150.06	22.764	46.579

#1	.00385	.00273	.00043	.00294	.00100	.01023	.00518	-.00011
#2	-.00036	.00136	.00073	-.00031	.00026	-.00030	.00374	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01285	.00018	-.00018	-.00040	-.02208	-.00007	-.08326
Stddev	.00002	.02532	.00047	.00014	.00004	.02962	.00003	.06075
%RSD	27.093	197.07	266.57	74.830	9.4861	134.17	45.456	72.961

#1	.00007	-.00506	.00051	-.00028	-.00042	-.00113	-.00009	-.12622
#2	.00010	.03075	-.00016	-.00009	-.00037	-.04303	-.00005	-.04031

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00110	-.00010	F .77925	.00001	-.00067	.14307	.00041	-.00435
Stddev	.00049	.00005	.02611	.00015	.00002	.02088	.00001	.00400
%RSD	44.591	56.463	3.3506	2637.7	3.2961	14.593	2.6370	91.776

#1	-.00145	-.00013	.79771	.00011	-.00068	.12831	.00042	-.00153
#2	-.00075	-.00006	.76079	-.00010	-.00065	.15783	.00040	-.00718

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04947	-.00051	-.00025	.00350	F .00543	-.0000	.00015	F 2.8966
Stddev	.00054	.00156	.00001	.00309	.00250	.0000	.00004	.0679
%RSD	1.0966	304.60	5.3100	88.289	46.140	52.51	26.926	2.3432

#1	.04908	-.00162	-.00026	.00131	.00366	-.0000	.00018	2.9446
#2	.04985	.00059	-.00024	.00568	.00720	-.0000	.00013	2.8486

Sample Name: CCB13 Acquired: 11/29/2018 22:27:57 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .32600
Stddev	.06262
%RSD	19.209

#1	.28172
#2	.37028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.0	52555.	3905.9	57.401	4484.5
Stddev	8.2	1.	37.3	1.123	5.3
%RSD	.20180	.00182	.95586	1.9570	.11753

#1	4080.8	52554.	3879.5	58.195	4488.3
#2	4069.1	52556.	3932.3	56.607	4480.8

Sample Name: J6070-05 Acquired: 11/29/2018 22:32:03 Type: Unk
Method: P4-ICP2(v2617) 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	.00254	-.00034	.00271	.00120	-.00103	-.03451	.02666	.00002
Stddev	.00140	.00038	.00021	.00261	.00054	.01768	.00005	.00011
%RSD	55.182	109.62	7.8164	218.61	52.177	51.214	.19765	471.63
#1	.00353	-.00061	.00256	.00304	-.00141	-.04701	.02670	.00010
#2	.00155	-.00008	.00286	-.00065	-.00065	-.02202	.02663	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	73.629	-.00063	-.00055	-.00011	.00764	.00871	161.78
Stddev	.00002	1.253	.00017	.00004	.00050	.00489	.00004	2.34
%RSD	9.6464	1.7012	26.922	6.8040	439.47	64.007	.49218	1.4455
#1	-.00017	72.744	-.00051	-.00058	-.00046	.00418	.00874	160.13
#2	-.00015	74.515	-.00075	-.00053	.00024	.01110	.00868	163.43
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00509	.00007	1167.2	.00074	-.00015	53.063	.00118	.51434
Stddev	.00017	.00047	28.0	.00083	.00013	1.186	.00007	.00377
%RSD	3.3650	724.41	2.3992	112.14	87.406	2.2343	5.5643	.73236
#1	-.00521	.00040	1147.4	.00133	-.00025	52.225	.00122	.51700
#2	-.00496	-.00027	1187.0	.00015	-.00006	53.901	.00113	.51168
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 71.689	2.5257	-.02592	.00355	.02623	.0505	1.0545	6.2815
Stddev	.059	.0505	.00015	.00238	.00006	.0018	.0188	.0288
%RSD	.08254	2.0015	.59030	67.028	.23771	3.480	1.7789	.45780
#1	71.731	2.4900	-.02581	.00523	.02627	.0517	1.0412	6.3018
#2	71.648	2.5615	-.02602	.00187	.02618	.0493	1.0678	6.2611

Sample Name: J6070-05 Acquired: 11/29/2018 22:32:03 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.75028
Stddev	.66879
%RSD	89.138

#1	1.2232
#2	.27738

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.3	43117.	3713.1	53.999	3343.7
Stddev	5.9	36.	73.8	3.007	7.8
%RSD	.16810	.08276	1.9868	5.5690	.23467

#1	3520.1	43092.	3765.3	56.125	3338.2
#2	3528.5	43142.	3661.0	51.872	3349.3

Sample Name: J6070-06 Acquired: 11/29/2018 22:36:12 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00160	-.00070	.00311	.00209	-.00134	-.05621	.02701	-.00003
Stddev	.00226	.00226	.00215	.00154	.00055	.01394	.00013	.00008
%RSD	141.60	320.18	69.208	73.677	41.190	24.792	.46627	269.88
#1	.00319	.00089	.00159	.00319	-.00173	-.06607	.02692	-.00008
#2	-.00000	-.00230	.00463	.00100	-.00095	-.04636	.02710	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	109.33	-.00117	-.00059	.00026	-.03065	.01012	277.02
Stddev	.00015	.83	.00029	.00009	.00057	.00466	.00010	.64
%RSD	112.95	.75901	25.201	14.938	216.03	15.220	.97458	.23249
#1	-.00024	108.75	-.00096	-.00065	-.00014	-.02735	.01019	277.47
#2	-.00003	109.92	-.00137	-.00053	.00066	-.03395	.01005	276.56
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00631	.00021	1748.5	.00088	.00070	95.243	.00213	.91766
Stddev	.00033	.00016	17.8	.00104	.00004	.164	.00013	.01164
%RSD	5.1933	76.733	1.0153	117.88	5.5871	.17227	6.1876	1.2689
#1	-.00654	.00032	1761.0	.00161	.00067	95.127	.00222	.90942
#2	-.00607	.00010	1735.9	.00015	.00073	95.359	.00203	.92589
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 106.49	2.3175	-.03814	-.00145	.04626	.0650	1.7789	7.1284
Stddev	.64	.0382	.00024	.00001	.00226	.0014	.0081	.0725
%RSD	.59816	1.6494	.63045	1.0191	4.8777	2.122	.45584	1.0172
#1	106.94	2.3446	-.03797	-.00146	.04466	.0660	1.7732	7.1797
#2	106.04	2.2905	-.03831	-.00144	.04785	.0640	1.7846	7.0771

Sample Name: J6070-06 Acquired: 11/29/2018 22:36:12 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4262
Stddev	.3121
%RSD	21.882

#1	1.2055
#2	1.6469

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3321.3	40874.	3635.2	53.224	3077.5
Stddev	23.1	75.	39.9	.169	21.0
%RSD	.69582	.18353	1.0978	.31697	.68245

#1	3304.9	40927.	3607.0	53.104	3062.6
#2	3337.6	40821.	3663.4	53.343	3092.3

Sample Name: J6070-07 Acquired: 11/29/2018 22:40:21 Type: Unk
Method: P4-ICP2(v2617) 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	.00431	-.00122	.00295	.00162	-.00202	-.05301	.02741	-.00013
Stddev	.00287	.00118	.00265	.00397	.00247	.00705	.00001	.00001
%RSD	66.474	96.598	89.981	244.90	121.91	13.298	.04447	4.3437
#1	.00634	-.00039	.00482	-.00119	-.00377	-.05799	.02742	-.00013
#2	.00229	-.00206	.00107	.00443	-.00028	-.04803	.02740	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	78.259	-.00072	-.00048	.00055	.00299	.00942	177.24
Stddev	.00000	.172	.00013	.00009	.00008	.00185	.00004	.65
%RSD	15.918	.21959	18.220	19.509	15.472	61.760	.39921	.36796
#1	-.00003	78.381	-.00063	-.00041	.00061	.00169	.00940	177.70
#2	-.00002	78.138	-.00082	-.00054	.00049	.00430	.00945	176.78
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00456	.00008	1214.4	.00069	.00012	58.925	.00125	.58980
Stddev	.00055	.00029	24.7	.00012	.00009	.173	.00013	.00193
%RSD	12.043	377.73	2.0313	16.925	81.837	.29415	10.374	.32800
#1	-.00495	.00028	1231.8	.00061	.00018	59.048	.00135	.58843
#2	-.00417	-.00013	1196.9	.00078	.00005	58.803	.00116	.59117
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.127	2.5206	-.02735	.00174	.03009	.0526	1.1473	6.5611
Stddev	.253	.0226	.00025	.00188	.00043	.0004	.0034	.0154
%RSD	.33235	.89560	.92385	108.05	1.4260	.6858	.29373	.23389
#1	76.306	2.5366	-.02717	.00041	.03039	.0528	1.1497	6.5502
#2	75.948	2.5047	-.02753	.00308	.02978	.0523	1.1449	6.5719

Sample Name: J6070-07 Acquired: 11/29/2018 22:40:21 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.77851
Stddev	.77317
%RSD	99.314

#1	1.3252
#2	.23180

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.0	42317.	3665.0	54.513	3365.9
Stddev	24.6	337.	12.0	.070	4.1
%RSD	.69458	.79691	.32649	.12894	.12270

#1	3524.6	42555.	3656.5	54.463	3363.0
#2	3559.4	42078.	3673.4	54.562	3368.9

Sample Name: J6070-08 Acquired: 11/29/2018 22:44:30 Type: Unk
Method: P4-ICP2(v2617) 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	.00196	-.00011	.00343	.00267	-.00158	-.04004	.02389	-.00008
Stddev	.00072	.00020	.00020	.00436	.00089	.02797	.00006	.00010
%RSD	36.870	179.17	5.8746	163.24	56.514	69.862	.26226	134.44
#1	.00145	.00003	.00357	.00575	-.00095	-.02026	.02394	-.00000
#2	.00246	-.00025	.00329	-.00041	-.00221	-.05982	.02385	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	65.762	-.00059	-.00026	.00078	-.00343	.00920	139.70
Stddev	.00001	.259	.00012	.00063	.00020	.01138	.00004	.32
%RSD	4.4465	.39309	20.129	239.43	26.084	332.39	.43637	.23221
#1	-.00018	65.945	-.00067	.00018	.00064	-.01147	.00923	139.93
#2	-.00019	65.579	-.00050	-.00071	.00093	.00462	.00918	139.47
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	-.00025	966.97	.00056	-.00039	47.016	.00089	.45979
Stddev	.00030	.00041	29.06	.00074	.00013	.169	.00020	.00157
%RSD	7.0825	161.87	3.0053	131.70	32.538	.35858	22.379	.34187
#1	-.00445	.00004	987.52	.00108	-.00030	47.135	.00103	.46090
#2	-.00403	-.00054	946.42	.00004	-.00048	46.897	.00075	.45867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.413	2.4058	-.02309	-.00179	.02382	.0504	.92782	5.4177
Stddev	.551	.0177	.00071	.00076	.00037	.0009	.00665	.0330
%RSD	.83016	.73667	3.0636	42.261	1.5501	1.871	.71666	.60969
#1	66.023	2.4184	-.02259	-.00126	.02408	.0497	.93252	5.3943
#2	66.803	2.3933	-.02359	-.00233	.02356	.0510	.92312	5.4410

Sample Name: J6070-08 Acquired: 11/29/2018 22:44:30 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.98295
Stddev	.34205
%RSD	34.798

#1	.74108
#2	1.2248

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.3	45364.	4032.5	59.026	3490.5
Stddev	30.1	19.	9.1	.142	37.2
%RSD	.82392	.04181	.22456	.23991	1.0652

#1	3674.6	45377.	4026.1	59.126	3516.7
#2	3632.0	45350.	4038.9	58.926	3464.2

Sample Name: J6070-09 Acquired: 11/29/2018 22:48:39 Type: Unk
Method: P4-ICP2(v2617) 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	.00213	.00125	.00233	.00485	-.00133	-.00399	.02699	.00005
Stddev	.00036	.00028	.00119	.00055	.00035	.01268	.00373	.00003
%RSD	16.748	22.372	51.103	11.439	26.206	317.93	13.808	56.542
#1	.00188	.00105	.00149	.00524	-.00158	.00498	.02436	.00003
#2	.00238	.00144	.00318	.00446	-.00109	-.01295	.02963	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	67.019	-.00086	-.00046	.00063	.00759	.00885	137.28
Stddev	.00007	1.616	.00069	.00007	.00017	.01127	.00012	4.07
%RSD	47.928	2.4109	80.252	15.349	27.297	148.53	1.3016	2.9650
#1	-.00009	65.877	-.00136	-.00041	.00075	.01556	.00877	134.40
#2	-.00019	68.162	-.00037	-.00051	.00051	-.00038	.00893	140.15
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00464	.00022	1000.1	.00094	.00063	45.471	.00098	.44763
Stddev	.00086	.00106	3.7	.00011	.00023	.919	.00023	.02404
%RSD	18.509	478.18	.37090	11.624	36.323	2.0211	23.080	5.3699
#1	-.00524	.00097	997.46	.00102	.00046	44.821	.00082	.43063
#2	-.00403	-.00053	1002.7	.00086	.00079	46.121	.00115	.46463
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.669	2.6913	-.02275	.00023	.02097	.0500	.91748	6.4170
Stddev	.157	.0714	.00075	.00125	.00373	.0001	.01861	.0150
%RSD	.24645	2.6522	3.2827	536.13	17.797	.1106	2.0280	.23365
#1	63.780	2.6409	-.02222	.00112	.01833	.0500	.90433	6.4064
#2	63.558	2.7418	-.02327	-.00065	.02360	.0500	.93064	6.4276

Sample Name: J6070-09 Acquired: 11/29/2018 22:48:39 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75917
Stddev .07277
%RSD 9.5850

#1 .81062
#2 .70772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3513.2	42634.	3656.5	53.565	3360.7
Stddev	31.1	90.	84.2	1.070	22.1
%RSD	.88587	.21018	2.3022	1.9970	.65791

#1	3491.2	42697.	3716.0	54.321	3345.0
#2	3535.2	42571.	3597.0	52.809	3376.3

Sample Name: J6070-10 Acquired: 11/29/2018 22:52:48 Type: Unk
Method: P4-ICP2(v2617) 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	.00394	.00041	.00154	.00338	-.00010	-.01881	.02656	-.00000
Stddev	.00081	.00201	.00011	.00009	.00055	.00465	.00110	.00008
%RSD	20.450	490.70	7.3522	2.6254	559.40	24.705	4.1484	8921.8

#1	.00451	.00183	.00146	.00345	-.00049	-.02210	.02578	-.00006
#2	.00337	-.00101	.00162	.00332	.00029	-.01553	.02734	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	63.651	-.00074	-.00031	.00085	.01753	.00851	126.25
Stddev	.00004	.358	.00024	.00026	.00010	.01816	.00004	.55
%RSD	26.020	.56170	32.633	83.615	11.268	103.56	.49394	.43554

#1	-.00019	63.399	-.00057	-.00013	.00079	.03037	.00854	125.86
#2	-.00013	63.904	-.00091	-.00050	.00092	.00469	.00848	126.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00414	-.00053	910.47	.00113	-.00026	42.095	.00075	.42092
Stddev	.00020	.00077	.34	.00024	.00003	.017	.00027	.01097
%RSD	4.9197	145.89	.03735	21.165	12.277	.04081	36.466	2.6054

#1	-.00400	-.00107	910.23	.00096	-.00024	42.107	.00056	.42868
#2	-.00429	.00002	910.71	.00130	-.00028	42.083	.00094	.41317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 58.971	2.6348	-.02089	-.00046	.02181	.0469	.85865	5.8019
Stddev	.335	.0258	.00014	.00007	.00131	.0019	.00446	.2175
%RSD	.56795	.97871	.65777	16.128	5.9867	4.056	.51904	3.7488

#1	58.734	2.6530	-.02080	-.00041	.02089	.0482	.85549	5.9557
#2	59.208	2.6166	-.02099	-.00051	.02274	.0455	.86180	5.6481

