

Sample Name: S0 Acquired: 6/24/2019 12:33:11 Type: Cal
Method: P4-ICP2(v3227) 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	.00036	.00047	.00798	-.00035	.00126	.00079	-.00000	-.00032
Stddev	.00024	.00007	.00019	.00018	.00060	.00030	.00031	.00010
%RSD	65.361	14.603	2.4420	50.752	47.650	38.142	6871.3	32.848

#1	.00030	.00054	.00796	-.00015	.00128	.00046	.00019	-.00020
#2	.00016	.00041	.00780	-.00047	.00065	.00086	-.00037	-.00037
#3	.00062	.00046	.00819	-.00045	.00185	.00104	.00016	-.00038

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	-.00567	.00201	.00018	-.00050	.00651	.00199	.00028	.00014
Stddev	.00035	.00127	.00011	.00007	.00049	.00014	.00008	.00003
%RSD	6.2373	63.438	59.020	14.264	7.5995	6.9340	27.512	20.672

#1	-.00527	.00126	.00026	-.00042	.00600	.00184	.00024	.00016
#2	-.00591	.00129	.00022	-.00051	.00655	.00202	.00037	.00015
#3	-.00585	.00348	.00006	-.00057	.00698	.00212	.00022	.00011

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	-.01340	.00072	.00250	.00119	.00627	.00097	-.00006	.00003
Stddev	.00020	.00012	.00057	.00014	.00018	.00040	.00022	.00003
%RSD	1.4998	16.473	22.964	11.317	2.8969	41.058	387.81	103.14

#1	-.01351	.00079	.00204	.00111	.00615	.00108	-.00030	.00006
#2	-.01352	.00079	.00232	.00112	.00648	.00131	.00014	-.00000
#3	-.01317	.00058	.00315	.00135	.00619	.00053	-.00001	.00003

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	.00069	.03928	.00152	.00238	.04356	-.0024	-.00022	925.39
Stddev	.00048	.00219	.00015	.00095	.00185	.0002	.00110	11.20
%RSD	69.615	5.5878	10.078	39.891	4.2451	6.259	487.96	1.2106

#1	.00030	.03969	.00144	.00265	.04537	-.0023	.00055	931.78
#2	.00123	.04124	.00142	.00317	.04167	-.0023	-.00148	912.46
#3	.00055	.03691	.00170	.00133	.04362	-.0026	.00025	931.94

Sample Name: S0 Acquired: 6/24/2019 12:33:11 Type: Cal
Method: P4-ICP2(v3227) Mode: IR Corr. Factor: 1.000000
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Comment:

Elem	U_3859
Units	Cts/S
Avg	-274.59
Stddev	5.29
%RSD	1.9247

#1	-280.66
#2	-272.02
#3	-271.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.1	24084.	2057.4	34.665	2181.4
Stddev	7.2	200.	34.7	.701	13.1
%RSD	.38244	.83232	1.6852	2.0208	.59994

#1	1879.2	24310.	2018.9	33.939	2177.6
#2	1882.9	23928.	2067.2	35.336	2170.6
#3	1893.1	24013.	2086.2	34.720	2196.0

Sample Name: S1 Acquired: 6/24/2019 12:37:37 Type: Cal
Method: P4-ICP2(v3227) 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	.00233	.00847	.01178	.00168	.01072	.00188	.04649	.00624
Stddev	.00014	.00017	.00021	.00040	.00017	.00010	.00040	.00011
%RSD	6.1810	1.9656	1.7669	23.618	1.5546	5.2046	.85371	1.7989

#1	.00249	.00856	.01174	.00156	.01086	.00194	.04608	.00612
#2	.00223	.00857	.01160	.00136	.01053	.00192	.04651	.00624
#3	.00227	.00828	.01201	.00213	.01075	.00176	.04687	.00635

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	.02418	.00324	.04222	.03320	.01801	.03544	.02193	.00417
Stddev	.00010	.00011	.00021	.00030	.00021	.00037	.00032	.00016
%RSD	.42864	3.5235	.49599	.89232	1.1634	1.0426	1.4421	3.7267

#1	.02407	.00314	.04201	.03317	.01807	.03571	.02182	.00434
#2	.02428	.00321	.04243	.03351	.01778	.03502	.02229	.00404
#3	.02418	.00336	.04222	.03292	.01819	.03558	.02169	.00412

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	.01544	.10300	.21804	.00028	.00171	.33491	.01323	.01732
Stddev	.00007	.00038	.00039	.00004	.00027	.00219	.00036	.00077
%RSD	.43543	.37350	.17863	15.470	15.530	.65441	2.7515	4.4376

#1	.01537	.10295	.21772	.00031	.00147	.33739	.01359	.01653
#2	.01550	.10341	.21847	.00023	.00199	.33323	.01286	.01807
#3	.01546	.10265	.21793	.00030	.00166	.33411	.01324	.01735

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10408	-.0006	.33582	906.46	-284.35
Stddev	.00577	.0002	.00140	9.19	2.35
%RSD	5.5461	31.25	.41687	1.0139	.82648

#1	.10657	-.0005	.33492	916.77	-286.45
#2	.10819	-.0004	.33743	899.14	-281.81
#3	.09748	-.0008	.33510	903.45	-284.80

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 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.7	23906.	2063.8	34.237	2159.9
Stddev	1.6	17.	3.5	1.106	2.5
%RSD	.08335	.07145	.16918	3.2295	.11805
#1	1870.3	23915.	2059.9	34.095	2157.1
#2	1872.5	23916.	2066.5	33.209	2162.2
#3	1869.5	23886.	2065.0	35.407	2160.4

Sample Name: S2 Acquired: 6/24/2019 12:42:06 Type: Cal
Method: P4-ICP2(v3227) 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	.16859	.00229	.09597	.02308
Stddev	.00097	.00004	.00071	.00032
%RSD	.57695	1.5674	.73830	1.3994

#1	.16757	.00226	.09547	.02299
#2	.16869	.00233	.09567	.02344
#3	.16951	.00229	.09678	.02282

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	23907.	2069.4
Stddev	49.	8.9
%RSD	.20613	.42962

#1	23851.	2059.1
#2	23942.	2075.0
#3	23929.	2074.0

Sample Name: S3 Acquired: 6/24/2019 12:46:22 Type: Cal
Method: P4-ICP2(v3227) 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	.21921	.48053	.72502	.21343	.42570	.04902	2.1180	.12384
Stddev	.00154	.00074	.00147	.00047	.00079	.00028	.0073	.00033
%RSD	.70174	.15502	.20313	.21841	.18643	.57514	.34674	.26393
#1	.21757	.48082	.72346	.21294	.42654	.04887	2.1150	.12407
#2	.22063	.48109	.72523	.21387	.42559	.04885	2.1126	.12347
#3	.21943	.47969	.72638	.21348	.42497	.04935	2.1263	.12399
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	5.8190	.86914	.14820	1.7471	.75977	.36750	1.9502	.01185
Stddev	.0083	.00281	.00022	.0036	.00047	.00088	.0041	.00011
%RSD	.14356	.32376	.14857	.20813	.06215	.23998	.20944	.96771
#1	5.8169	.87088	.14796	1.7460	.75923	.36852	1.9537	.01190
#2	5.8118	.87065	.14823	1.7441	.75995	.36696	1.9511	.01171
#3	5.8282	.86589	.14839	1.7511	.76012	.36703	1.9457	.01192
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	1.0468	.19644	.51387	.42794	2.9539	.12404	2.5264	.00802
Stddev	.0015	.00011	.00175	.00057	.0033	.00065	.0072	.00005
%RSD	.13920	.05678	.34065	.13431	.11191	.52528	.28425	.64327
#1	1.0466	.19632	.51462	.42825	2.9540	.12442	2.5247	.00797
#2	1.0455	.19647	.51186	.42829	2.9505	.12329	2.5343	.00807
#3	1.0483	.19653	.51512	.42727	2.9571	.12442	2.5202	.00802
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	.13202	1.9086	.69747	.85634	6.3931	.2358	19.912	860.06
Stddev	.00058	.0070	.00167	.00546	.0313	.0004	.077	13.21
%RSD	.44088	.36882	.23929	.63745	.48983	.1527	.38561	1.5360
#1	.13263	1.9047	.69650	.85387	6.3878	.2361	19.880	859.15
#2	.13147	1.9168	.69651	.86260	6.4267	.2354	19.999	847.32
#3	.13196	1.9044	.69940	.85255	6.3647	.2360	19.856	873.70

Sample Name: S3 Acquired: 6/24/2019 12:46:22 Type: Cal
Method: P4-ICP2(v3227) Mode: IR Corr. Factor: 1.000000
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Comment:

Elem	U_3859
Units	Cts/S
Avg	-310.30
Stddev	8.30
%RSD	2.6745

#1	-317.88
#2	-311.59
#3	-301.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.6	23610.	2070.5	33.814	2055.5
Stddev	1.3	88.	20.1	1.008	4.4
%RSD	.07042	.37073	.96871	2.9795	.21598

#1	1849.6	23539.	2067.7	33.512	2053.2
#2	1850.1	23583.	2052.0	34.938	2060.6
#3	1852.1	23708.	2091.8	32.992	2052.6

Sample Name: S4 Acquired: 6/24/2019 12:50:27 Type: Cal
Method: P4-ICP2(v3227) 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	.42454	.94251	1.4145	.41465	.82979	.09472	4.1292	.23944
Stddev	.00085	.00168	.0013	.00057	.00158	.00023	.0138	.00046
%RSD	.19970	.17868	.08857	.13816	.19003	.24735	.33366	.19376

#1	.42546	.94210	1.4148	.41490	.83125	.09498	4.1415	.23996
#2	.42378	.94436	1.4156	.41505	.82998	.09451	4.1318	.23933
#3	.42439	.94107	1.4131	.41399	.82812	.09468	4.1143	.23905

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	11.537	1.6558	.28438	3.4116	1.4427	.69945	3.7394	.02304
Stddev	.016	.0019	.00194	.0072	.0038	.00075	.0051	.00007
%RSD	.14003	.11377	.68100	.21094	.26166	.10695	.13559	.30863

#1	11.535	1.6565	.28368	3.4114	1.4454	.69993	3.7447	.02297
#2	11.555	1.6572	.28657	3.4188	1.4442	.69984	3.7389	.02311
#3	11.523	1.6537	.28289	3.4045	1.4383	.69859	3.7346	.02306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0510	.37888	1.0079	.81989	5.7527	.24209	4.8417	.01556
Stddev	.0047	.00082	.0041	.00137	.0105	.00138	.0047	.00021
%RSD	.22996	.21669	.40561	.16709	.18329	.56829	.09682	1.3292

#1	2.0531	.37922	1.0122	.81952	5.7516	.24357	4.8420	.01579
#2	2.0543	.37948	1.0075	.82140	5.7637	.24183	4.8461	.01549
#3	2.0456	.37795	1.0041	.81874	5.7427	.24086	4.8368	.01539

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	.26430	3.6702	1.3712	1.6421	12.745	.4772	62.599	839.35
Stddev	.00125	.0070	.0006	.0025	.030	.0007	.295	8.49
%RSD	.47309	.19024	.04362	.15348	.23457	.1367	.47051	1.0115

#1	.26453	3.6662	1.3705	1.6449	12.729	.4766	62.856	832.07
#2	.26541	3.6783	1.3714	1.6415	12.779	.4771	62.664	837.31
#3	.26295	3.6662	1.3716	1.6400	12.726	.4779	62.278	848.68

Sample Name: S4 Acquired: 6/24/2019 12:50:27 Type: Cal
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 Comment:

Elem	U_3859
Units	Cts/S
Avg	-326.14
Stddev	8.07
%RSD	2.4730

#1	-317.59
#2	-327.22
#3	-333.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.6	23293.	2071.8	34.641	1977.0
Stddev	4.0	90.	10.7	.641	4.6
%RSD	.21826	.38704	.51821	1.8499	.23089

#1	1830.7	23210.	2061.6	33.907	1974.6
#2	1831.8	23282.	2070.7	34.924	1974.2
#3	1838.1	23389.	2083.0	35.091	1982.3

Sample Name: S5 Acquired: 6/24/2019 12:54:26 Type: Cal
Method: P4-ICP2(v3227) 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	.86249	1.9085	2.8975	.83187	1.6687	.18715	8.2161	.47698
Stddev	.00270	.0064	.0059	.00212	.0052	.00018	.0099	.00121
%RSD	.31327	.33438	.20297	.25450	.30981	.09873	.11997	.25445
#1	.86206	1.9121	2.9039	.83225	1.6700	.18695	8.2061	.47566
#2	.86537	1.9011	2.8923	.83378	1.6731	.18731	8.2258	.47804
#3	.86002	1.9123	2.8963	.82959	1.6630	.18719	8.2165	.47725
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	23.781	3.3347	.56595	7.0029	2.8414	1.3804	7.4065	.04555
Stddev	.059	.0027	.00064	.0221	.0087	.0010	.0033	.00013
%RSD	.24622	.08006	.11224	.31557	.30559	.07442	.04487	.27885
#1	23.834	3.3324	.56553	7.0219	2.8481	1.3813	7.4038	.04542
#2	23.718	3.3376	.56563	6.9787	2.8444	1.3793	7.4056	.04557
#3	23.790	3.3339	.56668	7.0080	2.8316	1.3806	7.4102	.04567
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	4.2243	.75751	2.0358	1.6433	11.913	.49153	9.7253	.03123
Stddev	.0173	.00110	.0059	.0018	.030	.00064	.0170	.00012
%RSD	.41002	.14580	.28873	.10916	.24907	.13065	.17493	.37410
#1	4.2379	.75684	2.0292	1.6424	11.941	.49098	9.7212	.03110
#2	4.2048	.75691	2.0377	1.6421	11.882	.49138	9.7440	.03134
#3	4.2302	.75879	2.0404	1.6454	11.917	.49224	9.7107	.03125
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	.55766	7.4281	2.8265	3.3033	25.857	1.010	126.00	792.23
Stddev	.00092	.0096	.0084	.0123	.081	.002	.44	16.05
%RSD	.16586	.12980	.29574	.37340	.31478	.2325	.34540	2.0255
#1	.55856	7.4392	2.8349	3.3142	25.944	1.011	126.48	809.89
#2	.55671	7.4221	2.8182	3.3058	25.844	1.007	125.88	788.22
#3	.55770	7.4229	2.8264	3.2899	25.782	1.011	125.63	778.56

Sample Name: S5 Acquired: 6/24/2019 12:54:26 Type: Cal
Method: P4-ICP2(v3227) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-365.52
Stddev	2.97
%RSD	.81358

#1	-364.96
#2	-362.87
#3	-368.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.9	23183.	2035.6	32.558	1874.3
Stddev	6.7	43.	5.9	1.121	4.1
%RSD	.37226	.18529	.29214	3.4421	.21863

#1	1799.2	23226.	2028.9	32.907	1869.7
#2	1796.9	23184.	2037.5	31.305	1877.5
#3	1809.5	23140.	2040.3	33.464	1875.8

Sample Name: ICV01 Acquired: 6/24/2019 13:12:57 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0140	1.0368	.99390	1.0209	1.0005	2.5098	.50842
Stddev	.0038	.0040	.00452	.0061	.0030	.0254	.00131
%RSD	.37878	.38062	.45489	.59557	.29819	1.0112	.25726

#1	1.0134	1.0331	.98873	1.0279	.99800	2.4996	.50734
#2	1.0105	1.0362	.99581	1.0175	.99978	2.5387	.50987
#3	1.0181	1.0410	.99715	1.0173	1.0038	2.4911	.50805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49467	.48473	10.200	.50797	.49591	.50581	5.1870
Stddev	.00049	.00105	.017	.00126	.00125	.00273	.0126
%RSD	.09815	.21631	.16804	.24858	.25244	.54042	.24217

#1	.49475	.48357	10.199	.50876	.49448	.50317	5.1728
#2	.49512	.48500	10.184	.50652	.49646	.50564	5.1915
#3	.49416	.48562	10.218	.50864	.49679	.50863	5.1967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51475	5.9702	.50164	.51559	9.8398	.51058	.97488
Stddev	.00015	.0912	.00028	.00147	.0582	.00044	.00187
%RSD	.02905	1.5274	.05646	.28579	.59110	.08675	.19158

#1	.51490	5.8850	.50131	.51618	9.7884	.51011	.97273
#2	.51476	5.9592	.50182	.51391	9.8281	.51062	.97581
#3	.51460	6.0664	.50178	.51668	9.9029	.51099	.97610

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7508	2.4715	2.4182	F .00127	2.5764	F 2.3638	2.4380
Stddev	.0515	.0075	.0329	.00172	.0057	.0057	.0115
%RSD	.52788	.30479	1.3611	135.29	.22065	.24119	.47338

#1	9.7020	2.4698	2.3880	.00147	2.5727	2.3579	2.4274
#2	9.8046	2.4651	2.4533	-.00054	2.5829	2.3693	2.4364
#3	9.7457	2.4798	2.4134	.00288	2.5735	2.3641	2.4503

Sample Name: ICV01 Acquired: 6/24/2019 13:12:57 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00002	F -.0061	F .00903	F 2.1918	F 1.5895
Stddev	.00163	.0008	.00015	.1526	.5138
%RSD	6836.2	13.85	1.7135	6.9612	32.324
#1	-.00187	-.0071	.00903	2.0782	1.5683
#2	.00121	-.0055	.00918	2.1321	1.0867
#3	.00059	-.0058	.00887	2.3652	2.1136
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.5	23818.	2068.7	34.863	2116.2
Stddev	4.1	82.	9.8	.455	7.6
%RSD	.21574	.34485	.47246	1.3039	.35745
#1	1873.6	23740.	2058.4	35.202	2112.4
#2	1877.1	23809.	2069.8	35.041	2111.4
#3	1881.7	23904.	2077.9	34.347	2125.0

Sample Name: LLICV01 Acquired: 6/24/2019 13:17:06 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02044	.04341	.01244	.01954	.05562	.10728	.11214	.00675
Stddev	.00195	.00169	.00188	.00504	.00126	.02166	.00026	.00010
%RSD	9.5552	3.8892	15.091	25.817	2.2661	20.194	.22948	1.4627
#1	.02187	.04287	.01435	.01374	.05666	.08493	.11227	.00687
#2	.02124	.04206	.01060	.02293	.05422	.12818	.11232	.00672
#3	.01822	.04530	.01236	.02194	.05599	.10872	.11185	.00668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00617	2.1791	.01061	.03019	.01927	.11150	.02343	2.1658
Stddev	.00002	.0575	.00001	.00008	.00034	.00051	.00004	.0325
%RSD	.33984	2.6387	.09530	.26633	1.7750	.45852	.18553	1.5017
#1	.00616	2.1937	.01060	.03009	.01905	.11130	.02339	2.1973
#2	.00616	2.1158	.01062	.03023	.01966	.11112	.02343	2.1323
#3	.00620	2.2280	.01062	.03023	.01909	.11208	.02348	2.1678
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04236	.01100	2.0838	.04367	.04024	2.0820	.22264	F .12002
Stddev	.00032	.00068	.0067	.00008	.00020	.0366	.00051	.01860
%RSD	.75373	6.2087	.32168	.17313	.50691	1.7572	.22757	15.499
#1	.04254	.01178	2.0885	.04366	.04027	2.1242	.22248	.12586
#2	.04255	.01055	2.0761	.04361	.04003	2.0585	.22224	.09920
#3	.04199	.01066	2.0868	.04375	.04043	2.0634	.22321	.13500
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01555	.40109	.04162	.04643	.02014	.0198	F .02796	F 1.3357
Stddev	.00336	.00296	.00104	.00251	.00314	.0015	.00039	.2871
%RSD	21.590	.73689	2.5030	5.4066	15.583	7.475	1.3952	21.494
#1	.01802	.40299	.04199	.04924	.02366	.0182	.02810	1.0308
#2	.01690	.39768	.04045	.04566	.01762	.0210	.02752	1.3754
#3	.01173	.40259	.04243	.04440	.01915	.0203	.02827	1.6009

Sample Name: LLICV01 Acquired: 6/24/2019 13:17:06 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .44437
Stddev .37952
%RSD 85.407

#1 .39096
#2 .09438
#3 .84777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.6	23989.	2064.5	34.618	2177.7
Stddev	2.6	75.	13.3	1.294	3.7
%RSD	.13912	.31219	.64502	3.7388	.16869

#1	1882.6	23908.	2054.0	35.175	2175.5
#2	1886.7	24056.	2079.5	35.541	2181.9
#3	1887.4	24005.	2059.9	33.139	2175.6

Sample Name: ICB01 Acquired: 6/24/2019 13:21:33 Type: Unk
Method: P4-ICP2(v3227) 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	-.00030	.00098	-.00036	-.00005	.00079	-.00792	.00126	.00001
Stddev	.00248	.00015	.00104	.00115	.00188	.01518	.00042	.00005
%RSD	820.83	14.987	287.18	2228.8	236.06	191.59	33.091	388.51
#1	-.00080	.00110	-.00027	.00089	.00030	-.02092	.00171	.00005
#2	-.00250	.00082	.00063	-.00133	-.00078	-.01161	.00088	.00002
#3	.00239	.00101	-.00145	.00029	.00287	.00876	.00121	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01633	-.00046	-.00007	.00010	-.00019	-.00010	-.06610
Stddev	.00004	.01917	.00010	.00032	.00021	.00040	.00003	.00936
%RSD	50.198	117.37	21.762	449.22	215.17	211.86	25.169	14.156
#1	.00009	-.02550	-.00040	-.00042	-.00013	-.00008	-.00009	-.06098
#2	.00004	-.02919	-.00040	-.00000	.00029	.00015	-.00008	-.06042
#3	.00013	.00570	-.00057	.00021	.00013	-.00064	-.00013	-.07690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00017	-.03915	-.00055	-.00045	-.00381	.00020	-.00224
Stddev	.00032	.00039	.00599	.00061	.00015	.02047	.00027	.00439
%RSD	1204.5	234.57	15.296	110.84	33.580	537.55	131.58	196.18
#1	-.00025	.00016	-.04208	-.00007	-.00035	-.01362	.00011	.00071
#2	-.00005	-.00022	-.04311	-.00035	-.00063	.01972	.00050	-.00014
#3	.00038	.00056	-.03226	-.00125	-.00039	-.01752	-.00001	-.00728
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	-.00108	.00051	.00291	.00026	-.0011	-.00003	F 1.4842
Stddev	.00084	.00468	.00084	.00227	.00255	.0020	.00015	.3329
%RSD	54.518	432.94	164.15	77.756	985.83	192.0	487.27	22.428
#1	-.00159	.00103	.00023	.00061	-.00153	-.0034	-.00016	1.3826
#2	-.00068	.00217	-.00015	.00300	-.00087	.0003	-.00008	1.8561
#3	-.00237	-.00644	.00145	.00514	.00317	-.0000	.00014	1.2140

Sample Name: ICB01 Acquired: 6/24/2019 13:21:33 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .39160
Stddev	.71519
%RSD	182.63

#1	-.40868
#2	.96828
#3	.61520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1882.2	23949.	2067.3	34.636	2182.1
Stddev	4.4	88.	11.6	.684	1.5
%RSD	.23541	.36846	.56217	1.9741	.06671

#1	1880.8	23995.	2057.2	35.216	2180.4
#2	1878.6	23848.	2080.0	33.882	2182.7
#3	1887.2	24006.	2064.6	34.809	2183.2

Sample Name: CRI01 Acquired: 6/24/2019 13:26:01 Type: Unk
Method: P4-ICP2(v3227) 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	.02220	.04375	.01354	.01653	.05327	.12731	.11224	.00672
Stddev	.00175	.00276	.00124	.00369	.00238	.00337	.00064	.00012
%RSD	7.8974	6.3171	9.1714	22.290	4.4621	2.6432	.57419	1.7115
#1	.02096	.04694	.01345	.01407	.05540	.12414	.11172	.00686
#2	.02421	.04228	.01234	.02077	.05070	.12697	.11296	.00668
#3	.02145	.04203	.01482	.01475	.05370	.13084	.11204	.00664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	2.2306	.01104	.03059	.01957	.11356	.02346	2.1284
Stddev	.00002	.0142	.00048	.00018	.00047	.00023	.00012	.0249
%RSD	.27522	.63704	4.3160	.57567	2.4043	.20165	.50605	1.1706
#1	.00614	2.2408	.01152	.03058	.01902	.11348	.02337	2.1383
#2	.00617	2.2143	.01057	.03078	.01985	.11338	.02342	2.1000
#3	.00617	2.2366	.01101	.03042	.01982	.11382	.02360	2.1468
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04246	.01142	2.0647	.04374	.04033	2.0785	.22388	.09573
Stddev	.00036	.00077	.0172	.00024	.00028	.0585	.00089	.02394
%RSD	.85262	6.7529	.83385	.55972	.69214	2.8161	.39599	25.012
#1	.04222	.01115	2.0465	.04345	.04064	2.0168	.22295	.07703
#2	.04228	.01229	2.0807	.04387	.04026	2.0856	.22472	.12272
#3	.04288	.01081	2.0669	.04388	.04010	2.1333	.22397	.08745
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01796	.40300	.04197	.04670	.02172	.0205	F .02815	F 1.1856
Stddev	.00309	.00836	.00097	.00397	.00207	.0005	.00008	.2145
%RSD	17.192	2.0751	2.3023	8.5064	9.5427	2.415	.27890	18.096
#1	.01567	.41053	.04289	.04227	.02359	.0207	.02806	1.3014
#2	.02147	.40448	.04206	.04995	.01949	.0200	.02820	1.3174
#3	.01675	.39400	.04097	.04789	.02207	.0209	.02819	.93806