Sample Name: J6070-10 Acquired: 11/29/2018 22:52:48 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.87504
Stddev	.37954
%RSD	43.374

#1	1.1434
#2	.60666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.0	44319.	3762.9	54.421	3536.1
Stddev	.1	103.	4.2	.537	24.7
%RSD	.00261	.23128	.11057	.98591	.69820

#1	3675.0	44246.	3759.9	54.042	3553.6
#2	3675.1	44391.	3765.8	54.801	3518.6

Sample Name: J6070-11 Acquired: 11/29/2018 22:56:57 Type: Unk
Method: P4-ICP2(v2617) 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	.00031	.00066	.00078	.00331	-.00316	-.02280	.02314	-.00007
Stddev	.00274	.00015	.00236	.00265	.00170	.01261	.00019	.00002
%RSD	879.56	23.057	301.79	80.287	53.760	55.333	.81639	27.981
#1	-.00163	.00055	.00245	.00143	-.00196	-.01388	.02328	-.00009
#2	.00225	.00076	-.00089	.00518	-.00436	-.03172	.02301	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	58.954	-.00058	-.00019	.00048	.00738	.00815	119.33
Stddev	.00010	.588	.00010	.00005	.00021	.01013	.00009	.43
%RSD	91.610	.99778	17.080	26.273	43.503	137.34	1.1450	.35626
#1	-.00004	58.538	-.00065	-.00015	.00063	.01454	.00821	119.03
#2	-.00019	59.370	-.00051	-.00022	.00033	.00021	.00808	119.63
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00319	-.00016	869.80	.00071	-.00033	39.534	.00064	.39438
Stddev	.00027	.00049	7.44	.00031	.00011	.178	.00002	.00774
%RSD	8.5393	316.79	.85484	42.925	34.244	.44989	3.5279	1.9630
#1	-.00299	.00019	875.05	.00093	-.00025	39.408	.00066	.38891
#2	-.00338	-.00050	864.54	.00050	-.00041	39.660	.00062	.39986
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 57.720	2.4540	-.02087	.00018	.01847	.0438	.79660	4.7915
Stddev	.025	.0090	.00033	.00048	.00012	.0005	.00590	.3148
%RSD	.04388	.36570	1.6001	273.11	.66149	1.189	.74016	6.5708
#1	57.738	2.4477	-.02064	-.00016	.01855	.0442	.79243	5.0141
#2	57.702	2.4603	-.02111	.00052	.01838	.0434	.80076	4.5689

Sample Name: J6070-11 Acquired: 11/29/2018 22:56:57 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2686
 Stddev .1776
 %RSD 14.003

#1 1.3943
 #2 1.1430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3789.5	46658.	4009.8	58.960	3649.9
Stddev	24.7	472.	3.2	.486	.3
%RSD	.65256	1.0126	.08049	.82428	.00903

#1	3772.0	46324.	4012.0	58.616	3649.7
#2	3806.9	46992.	4007.5	59.304	3650.1

Sample Name: J6070-12 Acquired: 11/29/2018 23:01:06 Type: Unk
Method: P4-ICP2(v2617) 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	.00281	-.00039	.00461	.00406	.00078	-.03627	.02306	-.00006
Stddev	.00155	.00136	.00069	.00334	.00187	.00763	.00096	.00001
%RSD	55.110	348.82	14.896	82.220	241.33	21.029	4.1622	16.122

#1	.00172	-.00136	.00509	.00170	.00210	-.04167	.02238	-.00007
#2	.00391	.00057	.00412	.00641	-.00055	-.03088	.02373	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	106.23	-.00147	-.00048	.00046	-.02286	.00749	275.13
Stddev	.00001	.02	.00039	.00042	.00019	.01068	.00004	.20
%RSD	4.1848	.01473	26.413	87.350	42.635	46.707	.48041	.07192

#1	-.00023	106.24	-.00119	-.00078	.00059	-.03042	.00746	274.99
#2	-.00021	106.22	-.00174	-.00018	.00032	-.01531	.00751	275.27

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00545	-.00013	1646.1	.00111	.00020	95.818	.00191	.91444
Stddev	.00062	.00033	4.4	.00085	.00000	.074	.00011	.01764
%RSD	11.285	257.24	.26617	76.742	1.8180	.07751	5.8239	1.9286

#1	-.00588	-.00036	1649.2	.00051	.00020	95.765	.00184	.90197
#2	-.00502	.00010	1643.0	.00171	.00019	95.871	.00199	.92691

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 107.83	2.1539	-.03854	-.00139	.04626	.0618	1.7525	6.1227
Stddev	1.24	.0179	.00029	.00136	.00255	.0026	.0053	.0329
%RSD	1.1510	.82861	.75341	97.737	5.5107	4.184	.30235	.53777

#1	106.95	2.1413	-.03833	-.00043	.04446	.0600	1.7563	6.0994
#2	108.70	2.1665	-.03874	-.00236	.04806	.0637	1.7488	6.1460

Sample Name: J6070-12 Acquired: 11/29/2018 23:01:06 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1168
Stddev	.5785
%RSD	51.803

#1	1.5259
#2	.70772

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.7	42486.	3854.2	55.237	3148.7
Stddev	50.8	247.	20.2	1.269	41.2
%RSD	1.4911	.58252	.52405	2.2970	1.3081

#1	3440.6	42661.	3868.5	56.135	3177.8
#2	3368.8	42311.	3840.0	54.340	3119.6

Sample Name: J6070-13 Acquired: 11/29/2018 23:05:16 Type: Unk
Method: P4-ICP2(v2617) 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	.00322	.00094	.00342	.00394	-.00080	-.03208	.02299	-.00002
Stddev	.00176	.00053	.00114	.00090	.00005	.00220	.00267	.00010
%RSD	54.675	56.275	33.377	22.848	5.7861	6.8575	11.598	448.96
#1	.00198	.00057	.00423	.00330	-.00076	-.03053	.02110	-.00009
#2	.00447	.00132	.00261	.00457	-.00083	-.03364	.02487	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	75.388	-.00078	-.00059	.00069	-.01065	.00793	172.63
Stddev	.00005	2.070	.00008	.00003	.00024	.01250	.00001	5.20
%RSD	52.277	2.7459	10.912	5.7906	34.625	117.34	.14216	3.0109
#1	-.00006	73.924	-.00072	-.00061	.00085	-.00181	.00792	168.95
#2	-.00013	76.852	-.00084	-.00056	.00052	-.01949	.00794	176.30
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00457	.00041	1199.5	.00070	-.00032	58.170	.00113	.57051
Stddev	.00019	.00056	9.5	.00036	.00005	1.712	.00014	.01620
%RSD	4.1557	134.91	.79302	51.530	15.273	2.9437	11.955	2.8389
#1	-.00443	.00002	1192.8	.00096	-.00035	56.959	.00123	.55905
#2	-.00470	.00081	1206.3	.00045	-.00028	59.381	.00104	.58196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 77.060	2.3925	-.02815	-.00131	.02777	.0495	1.1170	5.4363
Stddev	.200	.0884	.00078	.00099	.00053	.0015	.0316	.1535
%RSD	.26012	3.6952	2.7802	75.754	1.8929	3.013	2.8272	2.8246
#1	77.202	2.3300	-.02870	-.00061	.02740	.0506	1.0946	5.5448
#2	76.919	2.4551	-.02760	-.00201	.02814	.0485	1.1393	5.3277

Sample Name: J6070-13 Acquired: 11/29/2018 23:05:16 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.90570
Stddev	.18096
%RSD	19.980

#1	.77775
#2	1.0337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3588.2	44214.	3884.6	57.885	3381.2
Stddev	3.8	217.	117.4	2.648	7.6
%RSD	.10702	.49023	3.0229	4.5755	.22504

#1	3590.9	44061.	3967.7	59.758	3386.6
#2	3585.5	44367.	3801.6	56.012	3375.8

Sample Name: J6070-14 Acquired: 11/29/2018 23:09:25 Type: Unk
Method: P4-ICP2(v2617) 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	.00057	.00025	.00180	.00342	.00058	.00339	.02453	.00000
Stddev	.00164	.00012	.00052	.00007	.00125	.01502	.00163	.00009
%RSD	288.15	48.034	28.773	2.1786	216.16	443.35	6.6403	2455.9
#1	-.00059	.00034	.00217	.00337	.00146	.01401	.02338	-.00006
#2	.00173	.00017	.00144	.00347	-.00031	-.00723	.02568	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	55.927	-.00042	-.00059	.00044	-.00527	.00727	105.59
Stddev	.00005	.318	.00090	.00008	.00029	.00568	.00004	.31
%RSD	53.862	.56780	215.45	13.084	66.574	107.73	.51442	.29470
#1	-.00014	55.703	.00022	-.00065	.00023	-.00929	.00725	105.37
#2	-.00006	56.152	-.00105	-.00054	.00064	-.00126	.00730	105.81
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00381	-.00031	780.00	.00086	-.00049	34.991	.00088	.34315
Stddev	.00019	.00068	.23	.00034	.00013	.285	.00014	.00786
%RSD	4.8971	220.22	.02890	39.345	26.784	.81387	16.188	2.2901
#1	-.00394	-.00079	780.16	.00110	-.00040	34.790	.00078	.34871
#2	-.00367	.00017	779.84	.00062	-.00059	35.192	.00098	.33760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 52.442	2.5789	-.01900	.00111	.01491	.0438	.71684	4.7668
Stddev	.234	.0260	.00087	.00062	.00077	.0001	.00601	.0026
%RSD	.44586	1.0096	4.5994	55.502	5.1307	.3076	.83783	.05479
#1	52.277	2.5604	-.01838	.00155	.01437	.0437	.71259	4.7649
#2	52.608	2.5973	-.01962	.00067	.01545	.0439	.72108	4.7686

Sample Name: J6070-14 Acquired: 11/29/2018 23:09:25 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.36409
Stddev	.09581
%RSD	26.315

#1	.43184
#2	.29634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3732.6	46554.	3950.5	58.773	3622.3
Stddev	6.4	65.	34.4	.427	5.1
%RSD	.17227	.13946	.87009	.72709	.14215

#1	3737.1	46600.	3974.8	58.471	3626.0
#2	3728.0	46508.	3926.2	59.075	3618.7

Sample Name: CCV14 Acquired: 11/29/2018 23:13:34 Type: Unk
Method: P4-ICP2(v2617) 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	4.8600	4.8361	4.7807	4.8289	4.8631	9.5359	10.112	.24364
Stddev	.0036	.0113	.0189	.0036	.0032	.0041	.002	.00100
%RSD	.07313	.23406	.39477	.07370	.06497	.04326	.02375	.41179
#1	4.8625	4.8281	4.7674	4.8264	4.8654	9.5330	10.113	.24435
#2	4.8575	4.8441	4.7941	4.8314	4.8609	9.5388	10.110	.24293
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3842	25.401	1.0153	2.3835	1.2387	4.9068	2.4914	24.536
Stddev	.0040	.017	.0022	.0051	.0010	.1153	.0081	.028
%RSD	.16871	.06774	.21446	.21299	.07839	2.3509	.32552	.11469
#1	2.3814	25.413	1.0138	2.3799	1.2394	4.8253	2.4971	24.556
#2	2.3871	25.389	1.0169	2.3871	1.2380	4.9884	2.4857	24.517
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3957	1.2045	25.766	2.4804	2.6074	25.730	4.9533	4.8489
Stddev	.0070	.0057	.109	.0117	.0418	.048	.0023	.0036
%RSD	.29249	.47668	.42201	.47215	1.6030	.18845	.04600	.07363
#1	2.3908	1.2086	25.689	2.4887	2.5778	25.696	4.9517	4.8514
#2	2.4007	1.2004	25.843	2.4721	2.6369	25.764	4.9549	4.8463
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0190	5.1143	4.7932	4.9196	5.0571	4.756	5.0690	F 3.9080
Stddev	.0009	.0019	.0125	.0144	.0072	.000	.0022	.0514
%RSD	.01847	.03781	.26065	.29277	.14156	.0072	.04312	1.3147
#1	5.0197	5.1157	4.7843	4.9094	5.0520	4.756	5.0674	3.9443
#2	5.0184	5.1130	4.8020	4.9298	5.0621	4.756	5.0705	3.8716

Sample Name: CCV14 Acquired: 11/29/2018 23:13:34 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6212
Stddev	.3240
%RSD	12.361

#1	2.3921
#2	2.8504

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3923.3	49933.	3862.3	55.567	3885.0
Stddev	9.7	246.	24.4	.746	5.8
%RSD	.24650	.49334	.63262	1.3420	.14949

#1	3916.5	49759.	3845.1	56.094	3880.9
#2	3930.1	50107.	3879.6	55.039	3889.1

Sample Name: CCB14 Acquired: 11/29/2018 23:17:20 Type: Unk
Method: P4-ICP2(v2617) 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	.00196	.00224	-.00072	.00117	.00114	-.00721	.00312	-.00005
Stddev	.00144	.00020	.00013	.00200	.00090	.00766	.00085	.00007
%RSD	73.566	9.0841	18.293	171.08	78.946	106.24	27.391	146.09
#1	.00094	.00238	-.00082	.00258	.00177	-.01262	.00372	.00000
#2	.00298	.00210	-.00063	-.00024	.00050	-.00179	.00251	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.02193	.00007	-.00020	.00007	.00045	-.00003	-.01080
Stddev	.00008	.02900	.00009	.00006	.00021	.00294	.00002	.01378
%RSD	92.418	132.21	128.74	32.946	309.62	656.74	64.359	127.63
#1	.00014	.00143	.00013	-.00015	.00021	.00253	-.00001	-.02054
#2	.00003	.04244	.00001	-.00024	-.00008	-.00163	-.00004	-.00105
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00016	F .79831	-.00017	-.00059	.17607	.00047	.00326
Stddev	.00019	.00016	.01373	.00060	.00006	.01199	.00051	.00283
%RSD	34.868	97.688	1.7201	362.71	9.7026	6.8073	109.50	86.581
#1	-.00068	-.00005	.80802	.00026	-.00063	.18454	.00083	.00526
#2	-.00041	-.00027	.78860	-.00059	-.00054	.16759	.00011	.00127
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06583	-.00256	.00034	.00312	F .00537	.0008	.00014	F 2.2011
Stddev	.00242	.00056	.00039	.00028	.00297	.0013	.00020	.0968
%RSD	3.6694	21.742	112.62	8.8506	55.237	177.8	148.79	4.3977
#1	.06754	-.00295	.00062	.00292	.00747	-.0002	.00028	2.2696
#2	.06412	-.00216	.00007	.00331	.00327	.0017	-.00001	2.1327

Sample Name: CCB14 Acquired: 11/29/2018 23:17:20 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .73846
 Stddev .29266
 %RSD 39.630

#1 .53152
 #2 .94540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.0	53190.	3948.4	58.251	4542.5
Stddev	14.2	119.	46.1	.384	18.3
%RSD	.34638	.22323	1.1667	.65936	.40192

#1	4101.9	53106.	3915.9	57.980	4529.6
#2	4122.0	53274.	3981.0	58.523	4555.4

Sample Name: J6071-01 Acquired: 11/29/2018 23:21:27 Type: Unk
Method: P4-ICP2(v2617) 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	.00371	.00013	.00217	.00329	-.00093	-.03944	.02522	-.00007
Stddev	.00038	.00081	.00010	.00358	.00001	.01201	.00004	.00001
%RSD	10.313	609.02	4.5090	108.76	1.4594	30.464	.15523	19.581
#1	.00344	.00071	.00210	.00076	-.00094	-.03094	.02519	-.00008
#2	.00398	-.00044	.00224	.00583	-.00092	-.04793	.02525	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	71.710	-.00068	-.00040	.00093	-.01992	.00296	162.74
Stddev	.00008	.281	.00008	.00003	.00001	.01263	.00006	.21
%RSD	66.923	.39242	11.556	6.6075	.78120	63.423	2.0266	.12954
#1	-.00017	71.909	-.00062	-.00042	.00092	-.01099	.00292	162.89
#2	-.00006	71.511	-.00073	-.00038	.00093	-.02885	.00300	162.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	-.00040	1182.6	.00076	-.00001	53.798	.00135	.53612
Stddev	.00109	.00052	25.0	.00003	.00002	.215	.00019	.01232
%RSD	26.032	130.49	2.1111	3.6086	143.41	.39872	13.753	2.2974
#1	-.00340	-.00076	1200.2	.00074	-.00002	53.950	.00122	.52742
#2	-.00494	-.00003	1164.9	.00078	.00000	53.647	.00148	.54483
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 72.302	2.5000	-.02624	-.00113	.02731	.0531	1.0381	4.8795
Stddev	.318	.0298	.00034	.00119	.00097	.0020	.0029	.3429
%RSD	.43937	1.1927	1.2918	105.63	3.5617	3.743	.27800	7.0267
#1	72.077	2.5210	-.02648	-.00197	.02800	.0517	1.0402	4.6371
#2	72.526	2.4789	-.02600	-.00029	.02662	.0545	1.0361	5.1220

Sample Name: J6071-01 Acquired: 11/29/2018 23:21:27 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.90370
Stddev	.38496
%RSD	42.599

#1	1.1759
#2	.63149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3662.2	45618.	3908.1	56.586	3476.0
Stddev	11.6	972.	40.3	.425	15.7
%RSD	.31779	2.1304	1.0323	.75081	.45063

#1	3670.4	46305.	3879.6	56.285	3487.0
#2	3653.9	44931.	3936.6	56.886	3464.9

Sample Name: J6071-02 Acquired: 11/29/2018 23:25:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00269	.00001	.00340	.00347	-.00127	-.04541	.02458	.00000
Stddev	.00071	.00050	.00125	.00157	.00006	.02148	.00066	.00002
%RSD	26.404	3910.5	36.823	45.088	4.9758	47.314	2.6804	857.43
#1	.00320	.00037	.00429	.00458	-.00132	-.06060	.02504	-.00001
#2	.00219	-.00034	.00252	.00237	-.00123	-.03022	.02411	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	69.941	-.00042	-.00059	.00067	-.00638	.00270	155.46
Stddev	.00002	1.524	.00030	.00013	.00012	.01040	.00013	3.41
%RSD	11.381	2.1791	71.454	22.097	17.672	163.06	4.7325	2.1951
#1	-.00017	71.019	-.00021	-.00068	.00058	-.01373	.00261	157.87
#2	-.00015	68.863	-.00063	-.00050	.00075	.00098	.00279	153.04
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00430	-.00029	1118.5	.00041	-.00016	51.785	.00121	.49602
Stddev	.00095	.00036	2.8	.00038	.00005	1.106	.00001	.02219
%RSD	22.169	122.82	.24751	92.739	32.702	2.1361	.82730	4.4726
#1	-.00498	-.00055	1120.4	.00014	-.00012	52.567	.00120	.51171
#2	-.00363	-.00004	1116.5	.00067	-.00020	51.003	.00122	.48033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 69.614	2.5513	-.02568	-.00073	.02577	.0533	.99857	4.7457
Stddev	.134	.0619	.00019	.00080	.00257	.0010	.01975	.1119
%RSD	.19306	2.4246	.75014	108.80	9.9546	1.794	1.9774	2.3584
#1	69.709	2.5950	-.02582	-.00017	.02759	.0526	1.0125	4.8249
#2	69.519	2.5075	-.02554	-.00130	.02396	.0540	.98461	4.6666

Sample Name: J6071-02 Acquired: 11/29/2018 23:25:36 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.67627
Stddev	.49489
%RSD	73.179

#1	.32633
#2	1.0262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3654.9	45889.	3915.0	57.012	3488.0
Stddev	46.6	9.	81.5	2.436	34.5
%RSD	1.2752	.01980	2.0823	4.2721	.98832

#1	3687.8	45895.	3857.4	55.290	3512.4
#2	3621.9	45882.	3972.7	58.734	3463.7

Sample Name: J6071-03 Acquired: 11/29/2018 23:29:45 Type: Unk
Method: P4-ICP2(v2617) 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	.00225	-.00024	.00204	.00131	.00003	-.03324	.02359	-.00003
Stddev	.00079	.00168	.00106	.00437	.00059	.00001	.00080	.00005
%RSD	34.865	691.02	51.706	332.47	1882.2	.03202	3.3846	150.80

#1	.00170	.00094	.00279	-.00178	-.00038	-.03325	.02415	-.00007
#2	.00281	-.00143	.00130	.00440	.00045	-.03324	.02302	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	67.530	-.00132	-.00057	.00124	-.02907	.00259	150.42
Stddev	.00003	1.521	.00007	.00007	.00026	.02240	.00001	3.56
%RSD	33.159	2.2521	5.2518	12.811	20.966	77.063	.40781	2.3640

#1	-.00008	68.605	-.00137	-.00062	.00142	-.01323	.00260	152.94
#2	-.00013	66.454	-.00127	-.00052	.00105	-.04491	.00259	147.91

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00413	-.00021	1059.1	.00068	-.00027	49.905	.00075	.48452
Stddev	.00065	.00069	19.6	.00059	.00007	.904	.00014	.01014
%RSD	15.796	333.31	1.8504	86.452	25.313	1.8121	18.117	2.0918

#1	-.00367	.00028	1072.9	.00110	-.00022	50.545	.00085	.47735
#2	-.00460	-.00070	1045.2	.00026	-.00032	49.266	.00066	.49169

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.705	2.5238	-.02496	.00126	.02190	.0539	.95937	4.7969
Stddev	.617	.0273	.00023	.00262	.00090	.0023	.01926	.1213
%RSD	.89737	1.0798	.93203	207.99	4.1129	4.319	2.0075	2.5278

#1	68.269	2.5431	-.02513	.00311	.02254	.0556	.97299	4.8826
#2	69.141	2.5045	-.02480	-.00059	.02126	.0523	.94575	4.7111

Sample Name: J6071-03 Acquired: 11/29/2018 23:29:45 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.78910
Stddev	.26196
%RSD	33.197

#1	.97434
#2	.60387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3678.8	45863.	3965.1	59.587	3495.3
Stddev	43.5	143.	70.5	2.654	33.8
%RSD	1.1835	.31158	1.7783	4.4547	.96561

#1	3709.6	45964.	3915.3	57.710	3519.1
#2	3648.0	45762.	4015.0	61.464	3471.4

Sample Name: J6071-04 Acquired: 11/29/2018 23:33:54 Type: Unk
Method: P4-ICP2(v2617) 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	-.00100	.00086	.00338	.00492	-.00345	-.02705	.02586	-.00006
Stddev	.00209	.00179	.00004	.00002	.00035	.00792	.00169	.00005
%RSD	209.53	208.17	1.2880	.50420	10.261	29.260	6.5452	75.808

#1	.00048	-.00041	.00335	.00490	-.00370	-.02145	.02706	-.00003
#2	-.00248	.00213	.00341	.00494	-.00320	-.03265	.02467	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00024	83.585	-.00079	-.00082	.00099	-.00415	.00336	200.93
Stddev	.00008	.566	.00020	.00023	.00023	.00369	.00008	.55
%RSD	30.919	.67669	24.756	27.931	23.290	88.741	2.4242	.27368

#1	-.00019	83.985	-.00093	-.00099	.00082	-.00155	.00331	201.32
#2	-.00030	83.185	-.00065	-.00066	.00115	-.00676	.00342	200.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00575	-.00063	1347.7	.00087	-.00014	67.477	.00123	.64689
Stddev	.00047	.00028	52.0	.00008	.00005	.393	.00005	.00520
%RSD	8.2388	44.494	3.8589	8.9493	37.960	.58311	4.3122	.80372

#1	-.00608	-.00043	1384.5	.00093	-.00010	67.756	.00119	.65056
#2	-.00541	-.00083	1311.0	.00082	-.00018	67.199	.00127	.64321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 85.098	2.5399	-.03057	-.00169	.03409	.0613	1.2582	6.1860
Stddev	.590	.0229	.00025	.00255	.00075	.0006	.0089	.0005
%RSD	.69299	.90264	.80973	150.79	2.2085	1.019	.70663	.00821

#1	84.681	2.5561	-.03074	.00011	.03463	.0617	1.2644	6.1857
#2	85.515	2.5237	-.03039	-.00350	.03356	.0609	1.2519	6.1864

Sample Name: J6071-04 Acquired: 11/29/2018 23:33:54 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.0054
Stddev .2333
%RSD 23.207

#1 .84043
#2 1.1704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3414.3	42108.	3728.8	54.211	3191.3
Stddev	21.8	266.	35.8	.712	17.5
%RSD	.63794	.63277	.96134	1.3138	.54905

#1	3429.7	41920.	3703.5	53.707	3203.7
#2	3398.9	42297.	3754.2	54.715	3178.9

Sample Name: J6071-05 Acquired: 11/29/2018 23:38:03 Type: Unk
Method: P4-ICP2(v2617) 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	.00043	.00101	.00304	.00500	-.00041	.07099	.02794	-.00003
Stddev	.00328	.00064	.00206	.00060	.00024	.00139	.00010	.00008
%RSD	759.79	63.701	67.630	12.048	59.301	1.9511	.35580	291.18
#1	.00275	.00055	.00450	.00542	-.00058	.07001	.02801	-.00009
#2	-.00189	.00146	.00159	.00457	-.00024	.07197	.02787	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	79.143	-.00101	-.00078	.00081	-.01134	.00303	179.43
Stddev	.00005	1.873	.00001	.00020	.00034	.00711	.00003	5.13
%RSD	23.956	2.3667	1.0410	26.039	42.743	62.643	1.1370	2.8616
#1	-.00017	80.468	-.00102	-.00064	.00105	-.01637	.00301	183.06
#2	-.00024	77.819	-.00100	-.00093	.00056	-.00632	.00306	175.80
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00539	.00056	1259.3	.00143	.00010	60.410	.00107	.59676
Stddev	.00009	.00066	50.7	.00017	.00023	1.404	.00011	.05027
%RSD	1.6886	117.99	4.0262	11.611	243.26	2.3244	10.202	8.4235
#1	-.00546	.00009	1295.2	.00131	.00026	61.403	.00099	.63231
#2	-.00533	.00103	1223.5	.00155	-.00007	59.417	.00115	.56122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 75.320	2.7312	-.02715	.00028	.02976	.0551	1.1448	5.8901
Stddev	.720	.0618	.00020	.00087	.00161	.0000	.0270	.1102
%RSD	.95591	2.2636	.72297	305.97	5.3997	.0563	2.3563	1.8717
#1	74.811	2.7749	-.02701	.00090	.03090	.0551	1.1639	5.8121
#2	75.829	2.6875	-.02729	-.00033	.02862	.0552	1.1258	5.9681

Sample Name: J6071-05 Acquired: 11/29/2018 23:38:03 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0156
Stddev	.4906
%RSD	48.305

#1	1.3625
#2	.66873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.3	42741.	3586.2	52.522	3294.3
Stddev	47.8	716.	84.9	.038	34.8
%RSD	1.3727	1.6751	2.3686	.07240	1.0577

#1	3515.1	43247.	3526.1	52.495	3318.9
#2	3447.5	42235.	3646.3	52.549	3269.7

Sample Name: J6071-06 Acquired: 11/29/2018 23:42:12 Type: Unk
Method: P4-ICP2(v2617) 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	.00437	-.00001	.00223	.00364	-.00086	-.03613	.02568	-.00010
Stddev	.00215	.00056	.00108	.00298	.00026	.00169	.00040	.00005
%RSD	49.127	8782.2	48.205	81.879	30.146	4.6792	1.5563	54.369
#1	.00285	-.00040	.00300	.00574	-.00068	-.03732	.02540	-.00013
#2	.00589	.00039	.00147	.00153	-.00105	-.03493	.02597	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	82.748	-.00097	-.00050	.00086	-.03004	.00310	196.84
Stddev	.00003	.172	.00034	.00023	.00016	.00474	.00002	.51
%RSD	39.182	.20743	34.830	45.357	18.798	15.788	.69256	.25845
#1	-.00009	82.869	-.00073	-.00066	.00097	-.02669	.00309	197.20
#2	-.00005	82.626	-.00121	-.00034	.00075	-.03339	.00312	196.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00552	-.00025	1345.6	.00092	-.00018	66.251	.00127	.63994
Stddev	.00002	.00034	14.1	.00085	.00017	.084	.00008	.00076
%RSD	.35853	137.22	1.0505	92.451	90.912	.12623	6.5683	.11932
#1	-.00554	-.00048	1335.6	.00153	-.00030	66.311	.00121	.64048
#2	-.00551	-.00001	1355.6	.00032	-.00007	66.192	.00133	.63940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.738	2.6162	-.02878	-.00149	.03295	.0621	1.2387	6.0380
Stddev	.397	.0353	.00083	.00047	.00076	.0023	.0013	.0223
%RSD	.47366	1.3493	2.8925	31.501	2.2998	3.749	.10449	.36906
#1	83.457	2.6411	-.02936	-.00116	.03242	.0637	1.2396	6.0223
#2	84.018	2.5912	-.02819	-.00182	.03349	.0605	1.2378	6.0538

Sample Name: J6071-06 Acquired: 11/29/2018 23:42:12 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1047
Stddev .0830
%RSD 7.5173

#1 1.1635
#2 1.0460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.6	42611.	3713.9	53.766	3234.8
Stddev	21.1	118.	.4	.930	15.4
%RSD	.61261	.27596	.00969	1.7299	.47526

#1	3462.6	42528.	3713.7	53.108	3245.7
#2	3432.7	42694.	3714.2	54.424	3223.9

Sample Name: J6078-02 Acquired: 11/29/2018 23:46:22 Type: Unk
Method: P4-ICP2(v2617) 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	.00155	.00094	.00108	.00150	-.00165	-.00022	.02417	-.00006
Stddev	.00032	.00010	.00079	.00011	.00171	.01921	.00029	.00004
%RSD	20.610	10.719	73.224	7.3571	103.64	8656.8	1.1993	64.599
#1	.00178	.00087	.00165	.00158	-.00044	.01336	.02438	-.00003
#2	.00132	.00101	.00052	.00142	-.00286	-.01381	.02397	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	41.468	-.00087	-.00032	.00132	.00111	.00203	55.763
Stddev	.00002	.329	.00020	.00025	.00001	.02312	.00004	.313
%RSD	19.632	.79242	23.476	78.410	.73888	2075.5	1.9188	.56050
#1	-.00009	41.236	-.00073	-.00049	.00131	.01747	.00200	55.542
#2	-.00012	41.701	-.00102	-.00014	.00133	-.01524	.00205	55.984
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	-.00022	425.81	.00063	-.00039	18.349	.00022	.18426
Stddev	.00055	.00025	11.59	.00006	.00015	.101	.00031	.00783
%RSD	363.90	116.29	2.7222	9.4355	38.060	.55074	140.92	4.2472
#1	-.00024	-.00040	417.61	.00067	-.00049	18.278	.00044	.17873
#2	.00054	-.00004	434.00	.00059	-.00028	18.421	.00000	.18980
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.657	3.0197	-.01044	.00297	.00791	.0419	.41511	4.3578
Stddev	.158	.0125	.00045	.00058	.00081	.0011	.00382	.2486
%RSD	.51640	.41309	4.3484	19.415	10.187	2.656	.91929	5.7038
#1	30.769	3.0109	-.01076	.00256	.00734	.0427	.41241	4.5335
#2	30.545	3.0286	-.01012	.00337	.00848	.0411	.41781	4.1820

Sample Name: J6078-02 Acquired: 11/29/2018 23:46:22 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .30885
Stddev .01769
%RSD 5.7286

#1 .32137
#2 .29634

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3777.6	46968.	3796.4	56.928	3755.8
Stddev	24.1	2.	13.2	.965	42.8
%RSD	.63831	.00414	.34779	1.6949	1.1402