Sample Name: CRI01 Acquired: 6/24/2019 13:26:01 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .40396
 Stddev .43804
 %RSD 108.44

#1 .69636
 #2 .61520
 #3 -.09967

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.6	24027.	2058.1	32.964	2185.1
Stddev	7.6	48.	16.4	1.803	6.5
%RSD	.40274	.20018	.79665	5.4688	.29917

#1	1898.7	23993.	2040.2	33.734	2189.2
#2	1889.6	24082.	2061.6	34.255	2188.6
#3	1883.6	24007.	2072.4	30.905	2177.6

Sample Name: ICSA01 Acquired: 6/24/2019 13:30:29 Type: Unk
Method: P4-ICP2(v3227) 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	.00483	.01165	.00036	-.00103	.00573	279.67	.00892	.00081
Stddev	.00290	.00259	.00221	.00533	.00177	.71	.00033	.00026
%RSD	60.047	22.273	611.17	514.86	30.870	.25291	3.7133	31.991
#1	.00317	.01246	.00139	-.00018	.00373	280.41	.00918	.00110
#2	.00819	.01373	.00187	.00381	.00640	279.60	.00904	.00073
#3	.00315	.00874	-.00217	-.00674	.00707	279.00	.00855	.00061
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00325	259.38	.04881	-.00075	.01033	101.21	.01398	285.81
Stddev	.00024	2.01	.00030	.00018	.00028	1.33	.00015	1.67
%RSD	7.3360	.77600	.62160	23.564	2.6812	1.3161	1.0728	.58419
#1	-.00352	261.70	.04914	-.00072	.01065	102.75	.01408	287.71
#2	-.00318	258.36	.04854	-.00059	.01012	100.42	.01405	285.13
#3	-.00306	258.08	.04876	-.00094	.01024	100.46	.01381	284.59
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01520	-.00694	-.00896	.00104	-.01560	.02415	-.00086	-.01914
Stddev	.00068	.00039	.01372	.00046	.00040	.03560	.00040	.00916
%RSD	4.5002	5.5734	153.15	44.385	2.5893	147.39	46.988	47.855
#1	-.01566	-.00682	-.01570	.00115	-.01599	.00978	-.00076	-.01485
#2	-.01552	-.00664	.00683	.00053	-.01562	.06469	-.00131	-.02965
#3	-.01441	-.00738	-.01801	.00142	-.01518	-.00202	-.00052	-.01291
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00980	.00196	.01152	-.00514	.00900	.0106	F .02481	5.0814
Stddev	.00216	.00158	.00227	.00292	.00297	.0021	.00076	.3693
%RSD	22.008	80.719	19.739	56.809	32.966	19.42	3.0574	7.2681
#1	-.00800	.00175	.01128	-.00178	.01170	.0100	.02398	5.3717
#2	-.00920	.00363	.00937	-.00659	.00948	.0128	.02498	4.6657
#3	-.01219	.00049	.01390	-.00706	.00583	.0088	.02547	5.2069

Sample Name: ICSA01 Acquired: 6/24/2019 13:30:29 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	26.050
Stddev	.499
%RSD	1.9148

#1	26.406
#2	25.480
#3	26.265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.6	21601.	1971.6	30.076	1745.0
Stddev	4.4	172.	20.0	1.158	2.2
%RSD	.25879	.79816	1.0134	3.8517	.12357

#1	1706.9	21402.	1948.9	29.120	1742.9
#2	1715.5	21696.	1979.3	29.743	1747.2
#3	1709.5	21705.	1986.5	31.365	1744.7

Sample Name: ICSAB01 Acquired: 6/24/2019 13:35:09 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11150	.12545	.05672	.05704	.64706	275.10	.57586
Stddev	.00183	.00049	.00265	.00100	.00202	1.34	.00201
%RSD	1.6373	.38906	4.6642	1.7484	.31147	.48680	.34971

#1	.11361	.12495	.05468	.05603	.64856	273.73	.57372
#2	.11041	.12593	.05971	.05803	.64477	276.41	.57772
#3	.11049	.12547	.05576	.05707	.64786	275.14	.57615

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57179	1.0765	253.54	.59104	.53978	.51501	99.357
Stddev	.00040	.0002	.19	.00087	.00012	.00158	.382
%RSD	.06973	.02221	.07654	.14799	.02281	.30744	.38481

#1	.57225	1.0767	253.71	.59133	.53984	.51432	99.763
#2	.57159	1.0762	253.33	.59173	.53964	.51389	99.304
#3	.57153	1.0765	253.59	.59005	.53985	.51682	99.004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55164	280.65	1.0643	.21254	-.01940	.54300	1.1375
Stddev	.00102	1.39	.0020	.00141	.01080	.00118	.0036
%RSD	.18557	.49606	.18560	.66475	55.653	.21801	.31194

#1	.55047	279.48	1.0665	.21380	-.00968	.54374	1.1400
#2	.55237	282.19	1.0627	.21101	-.03102	.54362	1.1334
#3	.55208	280.29	1.0637	.21280	-.01749	.54163	1.1389

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02394	1.0608	1.0712	F -.01603	.92334	1.1092	1.0487
Stddev	.01709	.0027	.0213	.00769	.00787	.0032	.0081
%RSD	71.382	.25038	1.9916	47.937	.85210	.29173	.77312

#1	.03805	1.0638	1.0548	-.02081	.93094	1.1106	1.0469
#2	.02882	1.0598	1.0634	-.00717	.91523	1.1055	1.0417
#3	.00494	1.0588	1.0953	-.02013	.92384	1.1114	1.0576

Sample Name: ICSAB01 Acquired: 6/24/2019 13:35:09 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00694	F .0031	F .02499	4.8412	26.235
Stddev	.00012	.0014	.00072	.2341	.640
%RSD	1.7714	46.95	2.8754	4.8353	2.4400
#1	.00704	.0034	.02471	4.8728	26.379
#2	.00680	.0015	.02446	4.5930	25.535
#3	.00699	.0043	.02581	5.0580	26.791
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.6	22184.	2043.2	31.987	1767.0
Stddev	2.9	64.	15.8	1.391	1.7
%RSD	.16667	.28756	.77242	4.3479	.09509
#1	1748.5	22122.	2025.0	32.585	1765.3
#2	1752.1	22180.	2053.0	32.979	1767.2
#3	1754.3	22249.	2051.5	30.398	1768.6

Sample Name: CCV01 Acquired: 6/24/2019 13:39:35 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0037	4.9936	4.9475	5.0412	4.9958	9.8504	10.013	.24986
Stddev	.0230	.0094	.0072	.0185	.0052	.0449	.036	.00103
%RSD	.46006	.18728	.14550	.36620	.10487	.45532	.35747	.41245
#1	4.9778	4.9843	4.9415	5.0202	5.0019	9.8159	9.9712	.25065
#2	5.0114	5.0030	4.9555	5.0483	4.9929	9.9011	10.032	.24869
#3	5.0219	4.9935	4.9455	5.0550	4.9927	9.8342	10.034	.25023
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4740	24.894	1.0043	2.4684	1.2461	5.0361	2.5107	24.762
Stddev	.0039	.027	.0009	.0027	.0022	.0062	.0038	.132
%RSD	.15577	.10740	.08962	.11089	.17989	.12255	.15045	.53200
#1	2.4705	24.870	1.0049	2.4659	1.2445	5.0291	2.5143	24.630
#2	2.4781	24.889	1.0033	2.4713	1.2487	5.0381	2.5068	24.762
#3	2.4735	24.922	1.0048	2.4680	1.2452	5.0410	2.5109	24.894
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4816	1.2505	24.674	2.5028	2.4606	24.655	5.0370	4.9596
Stddev	.0073	.0014	.053	.0039	.0046	.067	.0228	.0203
%RSD	.29235	.11069	.21670	.15444	.18850	.27316	.45316	.40968
#1	2.4760	1.2521	24.612	2.5072	2.4561	24.578	5.0113	4.9542
#2	2.4898	1.2497	24.707	2.5001	2.4653	24.702	5.0446	4.9821
#3	2.4790	1.2497	24.702	2.5011	2.4605	24.685	5.0550	4.9425
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9299	4.9684	4.9808	4.9863	4.9765	4.968	F 5.3247	F 3.1015
Stddev	.0215	.0255	.0113	.0111	.0189	.006	.0107	.3518
%RSD	.43598	.51225	.22769	.22188	.37900	.1203	.20035	11.343
#1	4.9077	4.9573	4.9723	4.9759	4.9630	4.963	5.3126	3.1704
#2	4.9313	4.9505	4.9937	4.9851	4.9684	4.974	5.3286	3.4138
#3	4.9506	4.9975	4.9763	4.9979	4.9980	4.965	5.3329	2.7204

Sample Name: CCV01 Acquired: 6/24/2019 13:39:35 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4165
Stddev	.4243
%RSD	17.559

#1	2.8419
#2	2.4144
#3	1.9933

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.9	23332.	2045.2	32.946	1971.3
Stddev	1.9	8.	2.5	.860	2.9
%RSD	.10423	.03636	.12377	2.6099	.14897

#1	1828.8	23340.	2043.4	33.801	1972.0
#2	1825.0	23323.	2048.1	32.081	1968.1
#3	1826.9	23333.	2044.0	32.955	1973.8

Sample Name: LLCCV01 Acquired: 6/24/2019 13:43:34 Type: Unk
Method: P4-ICP2(v3227) 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	.02176	.04460	.01377	.02208	.05447	.09764	.11229	.00686
Stddev	.00025	.00123	.00141	.00288	.00131	.00069	.00023	.00002
%RSD	1.1557	2.7479	10.245	13.030	2.4106	.70860	.20088	.35878
#1	.02195	.04349	.01367	.02051	.05309	.09723	.11252	.00689
#2	.02148	.04591	.01522	.02540	.05462	.09726	.11207	.00684
#3	.02185	.04438	.01240	.02033	.05571	.09844	.11228	.00687
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00613	2.2193	.01076	.03064	.01924	.11426	.02354	2.1515
Stddev	.00011	.0288	.00006	.00031	.00058	.00089	.00020	.1004
%RSD	1.7506	1.2967	.52515	1.0253	2.9934	.77624	.86222	4.6664
#1	.00618	2.1993	.01079	.03072	.01975	.11352	.02368	2.0477
#2	.00621	2.2063	.01080	.03030	.01936	.11402	.02331	2.1585
#3	.00601	2.2523	.01069	.03091	.01862	.11525	.02364	2.2481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04159	.01146	2.0736	.04411	.04028	2.0705	.22540	.10648
Stddev	.00063	.00027	.0068	.00006	.00009	.0144	.00036	.00510
%RSD	1.5132	2.3817	.32586	.13171	.21439	.69700	.16052	4.7877
#1	.04156	.01142	2.0733	.04410	.04027	2.0871	.22579	.10363
#2	.04223	.01121	2.0804	.04417	.04020	2.0612	.22508	.11237
#3	.04097	.01175	2.0669	.04406	.04037	2.0632	.22532	.10345
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01498	.41295	.04155	.04625	.02306	.0191	F .02849	F 1.8849
Stddev	.00119	.00129	.00019	.00183	.00073	.0011	.00031	.2257
%RSD	7.9490	.31151	.46050	3.9623	3.1668	5.890	1.0743	11.974
#1	.01572	.41365	.04160	.04419	.02336	.0203	.02842	2.0455
#2	.01361	.41374	.04171	.04688	.02222	.0190	.02822	1.6269
#3	.01561	.41147	.04134	.04769	.02358	.0181	.02882	1.9823

Sample Name: LLCCV01 Acquired: 6/24/2019 13:43:34 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .60817
Stddev	.20201
%RSD	33.216

#1	.39952
#2	.62217
#3	.80282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.6	23819.	2033.7	35.277	2169.9
Stddev	.2	100.	7.9	1.349	.8
%RSD	.01146	.42093	.38765	3.8254	.03896

#1	1872.6	23755.	2024.7	34.716	2170.7
#2	1872.3	23767.	2039.3	36.816	2170.0
#3	1872.8	23935.	2037.2	34.298	2169.0

Sample Name: CCB01 Acquired: 6/24/2019 13:48:03 Type: Unk
Method: P4-ICP2(v3227) 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	-.00188	.00129	.00080	.00135	-.00082	.00359	.00099	-.00000
Stddev	.00352	.00109	.00008	.00279	.00141	.02608	.00027	.00016
%RSD	187.11	84.819	9.9933	206.37	172.95	726.90	27.195	72991.
#1	-.00092	.00040	.00087	.00189	-.00226	.02208	.00076	-.00015
#2	.00106	.00096	.00081	-.00167	.00057	.01494	.00091	-.00002
#3	-.00579	.00251	.00071	.00384	-.00077	-.02625	.00128	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00192	-.00002	.00012	-.00010	.00088	-.00003	-.02971
Stddev	.00006	.03368	.00047	.00046	.00038	.00043	.00001	.03326
%RSD	621.41	1757.0	2673.3	397.23	362.90	49.011	29.525	111.96
#1	-.00006	-.03624	-.00007	-.00030	-.00004	.00039	-.00004	.00824
#2	.00005	-.00058	-.00046	.00061	-.00050	.00107	-.00002	-.05383
#3	.00004	.03108	.00048	.00004	.00024	.00118	-.00003	-.04352
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00028	.00065	-.05325	-.00013	-.00041	-.02860	.00037	-.00057
Stddev	.00036	.00042	.00999	.00051	.00008	.05422	.00033	.00408
%RSD	130.93	64.300	18.760	390.13	20.685	189.57	88.929	721.12
#1	.00005	.00079	-.05100	.00023	-.00048	-.07606	.00013	-.00278
#2	-.00067	.00018	-.04458	.00009	-.00032	-.04024	.00023	.00414
#3	-.00021	.00097	-.06418	-.00071	-.00043	.03049	.00074	-.00305
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00051	.00074	.00086	.00220	.0027	.00003	F 1.8796
Stddev	.00448	.00145	.00093	.00166	.00185	.0022	.00015	.1018
%RSD	13028.	286.61	125.81	192.67	83.904	82.39	538.89	5.4150
#1	.00416	-.00204	.00040	-.00097	.00365	.0005	-.00004	1.9649
#2	-.00472	-.00034	.00179	.00226	.00012	.0027	.00020	1.7669
#3	.00067	.00085	.00002	.00130	.00284	.0049	-.00008	1.9071

Sample Name: CCB01 Acquired: 6/24/2019 13:48:03 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .62152
Stddev	.05271
%RSD	8.4801

#1	.56114
#2	.64507
#3	.65834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.1	23782.	2067.3	35.393	2180.8
Stddev	4.7	61.	32.0	1.894	1.4
%RSD	.24956	.25583	1.5494	5.3502	.06522

#1	1874.8	23712.	2057.7	34.111	2180.2
#2	1872.2	23819.	2041.2	34.500	2182.5
#3	1881.3	23815.	2103.0	37.568	2179.9

Sample Name: LR CHECK 1 Acquired: 6/24/2019 14:23:56 Type: Unk
Method: P4-ICP2(v3227) 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	-.02900	.05498	.13599	-.31602	.08153	1890.4	.01502	.03410
Stddev	.00542	.00645	.01504	.00905	.01142	34.2	.00073	.00112
%RSD	18.689	11.733	11.062	2.8632	14.004	1.8113	4.8660	3.2931

#1	-.03111	.06032	.12140	-.30560	.08524	1863.9	.01566	.03297
#2	-.03305	.05681	.13513	-.32060	.09062	1929.1	.01517	.03409
#3	-.02284	.04781	.15145	-.32187	.06872	1878.3	.01422	.03522

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08525	1736.6	-.09848	.08203	.24708	959.31	-.03032	1687.3
Stddev	.00142	1.5	.00158	.00317	.00281	10.14	.00050	18.3
%RSD	1.6620	.08674	1.6079	3.8608	1.1375	1.0567	1.6630	1.0848

#1	.08431	1735.3	-.09666	.07875	.24405	951.72	-.02977	1674.1
#2	.08457	1738.2	-.09957	.08507	.24760	970.82	-.03076	1708.2
#3	.08688	1736.1	-.09921	.08227	.24960	955.39	-.03043	1679.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05532	-.23646	1726.6	.01081	.17021	1031.6	-.00737	-1.9490
Stddev	.00082	.00319	20.3	.00034	.00335	9.2	.00163	.0252
%RSD	1.4895	1.3476	1.1729	3.1378	1.9681	.89567	22.055	1.2920

#1	-.05484	-.23308	1714.8	.01109	.16640	1026.1	-.00620	-1.9199
#2	-.05627	-.23942	1750.0	.01090	.17151	1042.2	-.00669	-1.9626
#3	-.05484	-.23687	1715.1	.01043	.17271	1026.3	-.00923	-1.9645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25653	.02545	.08687	-.07242	.05074	.1099	-1.0361	<.00000
Stddev	.01828	.00163	.00415	.00327	.00159	.0090	.0110	.72616
%RSD	7.1248	6.4006	4.7746	4.5206	3.1364	8.215	1.0597	3.8477

#1	.25274	.02631	.08224	-.06865	.05155	.0998	-1.0280	-18.895
#2	.24045	.02647	.09025	-.07460	.04891	.1128	-1.0486	-19.588
#3	.27641	.02357	.08811	-.07399	.05176	.1172	-1.0318	-18.136

Sample Name: LR CHECK 1 Acquired: 6/24/2019 14:23:56 Type: Unk
Method: P4-ICP2(v3227) 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 ^ -----
#3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.3	17700.	1831.1	26.672	1134.9
Stddev	14.7	174.	3.7	1.521	11.4
%RSD	1.0314	.98512	.20048	5.7005	1.0052

#1	1439.1	17818.	1827.6	26.642	1147.9
#2	1415.1	17500.	1830.9	28.208	1126.5
#3	1412.6	17783.	1834.9	25.168	1130.4

Sample Name: LR CHECK 2 Acquired: 6/24/2019 14:28:53 Type: Unk
Method: P4-ICP2(v3227) 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	-.00387	-.01184	248.33	.02506	-.03712	-.22308	F .42941	-.00305
Stddev	.00084	.00221	.26	.00189	.00130	.00381	.00501	.00025
%RSD	21.678	18.662	.10434	7.5445	3.5043	1.7060	1.1664	8.1176
#1	-.00461	-.01398	248.60	.02717	-.03723	-.22588	.42367	-.00311
#2	-.00296	-.00957	248.28	.02448	-.03576	-.22462	.43287	-.00278
#3	-.00404	-.01196	248.09	.02353	-.03836	-.21875	.43170	-.00327
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00889	.26450	-.13506	.01178	231.27	-.78043	49.390	-.12046
Stddev	.00017	.02215	.00061	.00017	1.64	.00160	.112	.02570
%RSD	1.9329	8.3746	.45218	1.4661	.71018	.20554	.22664	21.332
#1	-.00908	.28733	-.13436	.01194	233.15	-.78214	49.514	-.10021
#2	-.00874	.26308	-.13540	.01180	230.11	-.77896	49.295	-.11179
#3	-.00885	.24310	-.13543	.01160	230.55	-.78020	49.362	-.14937
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.881	.00698	2.8265	-.19783	33.288	2.5163	-.01154	-.02572
Stddev	.093	.00038	.1481	.00094	.055	.4250	.00023	.00584
%RSD	.16983	5.4690	5.2412	.47494	.16523	16.890	1.9578	22.689
#1	54.968	.00657	2.9847	-.19838	33.328	2.9599	-.01162	-.02470
#2	54.892	.00732	2.8038	-.19837	33.311	2.4761	-.01171	-.03200
#3	54.783	.00704	2.6910	-.19674	33.225	2.1128	-.01128	-.02046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02615	.00405	.00288	.00507	.00280	-2.256	.00113	3.4513
Stddev	.00127	.00131	.00101	.00171	.00174	.011	.00021	.0334
%RSD	4.8574	32.431	34.957	33.804	61.984	.4672	18.413	.96730
#1	-.02490	.00443	.00316	.00597	.00080	-2.259	.00125	3.4151
#2	-.02611	.00513	.00371	.00310	.00376	-2.244	.00124	3.4578
#3	-.02744	.00259	.00176	.00615	.00385	-2.264	.00089	3.4809

Sample Name: LR CHECK 2 Acquired: 6/24/2019 14:28:53 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0058
Stddev	.3559
%RSD	35.386

#1	.70981
#2	1.4007
#3	.90687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.4	24822.	2097.3	33.213	2088.0
Stddev	3.9	81.	17.6	1.341	5.5
%RSD	.21921	.32808	.83687	4.0386	.26426

#1	1753.4	24733.	2080.2	31.825	2084.8
#2	1757.6	24839.	2096.4	33.311	2084.8
#3	1761.1	24893.	2115.2	34.502	2094.4

Sample Name: K2459-01 Acquired: 6/24/2019 14:47:56 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05126	.00717	.05508	.00741	.00334	86.598	.10094	.00227
Stddev	.00090	.00067	.00233	.00577	.00179	.418	.00094	.00002
%RSD	1.7473	9.2823	4.2373	77.849	53.533	.48275	.93594	.94917

#1	.05146	.00761	.05300	.01324	.00155	86.938	.10040	.00226
#2	.05204	.00640	.05464	.00171	.00512	86.131	.10203	.00229
#3	.05028	.00750	.05761	.00727	.00335	86.724	.10038	.00226

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	.16324	.12658	.00445	.06838	103.21	.05798	.51524
Stddev	.00012	.00205	.00079	.00045	.00020	.27	.00030	.09494
%RSD	3.7014	1.2558	.62410	10.109	.29767	.26328	.51324	18.427

#1	-.00320	.16184	.12576	.00496	.06818	102.90	.05764	.43882
#2	-.00343	.16228	.12663	.00430	.06859	103.42	.05817	.48538
#3	-.00324	.16559	.12734	.00410	.06837	103.31	.05814	.62152

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04405	-.00695	.24864	.28562	.06845	1.3350	.00768	-.02313
Stddev	.00036	.00036	.00850	.00100	.00015	.0347	.00024	.00823
%RSD	.82414	5.2522	3.4184	.35062	.21981	2.6008	3.1753	35.560

#1	.04402	-.00707	.24697	.28551	.06840	1.3650	.00748	-.02264
#2	.04371	-.00723	.25786	.28468	.06834	1.3431	.00795	-.01516
#3	.04443	-.00654	.24111	.28668	.06862	1.2970	.00760	-.03159

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89724	4.2185	.00819	.47621	.01044	.7190	-.10509	<.00000
Stddev	.00639	.0567	.00082	.00250	.00158	.0040	.00045	.31553
%RSD	.71201	1.3432	10.038	.52429	15.155	.5564	.42706	7.9473

#1	.89462	4.2242	.00842	.47728	.01113	.7235	-.10457	-3.6060
#2	.90452	4.2721	.00887	.47799	.01156	.7161	-.10535	-4.1455
#3	.89258	4.1592	.00728	.47336	.00863	.7172	-.10535	-4.1593

Sample Name: K2459-01 Acquired: 6/24/2019 14:47:56 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 28.641
 Stddev .416
 %RSD 1.4542

#1 28.207
 #2 29.038
 #3 28.679

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.4	27099.	2362.5	34.158	2083.0
Stddev	6.3	29.	24.2	.910	7.5
%RSD	.29321	.10738	1.0249	2.6638	.35779

#1	2153.1	27112.	2344.2	35.085	2087.4
#2	2141.3	27066.	2353.3	34.120	2074.4
#3	2151.0	27120.	2389.9	33.267	2087.3

Sample Name: K2459-01DUP Acquired: 6/24/2019 14:52:27 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05097	.00590	.05544	.00917	.00108	88.207	.10271	.00240
Stddev	.00281	.00139	.00082	.00205	.00317	.237	.00031	.00008
%RSD	5.5036	23.500	1.4804	22.380	294.51	.26917	.30492	3.4501

#1	.05344	.00674	.05515	.01120	.00076	87.964	.10303	.00237
#2	.04792	.00430	.05637	.00710	.00440	88.438	.10268	.00249
#3	.05155	.00667	.05481	.00921	-.00192	88.217	.10241	.00233

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	.15102	.12829	.00471	.06979	104.65	.05872	.52054
Stddev	.00013	.01424	.00104	.00041	.00084	.06	.00036	.05272
%RSD	3.7197	9.4285	.81075	8.7320	1.2033	.05375	.61085	10.127

#1	-.00340	.13470	.12926	.00517	.07073	104.69	.05833	.56449
#2	-.00365	.16090	.12842	.00438	.06952	104.68	.05879	.46209
#3	-.00345	.15745	.12720	.00458	.06912	104.58	.05904	.53505

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04416	-.00706	.18570	.29043	.06737	1.2945	.00787	-.02392
Stddev	.00113	.00048	.01640	.00106	.00025	.0181	.00032	.02080
%RSD	2.5610	6.8626	8.8305	.36651	.37140	1.3967	4.0311	86.988