#1	3760.6	46970.	3805.7	57.611	3725.6
#2	3794.7	46967.	3787.0	56.246	3786.1

Sample Name: J6078-03 Acquired: 11/29/2018 23:50:31 Type: Unk
Method: P4-ICP2(v2617) 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	.00410	-.00016	.00110	.00227	.00016	-.01342	.02314	-.00002
Stddev	.00153	.00138	.00046	.00121	.00210	.00166	.00062	.00003
%RSD	37.178	841.00	41.753	53.312	1310.5	12.356	2.6670	122.62
#1	.00303	-.00114	.00142	.00313	-.00132	-.01225	.02358	-.00000
#2	.00518	.00081	.00077	.00142	.00164	-.01459	.02271	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	40.304	-.00046	-.00032	.00117	.00472	.00180	51.410
Stddev	.00003	.121	.00014	.00008	.00016	.00927	.00019	.381
%RSD	51.226	.29961	29.939	25.120	13.428	196.37	10.737	.74020
#1	-.00007	40.219	-.00036	-.00038	.00106	.01128	.00194	51.141
#2	-.00003	40.390	-.00055	-.00026	.00128	-.00183	.00167	51.679
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	-.00029	393.42	.00077	.00023	16.864	.00018	.16432
Stddev	.00048	.00085	1.92	.00005	.00010	.031	.00010	.00836
%RSD	17.435	295.40	.48823	6.4539	42.331	.18150	54.756	5.0852
#1	-.00312	.00031	392.06	.00073	.00029	16.885	.00011	.15841
#2	-.00243	-.00088	394.78	.00080	.00016	16.842	.00025	.17023
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.085	3.0133	-.01032	-.00193	.00589	.0397	.38961	3.6254
Stddev	.419	.0150	.00008	.00013	.00119	.0003	.00312	.7119
%RSD	1.4925	.49906	.77265	6.9205	20.285	.7045	.80105	19.636
#1	28.381	3.0240	-.01026	-.00203	.00673	.0399	.38740	4.1288
#2	27.789	3.0027	-.01038	-.00184	.00504	.0395	.39181	3.1220

Sample Name: J6078-03 Acquired: 11/29/2018 23:50:31 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.38132
Stddev	.10452
%RSD	27.409

#1	.30742
#2	.45523

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.9	49362.	3805.8	57.861	3866.2
Stddev	25.1	1849.	7.5	.432	48.4
%RSD	.64666	3.7450	.19584	.74587	1.2516

#1	3864.2	48055.	3811.1	57.556	3832.0
#2	3899.7	50669.	3800.5	58.166	3900.4

Sample Name: J6078-04 Acquired: 11/29/2018 23:54:40 Type: Unk
Method: P4-ICP2(v2617) 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	-.00136	-.00011	.00222	.00161	-.00188	-.01761	.02472	-.00006
Stddev	.00169	.00139	.00198	.00061	.00063	.00127	.00137	.00003
%RSD	124.47	1224.8	88.972	37.981	33.455	7.1964	5.5259	48.315
#1	-.00016	.00087	.00082	.00204	-.00143	-.01671	.02376	-.00004
#2	-.00255	-.00110	.00362	.00118	-.00232	-.01850	.02569	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	48.751	-.00098	-.00062	.00122	-.00076	.00219	81.623
Stddev	.00009	1.346	.00001	.00004	.00021	.00147	.00006	2.214
%RSD	61.912	2.7612	1.0033	6.4358	17.161	192.73	2.8654	2.7120
#1	-.00008	47.800	-.00099	-.00065	.00107	-.00180	.00224	80.058
#2	-.00022	49.703	-.00098	-.00059	.00137	.00028	.00215	83.188
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	-.00014	624.14	.00083	-.00047	26.933	.00037	.26222
Stddev	.00046	.00003	11.06	.00035	.00009	.681	.00018	.00636
%RSD	11.355	24.289	1.7719	42.306	19.709	2.5289	49.498	2.4248
#1	-.00435	-.00012	616.32	.00108	-.00053	26.451	.00024	.25772
#2	-.00371	-.00017	631.96	.00058	-.00040	27.414	.00049	.26671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.924	2.8562	-.01565	.00135	.01055	.0451	.56294	4.7767
Stddev	.244	.0517	.00083	.00099	.00151	.0005	.01361	.2664
%RSD	.56772	1.8117	5.3179	73.028	14.308	1.115	2.4178	5.5763
#1	42.752	2.8196	-.01624	.00205	.01162	.0447	.55331	4.5883
#2	43.097	2.8928	-.01506	.00065	.00948	.0455	.57256	4.9650

Sample Name: J6078-04 Acquired: 11/29/2018 23:54:40 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.44337
%RSD	157.00

#1	-.59591
#2	.03111

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3719.1	46148.	3868.9	57.453	3620.1
Stddev	19.2	592.	102.3	2.323	19.8
%RSD	.51621	1.2828	2.6444	4.0425	.54576

#1	3732.6	46566.	3941.3	59.095	3634.0
#2	3705.5	45729.	3796.6	55.811	3606.1

Sample Name: J6078-05 Acquired: 11/29/2018 23:58:49 Type: Unk
Method: P4-ICP2(v2617) 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	.00087	.00005	.00131	.00283	-.00105	-.01312	.02333	-.00003
Stddev	.00225	.00117	.00004	.00023	.00143	.00984	.00094	.00003
%RSD	258.74	2176.7	3.2316	8.3003	135.55	75.020	4.0293	93.592
#1	-.00072	-.00078	.00128	.00266	-.00206	-.02008	.02267	-.00001
#2	.00246	.00088	.00134	.00299	-.00004	-.00616	.02400	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	47.924	-.00062	-.00043	.00089	-.00499	.00188	79.711
Stddev	.00007	.079	.00053	.00037	.00023	.01263	.00001	.047
%RSD	82.037	.16573	84.461	85.826	26.251	253.01	.68616	.05958
#1	-.00004	47.981	-.00100	-.00017	.00105	.00394	.00187	79.744
#2	-.00014	47.868	-.00025	-.00069	.00072	-.01392	.00189	79.677
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00378	-.00054	602.46	.00041	-.00054	26.206	.00047	.25248
Stddev	.00002	.00010	1.83	.00005	.00012	.123	.00038	.01761
%RSD	.56031	17.952	.30327	11.824	22.842	.46951	80.174	6.9746
#1	-.00377	-.00047	603.76	.00038	-.00063	26.119	.00074	.24003
#2	-.00380	-.00060	601.17	.00045	-.00045	26.293	.00020	.26493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.763	2.8294	-.01489	.00051	.01199	.0439	.54701	4.4152
Stddev	.542	.0255	.00037	.00012	.00017	.0012	.00045	.0180
%RSD	1.3288	.90182	2.4698	23.565	1.4469	2.648	.08183	.40846
#1	40.380	2.8475	-.01515	.00059	.01212	.0431	.54732	4.4280
#2	41.146	2.8114	-.01463	.00042	.01187	.0447	.54669	4.4025

Sample Name: J6078-05 Acquired: 11/29/2018 23:58:49 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.28118
Stddev	.09663
%RSD	34.367

#1	.21285
#2	.34951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3802.8	46965.	3844.9	55.574	3714.4
Stddev	40.8	44.	4.4	1.740	64.0
%RSD	1.0742	.09368	.11434	3.1314	1.7236

#1	3831.7	46996.	3841.8	56.805	3759.6
#2	3773.9	46934.	3848.0	54.343	3669.1

Sample Name: CCV15 Acquired: 11/30/2018 0:02:58 Type: Unk
Method: P4-ICP2(v2617) 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	4.8287	4.7681	4.7007	4.7228	4.7134	9.2439	9.9650	.23900
Stddev	.0146	.0105	.0216	.0026	.0157	.0584	.0332	.00029
%RSD	.30259	.21993	.45991	.05427	.33256	.63145	.33305	.12031
#1	4.8184	4.7607	4.6854	4.7210	4.7023	9.2026	9.9415	.23921
#2	4.8391	4.7755	4.7160	4.7246	4.7245	9.2851	9.9885	.23880
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3432	25.259	.99559	2.3281	1.2254	4.8504	2.4464	24.798
Stddev	.0105	.117	.00242	.0094	.0050	.0944	.0010	.005
%RSD	.44650	.46366	.24293	.40425	.40767	1.9460	.04105	.02087
#1	2.3358	25.176	.99388	2.3215	1.2219	4.7836	2.4457	24.794
#2	2.3506	25.342	.99730	2.3348	1.2290	4.9171	2.4471	24.801
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3682	1.1963	26.233	2.4767	2.5466	26.267	4.9317	4.8203
Stddev	.0078	.0010	.014	.0034	.0512	.121	.0153	.0152
%RSD	.33151	.08716	.05519	.13898	2.0126	.46154	.30957	.31578
#1	2.3627	1.1956	26.223	2.4792	2.5104	26.182	4.9209	4.8096
#2	2.3738	1.1971	26.243	2.4743	2.5828	26.353	4.9425	4.8311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9295	5.1165	4.7643	4.8499	5.0508	4.643	4.9985	F 3.3243
Stddev	.0091	.0394	.0231	.0078	.0245	.020	.0282	.0377
%RSD	.18458	.77013	.48464	.16070	.48449	.4382	.56430	1.1355
#1	4.9231	5.0886	4.7480	4.8554	5.0335	4.629	4.9786	3.3510
#2	4.9360	5.1443	4.7806	4.8444	5.0681	4.658	5.0185	3.2976

Sample Name: CCV15 Acquired: 11/30/2018 0:02:58 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.0720
Stddev .5623
%RSD 18.303

#1 3.4696
#2 2.6744

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3989.7	50968.	3830.7	56.288	3954.6
Stddev	5.9	125.	.9	1.041	9.6
%RSD	.14898	.24543	.02448	1.8494	.24370

#1	3993.9	50880.	3830.0	57.024	3961.4
#2	3985.5	51057.	3831.4	55.552	3947.8

Sample Name: CCB15 Acquired: 11/30/2018 0:06:44 Type: Unk
Method: P4-ICP2(v2617) 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	.00185	.00197	.00030	-.00034	.00058	-.00162	.00348	-.00012
Stddev	.00089	.00152	.00076	.00525	.00090	.01180	.00055	.00003
%RSD	47.786	77.288	258.53	1543.2	155.13	727.94	15.857	24.942

#1	.00248	.00304	-.00024	-.00406	.00121	-.00997	.00309	-.00010
#2	.00123	.00089	.00084	.00337	-.00006	.00672	.00387	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00191	-.00007	-.00008	-.00003	-.01547	-.00002	-.04910
Stddev	.00001	.01276	.00037	.00016	.00027	.02000	.00000	.05274
%RSD	9.1966	668.34	518.73	190.51	880.71	129.28	23.985	107.41

#1	.00011	.00711	-.00033	.00003	.00016	-.00133	-.00002	-.08639
#2	.00010	-.01093	.00019	-.00020	-.00022	-.02962	-.00002	-.01181

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00087	F .74630	-.00020	-.00059	.12786	.00067	-.01132
Stddev	.00049	.00012	.03562	.00033	.00003	.01077	.00019	.00861
%RSD	57.784	13.346	4.7733	165.01	4.5272	8.4264	27.983	76.085

#1	-.00050	.00079	.77149	-.00044	-.00061	.13548	.00080	-.01741
#2	-.00120	.00095	.72111	.00003	-.00057	.12025	.00054	-.00523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06208	-.00140	-.00001	.00099	F .00672	.0000	.00011	F 1.8248
Stddev	.00197	.00025	.00048	.00054	.00195	.0001	.00001	.0857
%RSD	3.1676	17.457	5729.2	54.313	29.051	408.9	6.7316	4.6958

#1	.06347	-.00123	.00033	.00061	.00534	.0001	.00010	1.8854
#2	.06069	-.00158	-.00035	.00137	.00810	-.0000	.00011	1.7642

Sample Name: CCB15 Acquired: 11/30/2018 0:06:44 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .02957
Stddev	.06860
%RSD	232.01

#1	-.01894
#2	.07808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4165.0	53772.	3910.6	57.635	4600.6
Stddev	.1	174.	19.2	.182	.3
%RSD	.00229	.32370	.49075	.31508	.00700

#1	4165.0	53649.	3897.1	57.764	4600.8
#2	4165.1	53895.	3924.2	57.507	4600.3

Sample Name: J6078-06 Acquired: 11/30/2018 0:10:51 Type: Unk
Method: P4-ICP2(v2617) 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	.00090	.00053	.00183	.00258	.00053	-.01711	.02327	-.00007
Stddev	.00007	.00203	.00044	.00267	.00101	.01711	.00023	.00006
%RSD	7.2484	379.68	24.308	103.53	190.16	100.03	.98720	82.571
#1	.00086	.00197	.00151	.00069	-.00018	-.00501	.02311	-.00011
#2	.00095	-.00090	.00214	.00446	.00124	-.02921	.02344	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	43.158	-.00061	-.00002	.00098	.00881	.00169	64.463
Stddev	.00004	.709	.00022	.00025	.00037	.00265	.00007	.062
%RSD	516.32	1.6422	36.560	1122.8	37.992	30.026	4.0691	.09555
#1	-.00002	42.657	-.00045	-.00020	.00125	.00694	.00164	64.419
#2	.00004	43.660	-.00077	.00015	.00072	.01068	.00174	64.506
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00363	-.00017	504.55	.00078	-.00050	20.951	.00035	.21329
Stddev	.00009	.00014	.72	.00109	.00007	.238	.00020	.00054
%RSD	2.4720	85.479	.14261	139.66	14.800	1.1343	59.035	.25472
#1	-.00356	-.00027	505.06	.00154	-.00055	20.783	.00020	.21367
#2	-.00369	-.00007	504.04	.00001	-.00044	21.120	.00049	.21290
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.700	2.9204	-.01192	.00019	.01099	.0411	.45762	4.0316
Stddev	.348	.0546	.00047	.00283	.00107	.0018	.00734	.0903
%RSD	1.0035	1.8688	3.9680	1503.4	9.7248	4.307	1.6034	2.2404
#1	34.946	2.8818	-.01159	-.00182	.01174	.0423	.45243	4.0954
#2	34.454	2.9589	-.01226	.00219	.01023	.0398	.46281	3.9677

Sample Name: J6078-06 Acquired: 11/30/2018 0:10:51 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.25676
Stddev	.38288
%RSD	149.12

#1	.52750
#2	-.01398

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3777.5	47793.	3838.8	57.141	3731.0
Stddev	39.4	13.	33.8	.184	30.2
%RSD	1.0424	.02696	.88115	.32285	.80933

#1	3749.6	47784.	3862.7	57.011	3709.7
#2	3805.3	47802.	3814.9	57.272	3752.4

Sample Name: J6078-07 Acquired: 11/30/2018 0:15:00 Type: Unk
Method: P4-ICP2(v2617) 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	.00199	.00013	.00225	.00102	-.00032	-.02235	.02363	.00004
Stddev	.00124	.00174	.00038	.00393	.00026	.01230	.00046	.00004
%RSD	61.952	1297.4	16.676	384.73	79.056	55.009	1.9480	102.82

#1	.00112	-.00109	.00199	.00380	-.00014	-.03105	.02330	.00007
#2	.00287	.00136	.00252	-.00176	-.00050	-.01366	.02395	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	43.824	-.00040	-.00054	.00114	.01348	.00182	65.538
Stddev	.00005	.014	.00057	.00013	.00044	.00336	.00006	.274
%RSD	27.721	.03265	142.23	23.624	38.564	24.901	3.4075	.41766

#1	-.00021	43.813	.00000	-.00045	.00083	.01585	.00178	65.732
#2	-.00014	43.834	-.00080	-.00063	.00145	.01111	.00186	65.345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	-.00008	509.03	.00058	-.00017	21.263	.00046	.20792
Stddev	.00001	.00081	1.33	.00069	.00000	.090	.00019	.00612
%RSD	.28602	987.57	.26155	118.46	2.7651	.42269	42.014	2.9430

#1	-.00361	.00049	509.97	.00009	-.00017	21.200	.00060	.21225
#2	-.00362	-.00066	508.09	.00107	-.00017	21.327	.00032	.20360

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.380	2.8972	-.01269	.00040	.01007	.0412	.46318	4.3477
Stddev	.102	.0066	.00005	.00020	.00206	.0014	.00178	.0084
%RSD	.29790	.22855	.41774	49.754	20.491	3.435	.38456	.19395

#1	34.452	2.9019	-.01265	.00053	.00861	.0402	.46193	4.3536
#2	34.308	2.8925	-.01273	.00026	.01153	.0422	.46444	4.3417

Sample Name: J6078-07 Acquired: 11/30/2018 0:15:00 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.95308
Stddev	.01279
%RSD	1.3421

#1	.96212
#2	.94403

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3800.4	47167.	3786.4	55.326	3761.3
Stddev	3.6	24.	11.7	.621	13.5
%RSD	.09432	.05051	.30939	1.1230	.35905

#1	3797.9	47150.	3794.7	55.766	3751.7
#2	3803.0	47184.	3778.1	54.887	3770.8

Sample Name: J6078-08 Acquired: 11/30/2018 0:19:09 Type: Unk
Method: P4-ICP2(v2617) 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	.00097	.00083	.00030	.00248	.00061	-.00922	.02509	-.00005
Stddev	.00020	.00068	.00103	.00180	.00305	.01338	.00247	.00001
%RSD	20.247	82.280	338.79	72.516	499.75	145.14	9.8279	18.561

#1	.00110	.00035	-.00042	.00375	-.00155	.00024	.02335	-.00006
#2	.00083	.00131	.00103	.00121	.00277	-.01868	.02684	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	44.730	-.00013	-.00042	.00158	.01093	.00172	67.596
Stddev	.00012	1.315	.00012	.00006	.00007	.01138	.00002	1.901
%RSD	445.18	2.9397	94.873	14.206	4.6343	104.12	1.4185	2.8124

#1	.00006	43.801	-.00004	-.00046	.00163	.00288	.00174	66.252
#2	-.00011	45.660	-.00021	-.00038	.00153	.01897	.00170	68.941

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00054	518.18	.00057	-.00026	21.872	.00026	.21717
Stddev	.00010	.00003	4.74	.00022	.00001	.569	.00000	.00059
%RSD	2.9685	5.3508	.91546	39.007	4.9607	2.5993	.89156	.27062

#1	-.00334	-.00052	514.82	.00041	-.00025	21.470	.00027	.21758
#2	-.00348	-.00056	521.53	.00072	-.00027	22.274	.00026	.21675

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.247	2.9249	-.01276	-.00114	.01260	.0406	.47256	3.9186
Stddev	.123	.0774	.00117	.00164	.00131	.0005	.01454	.1947
%RSD	.35823	2.6463	9.1403	143.96	10.394	1.342	3.0766	4.9678

#1	34.160	2.8702	-.01193	-.00229	.01352	.0410	.46228	4.0563
#2	34.333	2.9796	-.01358	.00002	.01167	.0402	.48284	3.7810

Sample Name: J6078-08 Acquired: 11/30/2018 0:19:09 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.17621
Stddev	.26148
%RSD	148.39

#1	.36110
#2	-.00869

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.9	47747.	3727.6	55.534	3850.3
Stddev	7.4	331.	97.4	2.358	7.7
%RSD	.18793	.69323	2.6137	4.2463	.20058

#1	3907.7	47513.	3796.5	57.202	3844.9
#2	3918.1	47981.	3658.7	53.867	3855.8

Sample Name: J6078-09 Acquired: 11/30/2018 0:23:19 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00054	.00148	.00269	.00006	-.01112	.02449	-.00008
Stddev	.00105	.00088	.00114	.00236	.00124	.00036	.00031	.00011
%RSD	68.758	164.29	76.820	87.655	2175.8	3.2788	1.2864	138.12
#1	.00078	.00116	.00229	.00102	.00094	-.01138	.02426	-.00000
#2	.00227	-.00009	.00068	.00436	-.00082	-.01086	.02471	-.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	46.138	-.00048	-.00058	.00048	.02610	.00167	74.606
Stddev	.00008	.348	.00010	.00009	.00040	.00518	.00003	.137
%RSD	80.424	.75420	20.972	15.444	83.708	19.869	1.8998	.18424
#1	-.00004	45.892	-.00041	-.00052	.00020	.02243	.00165	74.703
#2	-.00015	46.384	-.00056	-.00065	.00077	.02976	.00169	74.509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00403	-.00064	574.40	.00070	-.00013	24.254	.00026	.22984
Stddev	.00030	.00099	5.15	.00039	.00011	.062	.00008	.01200
%RSD	7.3773	154.86	.89722	56.279	82.658	.25576	29.624	5.2190
#1	-.00424	-.00134	578.04	.00042	-.00006	24.298	.00031	.22136
#2	-.00382	.00006	570.76	.00097	-.00021	24.210	.00021	.23833
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.729	2.8091	-.01377	.00150	.01220	.0447	.51056	4.0708
Stddev	.175	.0127	.00091	.00189	.00064	.0016	.00166	.0300
%RSD	.45117	.45113	6.5883	125.91	5.2698	3.502	.32467	.73693
#1	38.605	2.8181	-.01313	.00016	.01174	.0436	.51174	4.0920
#2	38.853	2.8002	-.01441	.00283	.01265	.0458	.50939	4.0496

Sample Name: J6078-09 Acquired: 11/30/2018 0:23:19 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.82232
Stddev	.48220
%RSD	58.639

#1	1.1633
#2	.48135

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3841.3	47940.	3899.8	57.818	3771.0
Stddev	25.0	57.	22.0	.136	22.8
%RSD	.65061	.11911	.56339	.23594	.60466

#1	3858.9	47981.	3884.2	57.914	3787.2
#2	3823.6	47900.	3915.3	57.721	3754.9

Sample Name: J6078-10 Acquired: 11/30/2018 0:27:29 Type: Unk
Method: P4-ICP2(v2617) 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	.00254	.00108	.00087	.00547	-.00106	-.01502	.02330	-.00002
Stddev	.00168	.00273	.00163	.00045	.00079	.00301	.00038	.00003
%RSD	66.223	253.30	186.52	8.2124	74.660	20.001	1.6275	142.73
#1	.00135	-.00085	-.00028	.00579	-.00050	-.01290	.02357	.00000
#2	.00373	.00301	.00202	.00515	-.00162	-.01715	.02303	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	46.459	-.00052	-.00050	.00128	.00655	.00176	74.580
Stddev	.00002	.094	.00017	.00013	.00030	.00067	.00001	.021
%RSD	29.664	.20242	33.584	25.923	23.626	10.203	.72877	.02815
#1	-.00008	46.526	-.00040	-.00041	.00150	.00607	.00176	74.595
#2	-.00005	46.393	-.00064	-.00059	.00107	.00702	.00175	74.565
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00368	.00022	570.38	.00050	.00135	24.348	.00042	.22871
Stddev	.00050	.00012	.87	.00011	.00009	.161	.00007	.01056
%RSD	13.609	51.839	.15198	23.167	6.2946	.66077	15.515	4.6188
#1	-.00403	.00014	570.99	.00041	.00141	24.461	.00038	.23618
#2	-.00332	.00031	569.77	.00058	.00129	24.234	.00047	.22124
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.863	2.8884	-.01451	.00197	.01161	.0443	.51404	3.8387
Stddev	.114	.0009	.00015	.00225	.00069	.0015	.00335	.0862
%RSD	.29389	.02975	1.0360	114.67	5.9265	3.396	.65186	2.2460
#1	38.782	2.8890	-.01440	.00356	.01112	.0432	.51641	3.8997
#2	38.943	2.8878	-.01461	.00037	.01210	.0454	.51167	3.7778

Sample Name: J6078-10 Acquired: 11/30/2018 0:27:29 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.65866
Stddev	.19602
%RSD	29.761

#1	.52005
#2	.79727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.1	48310.	3902.7	57.102	3800.0
Stddev	17.8	220.	24.9	1.229	3.0
%RSD	.45923	.45510	.63878	2.1525	.08010

#1	3863.5	48155.	3885.1	56.232	3797.9
#2	3888.7	48466.	3920.3	57.971	3802.2

Sample Name: J6078-11 Acquired: 11/30/2018 0:31:38 Type: Unk
Method: P4-ICP2(v2617) 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	.00403	.00101	.00051	.00146	-.00032	-.01919	.02400	-.00003
Stddev	.00052	.00009	.00095	.00048	.00054	.00963	.00113	.00008
%RSD	12.904	8.6077	186.95	32.721	170.41	50.185	4.7008	293.15
#1	.00367	.00108	.00118	.00112	-.00070	-.01238	.02320	.00003
#2	.00440	.00095	-.00016	.00180	.00007	-.02600	.02480	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	49.312	-.00085	-.00047	.00134	.00076	.00182	83.811
Stddev	.00007	.026	.00037	.00018	.00019	.00676	.00003	.681
%RSD	110.66	.05291	44.273	38.110	13.896	888.28	1.3756	.81223
#1	-.00012	49.294	-.00111	-.00035	.00120	-.00402	.00184	83.329
#2	-.00001	49.331	-.00058	-.00060	.00147	.00554	.00180	84.292
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00425	-.00011	634.77	.00081	-.00035	27.505	.00054	.25841
Stddev	.00079	.00012	3.53	.00002	.00003	.039	.00024	.00245
%RSD	18.610	108.53	.55605	2.0834	7.8906	.14254	43.922	.94822
#1	-.00481	-.00003	637.26	.00082	-.00036	27.477	.00037	.26015
#2	-.00369	-.00020	632.27	.00080	-.00033	27.533	.00071	.25668
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.293	2.8457	-.01544	.00186	.01271	.0475	.56659	4.0691
Stddev	.012	.0040	.00047	.00054	.00036	.0009	.00122	.1911
%RSD	.02884	.14114	3.0659	29.253	2.8178	1.829	.21495	4.6975
#1	43.302	2.8485	-.01510	.00147	.01297	.0481	.56745	4.2043
#2	43.284	2.8429	-.01577	.00224	.01246	.0469	.56573	3.9339

Sample Name: J6078-11 Acquired: 11/30/2018 0:31:38 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1242
Stddev .4337
%RSD 38.576

#1 .81756
#2 1.4309

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3773.7	47148.	3910.5	58.633	3688.7
Stddev	9.2	159.	4.4	.350	14.9
%RSD	.24511	.33632	.11196	.59615	.40417

#1	3767.1	47036.	3913.5	58.880	3678.1
#2	3780.2	47260.	3907.4	58.386	3699.2

Sample Name: J6078-12 Acquired: 11/30/2018 0:35:48 Type: Unk
Method: P4-ICP2(v2617) 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	.00213	.00025	.00186	.00455	-.00040	-.02355	.02411	-.00007
Stddev	.00043	.00152	.00067	.00027	.00049	.01364	.00151	.00007
%RSD	20.027	618.20	35.700	6.0314	122.09	57.913	6.2671	104.04
#1	.00183	.00132	.00233	.00436	-.00006	-.01390	.02518	-.00012
#2	.00243	-.00083	.00139	.00475	-.00075	-.03319	.02305	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	49.303	-.00032	-.00045	.00112	-.00529	.00182	83.410
Stddev	.00005	1.205	.00025	.00032	.00008	.01147	.00000	2.375
%RSD	42.684	2.4442	79.284	69.742	7.2747	216.72	.10644	2.8475
#1	-.00009	50.155	-.00050	-.00068	.00118	-.01340	.00182	85.090
#2	-.00016	48.451	-.00014	-.00023	.00106	.00282	.00182	81.731
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00351	-.00008	631.80	.00060	-.00036	27.618	.00042	.27153
Stddev	.00037	.00038	22.69	.00019	.00000	.707	.00030	.00427
%RSD	10.536	474.14	3.5920	31.947	.52368	2.5581	72.065	1.5736
#1	-.00324	-.00034	647.85	.00046	-.00036	28.118	.00020	.26851
#2	-.00377	.00019	615.76	.00073	-.00036	27.119	.00063	.27455
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.519	2.8623	-.01547	.00076	.01380	.0483	.56775	4.2108
Stddev	.019	.0555	.00055	.00236	.00104	.0020	.01511	.0894
%RSD	.04296	1.9399	3.5767	311.47	7.5402	4.145	2.6607	2.1240
#1	43.532	2.9016	-.01587	-.00091	.01307	.0498	.57843	4.2740
#2	43.506	2.8230	-.01508	.00242	.01454	.0469	.55707	4.1475

Sample Name: J6078-12 Acquired: 11/30/2018 0:35:48 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .61558
Stddev .51115
%RSD 83.036

#1 .97702
#2 .25414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3758.4	47039.	3886.2	58.279	3658.1
Stddev	7.5	153.	86.2	3.273	8.4
%RSD	.19946	.32580	2.2188	5.6168	.22885

#1	3753.1	46931.	3825.3	55.964	3652.1
#2	3763.7	47148.	3947.2	60.593	3664.0

Sample Name: J6078-13 Acquired: 11/30/2018 0:39:57 Type: Unk
Method: P4-ICP2(v2617) 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	.00240	.00280	.00350	.00620	.00060	-.01628	.02504	.00039
Stddev	.00039	.00103	.00161	.00182	.00092	.00261	.00213	.00005
%RSD	16.103	36.683	45.981	29.442	154.45	16.002	8.5171	12.422

#1	.00268	.00352	.00236	.00749	.00125	-.01444	.02353	.00042
#2	.00213	.00207	.00464	.00491	-.00006	-.01812	.02655	.00035

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	50.361	.00049	-.00008	.00151	.01121	.00261	88.764
Stddev	.00006	2.301	.00019	.00048	.00036	.00041	.00015	4.300
%RSD	13.518	4.5682	39.444	589.74	23.652	3.6863	5.9106	4.8443

#1	.00038	48.735	.00062	.00026	.00126	.01092	.00272	85.724
#2	.00046	51.988	.00035	-.00042	.00177	.01150	.00250	91.805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	.00055	674.86	.00085	.00027	29.401	.00136	.29009
Stddev	.00035	.00026	28.42	.00005	.00006	1.637	.00036	.01630
%RSD	11.153	46.823	4.2119	5.3821	22.145	5.5667	26.212	5.6184

#1	-.00289	.00074	654.76	.00089	.00023	28.244	.00162	.27856
#2	-.00338	.00037	694.96	.00082	.00031	30.559	.00111	.30161

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.924	2.8261	-.01562	.00027	.01339	.0599	.59587	3.9910
Stddev	.000	.1183	.00122	.00036	.00040	.0011	.03238	.5514
%RSD	.00088	4.1845	7.7814	132.76	2.9727	1.781	5.4348	13.817

#1	45.925	2.7425	-.01476	.00053	.01311	.0606	.57297	4.3810
#2	45.924	2.9098	-.01648	.00002	.01367	.0591	.61877	3.6011

Sample Name: J6078-13 Acquired: 11/30/2018 0:39:57 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.58186
Stddev	.43187
%RSD	74.222

#1	.88724
#2	.27648

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.4	47244.	3875.1	57.894	3586.3
Stddev	6.5	1527.	185.2	1.242	1.2
%RSD	.17550	3.2330	4.7787	2.1454	.03468

#1	3685.9	46164.	4006.1	58.772	3585.4
#2	3695.0	48324.	3744.2	57.016	3587.1

Sample Name: J6078-14 Acquired: 11/30/2018 0:44:07 Type: Unk
Method: P4-ICP2(v2617) 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	.00297	.00105	.00228	.00083	.00022	-.01746	.02591	-.00008
Stddev	.00176	.00192	.00089	.00060	.00209	.00828	.00011	.00005
%RSD	59.132	183.40	38.911	72.880	958.67	47.410	.41977	57.534