#1	.04520	-.00742	.16981	.28920	.06741	1.2801	.00756	-.00122
#2	.04432	-.00651	.20257	.29113	.06761	1.2886	.00785	-.04208
#3	.04296	-.00725	.18471	.29095	.06711	1.3148	.00820	-.02845

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89886	4.2590	.00784	.48864	.01222	.7283	-.10595	<.00000
Stddev	.01374	.0116	.00040	.00657	.00145	.0020	.00019	.41755
%RSD	1.5290	.27207	5.1241	1.3445	11.839	.2798	.18300	9.7131

#1	.90739	4.2490	.00738	.48395	.01313	.7301	-.10600	-4.6032
#2	.90618	4.2717	.00797	.49615	.01055	.7261	-.10612	-3.8228
#3	.88300	4.2562	.00815	.48583	.01298	.7286	-.10574	-4.4705

Sample Name: K2459-01DUP Acquired: 6/24/2019 14:52:27 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.576
Stddev	.536
%RSD	1.8113

#1	28.975
#2	30.004
#3	29.748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.2	26962.	2328.6	33.168	2085.2
Stddev	2.7	65.	7.0	.457	4.9
%RSD	.12675	.24155	.30186	1.3790	.23476

#1	2143.2	26900.	2328.1	33.694	2080.1
#2	2146.8	27030.	2321.9	32.947	2085.6
#3	2148.6	26956.	2335.9	32.863	2089.8

Sample Name: K2459-01LX5 Acquired: 6/24/2019 14:56:55 Type: Unk
Method: P4-ICP2(v3227) 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	.01102	.00141	.01251	.00298	.00046	20.411	.02523	.00050
Stddev	.00165	.00094	.00187	.00200	.00236	.184	.00084	.00004
%RSD	14.927	67.100	14.944	67.018	511.99	.90155	3.3453	9.0134

#1	.01247	.00042	.01191	.00529	-.00074	20.202	.02499	.00053
#2	.00923	.00230	.01460	.00185	-.00106	20.550	.02452	.00045
#3	.01136	.00151	.01101	.00180	.00317	20.481	.02616	.00051

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00115	.03696	.02969	.00098	.01689	25.570	.01376	.06862
Stddev	.00008	.03285	.00061	.00012	.00046	.020	.00007	.02257
%RSD	6.7268	88.870	2.0647	12.295	2.6963	.07662	.49000	32.887

#1	-.00107	.00963	.02951	.00088	.01693	25.552	.01370	.07118
#2	-.00115	.07340	.03038	.00096	.01732	25.567	.01374	.08979
#3	-.00122	.02785	.02920	.00112	.01641	25.591	.01383	.04488

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00840	-.00157	.11132	.06706	.01248	.47336	.00156	-.00638
Stddev	.00011	.00029	.01597	.00013	.00007	.02461	.00015	.02434
%RSD	1.3520	18.490	14.343	.19871	.53068	5.1992	9.7505	381.78

#1	.00844	-.00146	.09521	.06710	.01241	.49648	.00141	-.03027
#2	.00848	-.00134	.12714	.06717	.01248	.47613	.00172	-.00725
#3	.00827	-.00189	.11160	.06691	.01254	.44749	.00155	.01839

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18284	1.0195	.00169	.11397	.00520	.1503	-.02597	.83302
Stddev	.00370	.0163	.00205	.00075	.00187	.0025	.00014	.18700
%RSD	2.0257	1.5950	121.50	.65753	36.076	1.667	.52454	22.448

#1	.18211	1.0207	-.00068	.11334	.00708	.1498	-.02605	.84276
#2	.18686	1.0026	.00290	.11480	.00518	.1481	-.02581	.64134
#3	.17956	1.0351	.00285	.11377	.00333	.1531	-.02604	1.0150

Sample Name: K2459-01LX5 Acquired: 6/24/2019 14:56:55 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9326
Stddev .3203
%RSD 4.6206

#1 6.6024
#2 6.9534
#3 7.2420

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.0	24246.	2069.4	33.006	2124.7
Stddev	3.9	43.	11.6	.773	2.9
%RSD	.20330	.17677	.55953	2.3410	.13804

#1	1923.3	24264.	2071.1	32.623	2123.5
#2	1923.3	24198.	2080.0	32.500	2128.1
#3	1916.5	24278.	2057.0	33.895	2122.6

Sample Name: K2459-01MS Acquired: 6/24/2019 15:01:19 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71016	2.0234	1.0729	1.6664	.14480	129.69	.30467	.18589
Stddev	.00046	.0049	.0028	.0046	.00235	.53	.00207	.00069
%RSD	.06521	.23974	.25819	.27675	1.6213	.40702	.67782	.36929

#1	.71068	2.0280	1.0719	1.6702	.14486	129.36	.30360	.18663
#2	.70979	2.0239	1.0760	1.6676	.14242	129.41	.30337	.18573
#3	.71002	2.0183	1.0707	1.6613	.14711	130.30	.30706	.18529

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19742	1.0744	.53020	.21179	.35074	111.58	.24771	2.5118
Stddev	.00025	.0444	.00148	.00050	.00039	.23	.00029	.0522
%RSD	.12731	4.1291	.27920	.23602	.11065	.20480	.11543	2.0788

#1	.19737	1.0281	.53189	.21213	.35029	111.79	.24804	2.4627
#2	.19769	1.0786	.52913	.21202	.35095	111.34	.24755	2.5666
#3	.19719	1.1165	.52957	.21121	.35097	111.62	.24754	2.5060

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57845	.06062	2.9929	.59514	.28602	10.318	.30713	.21151
Stddev	.00147	.00024	.0229	.00291	.00035	.103	.00135	.01604
%RSD	.25448	.39831	.76622	.48815	.12222	1.0010	.43825	7.5857

#1	.57781	.06062	2.9730	.59610	.28607	10.208	.30834	.22354
#2	.58013	.06037	2.9877	.59187	.28634	10.335	.30738	.21769
#3	.57740	.06085	3.0179	.59744	.28565	10.412	.30568	.19329

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93932	8.6604	.62420	.67846	.20154	6.689	.12675	<.00000
Stddev	.00291	.1829	.00235	.01862	.00488	.005	.00747	.14828
%RSD	.31020	2.1118	.37643	2.7449	2.4211	.0730	5.8929	6.1099

#1	.93999	8.4516	.62171	.65751	.19610	6.686	.11813	-2.2691
#2	.93613	8.7373	.62450	.68474	.20553	6.688	.13119	-2.5633
#3	.94185	8.7923	.62638	.69313	.20299	6.695	.13094	-2.4484

Sample Name: K2459-01MS Acquired: 6/24/2019 15:01:19 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.651
Stddev	.300
%RSD	1.0128

#1	29.341
#2	29.941
#3	29.670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.0	26782.	2335.9	33.940	2036.2
Stddev	2.2	127.	47.7	1.018	3.6
%RSD	.10327	.47439	2.0426	2.9983	.17497

#1	2132.2	26636.	2391.0	34.873	2039.7
#2	2129.8	26866.	2309.9	34.093	2036.4
#3	2127.8	26845.	2306.8	32.855	2032.6

Sample Name: K2459-01MSD Acquired: 6/24/2019 15:05:42 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72175	2.0324	1.0849	1.6824	.14448	130.28	.30743	.18795
Stddev	.00280	.0110	.0019	.0003	.00197	.75	.00216	.00029
%RSD	.38765	.54060	.17821	.01732	1.3645	.57486	.70415	.15595

#1	.72078	2.0278	1.0851	1.6826	.14242	130.29	.30688	.18827
#2	.71957	2.0244	1.0868	1.6825	.14465	129.53	.30560	.18786
#3	.72490	2.0449	1.0829	1.6820	.14635	131.03	.30982	.18771

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19882	1.0860	.53466	.21326	.35387	112.95	.24828	2.5810
Stddev	.00051	.0102	.00070	.00037	.00099	.40	.00027	.0223
%RSD	.25587	.93746	.13074	.17189	.28042	.35578	.11009	.86472

#1	.19830	1.0926	.53546	.21291	.35274	112.97	.24817	2.5552
#2	.19884	1.0913	.53427	.21364	.35430	112.54	.24860	2.5923
#3	.19932	1.0743	.53423	.21324	.35459	113.35	.24808	2.5953

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58427	.06105	3.0188	.60000	.29216	10.361	.30970	.19568
Stddev	.00169	.00152	.0188	.00145	.00050	.154	.00085	.00262
%RSD	.28917	2.4839	.62445	.24188	.17075	1.4849	.27553	1.3365

#1	.58364	.06260	3.0103	.60085	.29160	10.256	.30876	.19778
#2	.58299	.06099	3.0056	.60083	.29232	10.289	.30994	.19275
#3	.58619	.05956	3.0404	.59833	.29256	10.538	.31041	.19651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94715	8.8925	.62834	.68481	.20719	6.779	.12986	<.00000
Stddev	.00596	.0356	.00092	.00815	.00288	.012	.00059	.14828
%RSD	.62941	.40041	.14608	1.1906	1.3906	.1694	.45244	4.7680

#1	.95395	8.9310	.62730	.68351	.20388	6.774	.12923	-3.1277
#2	.94470	8.8607	.62868	.69354	.20917	6.792	.13039	-3.2485
#3	.94280	8.8858	.62904	.67739	.20851	6.771	.12997	-2.9535

Sample Name: K2459-01MSD Acquired: 6/24/2019 15:05:42 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 29.683
Stddev .204
%RSD .68729

#1 29.469
#2 29.703
#3 29.876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.4	26555.	2284.4	34.707	2014.6
Stddev	5.1	54.	12.0	.723	4.0
%RSD	.24227	.20284	.52611	2.0828	.19801

#1	2105.4	26529.	2276.3	33.878	2012.5
#2	2114.3	26617.	2278.6	35.202	2019.2
#3	2105.4	26520.	2298.2	35.042	2012.1

Sample Name: K2459-01A Acquired: 6/24/2019 15:10:05 Type: Unk
Method: P4-ICP2(v3227) 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	.71623	2.0202	1.0745	1.6686	.14513	131.71	.30788	.18784
Stddev	.00625	.0028	.0039	.0059	.00236	.55	.00079	.00018
%RSD	.87199	.13782	.35843	.35172	1.6240	.41831	.25734	.09724

#1	.72214	2.0173	1.0743	1.6753	.14768	131.78	.30785	.18793
#2	.71684	2.0206	1.0707	1.6660	.14469	132.23	.30868	.18763
#3	.70970	2.0228	1.0784	1.6644	.14303	131.13	.30710	.18795

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19695	1.0801	.53462	.21066	.35268	112.80	.24724	2.5752
Stddev	.00056	.0322	.00049	.00062	.00078	.40	.00070	.0459
%RSD	.28202	2.9821	.09186	.29226	.22254	.35023	.28507	1.7832

#1	.19748	1.1040	.53512	.21024	.35357	113.14	.24806	2.5573
#2	.19637	1.0435	.53414	.21037	.35236	112.89	.24684	2.6274
#3	.19700	1.0929	.53460	.21137	.35211	112.37	.24683	2.5409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57934	.06064	2.9612	.60020	.28159	10.422	.30992	.20334
Stddev	.00102	.00040	.0105	.00340	.00092	.059	.00092	.01430
%RSD	.17563	.66700	.35526	.56704	.32554	.56952	.29728	7.0322

#1	.58048	.06047	2.9499	.59682	.28243	10.355	.31098	.19417
#2	.57904	.06035	2.9631	.60014	.28061	10.442	.30950	.21982
#3	.57851	.06110	2.9707	.60363	.28174	10.468	.30929	.19603

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93665	8.8691	.62446	.70284	.20978	6.711	.13062	<.00000
Stddev	.01199	.0465	.00243	.00385	.00155	.027	.00048	.24667
%RSD	1.2799	.52383	.38980	.54826	.73871	.4056	.36744	9.0368

#1	.93961	8.9174	.62415	.70616	.20948	6.738	.13029	-2.6653
#2	.92346	8.8248	.62220	.69861	.21146	6.684	.13041	-3.0020
#3	.94688	8.8650	.62704	.70373	.20840	6.710	.13117	-2.5214

Sample Name: K2459-01A Acquired: 6/24/2019 15:10:05 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.358
Stddev	.551
%RSD	1.8765

#1	29.365
#2	28.804
#3	29.906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.7	26451.	2276.8	32.622	2027.5
Stddev	4.4	103.	13.0	1.297	2.1
%RSD	.20976	.38955	.57230	3.9757	.10123

#1	2116.8	26363.	2262.1	31.213	2029.9
#2	2109.6	26427.	2281.2	32.886	2026.1
#3	2117.6	26564.	2287.0	33.766	2026.6

Sample Name: K3152-01 Acquired: 6/24/2019 15:14:30 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04468	.00859	.05244	.00816	.00245	85.589	.14133	.00305
Stddev	.00349	.00358	.00125	.00376	.00074	1.194	.00071	.00015
%RSD	7.8164	41.715	2.3850	46.011	30.152	1.3955	.50272	4.8206

#1	.04371	.00759	.05138	.01088	.00196	84.210	.14063	.00300
#2	.04177	.00562	.05212	.00388	.00209	86.296	.14130	.00295
#3	.04855	.01257	.05382	.00972	.00331	86.261	.14205	.00322

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	.25312	.13999	.00604	.07430	127.06	.05270	.51234
Stddev	.00013	.02237	.00099	.00027	.00041	.66	.00015	.07429
%RSD	3.0737	8.8394	.70653	4.4429	.55075	.52255	.28582	14.499

#1	-.00440	.23822	.13885	.00613	.07448	126.30	.05257	.42933
#2	-.00441	.27885	.14058	.00625	.07383	127.39	.05286	.57256
#3	-.00418	.24230	.14054	.00574	.07458	127.49	.05265	.53513

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07878	-.00742	.13479	.30039	.12476	1.3376	.00560	-.00993
Stddev	.00020	.00040	.01500	.00147	.00061	.0188	.00021	.00717
%RSD	.25816	5.3920	11.128	.48945	.48775	1.4059	3.8007	72.216

#1	.07880	-.00769	.11762	.30077	.12443	1.3287	.00583	-.00166
#2	.07856	-.00696	.14534	.29876	.12439	1.3592	.00556	-.01376
#3	.07897	-.00762	.14141	.30163	.12547	1.3249	.00541	-.01439

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88714	4.9429	.00740	.51188	.00913	.6618	-.13000	<.00000
Stddev	.00798	.0863	.00136	.00410	.00273	.0013	.00090	.52717
%RSD	.89989	1.7457	18.395	.80128	29.929	.1929	.68924	14.680

#1	.89240	5.0422	.00591	.50737	.01227	.6604	-.12897	-4.1503
#2	.87795	4.8863	.00859	.51540	.00729	.6619	-.13042	-3.1033
#3	.89105	4.9002	.00769	.51287	.00783	.6630	-.13061	-3.5194

Sample Name: K3152-01 Acquired: 6/24/2019 15:14:30 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-BPM-04-00 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.077
Stddev	.097
%RSD	.27782

#1	35.087
#2	34.974
#3	35.168

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.0	26396.	2275.6	33.804	2064.7
Stddev	1.8	127.	17.9	.980	1.4
%RSD	.08644	.47950	.78673	2.8996	.06878

#1	2092.9	26534.	2258.7	32.845	2066.0
#2	2090.8	26287.	2294.4	34.804	2064.8
#3	2089.3	26365.	2273.7	33.765	2063.2

Sample Name: K3472-01 Acquired: 6/24/2019 15:18:58 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12844	-.01410	.28722	-.02225	.00940	386.49	.94456	.02385
Stddev	.00222	.00256	.00169	.00467	.00422	2.20	.00619	.00016
%RSD	1.7259	18.129	.58771	21.007	44.931	.56937	.65513	.68580

#1	.12623	-.01284	.28765	-.02654	.00454	384.31	.93744	.02402
#2	.13066	-.01243	.28535	-.01727	.01149	386.45	.94763	.02369
#3	.12841	-.01705	.28864	-.02294	.01217	388.71	.94861	.02383

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01415	9.4012	.64807	.19163	.39522	398.17	2.5313	128.73
Stddev	.00050	.0667	.00035	.00081	.00258	.37	.0007	.15
%RSD	3.5572	.70990	.05370	.42261	.65323	.09383	.02892	.11663

#1	.01438	9.3243	.64769	.19130	.39363	398.58	2.5305	128.58
#2	.01357	9.4436	.64813	.19104	.39820	398.08	2.5313	128.73
#3	.01450	9.4358	.64837	.19255	.39384	397.85	2.5320	128.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48979	-.05519	2.7918	.74001	1.1859	63.009	.00291	-.26265
Stddev	.00019	.00015	.0126	.00137	.0043	.298	.00017	.00978
%RSD	.03825	.26798	.45049	.18554	.36463	.47283	5.7321	3.7220

#1	.48960	-.05522	2.7776	.74023	1.1878	62.668	.00285	-.25136
#2	.48998	-.05532	2.8017	.74127	1.1810	63.221	.00309	-.26825
#3	.48978	-.05503	2.7960	.73854	1.1890	63.138	.00277	-.26834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4650	3.8884	.05417	8.6627	.85932	3.443	-.28620	<.00000
Stddev	.0092	.0203	.00125	.0581	.00611	.015	.00152	.24322
%RSD	.37124	.52194	2.3059	.67087	.71144	.4392	.53156	1.1472

#1	2.4718	3.8805	.05348	8.5970	.85339	3.454	-.28792	-21.483
#2	2.4546	3.9115	.05342	8.6837	.85896	3.449	-.28569	-21.077
#3	2.4687	3.8732	.05561	8.7074	.86560	3.425	-.28501	-21.048

Sample Name: K3472-01 Acquired: 6/24/2019 15:18:58 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 134.38
Stddev	.33
%RSD	.24636

#1	134.77
#2	134.20
#3	134.19

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.6	30909.	2822.5	31.114	1719.6
Stddev	2.8	95.	13.4	2.053	5.7
%RSD	.11047	.30671	.47469	6.5969	.33215

#1	2505.7	30921.	2836.4	33.135	1718.5
#2	2501.4	30809.	2809.6	31.175	1725.9
#3	2506.6	30998.	2821.7	29.031	1714.6

Sample Name: CCV02 Acquired: 6/24/2019 15:23:23 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15163 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1853	5.1449	5.0842	5.1872	5.1026	10.105	10.236	.25935
Stddev	.0175	.0092	.0106	.0057	.0072	.078	.018	.00093
%RSD	.33699	.17828	.20898	.11040	.14053	.77463	.17126	.35899
#1	5.1671	5.1543	5.0914	5.1910	5.1021	10.150	10.256	.25978
#2	5.2020	5.1360	5.0720	5.1899	5.0958	10.014	10.229	.25998
#3	5.1866	5.1445	5.0893	5.1806	5.1101	10.150	10.223	.25828
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5333	26.162	1.0364	2.5244	1.2939	5.2686	2.5772	25.506
Stddev	.0022	.473	.0012	.0040	.0006	.0074	.0072	.102
%RSD	.08732	1.8078	.11503	.15842	.04461	.14076	.28071	.40067
#1	2.5359	26.665	1.0378	2.5290	1.2933	5.2749	2.5855	25.435
#2	2.5325	25.726	1.0355	2.5228	1.2943	5.2604	2.5727	25.459
#3	2.5317	26.095	1.0360	2.5215	1.2942	5.2704	2.5733	25.623
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5580	1.2951	25.155	2.5977	2.5169	25.260	5.2121	5.0362
Stddev	.0015	.0021	.030	.0042	.0037	.103	.0123	.0145
%RSD	.05910	.15923	.11863	.16278	.14709	.40741	.23507	.28792
#1	2.5596	1.2974	25.188	2.5996	2.5210	25.371	5.2029	5.0211
#2	2.5567	1.2942	25.129	2.5929	2.5139	25.239	5.2260	5.0501
#3	2.5576	1.2936	25.149	2.6007	2.5157	25.169	5.2074	5.0375
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1036	5.1999	5.1449	5.2238	5.2224	5.206	F 5.5711	F 3.9771
Stddev	.0092	.0961	.0190	.0958	.1251	.015	.1307	.4736
%RSD	.18050	1.8475	.36851	1.8341	2.3961	.2793	2.3468	11.908
#1	5.0947	5.3090	5.1404	5.3236	5.3604	5.219	5.7186	3.4655
#2	5.1030	5.1279	5.1656	5.1326	5.1163	5.191	5.4695	4.0657
#3	5.1131	5.1628	5.1285	5.2153	5.1904	5.208	5.5251	4.4002

Sample Name: CCV02 Acquired: 6/24/2019 15:23:23 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15163 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9160
Stddev	.1735
%RSD	5.9515

#1	2.7627
#2	3.1044
#3	2.8808

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.7	22801.	1945.2	32.797	1942.4
Stddev	4.8	83.	43.8	.367	4.6
%RSD	.26793	.36570	2.2539	1.1189	.23915

#1	1803.8	22716.	1896.6	32.952	1940.4
#2	1796.2	22883.	1981.7	33.061	1939.1
#3	1805.2	22802.	1957.5	32.378	1947.7

Sample Name: CCB02 Acquired: 6/24/2019 15:27:21 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15163 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	.00119	.00119	-.00024	-.00024	.01031	.00139	.00010
Stddev	.00314	.00189	.00060	.00355	.00076	.01100	.00008	.00006
%RSD	116.45	159.06	50.424	1480.5	315.49	106.66	5.9674	63.790

#1	-.00075	.00057	.00101	-.00002	.00048	.02080	.00134	.00017
#2	-.00631	-.00031	.00186	.00320	-.00017	-.00114	.00148	.00005
#3	-.00102	.00331	.00070	-.00390	-.00103	.01127	.00134	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00094	-.00010	-.00013	.00033	.00287	-.00008	-.01874
Stddev	.00007	.01082	.00030	.00010	.00025	.00057	.00006	.09750
%RSD	149.65	1145.3	310.79	75.542	76.045	19.755	78.649	520.23

#1	.00013	-.00827	-.00002	-.00008	.00004	.00351	-.00015	.07670
#2	-.00000	.01285	-.00043	-.00006	.00046	.00242	-.00003	-.01474
#3	.00002	-.00175	.00015	-.00024	.00050	.00269	-.00007	-.11818

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00020	-.00318	-.00030	-.00084	.12417	.00100	-.00434
Stddev	.00020	.00038	.01257	.00060	.00004	.04036	.00015	.01905
%RSD	22.676	187.06	395.53	197.73	5.2149	32.504	14.987	438.70

#1	-.00083	-.00035	-.01097	.00000	-.00083	.13789	.00114	-.02364
#2	-.00075	-.00048	.01132	.00008	-.00088	.15589	.00084	.01444
#3	-.00113	.00023	-.00989	-.00099	-.00079	.07874	.00104	-.00383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00271	.00955	.00096	.00199	.00283	.0011	.00005	F 1.7973
Stddev	.00296	.00439	.00071	.00320	.00194	.0013	.00008	.3462
%RSD	108.98	46.000	74.550	161.15	68.492	120.7	170.32	19.264

#1	-.00332	.01440	.00175	.00299	.00220	.0024	.00015	1.4671
#2	.00050	.00584	.00038	-.00160	.00500	-.0002	.00000	2.1576
#3	-.00532	.00841	.00074	.00456	.00128	.0011	-.00000	1.7671

Sample Name: CCB02 Acquired: 6/24/2019 15:27:21 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15163 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .44661
Stddev	.56755
%RSD	127.08

#1	-.11960
#2	.44394
#3	1.0155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.6	23491.	1971.2	32.666	2147.3
Stddev	5.8	45.	19.6	.551	6.9
%RSD	.31270	.19247	.99600	1.6862	.32070

#1	1852.1	23439.	1961.3	32.036	2142.5
#2	1847.2	23515.	1958.5	33.059	2144.2
#3	1858.7	23520.	1993.8	32.902	2155.2

Sample Name: PB120856BL Acquired: 6/24/2019 15:31:49 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120856BL Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00172	.00111	.00353	-.00087	.00533	.00177	-.00003
Stddev	.00345	.00120	.00119	.00245	.00072	.00875	.00074	.00003
%RSD	3130.0	69.950	106.74	69.406	82.385	164.26	41.984	109.77

#1	.00404	.00034	.00248	.00246	-.00139	.00240	.00169	.00001
#2	-.00244	.00258	.00036	.00179	-.00118	.01516	.00254	-.00004
#3	-.00127	.00224	.00050	.00633	-.00005	-.00159	.00107	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00905	-.00047	-.00039	.00038	.00143	-.00012	.00689
Stddev	.00009	.02648	.00031	.00028	.00064	.00017	.00003	.01969
%RSD	516.90	292.61	66.832	71.244	167.71	11.901	27.779	285.66

#1	.00008	-.02024	-.00077	-.00023	-.00023	.00137	-.00016	.00111
#2	-.00010	.03130	-.00049	-.00071	.00032	.00163	-.00009	.02883
#3	-.00003	.01608	-.00014	-.00023	.00105	.00130	-.00013	-.00926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00023	-.03172	.00008	.00001	.10568	.00039	-.01829
Stddev	.00012	.00047	.00660	.00034	.00015	.05126	.00023	.00918
%RSD	14.137	208.42	20.795	398.68	1706.3	48.502	57.209	50.172