#1	.00173	-.00031	.00291	.00040	.00170	-.02331	.02584	-.00012
#2	.00421	.00241	.00165	.00126	-.00126	-.01160	.02599	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	50.934	-.00054	-.00039	.00145	.00130	.00212	89.049
Stddev	.00005	.048	.00084	.00003	.00011	.00927	.00007	.194
%RSD	34.945	.09336	156.58	8.5372	7.7824	713.76	3.1069	.21804

#1	-.00017	50.900	.00006	-.00041	.00137	-.00526	.00216	89.186
#2	-.00010	50.967	-.00113	-.00037	.00152	.00785	.00207	88.912

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00416	-.00032	682.36	.00096	-.00009	29.615	.00043	.30479
Stddev	.00035	.00029	.28	.00009	.00001	.015	.00010	.00911
%RSD	8.3489	89.483	.04150	9.1250	9.7482	.05130	24.558	2.9899

#1	-.00391	-.00012	682.16	.00090	-.00009	29.605	.00035	.31123
#2	-.00441	-.00053	682.56	.00102	-.00010	29.626	.00050	.29834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.703	2.9008	-.01596	.00147	.01377	.0456	.60134	4.5339
Stddev	.007	.0130	.00061	.00104	.00020	.0012	.00077	.0184
%RSD	.01647	.44837	3.8286	70.810	1.4541	2.722	.12829	.40584

#1	44.708	2.9100	-.01639	.00074	.01363	.0465	.60188	4.5469
#2	44.698	2.8916	-.01552	.00221	.01391	.0447	.60079	4.5209

Sample Name: J6078-14 Acquired: 11/30/2018 0:44:07 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.48147
Stddev	.06667
%RSD	13.847

#1	.43433
#2	.52862

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.4	46506.	3753.0	54.388	3649.1
Stddev	4.5	60.	3.9	.594	6.1
%RSD	.12125	.12966	.10451	1.0928	.16756

#1	3738.2	46549.	3750.2	54.808	3644.8
#2	3744.6	46464.	3755.7	53.968	3653.4

Sample Name: J6078-15 Acquired: 11/30/2018 0:48:17 Type: Unk
Method: P4-ICP2(v2617) 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	.00148	.00002	.00297	.00442	-.00063	-.02012	.02905	-.00001
Stddev	.00086	.00009	.00123	.00266	.00111	.02100	.00096	.00003
%RSD	58.204	432.76	41.401	60.025	174.23	104.40	3.2939	290.31
#1	.00087	.00008	.00384	.00630	-.00142	-.00527	.02837	-.00003
#2	.00208	-.00004	.00210	.00255	.00015	-.03497	.02972	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	80.046	-.00092	-.00072	.00107	-.00648	.00371	187.27
Stddev	.00007	.194	.00005	.00029	.00061	.00273	.00007	.58
%RSD	31.697	.24254	5.2381	39.810	56.871	42.062	1.9604	.30853
#1	-.00017	80.183	-.00088	-.00093	.00064	-.00841	.00366	187.68
#2	-.00026	79.908	-.00095	-.00052	.00150	-.00455	.00376	186.86
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00603	-.00019	1325.8	.00111	.00112	63.082	.00136	.59268
Stddev	.00004	.00084	15.5	.00010	.00002	.415	.00015	.00987
%RSD	.71621	435.61	1.1658	9.0732	1.7753	.65834	10.804	1.6647
#1	-.00600	.00040	1314.9	.00104	.00111	63.375	.00146	.59966
#2	-.00606	-.00078	1336.8	.00118	.00114	62.788	.00126	.58571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.950	2.8031	-.02821	-.00031	.03090	.0620	1.1573	5.9227
Stddev	.186	.0264	.00022	.00255	.00093	.0007	.0035	.0542
%RSD	.23572	.94022	.76481	818.52	3.0203	1.099	.30109	.91561
#1	78.818	2.8217	-.02805	-.00211	.03156	.0624	1.1598	5.8844
#2	79.081	2.7845	-.02836	.00149	.03024	.0615	1.1549	5.9611

Sample Name: J6078-15 Acquired: 11/30/2018 0:48:17 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .75275
Stddev .55620
%RSD 73.888

#1 1.1460
#2 .35946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.3	42073.	3519.4	51.517	3230.8
Stddev	10.7	132.	11.5	.333	4.1
%RSD	.31237	.31263	.32626	.64547	.12750

#1	3421.7	42166.	3511.3	51.752	3227.9
#2	3436.9	41980.	3527.6	51.282	3233.7

Sample Name: CCV16 Acquired: 11/30/2018 0:52:26 Type: Unk
Method: P4-ICP2(v2617) 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	4.6779	4.5571	F 4.4936	4.5293	F 4.4980	F 8.7179	9.4908	.22543
Stddev	.0058	.0043	.0075	.0041	.0134	.0462	.0152	.00059
%RSD	.12392	.09538	.16701	.09008	.29865	.52997	.16007	.26149

#1	4.6820	4.5541	4.4989	4.5322	4.5075	8.7506	9.4800	.22501
#2	4.6738	4.5602	4.4883	4.5264	4.4885	8.6853	9.5015	.22584

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.2285	23.751	.94676	F 2.2062	1.1699	4.6040	2.3138	23.792
Stddev	.0012	.128	.00260	.0032	.0003	.0098	.0061	.121
%RSD	.05260	.54042	.27470	.14544	.02466	.21357	.26512	.50881

#1	2.2293	23.661	.94492	2.2040	1.1701	4.6109	2.3094	23.707
#2	2.2277	23.842	.94860	2.2085	1.1697	4.5970	2.3181	23.878

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2641	1.1480	25.031	2.3811	2.3912	25.182	4.7519	4.6430
Stddev	.0006	.0020	.038	.0073	.0019	.007	.0017	.0003
%RSD	.02508	.17333	.15007	.30459	.08162	.02767	.03471	.00535

#1	2.2645	1.1494	25.005	2.3760	2.3926	25.186	4.7531	4.6428
#2	2.2637	1.1466	25.058	2.3862	2.3898	25.177	4.7507	4.6432

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7557	4.9593	4.5773	4.6387	4.7829	F 4.459	4.6966	F 2.4506
Stddev	.0096	.0563	.0027	.0011	.0034	.002	.0094	.1486
%RSD	.20213	1.1352	.05892	.02382	.07196	.0544	.19937	6.0622

#1	4.7625	4.9194	4.5792	4.6379	4.7805	4.460	4.6900	2.3455
#2	4.7489	4.9991	4.5754	4.6395	4.7853	4.457	4.7032	2.5556

Sample Name: CCV16 Acquired: 11/30/2018 0:52:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.5322
Stddev .2360
%RSD 9.3198

#1 2.6991
#2 2.3653

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4154.0	53059.	4000.2	58.948	4122.9
Stddev	1.8	27.	12.6	.017	4.1
%RSD	.04310	.05150	.31456	.02910	.09892

#1	4155.2	53040.	4009.1	58.961	4125.8
#2	4152.7	53078.	3991.4	58.936	4120.0

Sample Name: CCB16 Acquired: 11/30/2018 0:56:13 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00326	-.00057	.00035	.00229	.00029	.00255	-.00008
Stddev	.00077	.00107	.00049	.00082	.00164	.00410	.00012	.00003
%RSD	50.080	32.915	85.485	235.33	71.699	1422.0	4.8135	44.390
#1	.00208	.00402	-.00023	.00093	.00113	.00318	.00264	-.00010
#2	.00099	.00250	-.00092	-.00023	.00345	-.00261	.00246	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00612	.00008	-.00035	.00046	-.02006	.00006	-.07871
Stddev	.00010	.00290	.00017	.00006	.00008	.02237	.00002	.04016
%RSD	97.027	47.328	201.24	18.506	17.605	111.49	38.020	51.026
#1	.00003	-.00816	.00021	-.00030	.00040	-.00425	.00005	-.10711
#2	.00018	-.00407	-.00004	-.00039	.00051	-.03588	.00008	-.05031
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00106	.00005	F .72594	-.00006	-.00055	.15275	.00056	.00241
Stddev	.00045	.00034	.02994	.00017	.00001	.04893	.00026	.00730
%RSD	42.429	708.51	4.1242	294.54	1.2235	32.036	46.340	303.42
#1	-.00074	-.00019	.74711	.00006	-.00054	.11815	.00074	-.00276
#2	-.00138	.00029	.70477	-.00018	-.00055	.18735	.00037	.00757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .05152	-.00187	.00009	.00235	F .00654	-.0002	.00010	F .96318
Stddev	.00545	.00286	.00014	.00264	.00089	.0009	.00001	.39237
%RSD	10.585	152.65	149.12	112.52	13.631	577.7	12.945	40.737
#1	.05537	.00015	-.00000	.00048	.00591	.0005	.00009	1.2406
#2	.04766	-.00389	.00019	.00422	.00717	-.0008	.00011	.68573

Sample Name: CCB16 Acquired: 11/30/2018 0:56:13 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .28614
Stddev .02671
%RSD 9.3344

#1 .30502
#2 .26725

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4292.7	55996.	3999.2	59.642	4735.0
Stddev	6.0	427.	37.3	.792	14.0
%RSD	.14019	.76270	.93325	1.3284	.29670

#1	4297.0	55694.	3972.8	59.082	4745.0
#2	4288.4	56298.	4025.6	60.202	4725.1

Sample Name: J6078-16 Acquired: 11/30/2018 1:00:20 Type: Unk
Method: P4-ICP2(v2617) 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	.00273	-.00069	.00337	.00135	-.00074	-.04111	.02681	-.00008
Stddev	.00226	.00053	.00015	.00169	.00198	.00289	.00024	.00007
%RSD	82.797	76.530	4.5018	125.22	268.08	7.0390	.87944	83.682
#1	.00113	-.00031	.00347	.00255	.00066	-.04316	.02664	-.00013
#2	.00432	-.00106	.00326	.00015	-.00213	-.03906	.02697	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	70.594	-.00075	-.00061	.00113	-.00034	.00302	157.51
Stddev	.00002	.373	.00011	.00016	.00054	.01212	.00007	.41
%RSD	26.455	.52887	15.057	26.979	47.824	3563.2	2.2462	.26170
#1	-.00006	70.330	-.00067	-.00049	.00151	.00823	.00306	157.22
#2	-.00008	70.858	-.00083	-.00073	.00075	-.00891	.00297	157.80
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00506	-.00066	1154.4	.00111	-.00011	52.296	.00132	.51867
Stddev	.00004	.00060	5.9	.00055	.00006	.249	.00008	.00405
%RSD	.81921	91.517	.51198	49.857	54.620	.47593	5.8819	.78153
#1	-.00509	-.00023	1158.6	.00150	-.00007	52.120	.00138	.51580
#2	-.00503	-.00109	1150.2	.00072	-.00015	52.472	.00127	.52153
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.291	2.7801	-.02504	-.00110	.02428	.0567	.98119	5.0956
Stddev	.689	.0228	.00004	.00145	.00195	.0022	.00392	.3580
%RSD	.97967	.81948	.14701	131.56	8.0267	3.919	.39987	7.0258
#1	69.804	2.7640	-.02502	-.00008	.02290	.0552	.97841	4.8424
#2	70.778	2.7963	-.02507	-.00213	.02566	.0583	.98396	5.3487

Sample Name: J6078-16 Acquired: 11/30/2018 1:00:20 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.1869
Stddev	.2413
%RSD	20.332

#1	1.3576
#2	1.0163

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3549.2	44639.	3702.9	54.254	3368.0
Stddev	33.0	700.	31.8	1.039	29.3
%RSD	.92836	1.5676	.85977	1.9149	.86955

#1	3572.5	45133.	3725.4	54.988	3388.7
#2	3525.9	44144.	3680.4	53.519	3347.3

Sample Name: J6078-17 Acquired: 11/30/2018 1:04:30 Type: Unk
Method: P4-ICP2(v2617) 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	.00250	.00013	.00271	.00319	-.00019	-.02507	.02546	-.00006
Stddev	.00139	.00033	.00084	.00145	.00120	.00389	.00106	.00005
%RSD	55.613	256.92	30.849	45.535	616.37	15.497	4.1749	92.963
#1	.00348	-.00010	.00331	.00422	-.00104	-.02232	.02471	-.00010
#2	.00152	.00036	.00212	.00216	.00065	-.02782	.02622	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	69.613	-.00095	-.00031	.00056	-.01129	.00274	154.78
Stddev	.00003	.619	.00014	.00007	.00037	.02281	.00005	.20
%RSD	20.297	.88865	14.964	22.047	66.156	202.03	1.9946	.13055
#1	-.00016	69.175	-.00085	-.00036	.00083	-.02742	.00270	154.64
#2	-.00012	70.050	-.00105	-.00026	.00030	.00484	.00278	154.92
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00506	-.00079	1126.4	.00068	-.00011	51.940	.00117	.51121
Stddev	.00046	.00011	6.2	.00000	.00008	.278	.00003	.00590
%RSD	9.1430	13.743	.54615	.38948	74.216	.53464	2.8853	1.1532
#1	-.00474	-.00071	1122.1	.00068	-.00017	51.743	.00120	.51538
#2	-.00539	-.00087	1130.8	.00067	-.00005	52.136	.00115	.50705
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.703	2.7488	-.02476	.00136	.02609	.0541	.96668	5.2722
Stddev	.089	.0283	.00077	.00398	.00186	.0019	.00868	.0917
%RSD	.12901	1.0282	3.1071	293.34	7.1353	3.590	.89803	1.7390
#1	68.766	2.7288	-.02530	.00417	.02740	.0555	.96054	5.3370
#2	68.640	2.7688	-.02421	-.00146	.02477	.0527	.97282	5.2073

Sample Name: J6078-17 Acquired: 11/30/2018 1:04:30 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .45837
 Stddev .15747
 %RSD 34.354

#1 .56972
 #2 .34703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3642.6	44432.	3721.3	53.475	3462.2
Stddev	9.0	56.	18.9	.344	17.4
%RSD	.24843	.12669	.50758	.64404	.50194

#1	3636.2	44392.	3734.6	53.231	3449.9
#2	3649.0	44472.	3707.9	53.718	3474.5

Sample Name: J6078-18 Acquired: 11/30/2018 1:08:39 Type: Unk
Method: P4-ICP2(v2617) 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	.00367	-.00042	.00473	.00150	-.00085	-.05321	.02638	-.00014
Stddev	.00152	.00160	.00010	.00071	.00122	.00998	.00171	.00002
%RSD	41.510	381.50	2.1061	47.104	143.63	18.754	6.4667	11.843

#1	.00259	.00071	.00466	.00200	-.00171	-.06026	.02759	-.00015
#2	.00474	-.00155	.00480	.00100	.00001	-.04615	.02518	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	80.174	-.00098	-.00046	.00113	-.01982	.00366	192.57
Stddev	.00003	2.340	.00050	.00040	.00017	.00888	.00003	5.50
%RSD	16.400	2.9191	50.869	87.358	14.769	44.793	.73215	2.8554

#1	-.00015	81.829	-.00063	-.00017	.00101	-.02610	.00368	196.46
#2	-.00019	78.520	-.00133	-.00074	.00124	-.01354	.00364	188.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00577	-.00078	1324.3	.00087	.00066	65.179	.00117	.60933
Stddev	.00034	.00006	41.8	.00009	.00001	1.613	.00002	.01359
%RSD	5.9004	7.3226	3.1577	10.671	1.4922	2.4740	1.6185	2.2304

#1	-.00553	-.00074	1353.9	.00080	.00065	66.320	.00118	.59972
#2	-.00601	-.00082	1294.7	.00093	.00067	64.039	.00116	.61894

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 81.158	2.6983	-.02923	-.00141	.03198	.0601	1.1750	5.3347
Stddev	.022	.0488	.00043	.00037	.00109	.0018	.0321	.1529
%RSD	.02693	1.8092	1.4668	26.182	3.4217	3.076	2.7285	2.8652

#1	81.143	2.7328	-.02954	-.00115	.03276	.0588	1.1977	5.2266
#2	81.174	2.6638	-.02893	-.00167	.03121	.0614	1.1523	5.4427