#1	-.00090	.00027	-.02414	.00023	.00018	.11204	.00047	-.02864
#2	-.00093	-.00027	-.03610	.00032	-.00005	.05154	.00014	-.01112
#3	-.00071	-.00068	-.03493	-.00030	-.00011	.15346	.00057	-.01512

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00409	.00638	-.00001	.00175	.00141	-.0007	.00009	F 2.5898
Stddev	.00260	.00229	.00020	.00311	.00117	.0018	.00002	.3502
%RSD	63.562	35.874	3559.6	177.52	82.561	258.7	23.859	13.524

#1	-.00612	.00634	.00006	.00515	.00057	.0010	.00007	2.1855
#2	-.00116	.00411	.00015	-.00097	.00275	-.0004	.00010	2.7834
#3	-.00501	.00869	-.00023	.00108	.00093	-.0026	.00011	2.8005

Sample Name: PB120856BL Acquired: 6/24/2019 15:31:49 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120856BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .48714
Stddev	.33729
%RSD	69.237

#1	.10171
#2	.63148
#3	.72825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.0	23493.	1977.1	33.385	2143.6
Stddev	2.3	91.	7.1	.890	5.4
%RSD	.12559	.38634	.35813	2.6662	.25334

#1	1850.4	23392.	1969.0	32.827	2138.1
#2	1853.8	23521.	1982.5	34.411	2143.8
#3	1854.9	23567.	1979.6	32.916	2148.9

Sample Name: PB120850BS Acquired: 6/24/2019 15:36:18 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120856BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76753	1.9478	.96085	1.9203	.80588	1.9376	.20453
Stddev	.00493	.0083	.00145	.0030	.00681	.0138	.00109
%RSD	.64221	.42820	.15041	.15589	.84541	.71470	.53442

#1	.76482	1.9460	.96229	1.9237	.81206	1.9222	.20361
#2	.77322	1.9405	.95940	1.9181	.79858	1.9491	.20574
#3	.76454	1.9569	.96085	1.9191	.80702	1.9414	.20425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19615	.18809	1.0717	.42036	.19531	.31716	3.1829
Stddev	.00070	.00021	.0146	.00093	.00034	.00072	.0057
%RSD	.35479	.11074	1.3662	.22010	.17211	.22750	.17789

#1	.19546	.18833	1.0566	.42141	.19569	.31677	3.1805
#2	.19613	.18796	1.0726	.41998	.19520	.31672	3.1787
#3	.19685	.18797	1.0858	.41968	.19505	.31800	3.1893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20945	2.0243	.49226	.07449	2.9009	.31318	.18998
Stddev	.00024	.0736	.00207	.00020	.0154	.00118	.00056
%RSD	.11574	3.6339	.42097	.26291	.52907	.37660	.29489

#1	.20922	1.9407	.49027	.07463	2.8913	.31216	.19021
#2	.20941	2.0792	.49209	.07458	2.9186	.31291	.18934
#3	.20971	2.0531	.49440	.07427	2.8927	.31447	.19039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6748	.43058	.27587	F -.00507	.94594	.70837	.21425
Stddev	.0483	.00158	.00798	.00339	.00680	.00097	.00056
%RSD	.49920	.36664	2.8940	66.953	.71866	.13696	.25984

#1	9.6536	.42985	.27454	-.00337	.94130	.70782	.21429
#2	9.7301	.43239	.26864	-.00286	.94277	.70780	.21478
#3	9.6408	.42949	.28444	-.00897	.95374	.70949	.21367

Sample Name: PB120850BS Acquired: 6/24/2019 15:36:18 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120856BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21010	F 5.534	F .25915	F 3.9451	F<.00000
Stddev	.00200	.018	.00086	.4190	.35289
%RSD	.95196	.3215	.33370	10.620	2083.2

#1	.21046	5.544	.25828	3.9205	.30326
#2	.20794	5.513	.25915	4.3759	-.39530
#3	.21189	5.544	.26001	3.5390	.04122

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.4	23152.	1937.2	34.284	2082.6
Stddev	6.2	35.	7.6	1.192	7.1
%RSD	.34356	.15189	.39240	3.4762	.34233

#1	1802.5	23122.	1929.4	34.032	2074.7
#2	1814.7	23144.	1944.6	35.582	2088.5
#3	1810.9	23191.	1937.5	33.239	2084.5

Sample Name: PB120850BL Acquired: 6/24/2019 15:40:27 Type: Unk
Method: P4-ICP2(v3227) 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	-.00071	.00122	.00184	.00197	.00026	-.00467	.00102	-.00002
Stddev	.00084	.00067	.00090	.00088	.00060	.01396	.00071	.00006
%RSD	119.24	55.152	48.893	44.565	229.47	299.09	70.076	228.15

#1	.00026	.00067	.00271	.00176	.00026	.00358	.00020	-.00006
#2	-.00112	.00102	.00190	.00294	-.00034	-.02078	.00152	-.00005
#3	-.00126	.00197	.00091	.00122	.00086	.00320	.00132	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02260	-.00026	-.00007	.00012	.00122	-.00017	.04331
Stddev	.00010	.02124	.00058	.00023	.00028	.00031	.00008	.08175
%RSD	264.11	93.985	223.37	322.10	240.08	25.522	45.547	188.75

#1	-.00004	.03854	.00041	-.00032	.00019	.00124	-.00026	.04648
#2	.00015	.03077	-.00060	-.00004	.00035	.00090	-.00012	-.03998
#3	.00000	-.00151	-.00058	.00014	-.00019	.00152	-.00013	.12342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.00018	-.03561	.00018	-.00083	-.00151	-.00017	-.01711
Stddev	.00007	.00083	.00746	.00017	.00006	.03299	.00016	.02392
%RSD	9.5587	453.87	20.945	96.773	6.9943	2177.5	97.754	139.76

#1	-.00075	.00099	-.04279	.00001	-.00083	.03607	-.00034	-.03396
#2	-.00078	-.00068	-.02790	.00036	-.00089	-.01495	-.00003	-.02765
#3	-.00065	.00024	-.03614	.00017	-.00077	-.02567	-.00013	.01026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00765	.00395	.00026	.00097	.00107	-.0002	.00004	F 2.7093
Stddev	.00152	.00237	.00055	.00152	.00067	.0010	.00013	.4174
%RSD	19.915	60.022	206.76	156.23	62.671	416.0	328.95	15.407

#1	-.00596	.00230	-.00018	.00037	.00053	-.0004	.00008	2.8890
#2	-.00811	.00289	.00088	.00271	.00086	.0008	-.00010	3.0068
#3	-.00890	.00667	.00009	-.00015	.00181	-.0012	.00014	2.2321

Sample Name: PB120850BL Acquired: 6/24/2019 15:40:27 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .34279
Stddev .29423
%RSD 85.832

#1 .52384
#2 .00330
#3 .50124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.2	23384.	2020.3	32.655	2147.9
Stddev	5.2	34.	74.5	2.756	4.2
%RSD	.28264	.14354	3.6862	8.4409	.19558

#1	1848.1	23350.	2106.0	35.736	2146.6
#2	1857.7	23384.	1984.3	30.425	2152.6
#3	1856.6	23417.	1970.7	31.802	2144.5

Sample Name: PB120856BS Acquired: 6/24/2019 15:44:56 Type: Unk
Method: P4-ICP2(v3227) 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	.86348	2.1801	1.0716	2.3011	.85323	2.1558	.22017
Stddev	.00092	.0101	.0018	.0019	.00343	.0244	.00109
%RSD	.10708	.46477	.17191	.08082	.40149	1.1335	.49629
#1	.86301	2.1889	1.0729	2.3021	.85043	2.1757	.21908
#2	.86454	2.1690	1.0695	2.2989	.85705	2.1285	.22017
#3	.86288	2.1823	1.0724	2.3021	.85220	2.1633	.22127
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22934	.21291	1.1956	.46022	.21496	.35495	3.4938
Stddev	.00040	.00025	.0099	.00081	.00069	.00090	.0035
%RSD	.17411	.11516	.82652	.17535	.32323	.25336	.09899
#1	.22938	.21319	1.1953	.45934	.21521	.35471	3.4900
#2	.22892	.21278	1.2056	.46093	.21549	.35594	3.4947
#3	.22971	.21276	1.1858	.46038	.21417	.35419	3.4968
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23250	2.1377	.54759	.08261	3.1333	.33906	.22804
Stddev	.00027	.0935	.00116	.00115	.0086	.00117	.00027
%RSD	.11761	4.3741	.21226	1.3863	.27534	.34460	.11685
#1	.23239	2.1098	.54892	.08314	3.1235	.33997	.22833
#2	.23230	2.2420	.54711	.08339	3.1400	.33948	.22800
#3	.23281	2.0613	.54674	.08129	3.1363	.33774	.22780
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.736	.43980	.30617	F -.00864	1.0360	.73540	.21962
Stddev	.042	.00176	.00383	.00212	.0069	.00173	.00174
%RSD	.39552	.39923	1.2509	24.529	.66721	.23539	.79344
#1	10.695	.43846	.31011	-.00631	1.0282	.73415	.21885
#2	10.780	.43916	.30246	-.00916	1.0414	.73467	.22162
#3	10.734	.44179	.30595	-.01045	1.0383	.73738	.21840

Sample Name: PB120856BS Acquired: 6/24/2019 15:44:56 Type: Unk
Method: P4-ICP2(v3227) 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	.22195	6.265	F .28185	F 2.2598	F .53034
Stddev	.00043	.009	.00062	.2284	.54804
%RSD	.19401	.1449	.22006	10.106	103.34
#1	.22195	6.274	.28121	2.3746	.54347
#2	.22151	6.256	.28244	2.4081	1.0717
#3	.22238	6.267	.28191	1.9968	-.02415
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.3	24623.	2044.5	34.924	2246.1
Stddev	4.8	19.	10.5	1.540	4.6
%RSD	.24772	.07537	.51600	4.4096	.20459
#1	1953.1	24604.	2041.5	34.118	2246.2
#2	1953.1	24640.	2056.3	36.700	2250.6
#3	1944.8	24626.	2035.8	33.955	2241.4

Sample Name: PB120862BL Acquired: 6/24/2019 15:49:03 Type: Unk
Method: P4-ICP2(v3227) 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	-.00059	.00151	.00212	-.00053	-.00003	-.00426	.00105	.00001
Stddev	.00180	.00041	.00076	.00098	.00111	.01326	.00113	.00003
%RSD	303.55	26.841	35.843	185.24	3278.9	311.56	107.37	568.27

#1	-.00231	.00192	.00125	-.00050	.00071	-.01280	.00207	.00002
#2	.00127	.00150	.00264	-.00152	-.00131	.01102	-.00016	-.00003
#3	-.00074	.00111	.00246	.00044	.00050	-.01098	.00125	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01679	-.00025	-.00011	.00071	.00183	-.00014	-.04243
Stddev	.00007	.01438	.00057	.00005	.00060	.00092	.00006	.03950
%RSD	105.63	85.660	222.74	49.934	83.307	50.323	40.773	93.093

#1	-.00012	.00100	.00036	-.00005	.00130	.00284	-.00011	-.00130
#2	-.00010	.02914	-.00075	-.00015	.00073	.00164	-.00010	-.04593
#3	.00001	.02023	-.00038	-.00012	.00011	.00102	-.00020	-.08006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00099	-.00004	-.04174	-.00021	-.00068	.07485	.00027	-.03968
Stddev	.00055	.00033	.01218	.00048	.00017	.01388	.00030	.02278
%RSD	55.388	878.33	29.186	222.59	24.448	18.549	109.36	57.412

#1	-.00059	-.00038	-.05469	.00032	-.00064	.08295	.00052	-.01681
#2	-.00077	.00027	-.03051	-.00060	-.00086	.08277	.00036	-.06237
#3	-.00162	-.00000	-.04001	-.00036	-.00053	.05882	-.00006	-.03988

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00419	.00692	.00006	.00239	.00242	-.0012	.00009	F 2.5767
Stddev	.00397	.00418	.00040	.00218	.00199	.0005	.00026	.5820
%RSD	94.901	60.402	617.38	91.179	82.307	44.20	290.05	22.586

#1	-.00427	.01124	-.00038	.00267	.00471	-.0010	.00036	3.2242
#2	-.00017	.00290	.00038	.00441	.00142	-.0008	-.00017	2.4088
#3	-.00812	.00662	.00020	.00008	.00113	-.0018	.00008	2.0971

Sample Name: PB120862BL Acquired: 6/24/2019 15:49:03 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .11822
Stddev	.44384
%RSD	375.45

#1	-.30377
#2	.07734
#3	.58109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.5	23213.	1953.6	32.248	2118.0
Stddev	6.7	99.	95.2	1.896	7.1
%RSD	.36749	.42461	4.8706	5.8807	.33382

#1	1826.8	23103.	1851.4	30.609	2110.4
#2	1837.4	23242.	2039.7	34.325	2119.4
#3	1839.3	23294.	1969.7	31.809	2124.3

Sample Name: PB120962BS Acquired: 6/24/2019 15:53:29 Type: Unk
Method: P4-ICP2(v3227) 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	.74026	1.8913	.93309	1.8502	.75525	1.9005	.19875
Stddev	.00129	.0084	.00148	.0071	.00176	.0080	.00261
%RSD	.17417	.44452	.15822	.38135	.23332	.42095	1.3142
#1	.73989	1.8984	.93340	1.8577	.75566	1.8979	.19596
#2	.73920	1.8936	.93439	1.8491	.75332	1.9094	.20113
#3	.74169	1.8820	.93148	1.8437	.75677	1.8940	.19917
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18862	.18213	1.0658	.41083	.19132	.30784	3.1032
Stddev	.00040	.00025	.0258	.00101	.00023	.00077	.0114
%RSD	.20972	.13830	2.4177	.24704	.11911	.24985	.36678
#1	.18819	.18235	1.0654	.40997	.19153	.30840	3.0927
#2	.18869	.18186	1.0918	.41057	.19108	.30697	3.1153
#3	.18897	.18219	1.0402	.41195	.19136	.30817	3.1016
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20477	1.9260	.48142	.07138	2.8197	.30685	.18559
Stddev	.00052	.0689	.00241	.00054	.0229	.00195	.00025
%RSD	.25570	3.5770	.50046	.76125	.81281	.63711	.13207
#1	.20421	1.8473	.48364	.07199	2.7932	.30823	.18582
#2	.20525	1.9756	.48176	.07118	2.8315	.30771	.18533
#3	.20485	1.9549	.47885	.07096	2.8343	.30461	.18561
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3466	.40816	.26768	F -.00854	.87293	.66068	.20551
Stddev	.0880	.00156	.02429	.00444	.00734	.00102	.00064
%RSD	.94188	.38140	9.0752	52.057	.84065	.15495	.31033
#1	9.2458	.40991	.29507	-.00885	.87734	.66133	.20623
#2	9.4084	.40764	.24874	-.01282	.86446	.66121	.20503
#3	9.3855	.40693	.25923	-.00395	.87700	.65950	.20526

Sample Name: PB120962BS Acquired: 6/24/2019 15:53:29 Type: Unk
Method: P4-ICP2(v3227) 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	.20664	5.345	F .25301	F 3.9061	F<.00000
Stddev	.00081	.014	.00052	.1822	.18806
%RSD	.39069	.2613	.20710	4.6655	57.737
#1	.20571	5.360	.25291	4.1050	-.11405
#2	.20699	5.343	.25255	3.7471	-.38958
#3	.20721	5.332	.25358	3.8663	-.47355
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.8	23027.	1920.9	31.993	2067.8
Stddev	5.1	58.	5.3	.417	6.8
%RSD	.28228	.25327	.27444	1.3037	.33026
#1	1793.8	23013.	1914.9	31.986	2061.7
#2	1794.0	22977.	1923.0	32.414	2066.4
#3	1802.7	23091.	1924.8	31.580	2075.2

Sample Name: PB120862TB Acquired: 6/24/2019 15:57:38 Type: Unk
Method: P4-ICP2(v3227) 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	-.00335	-.00043	.00410	.00251	.00111	.00793	.00147	-.00013
Stddev	.00151	.00091	.00141	.00336	.00062	.01085	.00016	.00014
%RSD	45.167	214.07	34.390	134.22	56.011	136.93	10.769	104.15

#1	-.00170	-.00048	.00452	.00380	.00114	.01183	.00155	-.00022
#2	-.00366	-.00131	.00253	.00503	.00171	-.00434	.00129	-.00021
#3	-.00468	.00051	.00525	-.00131	.00047	.01628	.00157	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.02276	.00029	-.00008	.00015	.00660	.00028	.02072
Stddev	.00011	.00913	.00017	.00027	.00003	.00010	.00015	.03698
%RSD	93.260	40.132	59.431	326.60	17.352	1.4702	54.783	178.46

#1	-.00012	.01489	.00011	.00009	.00014	.00652	.00032	.01531
#2	-.00000	.03277	.00031	.00006	.00018	.00671	.00040	.06010
#3	-.00022	.02060	.00045	-.00040	.00013	.00657	.00011	-.01325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00182	F 319.28	-.00049	.00957	.14083	.00049	-.00137
Stddev	.00036	.00081	1.96	.00030	.00001	.03352	.00024	.01592
%RSD	144.33	44.467	.61448	62.127	.15651	23.802	49.347	1162.5

#1	.00009	.00240	317.65	-.00014	.00956	.10299	.00033	.01300
#2	.00066	.00089	318.73	-.00067	.00959	.16679	.00077	.00137
#3	-.00001	.00216	321.45	-.00064	.00956	.15271	.00037	-.01848

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00364	.01071	.00178	.00255	.00220	.0006	.00033	4.0087
Stddev	.00226	.00265	.00064	.00316	.00156	.0014	.00012	.4601
%RSD	62.088	24.769	36.208	123.88	71.054	240.4	35.300	11.476

#1	.00542	.00781	.00188	.00003	.00181	-.0010	.00042	4.5395
#2	.00110	.01133	.00109	.00609	.00393	.0016	.00020	3.7247
#3	.00440	.01300	.00236	.00153	.00087	.0011	.00037	3.7619

Sample Name: PB120862TB Acquired: 6/24/2019 15:57:38 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.43082
Stddev	.12051
%RSD	27.973

#1	.29770
#2	.53250
#3	.46226

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.6	22005.	1968.7	32.037	1881.1
Stddev	2.1	29.	8.8	.410	1.1
%RSD	.11768	.13265	.44744	1.2805	.05858

#1	1745.5	22038.	1977.3	32.195	1881.9
#2	1747.7	21988.	1959.7	31.572	1879.8
#3	1749.6	21987.	1969.3	32.346	1881.5

Sample Name: PB120863BL Acquired: 6/24/2019 16:02:04 Type: Unk
Method: P4-ICP2(v3227) 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	-.00027	.00154	.00041	.00246	-.00049	.00017	.00213	-.00003
Stddev	.00174	.00209	.00072	.00287	.00064	.00680	.00097	.00006
%RSD	641.83	135.86	173.57	116.55	131.54	3919.0	45.575	257.65

#1	-.00227	.00376	.00124	.00171	-.00003	-.00751	.00106	-.00006
#2	.00060	.00122	.00009	.00004	-.00021	.00262	.00235	.00005
#3	.00086	-.00037	-.00008	.00562	-.00122	.00541	.00296	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00530	-.00004	.00015	.00010	.00130	-.00015	-.02401
Stddev	.00007	.03638	.00019	.00007	.00032	.00086	.00012	.03117
%RSD	66.313	686.12	426.26	46.978	327.47	66.388	81.580	129.78

#1	-.00003	-.01000	-.00025	.00012	.00026	.00056	-.00030	.00855
#2	-.00017	.04683	-.00001	.00010	-.00027	.00110	-.00008	-.02703
#3	-.00011	-.02092	.00013	.00023	.00030	.00225	-.00008	-.05356

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	.00036	.04969	.00001	-.00096	.17034	-.00016	-.01647
Stddev	.00055	.00045	.01285	.00022	.00012	.00887	.00010	.01662
%RSD	96.109	127.07	25.865	3440.0	12.481	5.2087	63.509	100.94

#1	-.00118	.00045	.06453	.00021	-.00095	.17940	-.00018	-.00268
#2	-.00045	-.00014	.04234	-.00023	-.00109	.16995	-.00026	-.03493
#3	-.00010	.00075	.04219	.00003	-.00085	.16167	-.00005	-.01180

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00572	.00329	.00101	.00463	.00178	.0006	.00033	F 2.0354
Stddev	.00308	.00353	.00071	.00004	.00184	.0008	.00018	.6510
%RSD	53.803	107.38	70.480	.96787	103.88	120.6	53.352	31.985

#1	-.00418	-.00016	.00122	.00458	.00055	-.0001	.00041	2.7542
#2	-.00372	.00313	.00022	.00467	.00390	.0014	.00013	1.4853
#3	-.00927	.00690	.00159	.00463	.00088	.0007	.00046	1.8667

Sample Name: PB120863BL Acquired: 6/24/2019 16:02:04 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .51051
Stddev	.10257
%RSD	20.091

#1	.52981
#2	.60206
#3	.39966

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.4	23487.	1984.1	33.248	2150.9
Stddev	1.1	61.	1.9	1.600	4.4
%RSD	.05731	.26054	.09653	4.8109	.20560

#1	1856.3	23552.	1986.1	31.402	2145.9
#2	1855.4	23431.	1983.9	34.125	2152.4
#3	1857.6	23477.	1982.3	34.218	2154.3

Sample Name: PB120863BS Acquired: 6/24/2019 16:06:32 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72875	1.8625	.92021	1.8201	.74479	1.8782	.19719
Stddev	.00050	.0075	.00201	.0155	.00063	.0141	.00077
%RSD	.06832	.40450	.21797	.85380	.08434	.75158	.39252

#1	.72884	1.8706	.92106	1.8380	.74490	1.8698	.19808
#2	.72822	1.8610	.91791	1.8097	.74411	1.8703	.19680
#3	.72920	1.8558	.92164	1.8127	.74536	1.8945	.19668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18588	.18032	1.0210	.40395	.18881	.30269	3.0543
Stddev	.00031	.00033	.0154	.00023	.00073	.00083	.0051
%RSD	.16806	.18455	1.5052	.05802	.38875	.27389	.16741

#1	.18553	.18055	1.0078	.40405	.18862	.30207	3.0541
#2	.18597	.17994	1.0378	.40369	.18819	.30236	3.0493
#3	.18613	.18048	1.0173	.40413	.18962	.30363	3.0596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20312	1.9347	.47484	.07002	2.8146	.30265	.18423
Stddev	.00077	.0153	.00053	.00068	.0167	.00090	.00044
%RSD	.38014	.79020	.11190	.97662	.59437	.29604	.23724

#1	.20239	1.9175	.47524	.07000	2.7954	.30254	.18457
#2	.20304	1.9466	.47423	.06935	2.8222	.30182	.18374
#3	.20393	1.9401	.47504	.07071	2.8261	.30360	.18437

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3323	.40151	.27904	F -.01158	.85387	.65142	.19877
Stddev	.0364	.00090	.01079	.00199	.01080	.00373	.00375
%RSD	.38980	.22491	3.8682	17.159	1.2643	.57336	1.8879

#1	9.3248	.40168	.28936	-.01011	.84141	.65567	.19859
#2	9.3003	.40054	.27994	-.01384	.86044	.64868	.20261
#3	9.3719	.40232	.26783	-.01078	.85977	.64990	.19511

Sample Name: PB120863BS Acquired: 6/24/2019 16:06:32 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8346 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20017	5.278	F .24949	F 4.0082	F<.00000
Stddev	.00218	.016	.00224	.1123	.29648
%RSD	1.0898	.2986	.89646	2.8016	149.99

#1	.19765	5.293	.24693	3.9083	-.39891
#2	.20133	5.262	.25110	4.1297	-.33690
#3	.20152	5.279	.25044	3.9864	.14281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.1	23115.	1939.3	32.740	2072.1
Stddev	3.7	32.	11.7	1.445	5.5
%RSD	.20454	.13673	.60160	4.4145	.26590

#1	1800.9	23119.	1952.2	32.886	2066.7
#2	1807.3	23144.	1936.1	34.107	2077.7
#3	1801.0	23081.	1929.5	31.227	2072.0

Sample Name: PB120863TB Acquired: 6/24/2019 16:10:41 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8346 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.00064	.00508	.00605	.00105	.02587	.00203	-.00009
Stddev	.00374	.00087	.00132	.00035	.00118	.01414	.00059	.00003
%RSD	948.54	134.61	25.929	5.8206	112.01	54.661	29.143	31.184

#1	-.00463	-.00012	.00494	.00566	.00185	.01204	.00234	-.00006
#2	.00097	.00047	.00384	.00615	.00161	.02527	.00135	-.00010
#3	.00247	.00158	.00646	.00634	-.00030	.04029	.00241	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.03208	.00049	-.00045	.00080	.00278	-.00003	.11816
Stddev	.00002	.01094	.00038	.00031	.00033	.00102	.00002	.08124
%RSD	9.3863	34.115	77.938	69.629	41.107	36.886	63.273	68.753

#1	-.00019	.02645	.00005	-.00075	.00085	.00186	-.00006	.19844
#2	-.00018	.04469	.00069	-.00013	.00110	.00388	-.00002	.03599
#3	-.00022	.02509	.00072	-.00047	.00045	.00258	-.00003	.12006

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00164	F 297.79	-.00023	.00633	.17829	.00008	-.02451
Stddev	.00041	.00036	2.33	.00077	.00005	.02797	.00020	.01003
%RSD	417.34	22.150	.78122	332.96	.75849	15.689	235.40	40.943

#1	-.00026	.00141	295.63	.00061	.00628	.20983	-.00014	-.01293
#2	-.00040	.00146	297.51	-.00040	.00637	.15648	.00024	-.02983
#3	.00037	.00206	300.25	-.00090	.00634	.16856	.00016	-.03077

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	.00992	.00166	.00265	.00230	-.0003	.00035	4.4787
Stddev	.00654	.00136	.00095	.00245	.00070	.0025	.00005	.0901
%RSD	1935.4	13.699	57.588	92.568	30.519	985.1	14.611	2.0110

#1	-.00438	.01000	.00262	.00490	.00307	-.0023	.00041	4.4830
#2	.00720	.00853	.00163	.00004	.00211	.0026	.00031	4.5666
#3	-.00384	.01124	.00071	.00301	.00171	-.0010	.00035	4.3866

Sample Name: PB120863TB Acquired: 6/24/2019 16:10:41 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8346 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.61142
Stddev	.37008
%RSD	60.528

#1	.27439
#2	1.0075
#3	.55240

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.2	22009.	1953.1	31.581	1882.6
Stddev	1.9	62.	16.1	.617	5.1
%RSD	.10737	.28042	.82560	1.9536	.27192

#1	1750.1	22045.	1947.5	31.206	1877.0
#2	1752.8	22043.	1940.5	32.293	1887.1
#3	1753.7	21937.	1971.3	31.243	1883.8

Sample Name: CCV03 Acquired: 6/24/2019 16:25:08 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15164 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1803	5.2408	5.1495	5.2379	5.1626	10.074	10.350	.25888
Stddev	.0167	.0087	.0045	.0242	.0038	.082	.028	.00170
%RSD	.32287	.16577	.08678	.46168	.07405	.80948	.27033	.65727

#1	5.1930	5.2505	5.1507	5.2636	5.1616	9.9945	10.330	.25730
#2	5.1614	5.2385	5.1445	5.2345	5.1594	10.070	10.337	.25865
#3	5.1866	5.2336	5.1532	5.2156	5.1669	10.157	10.382	.26068

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5771	25.747	1.0318	2.5733	1.2935	5.2348	2.5958	25.586
Stddev	.0021	.133	.0054	.0033	.0005	.0270	.0134	.050
%RSD	.08187	.51574	.51914	.12791	.03974	.51568	.51782	.19405

#1	2.5783	25.702	1.0262	2.5751	1.2933	5.2046	2.5809	25.529
#2	2.5783	25.643	1.0326	2.5754	1.2941	5.2430	2.5996	25.603
#3	2.5747	25.897	1.0368	2.5695	1.2932	5.2567	2.6069	25.624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5848	1.2872	25.555	2.5844	2.5621	25.720	5.2134	5.1305
Stddev	.0034	.0026	.096	.0169	.0009	.044	.0051	.0658
%RSD	.13209	.20082	.37386	.65337	.03442	.17012	.09721	1.2834

#1	2.5850	1.2845	25.465	2.5649	2.5629	25.687	5.2192	5.1130
#2	2.5880	1.2873	25.545	2.5951	2.5611	25.769	5.2110	5.0752
#3	2.5812	1.2897	25.656	2.5932	2.5622	25.702	5.2100	5.2034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1877	4.9341	5.2066	5.1335	5.0522	5.295	F 5.5110	F 4.1298
Stddev	.0232	.0323	.0092	.0425	.0286	.010	.0202	.3287
%RSD	.44772	.65502	.17645	.82808	.56588	.1961	.36579	7.9583

#1	5.1973	4.8973	5.2151	5.0854	5.0194	5.294	5.4886	3.7735
#2	5.2046	4.9469	5.2080	5.1488	5.0720	5.306	5.5166	4.1948
#3	5.1613	4.9580	5.1968	5.1662	5.0651	5.285	5.5278	4.4211

Sample Name: CCV03 Acquired: 6/24/2019 16:25:08 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15164 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7632
Stddev	.5102
%RSD	18.462

#1	3.2973
#2	2.2810
#3	2.7114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.5	23103.	2026.2	32.828	1945.6
Stddev	4.8	32.	3.4	2.235	4.6
%RSD	.26411	.13819	.16947	6.8088	.23527

#1	1814.4	23114.	2030.1	35.245	1940.3
#2	1824.0	23128.	2023.9	32.402	1947.5
#3	1820.2	23067.	2024.4	30.836	1948.8

Sample Name: CCB03 Acquired: 6/24/2019 16:29:07 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15164 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	.00012	.00049	-.00202	-.00280	-.00636	.00260	-.00004
Stddev	.00105	.00066	.00100	.00426	.00095	.02041	.00077	.00000
%RSD	52.767	555.15	205.82	211.46	33.923	320.78	29.662	5.1200

#1	-.00181	-.00056	.00145	-.00116	-.00218	.00198	.00225	-.00004
#2	-.00311	.00076	-.00055	.00175	-.00232	.00855	.00348	-.00004
#3	-.00103	.00016	.00055	-.00665	-.00389	-.02962	.00206	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01352	.00021	-.00028	.00013	.00108	-.00014	.02201
Stddev	.00012	.03053	.00024	.00024	.00046	.00115	.00008	.05848
%RSD	4783.3	225.76	114.59	82.677	368.64	106.12	55.673	265.70

#1	-.00007	-.01231	.00022	-.00004	-.00000	.00219	-.00015	-.02495
#2	-.00006	-.04465	-.00004	-.00031	-.00026	.00114	-.00006	.08752
#3	.00014	.01638	.00044	-.00051	.00064	-.00010	-.00022	.00346

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00022	-.00840	-.00044	-.00085	.07326	.00075	.00199
Stddev	.00035	.00039	.00372	.00060	.00011	.06783	.00019	.01234
%RSD	60.535	175.73	44.286	138.02	13.008	92.577	25.776	618.88

#1	-.00018	-.00003	-.01227	-.00010	-.00097	.00400	.00095	.01621
#2	-.00075	.00002	-.00485	-.00008	-.00076	.07624	.00071	-.00420
#3	-.00081	.00066	-.00808	-.00113	-.00082	.13955	.00057	-.00602

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00742	.00856	.00041	.00063	.00234	-.0006	.00029	F 3.0462
Stddev	.00430	.00278	.00062	.00433	.00293	.0011	.00012	.5252
%RSD	57.950	32.509	150.76	689.20	125.45	182.1	42.663	17.242

#1	-.00976	.00557	.00009	.00012	-.00103	.0004	.00019	3.6450
#2	-.00246	.00906	.00001	.00519	.00372	-.0005	.00025	2.6637
#3	-.01003	.01107	.00112	-.00343	.00432	-.0017	.00043	2.8298

Sample Name: CCB03 Acquired: 6/24/2019 16:29:07 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15164 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .15096
Stddev	.24373
%RSD	161.46

#1	-.07977
#2	.12676
#3	.40588

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.2	23479.	2035.5	34.523	2154.8
Stddev	3.9	440.	51.3	2.159	6.7
%RSD	.21140	1.8750	2.5212	6.2530	.31199

#1	1861.2	22974.	2093.5	36.545	2147.3
#2	1865.4	23782.	2016.8	32.250	2160.2
#3	1869.1	23682.	1996.1	34.775	2156.9

Sample Name: PB120864BL Acquired: 6/24/2019 16:33:35 Type: Unk
Method: P4-ICP2(v3227) 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	-.00038	.00110	-.00177	.00048	-.00177	.00205	-.00003
Stddev	.00201	.00027	.00156	.00449	.00132	.00735	.00041	.00011
%RSD	181.36	71.244	142.23	252.89	274.94	415.52	20.075	390.96

#1	-.00112	-.00063	.00121	-.00107	.00148	-.00976	.00170	-.00016
#2	-.00312	-.00009	.00260	-.00657	-.00102	.00470	.00251	.00004
#3	.00091	-.00042	-.00051	.00232	.00097	-.00025	.00195	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00387	-.00030	-.00006	.00008	.00126	-.00013	-.03347
Stddev	.00004	.00404	.00019	.00006	.00039	.00073	.00007	.00839
%RSD	212.13	104.43	63.871	91.474	509.03	57.651	53.743	25.066

#1	-.00006	-.00038	-.00028	-.00004	.00027	.00100	-.00010	-.02467
#2	.00001	-.00830	-.00012	-.00012	.00033	.00209	-.00008	-.03438
#3	-.00001	-.00293	-.00049	-.00002	-.00037	.00071	-.00020	-.04137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	.00033	-.04376	-.00047	-.00087	.05671	-.00012	-.01431
Stddev	.00028	.00025	.00663	.00050	.00005	.02119	.00014	.00297
%RSD	46.214	75.560	15.144	105.20	6.0094	37.361	112.46	20.735

#1	-.00088	.00055	-.03673	-.00050	-.00091	.05000	.00002	-.01271
#2	-.00031	.00006	-.04989	.00004	-.00090	.03969	-.00026	-.01773
#3	-.00065	.00039	-.04466	-.00096	-.00081	.08043	-.00014	-.01248

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	.00357	-.00037	.00030	.00347	.0000	.00011	F 3.2882
Stddev	.00318	.00099	.00021	.00476	.00127	.0017	.00022	.4089
%RSD	615.23	27.690	55.803	1606.3	36.467	71590.	200.35	12.435

#1	-.00253	.00244	-.00053	-.00218	.00491	-.0017	.00030	3.2719
#2	.00315	.00407	-.00014	-.00271	.00253	.0017	.00017	2.8877
#3	-.00218	.00422	-.00043	.00578	.00298	.0001	-.00014	3.7050

Sample Name: PB120864BL Acquired: 6/24/2019 16:33:35 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .87428
Stddev	.68206
%RSD	78.014

#1	1.6024
#2	.25024
#3	.77019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.1	23554.	2019.2	34.298	2151.8
Stddev	2.4	73.	36.5	.554	3.7
%RSD	.12775	.31067	1.8052	1.6158	.17128

#1	1862.3	23638.	2061.3	33.891	2149.3
#2	1862.7	23507.	1997.7	34.930	2156.0
#3	1858.4	23516.	1998.7	34.075	2150.1

Sample Name: PB120864BS Acquired: 6/24/2019 16:38:03 Type: Unk
Method: P4-ICP2(v3227) 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	.73448	1.9031	.93635	1.8445	.75186	1.8687	.20007
Stddev	.00731	.0114	.00301	.0045	.00312	.0210	.00133
%RSD	.99510	.59743	.32110	.24546	.41485	1.1252	.66578
#1	.73132	1.8907	.93431	1.8394	.74852	1.8541	.19908
#2	.72928	1.9131	.93494	1.8482	.75237	1.8928	.20158
#3	.74284	1.9054	.93981	1.8459	.75469	1.8591	.19954
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18826	.18333	1.0213	.40709	.19236	.30416	3.0819
Stddev	.00058	.00015	.0325	.00141	.00038	.00018	.0022
%RSD	.30648	.08108	3.1777	.34636	.19927	.05917	.07006
#1	.18799	.18346	.99580	.40812	.19194	.30396	3.0835
#2	.18892	.18317	1.0103	.40549	.19242	.30419	3.0826
#3	.18786	.18335	1.0578	.40767	.19270	.30432	3.0794
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20499	1.8475	.48134	.07194	2.8125	.30521	.18632
Stddev	.00081	.0425	.00041	.00005	.0264	.00194	.00050
%RSD	.39634	2.2991	.08596	.07395	.93716	.63603	.26630
#1	.20548	1.8387	.48102	.07188	2.7829	.30589	.18575
#2	.20543	1.8937	.48118	.07199	2.8333	.30671	.18665
#3	.20405	1.8102	.48181	.07194	2.8214	.30302	.18656
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4321	.40616	.26511	F -.00779	.85547	.66221	.20325
Stddev	.0323	.00022	.00844	.00460	.00998	.00129	.00244
%RSD	.34281	.05386	3.1845	59.135	1.1667	.19497	1.2011
#1	9.3953	.40596	.26213	-.00785	.86690	.66236	.20249
#2	9.4560	.40612	.25856	-.00315	.85104	.66085	.20598
#3	9.4450	.40639	.27464	-.01235	.84847	.66342	.20127

Sample Name: PB120864BS Acquired: 6/24/2019 16:38:03 Type: Unk
Method: P4-ICP2(v3227) 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	.20039	5.355	F .25158	F 4.3303	F<.00000
Stddev	.00316	.013	.00041	.1572	.40257
%RSD	1.5764	.2397	.16451	3.6304	226.89
#1	.20197	5.344	.25202	4.3535	-.19126
#2	.20244	5.353	.25119	4.4746	.23188
#3	.19675	5.369	.25153	4.1627	-.57291
Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.5	23369.	1968.7	32.714	2081.1
Stddev	1.8	118.	10.5	1.246	2.5
%RSD	.10153	.50290	.53270	3.8105	.11773
#1	1822.1	23295.	1956.9	32.380	2083.9
#2	1821.1	23307.	1972.6	34.093	2079.3
#3	1818.5	23504.	1976.8	31.668	2080.1

Sample Name: PB120864TB Acquired: 6/24/2019 16:42:14 Type: Unk
Method: P4-ICP2(v3227) 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	.00103	.00064	.00101	.00018	.00355	.00141	-.00001
Stddev	.00258	.00194	.00022	.00286	.00181	.01034	.00051	.00009
%RSD	295.08	188.52	34.498	282.99	1033.8	291.31	35.771	1307.9

#1	-.00149	.00121	.00047	.00093	.00015	.00288	.00124	-.00010
#2	-.00308	.00288	.00055	.00391	-.00162	-.00644	.00102	-.00000
#3	.00196	-.00100	.00089	-.00181	.00200	.01420	.00198	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00577	-.00027	-.00013	-.00019	.00145	-.00018	-.02902
Stddev	.00007	.01102	.00049	.00014	.00050	.00025	.00002	.04614
%RSD	67.127	190.97	184.28	110.13	257.36	17.544	9.4127	158.98

#1	.00007	-.00561	-.00018	-.00011	.00033	.00139	-.00019	-.07872
#2	.00006	.00653	.00018	-.00028	-.00025	.00123	-.00016	-.02083
#3	.00018	.01638	-.00080	.00000	-.00066	.00173	-.00019	.01247

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00007	-.05284	-.00015	-.00116	.04282	.00013	.00214
Stddev	.00016	.00067	.01206	.00009	.00007	.02339	.00013	.01259
%RSD	22.536	923.06	22.824	64.467	5.8747	54.626	104.51	589.72

#1	-.00083	-.00058	-.05546	-.00024	-.00124	.01581	-.00001	-.01043
#2	-.00079	.00069	-.03968	-.00015	-.00111	.05606	.00025	.00209
#3	-.00053	-.00033	-.06337	-.00005	-.00114	.05657	.00014	.01475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00363	.00003	.00215	.00230	-.0027	.00010	2.6679
Stddev	.00166	.00196	.00068	.00109	.00109	.0010	.00015	.5226
%RSD	84.122	53.852	2657.0	50.549	47.284	37.14	154.68	19.590

#1	-.00162	.00589	-.00075	.00113	.00105	-.0024	.00027	3.1314
#2	-.00051	.00248	.00031	.00330	.00305	-.0019	.00005	2.1014
#3	-.00377	.00252	.00051	.00203	.00281	-.0039	-.00003	2.7710

Sample Name: PB120864TB Acquired: 6/24/2019 16:42:14 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.92852
Stddev	.20260
%RSD	21.820

#1	1.0871
#2	.99814
#3	.70028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.9	23795.	2020.4	32.620	2156.9
Stddev	3.1	71.	34.7	1.742	5.6
%RSD	.16355	.30010	1.7193	5.3410	.26182

#1	1873.2	23734.	1993.9	30.677	2161.3
#2	1868.4	23777.	2059.7	33.141	2150.5
#3	1874.0	23874.	2007.6	34.043	2158.7

Sample Name: K3457-01 Acquired: 6/24/2019 16:56:58 Type: Unk
Method: P4-ICP2(v3227) 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	-.00125	.00471	.05124	.00230	.00062	1.3734	.11502	.00046
Stddev	.00197	.00047	.00186	.00249	.00137	.0145	.00090	.00002
%RSD	157.59	10.015	3.6365	108.18	219.82	1.0586	.78632	5.0818
#1	-.00349	.00429	.04917	.00332	.00075	1.3888	.11484	.00044
#2	.00022	.00522	.05277	.00411	-.00081	1.3714	.11601	.00046
#3	-.00048	.00461	.05180	-.00054	.00192	1.3600	.11423	.00048
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	106.84	-.00030	.00450	.04173	43.618	.86234	10.002
Stddev	.00017	.14	.00081	.00023	.00052	.762	.01525	.260
%RSD	11.269	.13134	269.52	5.1832	1.2349	1.7470	1.7684	2.5956
#1	-.00171	106.81	-.00122	.00476	.04161	43.989	.86945	10.033
#2	-.00152	106.72	.00005	.00432	.04229	44.123	.87275	10.245
#3	-.00136	106.99	.00027	.00441	.04128	42.742	.84484	9.7283
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	-.00274	175.04	.00545	.84669	7.1665	.00298	.04680
Stddev	.00061	.00073	1.79	.00062	.00327	.0674	.00024	.02010
%RSD	11.410	26.575	1.0199	11.377	.38608	.94083	8.0746	42.941
#1	.00468	-.00350	175.74	.00487	.85044	7.1775	.00324	.03073
#2	.00589	-.00205	176.37	.00610	.84440	7.2276	.00277	.06933
#3	.00542	-.00267	173.01	.00536	.84524	7.0942	.00293	.04033
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0553	F 12.883	.00263	.05144	.02101	1.684	.42304	3.4465
Stddev	.0153	.114	.00102	.00086	.00211	.002	.00363	.4775
%RSD	.50066	.88176	38.839	1.6801	10.054	.1258	.85899	13.854
#1	3.0670	12.988	.00381	.05059	.01883	1.685	.41986	3.4559
#2	3.0380	12.899	.00197	.05232	.02117	1.686	.42225	3.9193
#3	3.0610	12.763	.00212	.05140	.02304	1.682	.42700	2.9644

Sample Name: K3457-01 Acquired: 6/24/2019 16:56:58 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.769
Stddev	.338
%RSD	2.6464

#1	12.447
#2	13.121
#3	12.739

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.8	23559.	2054.0	33.039	1958.8
Stddev	3.6	307.	8.3	1.363	5.1
%RSD	.19212	1.3011	.40414	4.1259	.26053

#1	1859.7	23384.	2044.7	34.462	1953.5
#2	1866.5	23380.	2056.8	31.745	1959.4
#3	1865.1	23913.	2060.6	32.911	1963.6

Sample Name: K3457-01DUP Acquired: 6/24/2019 17:01:17 Type: Unk
Method: P4-ICP2(v3227) 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	-.00207	.00174	.05276	.00566	.00045	1.3867	.11703	.00051
Stddev	.00175	.00102	.00125	.00158	.00302	.0119	.00166	.00019
%RSD	84.453	58.817	2.3698	27.928	677.01	.85499	1.4222	37.492
#1	-.00292	.00265	.05148	.00444	-.00300	1.3734	.11588	.00030
#2	-.00325	.00063	.05284	.00509	.00259	1.3905	.11627	.00057
#3	-.00006	.00195	.05397	.00744	.00175	1.3962	.11894	.00068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	107.48	.00006	.00456	.04148	44.110	.86991	10.123
Stddev	.00015	.33	.00052	.00047	.00060	.081	.00247	.063
%RSD	9.7294	.31053	803.59	10.242	1.4380	.18296	.28422	.62194
#1	-.00168	107.10	.00032	.00404	.04217	44.174	.87048	10.057
#2	-.00142	107.71	-.00053	.00467	.04109	44.019	.86720	10.129
#3	-.00143	107.64	.00040	.00495	.04118	44.138	.87205	10.182
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	-.00255	177.58	.00592	.84436	7.3179	.00302	.05079
Stddev	.00029	.00052	.81	.00035	.00175	.0783	.00021	.01880
%RSD	4.8969	20.259	.45778	5.9460	.20722	1.0699	6.8820	37.027
#1	.00608	-.00312	176.82	.00598	.84291	7.2316	.00284	.04550
#2	.00617	-.00242	177.49	.00555	.84630	7.3377	.00297	.03519
#3	.00562	-.00211	178.44	.00625	.84388	7.3844	.00325	.07167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0359	F 12.977	.00300	.05267	.02207	1.677	.42521	4.3008
Stddev	.0076	.091	.00111	.00350	.00062	.005	.00164	.2671
%RSD	.24964	.69864	36.985	6.6534	2.8283	.2920	.38573	6.2104
#1	3.0349	13.079	.00174	.05228	.02139	1.680	.42413	4.0203
#2	3.0439	12.945	.00341	.04937	.02221	1.680	.42440	4.3299
#3	3.0288	12.906	.00384	.05635	.02262	1.672	.42709	4.5521

Sample Name: K3457-01DUP Acquired: 6/24/2019 17:01:17 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.556
Stddev	.388
%RSD	3.0923

#1	12.108
#2	12.767
#3	12.793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.4	23080.	2026.1	33.436	1953.7
Stddev	1.4	93.	11.6	1.051	3.6
%RSD	.07440	.40501	.57294	3.1431	.18230

#1	1850.6	23024.	2012.7	33.018	1957.8
#2	1853.0	23188.	2033.1	32.659	1951.3
#3	1850.7	23028.	2032.5	34.632	1951.9

Sample Name: K3457-01LX5 Acquired: 6/24/2019 17:05:36 Type: Unk
Method: P4-ICP2(v3227) 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	.00077	.01357	.00414	.00042	.28301	.02593	.00009
Stddev	.00092	.00065	.00115	.00179	.00060	.02308	.00069	.00001
%RSD	66.717	84.994	8.4997	43.273	144.46	8.1548	2.6768	12.551

#1	-.00102	.00141	.01430	.00477	.00075	.30189	.02525	.00010
#2	-.00244	.00078	.01224	.00553	.00078	.25728	.02664	.00009
#3	-.00070	.00011	.01416	.00212	-.00028	.28985	.02592	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00052	22.332	-.00035	.00095	.00923	9.4549	.18865	2.0960
Stddev	.00012	.957	.00009	.00008	.00018	.0129	.00083	.0615
%RSD	23.974	4.2869	27.250	8.8444	1.9969	.13632	.43770	2.9341

#1	-.00052	21.228	-.00026	.00102	.00907	9.4612	.18947	2.0503
#2	-.00064	22.830	-.00034	.00098	.00943	9.4635	.18782	2.0718
#3	-.00039	22.938	-.00044	.00086	.00919	9.4401	.18865	2.1660

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00008	36.442	.00102	.16847	1.5519	.00087	-.01964
Stddev	.00019	.00023	.206	.00048	.00058	.0459	.00037	.00525
%RSD	51.756	290.39	.56500	47.321	.34694	2.9598	42.444	26.745

#1	.00058	-.00033	36.206	.00092	.16796	1.5028	.00118	-.01891
#2	.00023	.00012	36.541	.00154	.16911	1.5592	.00098	-.02523
#3	.00029	-.00003	36.580	.00059	.16833	1.5938	.00046	-.01480

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60520	2.7039	.00209	.01313	.00667	.3325	.08793	3.2967
Stddev	.00212	.0881	.00016	.00299	.00085	.0022	.00462	.1475
%RSD	.35069	3.2585	7.5235	22.735	12.700	.6470	5.2510	4.4727

#1	.60746	2.6024	.00219	.01488	.00756	.3337	.08260	3.1452
#2	.60325	2.7477	.00217	.01483	.00656	.3300	.09045	3.3053
#3	.60490	2.7614	.00191	.00968	.00588	.3339	.09073	3.4397

Sample Name: K3457-01LX5 Acquired: 6/24/2019 17:05:36 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.1378
Stddev .1723
%RSD 5.4905

#1 2.9398
#2 3.2535
#3 3.2200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.3	23116.	2050.7	33.983	2037.2
Stddev	3.6	28.	75.7	1.722	4.2
%RSD	.19941	.12223	3.6910	5.0680	.20851

#1	1826.2	23084.	2138.1	35.726	2037.5
#2	1831.3	23133.	2007.2	33.941	2032.8
#3	1833.3	23133.	2006.7	32.282	2041.3