Sample Name: J6078-18 Acquired: 11/30/2018 1:08:39 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.96431
Stddev	1.0594
%RSD	109.86

#1	1.7134
#2	.21519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.0	43857.	3652.2	53.089	3252.1
Stddev	.5	6.	62.0	.753	4.3
%RSD	.01427	.01256	1.6982	1.4186	.13181

#1	3466.6	43861.	3608.3	53.621	3255.1
#2	3467.3	43853.	3696.1	52.556	3249.0

Sample Name: J6078-19 Acquired: 11/30/2018 1:12:49 Type: Unk
Method: P4-ICP2(v2617) 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	.00097	.00004	.00275	.00472	-.00023	-.04026	.02584	-.00007
Stddev	.00175	.00008	.00025	.00067	.00052	.01451	.00057	.00008
%RSD	179.37	189.52	8.9874	14.126	232.16	36.037	2.2216	104.88
#1	.00221	-.00001	.00292	.00519	.00014	-.03000	.02624	-.00013
#2	-.00026	.00010	.00257	.00425	-.00060	-.05052	.02543	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	80.781	-.00124	-.00046	.00059	-.01267	.00364	194.42
Stddev	.00003	.800	.00012	.00033	.00008	.00368	.00005	.57
%RSD	23.428	.99043	9.9036	72.966	13.198	29.035	1.3113	.29230
#1	-.00017	81.347	-.00116	-.00069	.00054	-.01007	.00367	194.83
#2	-.00012	80.215	-.00133	-.00022	.00065	-.01528	.00361	194.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00560	.00038	1327.2	.00141	-.00008	66.449	.00154	.63633
Stddev	.00008	.00108	25.0	.00035	.00002	.531	.00025	.01285
%RSD	1.4710	282.42	1.8832	24.702	31.627	.79879	16.167	2.0187
#1	-.00566	.00115	1344.9	.00166	-.00006	66.824	.00171	.62724
#2	-.00554	-.00038	1309.5	.00116	-.00009	66.074	.00136	.64541
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 82.480	2.6312	-.02985	-.00152	.03007	.0615	1.1962	5.5456
Stddev	.134	.0035	.00002	.00025	.00025	.0025	.0132	.3313
%RSD	.16262	.13324	.07797	16.226	.84001	4.129	1.1015	5.9742
#1	82.575	2.6336	-.02983	-.00170	.03025	.0597	1.2055	5.3113
#2	82.385	2.6287	-.02987	-.00135	.02989	.0633	1.1869	5.7798

Sample Name: J6078-19 Acquired: 11/30/2018 1:12:49 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3871
Stddev	.3338
%RSD	24.067

#1	1.1510
#2	1.6231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.5	43588.	3723.2	54.993	3271.3
Stddev	.5	516.	27.4	.705	.3
%RSD	.01328	1.1833	.73644	1.2822	.00774

#1	3469.9	43953.	3703.8	55.491	3271.1
#2	3469.2	43223.	3742.6	54.494	3271.4

Sample Name: J6078-20 Acquired: 11/30/2018 1:16:59 Type: Unk
Method: P4-ICP2(v2617) 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	.00245	.00060	.00318	.00389	-.00003	-.03616	.02597	.00001
Stddev	.00138	.00168	.00098	.00075	.00009	.00016	.00059	.00010
%RSD	56.487	279.65	30.790	19.260	336.30	.43111	2.2668	786.85
#1	.00342	.00179	.00387	.00336	.00004	-.03627	.02639	-.00006
#2	.00147	-.00059	.00249	.00442	-.00009	-.03605	.02555	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	73.684	-.00153	-.00033	.00063	-.00915	.00395	168.70
Stddev	.00009	.099	.00000	.00039	.00035	.01503	.00003	.86
%RSD	59.335	.13389	.05071	118.30	55.394	164.17	.78196	.50814
#1	-.00009	73.754	-.00153	-.00005	.00039	-.01978	.00397	169.31
#2	-.00022	73.614	-.00153	-.00061	.00088	.00147	.00393	168.09
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00513	-.00048	1175.3	.00097	.00060	57.804	.00121	.55694
Stddev	.00021	.00021	34.8	.00078	.00020	.031	.00012	.00360
%RSD	4.0842	44.303	2.9572	80.451	32.449	.05444	10.289	.64713
#1	-.00528	-.00033	1199.9	.00042	.00074	57.782	.00129	.55949
#2	-.00499	-.00063	1150.7	.00152	.00047	57.826	.00112	.55439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.202	2.6780	-.02657	-.00359	.02795	.0572	1.0550	4.9994
Stddev	.231	.0070	.00036	.00343	.00033	.0008	.0044	.1020
%RSD	.31083	.26196	1.3701	95.478	1.1737	1.419	.42109	2.0405
#1	74.365	2.6829	-.02631	-.00602	.02818	.0566	1.0582	4.9273
#2	74.039	2.6730	-.02683	-.00117	.02772	.0578	1.0519	5.0716

Sample Name: J6078-20 Acquired: 11/30/2018 1:16:59 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.65978
Stddev	.01265
%RSD	1.9178

#1	.65083
#2	.66873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3581.8	44876.	3758.9	54.148	3393.6
Stddev	3.6	167.	20.1	.676	10.3
%RSD	.09967	.37277	.53378	1.2490	.30233

#1	3579.3	44995.	3744.7	53.669	3386.4
#2	3584.3	44758.	3773.0	54.626	3400.9

Sample Name: J5996-29 Acquired: 11/30/2018 1:21:09 Type: Unk
Method: P4-ICP2(v2617) 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	.01644	.00101	.21014	.00736	.01543	22.722	.77973	.00127
Stddev	.00323	.00089	.00177	.00034	.00042	.143	.00265	.00003
%RSD	19.657	88.013	.84059	4.6471	2.7409	.62809	.33979	2.7621
#1	.01872	.00165	.20890	.00760	.01513	22.621	.78160	.00124
#2	.01415	.00038	.21139	.00712	.01573	22.823	.77786	.00129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	16.159	.03148	.01059	.13491	26.846	.51214	8.5844
Stddev	.00015	.031	.00071	.00012	.00115	1.655	.00253	.0019
%RSD	169.40	.19039	2.2703	1.0904	.85463	6.1633	.49378	.02205
#1	.00002	16.181	.03097	.01051	.13410	25.676	.51035	8.5831
#2	-.00019	16.138	.03199	.01067	.13573	28.016	.51392	8.5858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03295	-.00162	45.344	.09649	.31783	7.7292	.01538	.22729
Stddev	.00026	.00058	.365	.00090	.01825	.0430	.00012	.00599
%RSD	.78830	35.680	.80563	.93039	5.7405	.55661	.75773	2.6374
#1	.03314	-.00203	45.602	.09585	.30493	7.7597	.01546	.23153
#2	.03277	-.00121	45.085	.09712	.33073	7.6988	.01530	.22305
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4913	F 42.995	.00714	.66045	.03818	.7555	.07493	1.5370
Stddev	.0426	.104	.00051	.00045	.00217	.0028	.00173	.2536
%RSD	.65626	.24167	7.1086	.06827	5.6856	.3714	2.3139	16.499
#1	6.4611	43.068	.00678	.66077	.03664	.7535	.07616	1.3577
#2	6.5214	42.921	.00750	.66013	.03971	.7575	.07370	1.7164

Sample Name: J5996-29 Acquired: 11/30/2018 1:21:09 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.6153
Stddev .1184
%RSD 1.5553

#1 7.5316
#2 7.6991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4293.9	55235.	4102.5	59.216	4348.1
Stddev	28.9	258.	22.2	3.433	35.9
%RSD	.67414	.46756	.54229	5.7977	.82611

#1	4314.4	55418.	4086.7	61.644	4373.5
#2	4273.4	55053.	4118.2	56.789	4322.7

Sample Name: J6003-21 Acquired: 11/30/2018 1:25:10 Type: Unk
Method: P4-ICP2(v2617) 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	.04668	.01214	.23012	.03443	.00045	44.624	.10331	.01652
Stddev	.00008	.00017	.00331	.00038	.00080	.335	.00014	.00010
%RSD	.16317	1.3941	1.4385	1.0988	176.15	.75020	.13104	.57567
#1	.04663	.01202	.22778	.03416	.00101	44.387	.10340	.01645
#2	.04674	.01226	.23246	.03470	-.00011	44.861	.10321	.01659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	207.22	.05602	.24812	.40257	141.00	20.280	33.499
Stddev	.00076	.30	.00001	.00014	.00162	5.44	.056	.087
%RSD	322.80	.14352	.00906	.05817	.40161	3.8570	.27533	.25861
#1	-.00030	207.43	.05601	.24801	.40143	144.84	20.241	33.561
#2	.00078	207.00	.05602	.24822	.40371	137.15	20.320	33.438
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26383	.00068	13.388	.22420	2.0256	6.4261	.00046	.48586
Stddev	.00137	.00095	.027	.00024	.0756	.0247	.00018	.00473
%RSD	.51752	140.96	.19948	.10637	3.7333	.38382	39.934	.97435
#1	.26286	.00135	13.370	.22403	2.0791	6.4435	.00059	.48921
#2	.26479	.00000	13.407	.22437	1.9722	6.4087	.00033	.48251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 387.67	F 34.066	-.13991	.20274	.07337	F 44.58	.40620	^ *****
Stddev	3.74	.219	.00197	.00154	.00079	.27	.00401	-----
%RSD	.96417	.64268	1.4060	.75866	1.0797	.6125	.98660	-----
#1	385.03	34.221	-.13852	.20165	.07393	44.39	.40337	^ -----
#2	390.32	33.911	-.14130	.20383	.07281	44.77	.40904	^ -----

Sample Name: J6003-21 Acquired: 11/30/2018 1:25:10 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.573
Stddev	.904
%RSD	2.7740

#1	31.935
#2	33.212

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6798.0	88436.	6872.9	59.418	3940.5
Stddev	6.8	225.	46.9	2.378	15.0
%RSD	.09995	.25399	.68194	4.0029	.38139

#1	6802.8	88595.	6839.8	57.737	3951.1
#2	6793.2	88277.	6906.1	61.100	3929.9

Sample Name: J6003-21DUP Acquired: 11/30/2018 1:29:15 Type: Unk
Method: P4-ICP2(v2617) 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	.04766	.01317	.23288	.03801	.00004	45.770	.10799	.01689
Stddev	.00037	.00281	.00383	.00175	.00127	.932	.00211	.00045
%RSD	.77446	21.325	1.6464	4.6050	3412.3	2.0356	1.9557	2.6380
#1	.04793	.01516	.23017	.03924	-.00086	45.111	.10948	.01657
#2	.04740	.01119	.23559	.03677	.00094	46.428	.10650	.01720
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	210.52	.05782	.25098	.40456	148.74	20.491	34.096
Stddev	.00077	5.29	.00188	.00170	.00165	5.12	.104	.460
%RSD	146.47	2.5124	3.2495	.67872	.40682	3.4391	.50844	1.3493
#1	-.00107	214.26	.05649	.24977	.40340	152.36	20.418	34.421
#2	.00002	206.78	.05915	.25218	.40572	145.13	20.565	33.771
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26648	.00147	13.679	.22917	2.1322	6.5062	.00039	.49886
Stddev	.00206	.00149	.219	.00551	.0684	.1242	.00004	.01188
%RSD	.77217	101.41	1.6009	2.4059	3.2062	1.9085	9.1271	2.3807
#1	.26502	.00253	13.834	.22527	2.1806	6.5940	.00036	.50726
#2	.26793	.00042	13.524	.23307	2.0839	6.4184	.00041	.49046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 388.93	F 34.786	-.14109	.20905	.07658	F 45.10	.40457	<.00000
Stddev	.59	.589	.00049	.00498	.00118	.16	.00861	.25298
%RSD	.15182	1.6932	.34572	2.3838	1.5375	.3643	2.1279	2.6466
#1	389.34	35.202	-.14075	.21258	.07741	44.98	.41066	-9.7373
#2	388.51	34.369	-.14144	.20553	.07575	45.21	.39848	-9.3796

Sample Name: J6003-21DUP Acquired: 11/30/2018 1:29:15 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.365
Stddev	.343
%RSD	1.0611

#1	32.122
#2	32.608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6755.6	86137.	6739.8	56.444	3897.9
Stddev	27.7	1507.	157.6	2.212	1.1
%RSD	.40969	1.7497	2.3387	3.9194	.02897

#1	6736.0	87203.	6628.4	54.879	3898.7
#2	6775.2	85072.	6851.3	58.008	3897.1

Sample Name: J6003-21LX5 Acquired: 11/30/2018 1:33:21 Type: Unk
Method: P4-ICP2(v2617) 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	.01558	-.00089	.04912	.01006	-.00066	13.500	.03494	.00522
Stddev	.00133	.00036	.00058	.00052	.00102	.031	.00005	.00007
%RSD	8.5557	40.883	1.1762	5.1524	154.79	.23035	.13989	1.2496

#1	.01653	-.00063	.04871	.00970	-.00139	13.522	.03497	.00517
#2	.01464	-.00115	.04952	.01043	.00006	13.478	.03490	.00527

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	66.500	.01758	.05097	.13658	30.333	7.6781	10.965
Stddev	.00015	.683	.00059	.00041	.00002	1.077	.0253	.046
%RSD	50.330	1.0277	3.3763	.80232	.01250	3.5497	.32961	.42348

#1	-.00019	66.983	.01800	.05126	.13660	29.571	7.6602	10.932
#2	-.00040	66.016	.01716	.05068	.13657	31.094	7.6960	10.998

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05286	-.00137	4.6423	.07101	.44786	2.0961	-.00030	.13849
Stddev	.00048	.00015	.0203	.00017	.01382	.0349	.00006	.01092
%RSD	.90703	11.053	.43708	.24497	3.0850	1.6653	21.604	7.8847

#1	.05320	-.00126	4.6567	.07089	.43809	2.0715	-.00034	.14621
#2	.05252	-.00148	4.6280	.07114	.45763	2.1208	-.00025	.13076

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 214.03	F 11.558	-.07869	.06600	.02716	9.185	.14682	<.00000
Stddev	.19	.074	.00038	.00119	.00055	.020	.00279	.02847
%RSD	.08722	.64114	.48875	1.8025	2.0381	.2198	1.9002	2.2366

#1	214.16	11.610	-.07842	.06684	.02677	9.171	.14880	-1.2529
#2	213.90	11.505	-.07896	.06516	.02755	9.199	.14485	-1.2931

Sample Name: J6003-21LX5 Acquired: 11/30/2018 1:33:21 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.2573
Stddev	.4186
%RSD	5.0698

#1	8.5533
#2	7.9613

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4880.5	62363.	4602.0	61.438	4474.6
Stddev	9.2	181.	38.7	1.680	11.8
%RSD	.18950	.29031	.84183	2.7337	.26466

#1	4874.0	62235.	4574.6	62.626	4466.2
#2	4887.1	62491.	4629.4	60.251	4483.0

Sample Name: J6003-21MS Acquired: 11/30/2018 1:37:26 Type: Unk
Method: P4-ICP2(v2617) 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	.46799	1.6251	1.0181	1.1579	.39908	44.953	.20528	.11746
Stddev	.00288	.0254	.0195	.0107	.00008	.197	.00237	.00124
%RSD	.61538	1.5609	1.9121	.92684	.02012	.43924	1.1556	1.0523
#1	.46595	1.6071	1.0043	1.1503	.39914	45.093	.20696	.11834
#2	.47002	1.6430	1.0318	1.1655	.39902	44.813	.20361	.11659
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16425	207.05	.27542	.41103	.56073	143.74	20.276	34.642
Stddev	.00357	1.98	.00056	.00739	.00558	3.90	.179	.106
%RSD	2.1747	.95727	.20213	1.7968	.99437	2.7134	.88444	.30606
#1	.16173	208.45	.27581	.40581	.55679	146.50	20.403	34.717
#2	.16678	205.65	.27503	.41626	.56468	140.98	20.150	34.567
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70102	.03911	15.028	.38084	2.1976	12.115	.22033	.63783
Stddev	.01249	.00066	.137	.00204	.0736	.087	.00179	.00775
%RSD	1.7811	1.6897	.91119	.53542	3.3478	.72217	.81463	1.2152
#1	.69219	.03958	15.125	.38228	2.2497	12.177	.21906	.63234
#2	.70985	.03865	14.931	.37940	2.1456	12.053	.22160	.64331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 391.46	F 34.688	.44434	.30790	.19104	F 48.42	.50583	<.00000
Stddev	5.00	.301	.00912	.00212	.00069	.72	.00192	.39221
%RSD	1.2761	.86887	2.0516	.68839	.36275	1.492	.38019	4.3664
#1	387.93	34.901	.43789	.30940	.19153	47.91	.50719	-8.7051
#2	394.99	34.475	.45078	.30640	.19055	48.93	.50447	-9.2598