Sample Name: K3457-01MS Acquired: 6/24/2019 17:09:58 Type: Unk
Method: P4-ICP2(v3227) 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	.98233	2.4626	1.3076	1.4502	.91405	3.9228	.37564	.26377
Stddev	.00218	.0102	.0027	.0077	.00419	.0158	.00176	.00040
%RSD	.22171	.41261	.20942	.53311	.45862	.40206	.46902	.15228
#1	.98226	2.4560	1.3055	1.4506	.90924	3.9083	.37622	.26335
#2	.98454	2.4743	1.3107	1.4423	.91688	3.9204	.37366	.26382
#3	.98019	2.4574	1.3067	1.4577	.91604	3.9396	.37703	.26415
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25047	115.21	.50992	.25936	.42339	49.615	1.1625	13.122
Stddev	.00068	.50	.00065	.00125	.00182	.066	.0020	.053
%RSD	.26997	.43100	.12702	.48245	.42962	.13271	.17284	.40510
#1	.24969	115.03	.51052	.25792	.42159	49.568	1.1612	13.161
#2	.25095	115.77	.50923	.25999	.42335	49.587	1.1614	13.145
#3	.25075	114.83	.51000	.26018	.42522	49.690	1.1648	13.062
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64221	.08358	189.73	.39788	1.1811	20.977	.48191	.41673
Stddev	.00055	.00063	.99	.00275	.0044	.106	.00121	.01565
%RSD	.08614	.75536	.51970	.69037	.37452	.50722	.25054	3.7566
#1	.64242	.08303	190.83	.39903	1.1768	21.082	.48255	.42294
#2	.64159	.08427	188.93	.39988	1.1857	20.869	.48266	.42833
#3	.64263	.08343	189.43	.39475	1.1808	20.979	.48052	.39892
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9352	F 14.807	.77484	.29829	.28377	9.901	.75797	3.9497
Stddev	.0066	.100	.00320	.00038	.00227	.020	.00398	.3140
%RSD	.16835	.67793	.41313	.12603	.79863	.2057	.52502	7.9501
#1	3.9420	14.727	.77131	.29814	.28147	9.898	.75762	3.9134
#2	3.9288	14.920	.77565	.29872	.28382	9.923	.76212	3.6554
#3	3.9346	14.776	.77755	.29802	.28601	9.883	.75418	4.2803

Sample Name: K3457-01MS Acquired: 6/24/2019 17:09:58 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.943
Stddev	.350
%RSD	2.7042

#1	12.539
#2	13.169
#3	13.120

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.0	23298.	2022.6	33.323	1945.9
Stddev	1.9	70.	13.6	1.324	3.9
%RSD	.10349	.29878	.67327	3.9744	.20260

#1	1865.8	23220.	2024.8	32.761	1949.9
#2	1864.4	23354.	2008.0	32.373	1942.0
#3	1862.0	23321.	2035.0	34.836	1945.7

Sample Name: K3457-01MSD Acquired: 6/24/2019 17:14:02 Type: Unk
Method: P4-ICP2(v3227) 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	.98246	2.4447	1.2950	1.4844	.91248	3.9101	.37352	.26240
Stddev	.00217	.0070	.0031	.0043	.00488	.0122	.00342	.00043
%RSD	.22097	.28566	.23849	.28915	.53532	.31292	.91472	.16464
#1	.98456	2.4407	1.2920	1.4795	.91523	3.8967	.36997	.26289
#2	.98260	2.4527	1.2947	1.4876	.91538	3.9208	.37679	.26224
#3	.98022	2.4406	1.2982	1.4860	.90684	3.9127	.37378	.26207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24792	114.39	.50695	.25614	.42019	49.214	1.1492	12.931
Stddev	.00030	.53	.00096	.00102	.00021	.010	.0012	.108
%RSD	.12003	.46571	.19014	.39762	.05080	.02103	.10243	.83168
#1	.24794	113.94	.50652	.25684	.42039	49.209	1.1501	12.833
#2	.24822	114.98	.50805	.25498	.41997	49.208	1.1478	13.046
#3	.24762	114.25	.50627	.25662	.42022	49.226	1.1495	12.915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63676	.08380	188.09	.39500	1.1626	20.894	.48161	.40197
Stddev	.00087	.00022	1.43	.00065	.0004	.071	.00119	.00984
%RSD	.13663	.26799	.76132	.16470	.03062	.33812	.24739	2.4481
#1	.63652	.08369	186.55	.39431	1.1624	20.829	.48298	.41108
#2	.63772	.08406	189.38	.39560	1.1623	20.969	.48102	.39154
#3	.63603	.08366	188.35	.39508	1.1630	20.884	.48082	.40329
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9269	F 14.804	.77497	.29752	.28262	9.817	.75361	4.2453
Stddev	.0222	.028	.00162	.00399	.00147	.031	.00459	.1730
%RSD	.56496	.18809	.20887	1.3418	.51978	.3125	.60948	4.0743
#1	3.9013	14.786	.77482	.30162	.28123	9.784	.75039	4.2877
#2	3.9402	14.836	.77666	.29730	.28416	9.844	.75887	4.0551
#3	3.9391	14.790	.77343	.29364	.28248	9.825	.75157	4.3931

Sample Name: K3457-01MSD Acquired: 6/24/2019 17:14:02 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.622
Stddev	.187
%RSD	1.4834

#1	12.414
#2	12.679
#3	12.775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.0	23197.	2006.8	33.627	1946.2
Stddev	3.8	90.	3.1	.811	2.4
%RSD	.20460	.38737	.15407	2.4125	.12275

#1	1854.5	23300.	2005.1	34.501	1945.9
#2	1861.3	23133.	2005.0	32.898	1948.8
#3	1855.1	23159.	2010.4	33.483	1944.0

Sample Name: K3457-01A Acquired: 6/24/2019 17:18:07 Type: Unk
Method: P4-ICP2(v3227) 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	.98538	2.4389	1.2912	1.4983	.91456	3.8780	.37503	.26110
Stddev	.00329	.0113	.0017	.0061	.00098	.0630	.00323	.00069
%RSD	.33416	.46179	.12846	.40422	.10697	1.6243	.86197	.26468
#1	.98397	2.4267	1.2918	1.4915	.91478	3.8272	.37476	.26164
#2	.98914	2.4413	1.2925	1.4999	.91541	3.8583	.37194	.26032
#3	.98302	2.4488	1.2893	1.5033	.91349	3.9485	.37839	.26135
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24619	113.95	.50234	.25412	.42041	48.964	1.1392	12.946
Stddev	.00055	.48	.00091	.00038	.00155	.089	.0022	.072
%RSD	.22443	.42535	.18038	.15051	.36790	.18190	.19376	.55583
#1	.24555	114.13	.50146	.25415	.42020	48.983	1.1391	12.863
#2	.24658	114.32	.50229	.25448	.41898	48.867	1.1370	12.976
#3	.24642	113.40	.50327	.25372	.42205	49.042	1.1414	12.997
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63329	.08390	186.79	.39349	1.1463	20.772	.48412	.41591
Stddev	.00051	.00011	.52	.00050	.0007	.085	.00071	.02001
%RSD	.08083	.13137	.27979	.12589	.06109	.40863	.14732	4.8108
#1	.63350	.08381	186.51	.39308	1.1455	20.823	.48330	.41092
#2	.63366	.08402	186.46	.39404	1.1467	20.674	.48452	.39886
#3	.63270	.08386	187.39	.39336	1.1466	20.819	.48454	.43794
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8904	F 14.786	.77433	.29884	.28558	9.776	.75068	4.3266
Stddev	.0058	.061	.00193	.00106	.00320	.009	.00273	.3624
%RSD	.14913	.41077	.24908	.35561	1.1206	.0886	.36395	8.3748
#1	3.8945	14.832	.77647	.29927	.28429	9.767	.75142	4.1820
#2	3.8838	14.809	.77378	.29764	.28323	9.779	.75297	4.0589
#3	3.8930	14.717	.77274	.29963	.28922	9.784	.74766	4.7389

Sample Name: K3457-01A Acquired: 6/24/2019 17:18:07 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.531
Stddev	.227
%RSD	1.8144

#1	12.451
#2	12.787
#3	12.354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.3	23233.	2005.3	34.981	1952.7
Stddev	1.0	38.	8.3	1.060	1.4
%RSD	.05627	.16229	.41159	3.0302	.07268

#1	1856.4	23274.	2001.5	34.921	1954.2
#2	1854.3	23226.	1999.7	33.952	1951.4
#3	1855.4	23199.	2014.8	36.070	1952.5

Sample Name: K3453-01 Acquired: 6/24/2019 17:32:33 Type: Unk
Method: P4-ICP2(v3227) 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	.20854	.00195	2.4126	.01186	.01088	212.49	1.4322	.01195
Stddev	.00690	.00109	.0085	.00395	.00147	.44	.0047	.00013
%RSD	3.3103	55.709	.35085	33.343	13.476	.20832	.33083	1.0732
#1	.21527	.00177	2.4113	.01635	.01017	212.11	1.4285	.01182
#2	.20887	.00097	2.4049	.00888	.00990	212.97	1.4375	.01197
#3	.20147	.00312	2.4216	.01036	.01256	212.38	1.4306	.01207
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01237	110.24	.33747	.12607	1.2269	244.26	2.9424	51.772
Stddev	.00025	.76	.00178	.00069	.0039	.64	.0067	.029
%RSD	2.0462	.69308	.52630	.54404	.31823	.26219	.22738	.05593
#1	.01208	109.58	.33773	.12684	1.2291	244.40	2.9491	51.761
#2	.01252	110.06	.33910	.12555	1.2293	244.81	2.9423	51.805
#3	.01251	111.08	.33557	.12581	1.2224	243.56	2.9357	51.750
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45665	-.02076	1.6434	.39435	6.5143	12.417	.00983	-.05513
Stddev	.00133	.00109	.0063	.00091	.0084	.074	.00004	.01281
%RSD	.29105	5.2715	.38531	.23017	.12859	.59577	.43816	23.231
#1	.45814	-.01957	1.6361	.39539	6.5240	12.334	.00983	-.04611
#2	.45558	-.02173	1.6475	.39395	6.5096	12.477	.00988	-.06979
#3	.45622	-.02097	1.6466	.39372	6.5093	12.439	.00979	-.04950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1233	F 10.137	.24286	2.7693	.21898	F 17.64	.80713	<.00000
Stddev	.0281	.094	.00032	.0138	.00146	.03	.00816	.32312
%RSD	.39498	.92695	.13001	.49933	.66617	.1491	1.0113	4.2660
#1	7.1163	10.081	.24287	2.7551	.21897	17.67	.80222	-7.4034
#2	7.0994	10.086	.24317	2.7700	.21752	17.64	.80262	-7.3727
#3	7.1543	10.246	.24254	2.7827	.22044	17.61	.81655	-7.9471

Sample Name: K3453-01 Acquired: 6/24/2019 17:32:33 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	72.903
Stddev	.055
%RSD	.07542

#1	72.967
#2	72.878
#3	72.866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.4	27871.	2481.0	32.239	1826.6
Stddev	6.4	63.	13.3	1.578	6.1
%RSD	.28635	.22677	.53484	4.8956	.33320

#1	2218.8	27880.	2491.4	32.844	1819.6
#2	2223.0	27805.	2485.5	30.448	1829.0
#3	2231.3	27930.	2466.1	33.425	1831.0

Sample Name: CCV04 Acquired: 6/24/2019 17:36:57 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1378	5.1563	5.0636	5.1516	5.0621	10.009	10.316	.25794
Stddev	.0194	.0167	.0068	.0056	.0088	.014	.023	.00025
%RSD	.37823	.32304	.13510	.10797	.17460	.13551	.22395	.09804
#1	5.1372	5.1754	5.0663	5.1494	5.0592	9.9930	10.292	.25813
#2	5.1186	5.1451	5.0558	5.1475	5.0551	10.015	10.316	.25765
#3	5.1575	5.1483	5.0686	5.1580	5.0720	10.018	10.339	.25803
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5253	25.680	1.0312	2.5178	1.2790	5.2270	2.5591	25.420
Stddev	.0034	.163	.0026	.0024	.0008	.0177	.0030	.230
%RSD	.13503	.63423	.24877	.09348	.06057	.33786	.11688	.90458
#1	2.5261	25.507	1.0287	2.5183	1.2795	5.2268	2.5558	25.155
#2	2.5215	25.830	1.0338	2.5153	1.2781	5.2095	2.5600	25.548
#3	2.5282	25.703	1.0312	2.5199	1.2794	5.2448	2.5615	25.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5444	1.2866	25.345	2.5819	2.5075	25.557	5.1667	5.0883
Stddev	.0048	.0048	.074	.0012	.0010	.037	.0112	.0536
%RSD	.18975	.36958	.29353	.04624	.04168	.14534	.21578	1.0530
#1	2.5480	1.2876	25.291	2.5815	2.5072	25.525	5.1577	5.0681
#2	2.5389	1.2815	25.314	2.5810	2.5066	25.598	5.1631	5.1490
#3	2.5463	1.2908	25.430	2.5833	2.5086	25.550	5.1792	5.0477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1519	5.0043	5.1555	5.1229	5.0737	5.266	5.4981	4.5282
Stddev	.0167	.0146	.0058	.0352	.0237	.013	.0076	.4119
%RSD	.32404	.29218	.11273	.68683	.46658	.2520	.13741	9.0963
#1	5.1382	4.9875	5.1585	5.1000	5.0698	5.280	5.4927	4.6239
#2	5.1469	5.0132	5.1488	5.1634	5.0991	5.254	5.5067	4.8838
#3	5.1705	5.0123	5.1591	5.1053	5.0522	5.264	5.4947	4.0769

Sample Name: CCV04 Acquired: 6/24/2019 17:36:57 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.0219
Stddev	.3743
%RSD	12.386

#1	3.0446
#2	2.6367
#3	3.3842

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.0	22632.	1972.7	32.799	1932.8
Stddev	3.1	35.	8.3	.551	4.3
%RSD	.16999	.15252	.41865	1.6785	.22060

#1	1798.9	22628.	1970.9	33.017	1928.0
#2	1802.1	22600.	1965.5	33.208	1933.9
#3	1805.0	22669.	1981.7	32.173	1936.3

Sample Name: CCB04 Acquired: 6/24/2019 17:40:56 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00206	.00031	.00162	-.00212	.00035	.01054	.00230	.00001
Stddev	.00027	.00046	.00051	.00348	.00193	.02099	.00042	.00002
%RSD	12.870	145.93	31.683	163.96	542.91	199.13	18.455	183.07

#1	-.00236	.00050	.00103	-.00223	.00200	.00188	.00263	-.00001
#2	-.00199	.00065	.00192	-.00555	-.00176	-.00474	.00244	.00003
#3	-.00184	-.00021	.00192	.00141	.00083	.03447	.00182	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00232	-.00050	-.00006	.00044	.00294	-.00020	-.01470
Stddev	.00007	.02154	.00061	.00058	.00024	.00095	.00006	.08588
%RSD	548.89	929.29	121.72	985.23	54.376	32.206	29.782	584.23

#1	-.00000	.00693	.00020	.00011	.00047	.00350	-.00026	-.03662
#2	-.00009	-.02115	-.00086	-.00071	.00018	.00347	-.00014	.08002
#3	.00005	.02118	-.00085	.00042	.00065	.00185	-.00021	-.08749

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00038	.00769	-.00011	-.00108	.11439	.00099	.00597
Stddev	.00042	.00060	.01184	.00046	.00017	.03908	.00037	.00709
%RSD	68.807	157.94	153.95	432.32	15.558	34.164	37.186	118.71

#1	-.00061	.00035	.00095	-.00049	-.00091	.15643	.00124	-.00182
#2	-.00102	.00099	.00076	-.00023	-.00124	.10759	.00117	.00770
#3	-.00019	-.00021	.02136	.00040	-.00108	.07916	.00057	.01204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00149	.01265	.00121	.00217	.00206	-.0020	.00013	3.0403
Stddev	.00267	.00276	.00024	.00384	.00271	.0023	.00021	.2314
%RSD	179.28	21.788	19.950	176.79	131.71	119.2	161.26	7.6118

#1	.00375	.01297	.00105	.00544	.00483	-.0043	.00035	3.2498
#2	-.00145	.01523	.00110	.00313	.00195	.0004	-.00006	3.0793
#3	.00217	.00974	.00149	-.00206	-.00059	-.0019	.00010	2.7919

Sample Name: CCB04 Acquired: 6/24/2019 17:40:56 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.77788
Stddev	.09473
%RSD	12.178

#1	.66941
#2	.84437
#3	.81986

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.6	23438.	1970.9	33.624	2136.7
Stddev	8.2	22.	66.9	2.005	12.7
%RSD	.44386	.09567	3.3960	5.9638	.59603

#1	1851.9	23413.	1981.2	33.255	2133.2
#2	1862.6	23456.	1899.4	31.830	2150.8
#3	1846.4	23445.	2032.0	35.789	2126.1

Sample Name: K3470-02 Acquired: 6/24/2019 17:45:24 Type: Unk
Method: P4-ICP2(v3227) 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	.02053	.00156	.37525	.00800	.00514	141.31	1.4004	.01003
Stddev	.00373	.00153	.00088	.00316	.00232	.36	.0066	.00017
%RSD	18.147	97.652	.23582	39.510	45.196	.25663	.47038	1.7129

#1	.02196	.00332	.37571	.00616	.00261	140.94	1.3996	.01022
#2	.02333	.00076	.37423	.01165	.00718	141.34	1.3942	.00989
#3	.01630	.00061	.37582	.00618	.00562	141.67	1.4073	.00997

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	62.378	.17413	.14235	.44668	202.45	4.6276	62.324
Stddev	.00013	.112	.00099	.00030	.00057	.50	.0062	.188
%RSD	6.7866	.18002	.57040	.21025	.12765	.24741	.13445	.30096

#1	-.00174	62.250	.17333	.14233	.44602	201.92	4.6332	62.367
#2	-.00199	62.461	.17381	.14206	.44703	202.52	4.6209	62.118
#3	-.00191	62.423	.17524	.14265	.44698	202.91	4.6287	62.486

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26865	-.01687	5.2927	.32365	.94694	13.741	.00235	.00713
Stddev	.00044	.00061	.0325	.00199	.00127	.089	.00036	.00636
%RSD	.16451	3.5904	.61488	.61632	.13407	.64956	15.196	89.207

#1	.26916	-.01734	5.2988	.32279	.94663	13.692	.00227	.00139
#2	.26843	-.01619	5.2575	.32224	.94586	13.687	.00273	.00602
#3	.26836	-.01709	5.3217	.32593	.94834	13.844	.00203	.01396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6769	9.4549	.08930	2.3941	.29610	5.343	.06205	<.00000
Stddev	.0096	.0739	.00162	.0170	.00424	.014	.00162	.14169
%RSD	.57257	.78189	1.8174	.71145	1.4315	.2676	2.6170	2.2835

#1	1.6861	9.4959	.09008	2.3774	.29121	5.356	.06019	-6.2521
#2	1.6778	9.4993	.08743	2.3934	.29866	5.345	.06275	-6.0455
#3	1.6670	9.3696	.09038	2.4114	.29844	5.328	.06320	-6.3168

Sample Name: K3470-02 Acquired: 6/24/2019 17:45:24 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 60.190
 Stddev .562
 %RSD .93429

#1 59.696
 #2 60.072
 #3 60.802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.1	27807.	2446.4	32.214	1871.6
Stddev	7.0	113.	13.6	1.263	3.0
%RSD	.31542	.40649	.55470	3.9192	.15763

#1	2221.8	27677.	2438.1	32.017	1874.0
#2	2212.2	27872.	2439.0	31.062	1872.6
#3	2208.3	27873.	2462.1	33.564	1868.3

Sample Name: K3470-06 Acquired: 6/24/2019 17:49:52 Type: Unk
Method: P4-ICP2(v3227) 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	.01292	-.00032	.16832	.00961	.00472	144.85	1.0340	.01178
Stddev	.00241	.00151	.00130	.00108	.00139	.62	.0092	.00025
%RSD	18.651	476.61	.76961	11.290	29.470	.42987	.88605	2.1170

#1	.01253	-.00003	.16702	.01079	.00515	144.22	1.0235	.01191
#2	.01073	.00103	.16833	.00937	.00585	144.87	1.0408	.01194
#3	.01550	-.00195	.16961	.00866	.00317	145.46	1.0376	.01150

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	21.212	.19242	.16124	.43757	236.37	7.4777	64.285
Stddev	.00011	.063	.00088	.00077	.00157	.52	.0438	.393
%RSD	15.656	.29859	.45796	.47938	.35970	.22119	.58604	.61103

#1	-.00075	21.165	.19146	.16094	.43579	236.90	7.4345	63.868
#2	-.00076	21.187	.19259	.16212	.43818	235.86	7.4764	64.340
#3	-.00057	21.284	.19320	.16067	.43875	236.34	7.5222	64.648

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31239	-.02180	4.7120	.28092	.81055	17.942	.00236	-.02204
Stddev	.00117	.00026	.0361	.00108	.00124	.087	.00015	.02469
%RSD	.37570	1.1888	.76609	.38491	.15350	.48428	6.5548	112.03

#1	.31322	-.02150	4.6707	.27996	.80911	17.844	.00247	-.00419
#2	.31104	-.02195	4.7379	.28209	.81131	17.975	.00244	-.05022
#3	.31290	-.02195	4.7273	.28072	.81123	18.008	.00219	-.01171

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67350	3.2510	.01826	2.9094	.31817	7.076	-.13035	<.00000
Stddev	.00408	.0192	.00025	.0182	.00078	.020	.00041	.21595
%RSD	.60536	.59141	1.3672	.62674	.24554	.2794	.31616	2.0704

#1	.67349	3.2727	.01855	2.9085	.31741	7.091	-.13075	-10.270
#2	.66943	3.2439	.01814	2.8916	.31813	7.082	-.12992	-10.345
#3	.67758	3.2362	.01810	2.9280	.31897	7.053	-.13037	-10.676

Sample Name: K3470-06 Acquired: 6/24/2019 17:49:52 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 72.526
 Stddev .053
 %RSD .07257

#1 72.531
 #2 72.575
 #3 72.471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.7	29474.	2604.8	32.602	1873.4
Stddev	11.3	48.	7.4	1.304	4.3
%RSD	.47883	.16345	.28579	3.9986	.23080

#1	2368.3	29520.	2596.6	31.101	1878.2
#2	2352.2	29477.	2611.2	33.260	1869.8
#3	2346.6	29424.	2606.6	33.446	1872.3

Sample Name: K3470-10 Acquired: 6/24/2019 17:54:28 Type: Unk
Method: P4-ICP2(v3227) 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	.01402	.00084	.15071	.01502	.00572	129.70	.92672	.01066
Stddev	.00242	.00212	.00180	.00223	.00280	.36	.00273	.00020
%RSD	17.248	251.48	1.1956	14.811	48.943	.27658	.29471	1.8543

#1	.01497	.00289	.15122	.01328	.00384	129.63	.92390	.01052
#2	.01127	.00098	.15220	.01426	.00894	129.39	.92691	.01058
#3	.01581	-.00134	.14871	.01753	.00439	130.09	.92935	.01089

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	28.166	.18568	.15036	.41433	227.01	6.6654	63.011
Stddev	.00012	.142	.00029	.00022	.00179	.86	.0346	.075
%RSD	3.8967	.50370	.15356	.14314	.43227	.37666	.51908	.11900

#1	-.00302	28.023	.18594	.15048	.41283	226.03	6.6277	62.925
#2	-.00302	28.306	.18538	.15011	.41631	227.41	6.6729	63.065
#3	-.00323	28.169	.18574	.15048	.41383	227.59	6.6957	63.043

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28593	-.02075	4.1956	.28390	.71747	15.687	.00269	-.01345
Stddev	.00177	.00054	.0172	.00140	.00217	.038	.00029	.01601
%RSD	.61789	2.5790	.41010	.49333	.30248	.24311	10.709	119.06

#1	.28449	-.02087	4.1815	.28534	.71585	15.650	.00240	-.02797
#2	.28790	-.02121	4.2148	.28254	.71993	15.726	.00298	.00372
#3	.28541	-.02016	4.1905	.28383	.71663	15.685	.00271	-.01609

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63957	4.0375	.01687	3.1783	.29576	5.554	-.11066	<.00000
Stddev	.00429	.0077	.00161	.0174	.00146	.009	.00039	.35780
%RSD	.67121	.19186	9.5486	.54701	.49466	.1528	.35643	4.6193

#1	.64413	4.0291	.01808	3.1584	.29491	5.550	-.11029	-7.6329
#2	.63897	4.0389	.01504	3.1861	.29493	5.548	-.11107	-8.1463
#3	.63561	4.0444	.01748	3.1904	.29745	5.563	-.11061	-7.4578

Sample Name: K3470-10 Acquired: 6/24/2019 17:54:28 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 66.735
 Stddev .853
 %RSD 1.2782

#1 66.028
 #2 66.494
 #3 67.683

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.8	27979.	2431.8	31.827	1894.9
Stddev	6.6	40.	4.6	.667	4.6
%RSD	.29305	.14454	.19023	2.0957	.24249

#1	2243.8	27975.	2437.1	32.597	1900.0
#2	2230.9	28022.	2429.1	31.411	1891.1
#3	2235.7	27941.	2429.2	31.475	1893.5

Sample Name: K3472-03 Acquired: 6/24/2019 17:59:03 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12245	.00419	.23108	-.00533	.01072	282.33	.68618	.02076
Stddev	.00175	.00113	.00282	.00464	.00200	1.48	.00592	.00032
%RSD	1.4310	26.875	1.2208	87.131	18.649	.52594	.86254	1.5610
#1	.12071	.00336	.23363	-.00197	.01293	281.26	.68189	.02103
#2	.12421	.00547	.23155	-.01063	.00904	281.71	.68372	.02084
#3	.12243	.00373	.22805	-.00340	.01018	284.03	.69293	.02040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00820	5.7166	.50001	.14622	.48361	407.44	1.6541	66.799
Stddev	.00026	.0684	.00206	.00085	.00087	1.81	.0012	.547
%RSD	3.2114	1.1975	.41126	.58110	.18032	.44531	.07145	.81944
#1	.00805	5.7284	.49892	.14576	.48268	407.84	1.6553	66.544
#2	.00850	5.7784	.49873	.14720	.48374	405.46	1.6529	66.425
#3	.00803	5.6431	.50238	.14570	.48441	409.02	1.6543	67.427
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25250	-.05231	1.6713	.76432	.78357	11.728	.01057	-.23923
Stddev	.00174	.00039	.0226	.00099	.00163	.076	.00029	.01545
%RSD	.68847	.74830	1.3508	.12923	.20854	.64438	2.7859	6.4576
#1	.25264	-.05238	1.6589	.76387	.78391	11.649	.01064	-.22419
#2	.25417	-.05265	1.6577	.76363	.78500	11.735	.01025	-.23845
#3	.25070	-.05188	1.6974	.76545	.78179	11.800	.01083	-.25506
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4626	3.0139	.03684	3.4639	.28493	4.593	-.31480	<.00000
Stddev	.0048	.0679	.00142	.0067	.00295	.006	.00214	.28307
%RSD	.32892	2.2537	3.8665	.19500	1.0347	.1232	.68086	1.5754
#1	1.4598	2.9610	.03568	3.4676	.28693	4.587	-.31487	-17.641
#2	1.4598	3.0905	.03843	3.4679	.28631	4.598	-.31263	-18.128
#3	1.4681	2.9902	.03640	3.4561	.28154	4.595	-.31691	-18.135

Sample Name: K3472-03 Acquired: 6/24/2019 17:59:03 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 131.40
 Stddev .85
 %RSD .65041

#1 132.38
 #2 131.06
 #3 130.77

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.9	30226.	2680.7	32.978	1793.5
Stddev	1.7	116.	33.4	.974	3.3
%RSD	.06918	.38533	1.2446	2.9548	.18356

#1	2437.9	30235.	2657.0	32.636	1793.0
#2	2435.0	30338.	2666.3	32.220	1790.5
#3	2434.9	30106.	2718.8	34.077	1797.0

Sample Name: K3472-04 Acquired: 6/24/2019 18:03:28 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11943	.01172	.21279	-.00024	.01239	297.83	.59581	.02057
Stddev	.00339	.00499	.00305	.00600	.00142	1.59	.00156	.00048
%RSD	2.8363	42.583	1.4352	2529.1	11.492	.53498	.26186	2.3235
#1	.11565	.01747	.21276	-.00386	.01336	299.44	.59434	.02070
#2	.12047	.00859	.21585	.00668	.01305	296.26	.59562	.02004
#3	.12218	.00909	.20974	-.00353	.01075	297.78	.59745	.02097
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00297	3.1664	.55714	.19679	.37505	435.09	4.7875	91.552
Stddev	.00014	.0941	.00153	.00056	.00144	2.22	.0079	.177
%RSD	4.8796	2.9716	.27537	.28619	.38393	.50998	.16411	.19333
#1	-.00300	3.2750	.55543	.19614	.37661	432.58	4.7790	91.361
#2	-.00281	3.1127	.55839	.19713	.37475	436.78	4.7889	91.585
#3	-.00309	3.1114	.55762	.19709	.37378	435.91	4.7945	91.710
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33112	-.04833	1.3843	1.0141	.86722	19.264	.00610	-.19925
Stddev	.00172	.00069	.0093	.0031	.00248	.048	.00047	.02247
%RSD	.51890	1.4213	.67014	.30425	.28614	.24703	7.7142	11.278
#1	.32918	-.04777	1.3857	1.0117	.86711	19.317	.00660	-.18485
#2	.33245	-.04812	1.3929	1.0130	.86976	19.250	.00567	-.18776
#3	.33172	-.04910	1.3745	1.0176	.86480	19.225	.00602	-.22514
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8384	F 11.092	.03342	4.0179	.42063	4.960	-.39760	<.00000
Stddev	.0094	.295	.00050	.0797	.00891	.017	.00401	.33382
%RSD	.51071	2.6569	1.4974	1.9832	2.1173	.3411	1.0077	3.9281
#1	1.8286	11.431	.03289	4.1093	.43039	4.971	-.39299	-8.3781
#2	1.8473	10.949	.03349	3.9630	.41294	4.969	-.40029	-8.2412
#3	1.8392	10.896	.03388	3.9813	.41858	4.941	-.39951	-8.8756

Sample Name: K3472-04 Acquired: 6/24/2019 18:03:28 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 113.66
Stddev	.72
%RSD	.63280

#1	114.41
#2	112.97
#3	113.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.2	25223.	2274.1	33.063	1804.2
Stddev	1.7	26.	43.2	1.688	2.8
%RSD	.08294	.10390	1.9008	5.1059	.15722

#1	2033.2	25216.	2224.8	31.285	1804.4
#2	2036.1	25200.	2292.1	34.644	1801.3
#3	2033.3	25251.	2305.5	33.259	1806.9

Sample Name: K3472-05 Acquired: 6/24/2019 18:07:53 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08556	-.00062	.18397	-.00287	.01106	306.69	.66817	.01875
Stddev	.00135	.00185	.00309	.00324	.00294	1.25	.00268	.00026
%RSD	1.5793	300.80	1.6798	112.82	26.557	.40871	.40056	1.3943
#1	.08494	.00001	.18231	-.00224	.00995	306.02	.66651	.01880
#2	.08711	.00085	.18206	.00001	.01439	305.91	.66675	.01847
#3	.08463	-.00270	.18753	-.00637	.00884	308.13	.67126	.01899
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00035	7.5045	.57304	.16244	.42315	386.01	2.7048	107.44
Stddev	.00044	.0836	.00184	.00014	.00029	2.10	.0022	1.06
%RSD	124.74	1.1144	.32074	.08360	.06959	.54373	.08094	.98527
#1	.00034	7.5480	.57456	.16237	.42295	388.39	2.7060	107.54
#2	.00080	7.4081	.57100	.16259	.42300	384.42	2.7023	106.34
#3	-.00008	7.5574	.57356	.16234	.42349	385.21	2.7062	108.45
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34693	-.04519	1.9820	.72424	.91306	35.706	.00329	-.17185
Stddev	.00127	.00086	.0140	.00427	.00524	.208	.00067	.03730
%RSD	.36557	1.9038	.70510	.58965	.57430	.58232	20.430	21.704
#1	.34837	-.04526	1.9742	.72751	.90705	35.707	.00323	-.12965
#2	.34643	-.04430	1.9737	.71941	.91545	35.498	.00398	-.18550
#3	.34599	-.04601	1.9981	.72581	.91669	35.914	.00264	-.20041
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85786	4.1931	.03943	6.4337	.29823	2.711	-.31351	<.00000
Stddev	.00135	.0641	.00022	.0406	.00166	.011	.00196	.29432
%RSD	.15769	1.5290	.56781	.63113	.55553	.3999	.62369	2.7208
#1	.85658	4.1205	.03933	6.4355	.29712	2.711	-.31572	-10.966
#2	.85928	4.2169	.03926	6.3923	.29743	2.701	-.31281	-11.008
#3	.85772	4.2419	.03968	6.4734	.30014	2.722	-.31201	-10.478

Sample Name: K3472-05 Acquired: 6/24/2019 18:07:53 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 108.38
 Stddev .36
 %RSD .32824

#1 108.22
 #2 108.79
 #3 108.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.3	27344.	2434.2	31.912	1788.9
Stddev	11.9	114.	20.0	.707	10.9
%RSD	.53621	.41689	.82112	2.2148	.61189

#1	2225.9	27271.	2416.2	31.129	1801.6
#2	2203.9	27475.	2455.7	32.503	1782.8
#3	2207.2	27286.	2430.6	32.105	1782.5

Sample Name: K3482-01 Acquired: 6/24/2019 18:12:19 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04621	.00294	2.8718	.00817	.00371	145.46	.98300	.00910
Stddev	.00393	.00062	.0083	.00241	.00016	.73	.00564	.00039
%RSD	8.5123	21.045	.28882	29.481	4.3632	.50394	.57371	4.2896

#1	.04207	.00349	2.8698	.00892	.00353	145.69	.98182	.00916
#2	.04665	.00227	2.8646	.00548	.00376	146.05	.98913	.00946
#3	.04990	.00305	2.8809	.01012	.00384	144.64	.97804	.00868

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00264	278.53	.17143	.10665	1.2624	216.46	4.5045	47.934
Stddev	.00018	12.44	.00063	.00066	.0029	.68	.0022	.281
%RSD	6.7455	4.4674	.36622	.61462	.22847	.31572	.04956	.58623

#1	.00263	273.33	.17099	.10637	1.2609	216.82	4.5063	47.708
#2	.00247	292.73	.17115	.10618	1.2658	216.89	4.5020	48.248
#3	.00282	269.54	.17215	.10740	1.2607	215.67	4.5052	47.846

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22212	-.02048	3.3440	.34939	1.7537	7.0784	.00404	-.06887
Stddev	.00052	.00034	.0114	.00187	.0038	.0442	.00037	.02006
%RSD	.23248	1.6831	.34135	.53582	.21839	.62408	9.1239	29.121

#1	.22199	-.02009	3.3370	.34723	1.7569	7.0722	.00371	-.06525
#2	.22167	-.02062	3.3572	.35040	1.7494	7.1254	.00399	-.09050
#3	.22268	-.02074	3.3379	.35054	1.7547	7.0377	.00444	-.05088

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7735	3.5020	.15507	2.7330	.16600	7.155	2.0910	<.00000
Stddev	.0110	.1588	.00181	.1105	.00893	.022	.0998	.22962
%RSD	.19017	4.5342	1.1687	4.0423	5.3815	.3083	4.7737	4.5845

#1	5.7769	3.5459	.15708	2.6949	.16202	7.170	2.0526	-5.2110
#2	5.7612	3.6343	.15356	2.8575	.17623	7.130	2.2044	-4.7591
#3	5.7823	3.3259	.15457	2.6466	.15975	7.165	2.0162	-5.0555

Sample Name: K3482-01 Acquired: 6/24/2019 18:12:19 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 65.925
 Stddev .562
 %RSD .85253

#1 65.312
 #2 66.047
 #3 66.416

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.5	27263.	2391.5	31.595	1816.6
Stddev	6.5	54.	91.7	1.591	1.7
%RSD	.29992	.19926	3.8334	5.0368	.09139

#1	2174.2	27209.	2424.6	31.392	1814.8
#2	2168.1	27262.	2287.8	30.115	1816.8
#3	2181.2	27318.	2462.0	33.278	1818.1

Sample Name: K3482-03 Acquired: 6/24/2019 18:16:43 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03708	.00371	.72529	.00904	.00178	81.862	.78728	.00607
Stddev	.00188	.00181	.00189	.00628	.00227	.303	.00277	.00014
%RSD	5.0716	48.763	.26060	69.466	127.15	.36966	.35195	2.3185

#1	.03922	.00497	.72444	.00352	.00379	81.514	.78421	.00616
#2	.03570	.00453	.72398	.01587	.00224	82.067	.78960	.00615
#3	.03633	.00164	.72746	.00773	-.00068	82.004	.78802	.00591

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	15.037	.10567	.07086	.18185	150.21	4.0712	20.896
Stddev	.00005	.039	.00092	.00021	.00080	.40	.0076	.117
%RSD	1.4857	.25802	.86798	.29773	.43838	.26901	.18784	.56227

#1	-.00351	15.081	.10672	.07065	.18123	150.34	4.0742	20.782
#2	-.00342	15.016	.10508	.07107	.18275	150.54	4.0625	21.016
#3	-.00344	15.012	.10519	.07085	.18158	149.76	4.0769	20.891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12278	-.01162	.82204	.19355	.58608	6.0593	.00318	-.02024
Stddev	.00117	.00067	.01382	.00114	.00152	.0524	.00024	.01476
%RSD	.94966	5.8030	1.6816	.59137	.25967	.86489	7.4558	72.932

#1	.12226	-.01199	.80764	.19434	.58771	6.0001	.00339	-.00390
#2	.12197	-.01084	.83520	.19407	.58470	6.0996	.00324	-.02422
#3	.12412	-.01203	.82329	.19223	.58584	6.0784	.00292	-.03261

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35002	4.1639	.07488	1.3935	.10592	5.780	.03724	<.00000
Stddev	.00037	.0641	.00060	.0080	.00229	.008	.00048	.32233
%RSD	.10685	1.5390	.79902	.57126	2.1629	.1315	1.2798	8.2613

#1	.35017	4.2325	.07530	1.4020	.10851	5.784	.03733	-4.1227
#2	.34960	4.1056	.07514	1.3925	.10415	5.785	.03673	-4.0504
#3	.35030	4.1537	.07419	1.3861	.10509	5.771	.03767	-3.5318

Sample Name: K3482-03 Acquired: 6/24/2019 18:16:43 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 44.254
 Stddev .755
 %RSD 1.7057

#1 44.468
 #2 44.878
 #3 43.415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.6	26994.	2316.2	33.186	2004.5
Stddev	4.1	68.	18.0	1.078	1.9
%RSD	.19145	.25307	.77754	3.2494	.09480

#1	2157.6	26929.	2295.5	31.941	2002.7
#2	2153.8	26987.	2326.5	33.809	2006.5
#3	2149.4	27065.	2326.7	33.808	2004.3

Sample Name: K3482-05 Acquired: 6/24/2019 18:21:05 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01361	.00007	.07949	.01212	.00051	60.419	.29463	.00590
Stddev	.00128	.00139	.00218	.00718	.00203	.192	.00143	.00007
%RSD	9.4306	1995.5	2.7414	59.242	401.49	.31750	.48437	1.2294
#1	.01503	-.00037	.07707	.01451	.00109	60.219	.29508	.00587
#2	.01253	-.00105	.08009	.00405	.00218	60.437	.29303	.00586
#3	.01326	.00163	.08130	.01781	-.00176	60.602	.29577	.00599
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00360	31.296	.13151	.07905	.14077	170.45	2.7787	24.503
Stddev	.00018	.180	.00050	.00033	.00040	.62	.0113	.044
%RSD	5.0658	.57511	.37962	.41635	.28681	.36437	.40819	.18136
#1	-.00371	31.249	.13171	.07893	.14076	171.03	2.7874	24.477
#2	-.00339	31.145	.13094	.07880	.14038	169.80	2.7659	24.477
#3	-.00370	31.495	.13188	.07943	.14118	170.52	2.7829	24.554
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12888	-.01362	1.0625	.21151	.47713	7.3583	.00110	-.02502
Stddev	.00098	.00019	.0190	.00099	.00070	.0393	.00034	.00489
%RSD	.75840	1.3921	1.7898	.46917	.14632	.53415	31.147	19.535
#1	.12903	-.01340	1.0842	.21136	.47704	7.3892	.00085	-.03066
#2	.12978	-.01371	1.0547	.21061	.47787	7.3140	.00096	-.02230
#3	.12784	-.01375	1.0486	.21258	.47648	7.3716	.00149	-.02210
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 61.284	4.5000	-.01191	1.7993	.10798	6.614	-.00617	<.00000
Stddev	.161	.0477	.00135	.0095	.00107	.010	.00040	.02609
%RSD	.26305	1.0608	11.294	.52659	.99449	.1541	6.4075	.39646
#1	61.452	4.5273	-.01120	1.8070	.10894	6.625	-.00657	-6.5562
#2	61.130	4.4449	-.01107	1.8021	.10682	6.613	-.00578	-6.5762
#3	61.271	4.5279	-.01346	1.7887	.10819	6.605	-.00615	-6.6079

Sample Name: K3482-05 Acquired: 6/24/2019 18:21:05 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	50.939
Stddev	.323
%RSD	.63451

#1	51.027
#2	50.581
#3	51.209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.4	28187.	2423.5	33.877	1985.0
Stddev	6.2	74.	12.4	.900	3.7
%RSD	.27867	.26209	.51272	2.6559	.18874

#1	2233.5	28109.	2410.8	34.821	1987.4
#2	2241.0	28256.	2435.6	33.782	1986.9
#3	2228.6	28197.	2424.3	33.029	1980.7

Sample Name: K3482-07 Acquired: 6/24/2019 18:25:27 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6498	.00334	6.7356	.00409	.00798	86.631	2.0049	.00733
Stddev	.0044	.00279	.0142	.00622	.00257	.758	.0075	.00029
%RSD	.26850	83.471	.21148	152.20	32.152	.87443	.37203	3.9697

#1	1.6464	.00039	6.7328	.00781	.00906	86.008	1.9974	.00763
#2	1.6482	.00370	6.7510	.00755	.00983	86.411	2.0049	.00705
#3	1.6548	.00593	6.7230	-.00310	.00505	87.474	2.0123	.00732

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00964	635.68	.13450	.09312	3.0408	249.67	3.9820	69.413
Stddev	.00027	5.61	.00026	.00043	.0045	.92	.0070	.355
%RSD	2.8304	.88321	.19438	.46284	.14642	.36693	.17664	.51109

#1	.00944	636.44	.13422	.09276	3.0459	249.13	3.9869	69.219
#2	.00995	629.73	.13455	.09360	3.0377	249.15	3.9740	69.197
#3	.00953	640.88	.13474	.09300	3.0389	250.73	3.9853	69.822

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19286	-.02504	4.7695	.29296	9.3279	5.5636	.01034	-.06436
Stddev	.00096	.00031	.0161	.00141	.0170	.0180	.00046	.02166
%RSD	.49530	1.2431	.33742	.48138	.18254	.32407	4.4930	33.660

#1	.19247	-.02476	4.7544	.29450	9.3336	5.5538	.01086	-.05260
#2	.19395	-.02538	4.7676	.29174	9.3413	5.5525	.00997	-.08936
#3	.19216	-.02498	4.7864	.29265	9.3088	5.5844	.01018	-.05112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0491	1.8305	.17576	3.1071	.15470	5.996	1.8543	<.00000
Stddev	.0172	.0031	.00093	.0283	.00088	.017	.0186	.32542
%RSD	.42567	.17017	.52652	.91037	.57184	.2829	1.0043	48.543

#1	4.0296	1.8289	.17674	3.1227	.15369	5.993	1.8566	-.35584
#2	4.0624	1.8286	.17564	3.0745	.15507	6.014	1.8346	-1.0057
#3	4.0552	1.8341	.17490	3.1242	.15534	5.980	1.8717	-.64961

Sample Name: K3482-07 Acquired: 6/24/2019 18:25:27 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	71.735
Stddev	.436
%RSD	.60750

#1	72.220
#2	71.376
#3	71.609

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.3	24623.	2224.3	31.632	1718.1
Stddev	5.5	106.	25.3	.344	4.6
%RSD	.28355	.42935	1.1368	1.0882	.26594

#1	1934.0	24617.	2208.5	31.578	1714.6
#2	1943.7	24732.	2253.5	32.000	1716.4
#3	1943.3	24520.	2210.9	31.319	1723.3

Sample Name: CCV05 Acquired: 6/24/2019 18:29:45 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1650	5.1961	5.1013	5.1951	5.0991	9.9694	10.266	.25994
Stddev	.0167	.0071	.0056	.0090	.0064	.0529	.039	.00122
%RSD	.32360	.13596	.11044	.17285	.12501	.53016	.38019	.46784
#1	5.1552	5.1885	5.0956	5.2045	5.1063	10.028	10.310	.26133
#2	5.1843	5.1974	5.1069	5.1943	5.0970	9.9561	10.256	.25939
#3	5.1555	5.2024	5.1012	5.1866	5.0940	9.9244	10.234	.25909
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5475	25.721	1.0349	2.5369	1.2859	5.2731	2.5809	25.254
Stddev	.0043	.119	.0063	.0022	.0033	.0356	.0157	.178
%RSD	.16956	.46397	.60714	.08795	.25536	.67566	.60872	.70584
#1	2.5440	25.585	1.0416	2.5360	1.2887	5.3142	2.5989	25.343
#2	2.5523	25.772	1.0292	2.5395	1.2823	5.2509	2.5696	25.370
#3	2.5462	25.807	1.0339	2.5353	1.2867	5.2542	2.5743	25.049
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5659	1.2891	25.144	2.6003	2.5276	25.354	5.2035	5.1057
Stddev	.0080	.0057	.133	.0164	.0054	.114	.0028	.0521
%RSD	.30977	.44576	.53084	.62897	.21419	.45003	.05467	1.0206
#1	2.5568	1.2957	25.278	2.6192	2.5248	25.478	5.2063	5.1251
#2	2.5695	1.2851	25.011	2.5901	2.5338	25.253	5.2035	5.1453
#3	2.5715	1.2865	25.141	2.5916	2.5241	25.332	5.2006	5.0466
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1818	5.0214	5.2067	5.1331	5.0389	5.312	5.4946	4.8292
Stddev	.0116	.0480	.0066	.0404	.0340	.005	.0464	.5602
%RSD	.22437	.95488	.12624	.78696	.67389	.0984	.84490	11.600
#1	5.1747	4.9877	5.2030	5.0872	5.0176	5.313	5.4542	5.4761
#2	5.1755	5.0002	5.2028	5.1489	5.0210	5.317	5.4842	4.5017
#3	5.1952	5.0763	5.2143	5.1632	5.0780	5.307	5.5453	4.5100

Sample Name: CCV05 Acquired: 6/24/2019 18:29:45 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7115
Stddev	.6359
%RSD	23.451

#1	1.9773
#2	3.0866
#3	3.0707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.3	22553.	1959.5	31.823	1914.6
Stddev	2.7	167.	11.7	1.685	3.1
%RSD	.15318	.74123	.59714	5.2952	.16437

#1	1784.2	22361.	1964.3	29.935	1916.4
#2	1785.4	22641.	1968.1	33.173	1911.0
#3	1789.4	22659.	1946.2	32.362	1916.4

Sample Name: CCB05 Acquired: 6/24/2019 18:33:42 Type: Unk
Method: P4-ICP2(v3227) 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	.00047	.00189	.00454	-.00001	-.00458	.00192	-.00000
Stddev	.00271	.00027	.00136	.00304	.00058	.01474	.00037	.00010
%RSD	146.56	56.645	71.837	66.940	5713.4	321.80	19.341	77780.
#1	-.00360	.00017	.00244	.00210	.00055	.01059	.00207	.00011
#2	-.00322	.00069	.00289	.00357	-.00061	-.01884	.00150	-.00002
#3	.00127	.00055	.00034	.00794	.00003	-.00550	.00219	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	.00945	-.00019	-.00017	.00029	.00317	-.00014	.00921
Stddev	.00009	.00927	.00062	.00015	.00055	.00097	.00003	.05240
%RSD	89.046	98.089	321.65	90.615	190.48	30.605	22.274	569.11
#1	-.00000	.01510	.00010	-.00027	.00054	.00328	-.00011	-.01025
#2	-.00012	.01451	.00022	-.00025	-.00034	.00215	-.00017	-.03068
#3	-.00018	-.00125	-.00090	.00001	.00067	.00409	-.00015	.06855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00092	.00032	-.05103	-.00009	-.00110	.09171	.00085	.00689
Stddev	.00028	.00030	.01055	.00035	.00011	.02759	.00046	.01786
%RSD	30.514	95.839	20.678	379.10	9.5964	30.085	53.945	259.24
#1	-.00074	.00011	-.04597	-.00006	-.00119	.11496	.00137	.02092
#2	-.00124	.00067	-.06316	.00024	-.00098	.06122	.00064	-.01321
#3	-.00078	.00017	-.04397	-.00046	-.00113	.09895	.00053	.01296
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.01332	.00113	.00220	.00239	-.0011	.00044	F 3.1790
Stddev	.00398	.00192	.00068	.00133	.00184	.0029	.00017	.3390
%RSD	254.61	14.416	60.208	60.684	77.041	263.3	37.627	10.663
#1	.00189	.01267	.00067	.00311	.00029	-.0035	.00063	2.8517
#2	-.00591	.01549	.00191	.00067	.00375	.0022	.00035	3.5286
#3	-.00067	.01182	.00081	.00282	.00313	-.0020	.00034	3.1566

Sample Name: CCB05 Acquired: 6/24/2019 18:33:42 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .63101
Stddev .45768
%RSD 72.530

#1 1.1370
#2 .51021
#3 .24586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.2	23107.	1968.9	33.388	2115.8
Stddev	5.2	49.	47.7	2.452	3.7
%RSD	.28109	.21013	2.4230	7.3451	.17587

#1	1828.4	23090.	2024.0	36.111	2111.6
#2	1838.4	23162.	1942.0	32.698	2117.5
#3	1835.6	23070.	1940.8	31.355	2118.4

Sample Name: K3487-01 Acquired: 6/24/2019 18:38:11 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-048 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05678	.00876	.09496	.01355	.00054	90.997	.17645	.00509
Stddev	.00274	.00082	.00149	.00417	.00161	.499	.00136	.00005
%RSD	4.8174	9.4150	1.5715	30.745	296.21	.54844	.76807	.99113

#1	.05418	.00909	.09660	.00963	-.00060	90.687	.17551	.00504
#2	.05652	.00782	.09367	.01792	.00239	90.731	.17583	.00510
#3	.05963	.00937	.09462	.01309	-.00016	91.572	.17800	.00514

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00545	22.319	.26785	.01750	.12826	194.07	.96348	6.4020
Stddev	.00016	.138	.00134	.00009	.00074	.45	.00101	.1079
%RSD	3.0076	.61991	.50094	.52143	.57581	.22957	.10444	1.6846