Sample Name: J6003-21MS Acquired: 11/30/2018 1:37:26 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	30.938
Stddev	.161
%RSD	.52159

#1	31.053
#2	30.824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6562.4	85380.	6541.4	56.633	3824.8
Stddev	51.0	833.	99.2	1.876	62.5
%RSD	.77645	.97591	1.5162	3.3122	1.6331

#1	6598.5	84791.	6471.3	55.307	3868.9
#2	6526.4	85969.	6611.5	57.960	3780.6

Sample Name: CCV17 Acquired: 11/30/2018 1:41:27 Type: Unk
Method: P4-ICP2(v2617) 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	4.9431	4.8063	4.7344	4.7533	4.7108	9.2010	10.038	.23659
Stddev	.0016	.0032	.0116	.0091	.0021	.0476	.004	.00185
%RSD	.03211	.06633	.24478	.19133	.04445	.51716	.04000	.77984

#1	4.9443	4.8040	4.7262	4.7597	4.7122	9.1674	10.035	.23790
#2	4.9420	4.8085	4.7426	4.7469	4.7093	9.2347	10.041	.23529

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3361	25.254	.99030	2.3183	1.2332	4.9491	2.4224	25.341
Stddev	.0026	.163	.00259	.0029	.0004	.0324	.0096	.004
%RSD	.11313	.64694	.26163	.12547	.02873	.65530	.39508	.01390

#1	2.3343	25.369	.98847	2.3163	1.2335	4.9720	2.4292	25.338
#2	2.3380	25.138	.99213	2.3204	1.2330	4.9262	2.4156	25.343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3856	1.2105	26.683	2.5149	2.5452	26.667	5.0188	4.9298
Stddev	.0021	.0057	.048	.0048	.0312	.133	.0056	.0052
%RSD	.08637	.46957	.17829	.19176	1.2244	.50028	.11185	.10467

#1	2.3841	1.2145	26.717	2.5183	2.5673	26.761	5.0227	4.9262
#2	2.3870	1.2065	26.649	2.5115	2.5232	26.572	5.0148	4.9335

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.7137	5.3083	4.8372	4.9041	5.1083	4.689	4.9734	F 2.9487
Stddev	.0534	.0060	.0082	.0100	.0039	.007	.0116	.1926
%RSD	.93383	.11297	.16968	.20359	.07539	.1486	.23287	6.5318

#1	5.7514	5.3125	4.8314	4.9112	5.1111	4.684	4.9816	2.8125
#2	5.6760	5.3040	4.8430	4.8971	5.1056	4.694	4.9652	3.0849

Sample Name: CCV17 Acquired: 11/30/2018 1:41:27 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3531
Stddev	.9620
%RSD	40.882

#1	3.0333
#2	1.6729

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3995.1	51189.	3822.4	55.704	3952.6
Stddev	1.2	112.	14.0	.716	5.8
%RSD	.02971	.21843	.36712	1.2855	.14715

#1	3996.0	51268.	3812.4	55.197	3956.8
#2	3994.3	51110.	3832.3	56.210	3948.5

Sample Name: CCB17 Acquired: 11/30/2018 1:45:14 Type: Unk
Method: P4-ICP2(v2617) 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	.00065	.00216	.00084	-.00019	.00226	-.00253	.00269
Stddev	.00076	.00143	.00024	.00287	.00086	.00388	.00046
%RSD	115.62	66.318	28.350	1536.7	37.976	153.48	17.162

#1	.00012	.00317	.00100	-.00221	.00166	.00022	.00301
#2	.00119	.00115	.00067	.00184	.00287	-.00527	.00236

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00006	-.01017	-.00027	-.00021	.00046	.00162
Stddev	.00002	.00008	.02010	.00032	.00005	.00050	.00239
%RSD	27.257	144.28	197.60	119.71	22.469	110.46	147.16

#1	-.00009	-.00000	-.02438	-.00050	-.00024	.00010	-.00007
#2	-.00006	.00011	.00404	-.00004	-.00017	.00081	.00331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.02718	-.00062	-.00040	.33664	-.00014	-.00046
Stddev	.00008	.02143	.00032	.00001	.00840	.00009	.00008
%RSD	21.358	78.831	52.068	1.6754	2.4957	65.283	17.902

#1	.00042	-.04233	-.00039	-.00039	.33069	-.00021	-.00040
#2	.00031	-.01203	-.00085	-.00040	.34258	-.00008	-.00052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05597	.00060	.01280	F .48708	-.00216	.00191	-.00016
Stddev	.03500	.00021	.00182	.03366	.00068	.00008	.00157
%RSD	62.538	34.094	14.185	6.9107	31.642	3.9278	969.70

#1	.08071	.00075	.01409	.51089	-.00168	.00197	-.00127
#2	.03122	.00046	.01152	.46328	-.00265	.00186	.00095

Sample Name: CCB17 Acquired: 11/30/2018 1:45:14 Type: Unk
 Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00808	.0004	.00023	F 1.8609	F<.00000
Stddev	.00172	.0000	.00004	.2752	.42134
%RSD	21.313	6.950	18.023	14.789	243.96

#1	.00930	.0004	.00020	2.0555	-.47065
#2	.00686	.0004	.00026	1.6663	.12522

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4121.2	53222.	3816.0	58.969	4565.2
Stddev	11.0	258.	5.3	.175	14.8
%RSD	.26742	.48403	.13805	.29705	.32468

#1	4113.4	53039.	3819.7	58.845	4554.7
#2	4129.0	53404.	3812.2	59.093	4575.6

Sample Name: J6003-21MSD Acquired: 11/30/2018 1:49:22 Type: Unk
Method: P4-ICP2(v2617) 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	.47512	1.6595	1.0322	1.1676	.40147	46.428	.21292	.12067
Stddev	.00371	.0195	.0189	.0070	.00248	.043	.00043	.00030
%RSD	.78086	1.1758	1.8330	.59861	.61885	.09160	.20395	.24996
#1	.47250	1.6457	1.0189	1.1627	.39971	46.398	.21322	.12088
#2	.47775	1.6733	1.0456	1.1726	.40323	46.458	.21261	.12045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16564	214.19	.28302	.41666	.56616	150.09	20.761	35.827
Stddev	.00206	.81	.00095	.00528	.00428	1.51	.207	.075
%RSD	1.2454	.37827	.33418	1.2661	.75605	1.0052	.99612	.20889
#1	.16418	214.77	.28235	.41293	.56313	149.02	20.907	35.774
#2	.16710	213.62	.28369	.42039	.56918	151.16	20.614	35.880
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71211	.03971	15.457	.39013	2.2622	12.499	.22251	.66504
Stddev	.00908	.00026	.052	.00152	.0164	.089	.00218	.00430
%RSD	1.2755	.66193	.33376	.38864	.72688	.71201	.98105	.64710
#1	.70569	.03953	15.494	.39120	2.2506	12.562	.22097	.66200
#2	.71853	.03990	15.421	.38906	2.2738	12.436	.22405	.66809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 394.78	F 35.506	.45196	.31578	.19520	F 49.23	.51941	<.00000
Stddev	3.85	.161	.00799	.00172	.00010	.52	.00675	.16602
%RSD	.97501	.45436	1.7681	.54408	.04956	1.053	1.2992	2.0366
#1	392.06	35.620	.44631	.31456	.19526	48.86	.52418	-8.2692
#2	397.50	35.392	.45761	.31699	.19513	49.59	.51464	-8.0344

Sample Name: J6003-21MSD Acquired: 11/30/2018 1:49:22 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	31.479
Stddev	1.256
%RSD	3.9894

#1	32.367
#2	30.591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6473.6	83197.	6376.9	54.534	3742.3
Stddev	15.3	168.	41.8	.268	32.2
%RSD	.23693	.20169	.65614	.49146	.86041

#1	6484.5	83079.	6347.4	54.724	3765.1
#2	6462.8	83316.	6406.5	54.345	3719.5

Sample Name: J6003-21A Acquired: 11/30/2018 1:53:23 Type: Unk
Method: P4-ICP2(v2617) 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	.48066	1.6735	1.0441	1.1862	.40591	46.200	.20678	.11966
Stddev	.00064	.0203	.0058	.0047	.00224	.291	.00002	.00045
%RSD	.13385	1.2120	.55197	.39261	.55278	.62976	.01172	.37236
#1	.48021	1.6879	1.0482	1.1895	.40750	45.994	.20676	.11998
#2	.48112	1.6592	1.0401	1.1829	.40432	46.406	.20679	.11935
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16761	210.32	.27870	.42188	.56773	148.85	20.571	34.739
Stddev	.00215	.17	.00026	.00475	.00147	1.05	.093	.091
%RSD	1.2805	.08309	.09167	1.1258	.25865	.70210	.45294	.26309
#1	.16912	210.20	.27852	.42524	.56877	149.59	20.637	34.804
#2	.16609	210.45	.27888	.41853	.56670	148.11	20.506	34.675
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72081	.03934	15.141	.38828	2.2656	12.311	.22391	.65761
Stddev	.00760	.00020	.052	.00158	.0230	.024	.00116	.01561
%RSD	1.0541	.52078	.34203	.40764	1.0147	.19197	.51752	2.3741
#1	.72618	.03949	15.178	.38940	2.2819	12.327	.22473	.64657
#2	.71544	.03920	15.104	.38716	2.2494	12.294	.22309	.66865
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 394.10	F 34.767	.45633	.31126	.19331	F 49.85	.51009	<.00000
Stddev	1.77	.207	.00462	.00136	.00071	.55	.00188	.05924
%RSD	.45006	.59548	1.0121	.43749	.36870	1.112	.36782	.65620
#1	395.35	34.913	.45960	.31030	.19382	50.24	.50877	-8.9862
#2	392.84	34.621	.45307	.31223	.19281	49.46	.51142	-9.0700

Sample Name: J6003-21A Acquired: 11/30/2018 1:53:23 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	32.681
Stddev	.493
%RSD	1.5087

#1	32.332
#2	33.030

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6593.9	85120.	6625.0	55.850	3788.6
Stddev	73.3	405.	61.5	.820	62.7
%RSD	1.1122	.47582	.92835	1.4690	1.6561

#1	6542.1	84834.	6581.5	55.270	3744.2
#2	6645.8	85406.	6668.5	56.430	3833.0

Sample Name: CCV18 Acquired: 11/30/2018 1:57:24 Type: Unk
Method: P4-ICP2(v2617) 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	4.9469	4.7994	4.7156	4.7595	4.7003	9.3217	9.9439	.23734
Stddev	.0089	.0155	.0122	.0025	.0056	.0404	.0552	.00140
%RSD	.17941	.32381	.25886	.05332	.11863	.43312	.55468	.58806
#1	4.9406	4.7885	4.7070	4.7577	4.6963	9.2931	9.9829	.23833
#2	4.9532	4.8104	4.7243	4.7613	4.7042	9.3502	9.9049	.23635
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3218	24.985	.99734	2.3006	1.2267	4.9453	2.4256	25.034
Stddev	.0081	.051	.00620	.0094	.0018	.1704	.0171	.183
%RSD	.34783	.20598	.62197	.40824	.14550	3.4458	.70381	.73023
#1	2.3161	25.021	1.0017	2.2940	1.2255	5.0658	2.4377	24.904
#2	2.3275	24.948	.99296	2.3072	1.2280	4.8248	2.4135	25.163
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3782	1.2174	26.353	2.5268	2.4959	26.366	5.0100	4.9069
Stddev	.0102	.0030	.100	.0133	.1208	.243	.0050	.0045
%RSD	.42797	.24605	.37865	.52812	4.8404	.92343	.09896	.09228
#1	2.3710	1.2195	26.423	2.5362	2.5814	26.538	5.0065	4.9037
#2	2.3854	1.2153	26.282	2.5173	2.4105	26.193	5.0135	4.9101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5.8028	5.2860	4.8301	4.8809	5.0607	4.707	4.9160	F 3.0781
Stddev	.0704	.0146	.0140	.0123	.0312	.002	.0321	.0655
%RSD	1.2125	.27639	.28916	.25223	.61605	.0343	.65191	2.1265
#1	5.8525	5.2963	4.8202	4.8722	5.0827	4.705	4.9387	3.1244
#2	5.7530	5.2757	4.8400	4.8896	5.0386	4.708	4.8933	3.0318

Sample Name: CCV18 Acquired: 11/30/2018 1:57:24 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.9851
Stddev .6073
%RSD 30.591

#1 2.4145
#2 1.5557

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4049.5	51510.	3920.1	57.232	4007.1
Stddev	4.1	431.	28.7	2.832	1.1
%RSD	.10213	.83766	.73307	4.9491	.02839

#1	4046.6	51205.	3899.8	55.229	4008.0
#2	4052.5	51815.	3940.4	59.235	4006.3

Sample Name: CCB18 Acquired: 11/30/2018 2:01:12 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.00125	.00025	.00216	.00096	.00804	.00267	-.00005
Stddev	.00133	.00019	.00036	.00036	.00283	.00530	.00034	.00001
%RSD	95.272	14.894	139.67	16.593	295.32	65.878	12.629	15.609
#1	.00233	.00112	.00051	.00191	.00296	.01179	.00243	-.00004
#2	.00045	.00138	.00000	.00241	-.00104	.00430	.00291	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01411	-.00015	.00001	-.00011	-.01098	.00025	.03528
Stddev	.00007	.00658	.00030	.00014	.00026	.01941	.00000	.12193
%RSD	76.747	46.628	204.31	1304.6	229.08	176.84	1.8140	345.62
#1	.00004	.01876	.00007	.00011	-.00030	.00275	.00026	.12150
#2	.00013	.00946	-.00036	-.00009	.00007	-.02470	.00025	-.05094
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.00018	.21745	-.00040	-.00039	.00711	.00071	.00459
Stddev	.00001	.00022	.00262	.00027	.00006	.04769	.00024	.00498
%RSD	1.5119	119.47	1.2057	66.489	16.199	670.80	34.737	108.56
#1	-.00062	.00003	.21930	-.00059	-.00035	.04083	.00088	.00107
#2	-.00061	.00033	.21559	-.00021	-.00044	-.02661	.00053	.00812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .52907	.00163	.00170	-.00080	F .00664	.0004	.00012	F 1.5010
Stddev	.03166	.00172	.00050	.00153	.00112	.0001	.00002	.0520
%RSD	5.9849	105.83	29.372	190.49	16.836	25.77	18.439	3.4650
#1	.55146	.00284	.00205	-.00189	.00585	.0004	.00010	1.4642
#2	.50668	.00041	.00135	.00028	.00743	.0005	.00013	1.5378

Sample Name: CCB18 Acquired: 11/30/2018 2:01:12 Type: Unk
Method: P4-ICP2(v2617) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .28332
Stddev .12925
%RSD 45.618

#1 .19193
#2 .37472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4183.2	54082.	3929.2	57.932	4633.4
Stddev	6.2	17.	2.3	1.170	20.3
%RSD	.14715	.03162	.05767	2.0195	.43883

#1	4178.8	54070.	3927.6	58.759	4619.0
#2	4187.5	54095.	3930.8	57.105	4647.7