#1	-.00563	22.281	.26675	.01744	.12900	193.55	.96265	6.2848
#2	-.00530	22.204	.26934	.01745	.12752	194.31	.96318	6.4241
#3	-.00541	22.472	.26746	.01761	.12825	194.34	.96460	6.4971

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01950	-.01434	.67285	.38853	.29913	5.3478	.00594	-.00656
Stddev	.00030	.00054	.01192	.00027	.00050	.0461	.00037	.01587
%RSD	1.5227	3.7850	1.7720	.06883	.16601	.86182	6.3081	241.82

#1	.01946	-.01491	.68034	.38857	.29858	5.2960	.00584	.00960
#2	.01923	-.01428	.67911	.38877	.29928	5.3630	.00635	-.02211
#3	.01982	-.01383	.65910	.38824	.29954	5.3844	.00562	-.00717

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6444	3.6318	.01201	.61883	.02577	3.442	-.09296	<.00000
Stddev	.0175	.0282	.00019	.00853	.00067	.002	.00079	.44256
%RSD	.37670	.77726	1.5450	1.3780	2.6054	.0690	.84740	13.083

#1	4.6496	3.6633	.01203	.61824	.02538	3.440	-.09220	-3.0233
#2	4.6586	3.6232	.01181	.62764	.02537	3.442	-.09377	-3.8771
#3	4.6248	3.6088	.01218	.61062	.02654	3.444	-.09292	-3.2479

Sample Name: K3487-01 Acquired: 6/24/2019 18:38:11 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-048 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 53.058
 Stddev .340
 %RSD .64040

#1 53.364
 #2 52.692
 #3 53.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.9	25937.	2219.4	33.464	1991.7
Stddev	5.6	31.	11.2	1.098	.6
%RSD	.26859	.12099	.50505	3.2810	.03258

#1	2062.4	25966.	2209.2	34.517	1991.6
#2	2067.9	25903.	2231.4	32.326	1992.5
#3	2073.5	25941.	2217.6	33.547	1991.2

Sample Name: K3493-01 Acquired: 6/24/2019 18:42:34 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390620142 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01493	.00540	.17311	.03341	.01210	14.097	2.9970	.00941
Stddev	.00312	.00174	.00116	.00225	.00219	.181	.0406	.00017
%RSD	20.904	32.255	.67033	6.7267	18.099	1.2844	1.3555	1.8250
#1	.01245	.00341	.17199	.03120	.01458	14.169	2.9961	.00932
#2	.01391	.00614	.17430	.03336	.01130	13.892	2.9569	.00929
#3	.01844	.00666	.17304	.03569	.01042	14.232	3.0381	.00960
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	108.27	.16689	.02369	2.3037	189.31	1.7783	10.633
Stddev	.00030	1.72	.00198	.00042	.0121	1.92	.0233	.256
%RSD	6.2368	1.5907	1.1862	1.7935	.52650	1.0130	1.3093	2.4107
#1	.00471	106.38	.16855	.02418	2.3088	190.01	1.7896	10.708
#2	.00506	109.75	.16470	.02346	2.2899	187.14	1.7515	10.347
#3	.00447	108.69	.16744	.02343	2.3125	190.78	1.7938	10.843
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09350	.03344	3.9052	.02982	8.5925	3.8139	.03320	.00499
Stddev	.00025	.00048	.0561	.00035	.0446	.0574	.00018	.02583
%RSD	.26528	1.4230	1.4361	1.1720	.51870	1.5051	.54788	517.74
#1	.09359	.03296	3.9072	.02949	8.6180	3.8507	.03325	.01712
#2	.09322	.03391	3.8482	.02979	8.5410	3.7478	.03335	-.02467
#3	.09369	.03346	3.9603	.03019	8.6185	3.8433	.03299	.02252
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 83.299	1.3477	.14899	.21558	.00710	F 112.9	.61831	<.00000
Stddev	.453	.0304	.00082	.00112	.00197	.7	.01594	.59014
%RSD	.54427	2.2564	.54885	.51764	27.753	.6208	2.5788	10.962
#1	83.650	1.3139	.14873	.21486	.00809	113.2	.60201	-4.7508
#2	82.787	1.3727	.14833	.21686	.00483	112.1	.63387	-5.9190
#3	83.459	1.3566	.14991	.21501	.00837	113.4	.61906	-5.4809

Sample Name: K3493-01 Acquired: 6/24/2019 18:42:34 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390620142 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	55.743
Stddev	.179
%RSD	.32059

#1	55.596
#2	55.942
#3	55.690

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.8	27203.	2347.4	33.228	1952.9
Stddev	7.6	261.	35.3	1.849	7.5
%RSD	.35625	.95929	1.5025	5.5656	.38506

#1	2135.3	27035.	2376.1	31.094	1947.3
#2	2150.2	27503.	2308.0	34.236	1961.4
#3	2140.0	27070.	2358.0	34.355	1950.0

Sample Name: K3459-03 Acquired: 6/24/2019 18:46:58 Type: Unk
Method: P4-ICP2(v3227) 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	-.00413	.00035	.00345	.00101	-.00280	.02324	.00299	.00011
Stddev	.00179	.00152	.00063	.00119	.00101	.01437	.00042	.00008
%RSD	43.337	432.81	18.213	117.06	36.167	61.819	14.061	72.368

#1	-.00424	.00168	.00414	.00234	-.00211	.00666	.00261	.00014
#2	-.00587	-.00131	.00327	.00064	-.00396	.03211	.00293	.00002
#3	-.00229	.00069	.00292	.00006	-.00233	.03095	.00344	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.24782	.00016	.00005	.06191	.03296	.00067	-.01970
Stddev	.00008	.00668	.00018	.00037	.00023	.00113	.00004	.03448
%RSD	25.491	2.6959	112.42	791.88	.37929	3.4145	6.4075	174.99

#1	.00027	.24891	.00014	-.00034	.06210	.03368	.00069	-.02732
#2	.00040	.25389	.00036	.00009	.06165	.03166	.00063	-.04973
#3	.00026	.24066	-.00001	.00039	.06197	.03354	.00071	.01795

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02164	.00005	.14835	-.00026	.07338	.05486	-.00003	.00073
Stddev	.00028	.00086	.00403	.00054	.00009	.02064	.00018	.01587
%RSD	1.2771	1566.3	2.7147	205.50	.11588	37.614	537.90	2161.0

#1	.02176	-.00023	.14393	.00022	.07330	.04607	.00018	.01906
#2	.02132	.00102	.15182	-.00016	.07338	.04008	-.00013	-.00822
#3	.02183	-.00063	.14928	-.00085	.07347	.07844	-.00015	-.00864

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02842	.16605	-.00030	.00286	.00044	.0048	.00078	1.2194
Stddev	.00314	.00581	.00060	.00205	.00194	.0029	.00013	.3692
%RSD	11.047	3.4998	201.75	71.913	437.72	60.21	16.964	30.274

#1	.02766	.16382	-.00079	.00076	.00268	.0074	.00063	1.4203
#2	.03186	.17265	-.00048	.00486	-.00074	.0053	.00083	1.4445
#3	.02572	.16169	.00037	.00295	-.00061	.0017	.00089	.79335

Sample Name: K3459-03 Acquired: 6/24/2019 18:46:58 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .79159
 Stddev .27811
 %RSD 35.133

#1 1.0437
 #2 .83777
 #3 .49328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.7	24500.	2019.4	33.524	2257.2
Stddev	7.5	89.	44.9	1.532	2.5
%RSD	.38622	.36466	2.2258	4.5710	.10985

#1	1939.9	24434.	2047.1	34.198	2254.8
#2	1937.0	24464.	1967.5	31.770	2257.0
#3	1951.2	24601.	2043.5	34.605	2259.8

Sample Name: K2012-01 Acquired: 6/24/2019 18:51:25 Type: Unk
Method: P4-ICP2(v3227) 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	-.00257	.00105	.00294	-.00037	-.00229	.04350	.02451	.00009
Stddev	.00164	.00082	.00037	.00333	.00061	.02279	.00061	.00011
%RSD	63.958	78.048	12.437	897.98	26.749	52.390	2.4860	131.64

#1	-.00438	.00034	.00256	-.00415	-.00165	.02954	.02420	.00004
#2	-.00214	.00086	.00329	.00092	-.00287	.06980	.02521	.00021
#3	-.00118	.00194	.00297	.00212	-.00235	.03117	.02412	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.38376	.00102	.00032	.03821	.03371	.01016	-.00559
Stddev	.00007	.01331	.00046	.00012	.00019	.00065	.00019	.03865
%RSD	31.003	3.4687	44.640	38.670	.48827	1.9340	1.8429	691.62

#1	.00016	.36859	.00114	.00034	.03815	.03427	.01036	-.04770
#2	.00029	.39347	.00052	.00042	.03843	.03300	.01014	.00265
#3	.00028	.38923	.00141	.00018	.03807	.03387	.00999	.02828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	.00028	.34613	-.00049	.08983	.22515	-.00003	-.01573
Stddev	.00047	.00053	.00695	.00021	.00024	.04096	.00006	.01190
%RSD	13.528	192.14	2.0067	43.485	.27255	18.190	234.43	75.654

#1	.00294	.00084	.34868	-.00034	.08989	.22747	-.00009	-.00265
#2	.00385	.00021	.33827	-.00073	.08955	.18308	-.00001	-.02591
#3	.00357	-.00022	.35144	-.00039	.09003	.26489	.00002	-.01863

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04012	.04976	-.00090	-.00050	.00124	.0057	.00223	1.6858
Stddev	.00378	.00323	.00060	.00207	.00014	.0012	.00013	.5354
%RSD	9.4144	6.4809	66.268	413.91	11.616	20.43	5.8018	31.761

#1	.03645	.04783	-.00128	.00034	.00117	.0050	.00213	2.3013
#2	.04400	.05349	-.00120	-.00286	.00140	.0071	.00238	1.3272
#3	.03990	.04798	-.00021	.00102	.00114	.0051	.00219	1.4290

Sample Name: K2012-01 Acquired: 6/24/2019 18:51:25 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .96000
 Stddev .44632
 %RSD 46.492

#1 1.0836
 #2 1.3315
 #3 .46491

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.0	24308.	2026.9	33.636	2269.1
Stddev	9.6	206.	6.8	.630	9.6
%RSD	.49311	.84625	.33498	1.8735	.42247

#1	1954.9	24072.	2030.7	33.784	2279.5
#2	1936.9	24452.	2019.1	32.945	2267.2
#3	1940.2	24399.	2030.9	34.180	2260.6

Sample Name: K2012-02 Acquired: 6/24/2019 18:55:51 Type: Unk
Method: P4-ICP2(v3227) 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	-.00198	.00113	.00199	.00242	-.00038	.04740	.02689	.00009
Stddev	.00243	.00036	.00188	.00231	.00122	.00960	.00048	.00002
%RSD	122.70	31.448	94.519	95.307	323.60	20.257	1.7909	28.851

#1	.00083	.00138	.00299	-.00019	-.00115	.03893	.02640	.00006
#2	-.00341	.00130	-.00018	.00328	.00103	.04544	.02736	.00008
#3	-.00337	.00072	.00315	.00419	-.00101	.05782	.02693	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.31633	.00126	.00040	.03503	.01305	.00948	.01893
Stddev	.00005	.02005	.00028	.00033	.00037	.00039	.00009	.03419
%RSD	32.304	6.3369	21.980	83.565	1.0422	2.9913	.98356	180.66

#1	.00015	.29701	.00130	.00072	.03463	.01350	.00941	.03531
#2	.00012	.31496	.00152	.00042	.03535	.01277	.00959	-.02037
#3	.00022	.33703	.00097	.00006	.03510	.01288	.00945	.04185

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00348	.00045	.11343	-.00027	.06985	.10030	-.00003	-.01897
Stddev	.00006	.00041	.01282	.00041	.00027	.01748	.00014	.01085
%RSD	1.6472	90.338	11.302	153.28	.39306	17.430	492.42	57.171

#1	.00354	.00023	.10615	.00021	.06989	.09462	-.00016	-.02706
#2	.00343	.00093	.10591	-.00049	.07009	.08636	-.00004	-.00665
#3	.00347	.00021	.12823	-.00053	.06955	.11991	.00011	-.02321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02500	.05670	-.00139	.00353	-.00021	.0008	.00213	1.5800
Stddev	.00591	.00104	.00047	.00132	.00306	.0017	.00005	.0187
%RSD	23.664	1.8425	33.570	37.409	1431.3	211.1	2.3993	1.1828

#1	.03108	.05789	-.00111	.00465	-.00350	.0027	.00218	1.5651
#2	.02464	.05624	-.00193	.00207	.00255	.0004	.00214	1.6010
#3	.01927	.05596	-.00113	.00387	.00031	-.0007	.00208	1.5740

Sample Name: K2012-02 Acquired: 6/24/2019 18:55:51 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0035
 Stddev .5583
 %RSD 55.641

#1 .58961
 #2 .78227
 #3 1.6385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.9	24523.	2026.9	34.616	2270.1
Stddev	1.3	60.	3.6	1.448	.9
%RSD	.06446	.24319	.17830	4.1823	.04024

#1	1951.5	24550.	2024.4	33.089	2269.0
#2	1949.5	24455.	2025.1	34.791	2270.5
#3	1951.8	24565.	2031.0	35.968	2270.7

Sample Name: K3482-02 Acquired: 6/24/2019 19:00:17 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00104	.01188	-.00033	-.00097	.16550	.10019	-.00002
Stddev	.00173	.00081	.00075	.00310	.00231	.01758	.00141	.00007
%RSD	1122.6	77.497	6.2823	947.19	237.38	10.623	1.4068	420.25

#1	.00052	-.00023	.01102	-.00069	-.00269	.16697	.10173	-.00002
#2	.00114	-.00184	.01224	-.00323	.00166	.18230	.09988	-.00009
#3	-.00212	-.00106	.01237	.00294	-.00189	.14723	.09896	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	167.30	.00045	-.00037	.00297	.02674	.05976	2.6457
Stddev	.00005	.72	.00037	.00035	.00043	.00123	.00008	.0770
%RSD	10.063	.42830	83.963	94.393	14.540	4.5807	.14058	2.9107

#1	-.00042	166.70	.00048	-.00076	.00291	.02564	.05986	2.7343
#2	-.00046	167.11	.00080	-.00011	.00343	.02653	.05970	2.5943
#3	-.00051	168.09	.00005	-.00023	.00258	.02806	.05973	2.6086

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	.00019	281.73	.00105	.01929	.97927	.00032	.00348
Stddev	.00016	.00047	1.77	.00041	.00003	.06245	.00032	.01213
%RSD	6.3603	254.77	.62744	38.857	.13032	6.3776	101.12	348.11

#1	-.00273	.00046	283.69	.00119	.01927	.92862	.00069	.00676
#2	-.00249	.00045	281.24	.00138	.01931	.96012	.00012	-.00995
#3	-.00242	-.00036	280.26	.00059	.01927	1.0490	.00015	.01364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0747	2.9063	.00304	-.00330	.00758	.0199	1.2364	6.2406
Stddev	.0038	.0212	.00047	.00134	.00102	.0017	.0047	.2556
%RSD	.18344	.72883	15.502	40.584	13.410	8.535	.37865	4.0954

#1	2.0773	2.8839	.00343	-.00451	.00650	.0196	1.2318	5.9960
#2	2.0764	2.9091	.00317	-.00353	.00852	.0217	1.2363	6.2198
#3	2.0703	2.9260	.00251	-.00186	.00771	.0184	1.2411	6.5059

Sample Name: K3482-02 Acquired: 6/24/2019 19:00:17 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9941
 Stddev .4124
 %RSD 20.680

#1 1.8961
 #2 1.6395
 #3 2.4466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.5	21696.	1938.2	31.972	1817.6
Stddev	1.8	121.	8.0	.617	2.5
%RSD	.10227	.55826	.41087	1.9291	.13561

#1	1721.9	21559.	1945.9	31.454	1820.3
#2	1721.0	21742.	1938.6	31.808	1815.5
#3	1718.5	21788.	1930.0	32.655	1817.0

Sample Name: K3482-02DUP Acquired: 6/24/2019 19:04:42 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	-.00316	-.00071	.01091	.00207	-.00147	.17412	.10144	-.00009
Stddev	.00130	.00239	.00203	.00128	.00160	.01572	.00131	.00013
%RSD	40.962	336.84	18.611	61.841	108.56	9.0275	1.2910	147.44

#1	-.00281	-.00027	.01215	.00074	.00001	.16184	.10203	-.00001
#2	-.00460	-.00329	.00856	.00218	-.00126	.19184	.09994	-.00025
#3	-.00208	.00143	.01200	.00328	-.00316	.16870	.10235	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	168.89	.00047	-.00035	.00286	.02446	.06041	2.5986
Stddev	.00010	1.07	.00039	.00030	.00013	.00030	.00020	.0701
%RSD	28.256	.63438	82.693	86.933	4.6452	1.2109	.32821	2.6975

#1	-.00044	167.66	.00004	-.00044	.00300	.02475	.06061	2.6559
#2	-.00025	169.58	.00081	-.00001	.00283	.02416	.06022	2.6194
#3	-.00035	169.44	.00057	-.00059	.00274	.02448	.06040	2.5205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	.00039	285.82	.00109	.01906	1.1795	.00016	.00035
Stddev	.00014	.00050	.36	.00070	.00008	.0405	.00023	.01309
%RSD	4.9484	128.47	.12682	64.126	.43113	3.4362	142.98	3726.4

#1	-.00284	.00008	286.12	.00068	.01897	1.1336	-.00010	.01106
#2	-.00290	.00012	285.42	.00189	.01907	1.1946	.00031	-.01424
#3	-.00264	.00096	285.92	.00069	.01914	1.2104	.00027	.00424

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0699	2.9547	.00333	.00005	.01004	.0202	1.2448	6.5895
Stddev	.0053	.0235	.00029	.00239	.00229	.0016	.0066	.1960
%RSD	.25635	.79639	8.7257	4903.7	22.828	7.910	.53456	2.9751

#1	2.0759	2.9286	.00364	.00224	.00878	.0220	1.2371	6.7945
#2	2.0657	2.9615	.00306	.00041	.00865	.0189	1.2487	6.4038
#3	2.0680	2.9742	.00330	-.00250	.01269	.0197	1.2486	6.5701

Sample Name: K3482-02DUP Acquired: 6/24/2019 19:04:42 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.9716
Stddev .2200
%RSD 11.159

#1 1.9977
#2 2.1774
#3 1.7397

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.3	21389.	1912.8	30.999	1813.2
Stddev	4.6	47.	14.5	1.956	4.2
%RSD	.27158	.21990	.75829	6.3111	.23276

#1	1705.3	21346.	1928.7	32.836	1810.8
#2	1708.3	21382.	1900.4	28.942	1810.6
#3	1714.4	21439.	1909.2	31.219	1818.0

Sample Name: K3482-02LX5 Acquired: 6/24/2019 19:09:06 Type: Unk
Method: P4-ICP2(v3227) 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	-.00319	-.00165	.00510	.00233	-.00011	.01882	.02149	-.00005
Stddev	.00172	.00056	.00015	.00423	.00223	.01688	.00038	.00008
%RSD	54.036	33.666	2.8594	181.66	2089.4	89.685	1.7604	158.93

#1	-.00304	-.00226	.00503	-.00179	-.00256	.03805	.02107	-.00011
#2	-.00155	-.00152	.00527	.00211	.00180	.01203	.02158	-.00008
#3	-.00498	-.00118	.00501	.00667	.00044	.00640	.02181	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	34.351	-.00011	-.00013	.00055	.00619	.01220	.53417
Stddev	.00005	.096	.00037	.00023	.00023	.00057	.00009	.02401
%RSD	49.598	.27917	321.90	174.63	41.320	9.2545	.76702	4.4941

#1	-.00005	34.357	-.00007	.00013	.00045	.00580	.01220	.55085
#2	-.00015	34.252	.00023	-.00020	.00039	.00685	.01210	.50665
#3	-.00012	34.443	-.00051	-.00033	.00081	.00592	.01229	.54500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.00037	54.597	.00012	.00260	.37948	.00008	-.01536
Stddev	.00011	.00076	.262	.00054	.00009	.03471	.00014	.02127
%RSD	6.5065	206.69	.48066	434.96	3.6421	9.1461	175.23	138.47

#1	-.00157	-.00048	54.640	.00042	.00271	.38176	.00014	-.02671
#2	-.00159	.00061	54.315	-.00050	.00257	.34369	.00017	-.02854
#3	-.00176	.00097	54.835	.00044	.00252	.41299	-.00008	.00917

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39333	.63106	.00170	.00390	.00520	.0041	.25289	4.3299
Stddev	.00218	.00470	.00049	.00256	.00193	.0008	.00116	.0919
%RSD	.55431	.74531	28.723	65.636	37.054	19.24	.46023	2.1227

#1	.39094	.63581	.00205	.00494	.00649	.0048	.25408	4.2492
#2	.39520	.63099	.00114	.00577	.00299	.0033	.25175	4.4300
#3	.39387	.62640	.00189	.00098	.00613	.0042	.25284	4.3105

Sample Name: K3482-02LX5 Acquired: 6/24/2019 19:09:06 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.3404
Stddev .3614
%RSD 26.962

#1 .98584
#2 1.3272
#3 1.7083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.4	22575.	1936.6	32.431	1999.0
Stddev	2.5	133.	13.9	.331	7.2
%RSD	.13978	.58854	.71546	1.0205	.35950

#1	1800.2	22423.	1921.4	32.766	2005.2
#2	1795.3	22634.	1939.6	32.422	1991.1
#3	1796.6	22668.	1948.6	32.104	2000.8

Sample Name: K3482-02MS Acquired: 6/24/2019 19:13:33 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81007	1.9671	1.0079	2.0430	.80274	2.2494	.32382	.20969	.19932
Stddev	.00343	.0052	.0040	.0020	.00300	.0067	.00165	.00074	.00029
%RSD	.42332	.26330	.39364	.09990	.37397	.30015	.50838	.35405	.14700

#1	.81307	1.9612	1.0033	2.0422	.80614	2.2421	.32437	.20957	.19926
#2	.81080	1.9693	1.0096	2.0414	.80162	2.2554	.32512	.21049	.19963
#3	.80633	1.9709	1.0107	2.0453	.80046	2.2507	.32197	.20902	.19905

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	183.23	.41883	.20417	.30872	3.1635	.26895	4.8281	.51148	.07574
Stddev	4.56	.00013	.00067	.00161	.0068	.00086	.0874	.00054	.00079
%RSD	2.4886	.03149	.33002	.52136	.21361	.31978	1.8103	.10510	1.0476

#1	177.98	.41888	.20340	.31031	3.1652	.26825	4.7691	.51201	.07519
#2	185.60	.41894	.20459	.30876	3.1692	.26991	4.7867	.51093	.07665
#3	186.13	.41868	.20453	.30709	3.1560	.26868	4.9285	.51150	.07538

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	309.28	.32710	.22706	12.352	.42570	.32913	2.2183	4.0518	.73677
Stddev	.86	.00140	.00078	.055	.00062	.00587	.0056	.1027	.00307
%RSD	.27849	.42821	.34225	.44803	.14539	1.7833	.25008	2.5353	.41636

#1	309.36	.32851	.22684	12.403	.42559	.32460	2.2211	3.9333	.73814
#2	310.10	.32571	.22792	12.359	.42637	.32704	2.2218	4.1060	.73891
#3	308.38	.32708	.22641	12.293	.42515	.33576	2.2119	4.1160	.73326

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20605	.22854	6.646	1.6042	7.5533	1.4872
Stddev	.00428	.00748	.009	.0406	.1523	.0305
%RSD	2.0784	3.2718	.1413	2.5318	2.0159	2.0503

#1	.20185	.21997	6.652	1.5574	7.3963	1.4861
#2	.20590	.23194	6.651	1.6256	7.7003	1.5183
#3	.21041	.23371	6.635	1.6296	7.5634	1.4574

Sample Name: K3482-02MS Acquired: 6/24/2019 19:13:33 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MS 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	1681.9	21320.	1897.3	30.232	1779.8
Stddev	.5	125.	40.3	1.837	2.4
%RSD	.03042	.58835	2.1225	6.0762	.13604
#1	1681.8	21222.	1943.8	31.026	1782.3
#2	1682.4	21276.	1873.1	31.539	1779.7
#3	1681.4	21461.	1875.0	28.132	1777.4

Sample Name: K3482-02MSD Acquired: 6/24/2019 19:17:40 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80530	1.9553	1.0006	2.0249	.79427	2.2471	.32700	.20835	.19816
Stddev	.00086	.0032	.0001	.0078	.00296	.0388	.00273	.00077	.00072
%RSD	.10721	.16289	.00975	.38791	.37295	1.7273	.83618	.36900	.36422
#1	.80484	1.9582	1.0005	2.0295	.79117	2.2755	.32559	.20858	.19820
#2	.80629	1.9557	1.0007	2.0293	.79708	2.2029	.32526	.20750	.19887
#3	.80476	1.9519	1.0005	2.0158	.79456	2.2629	.33015	.20899	.19743
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	186.28	.41860	.20225	.30637	3.1599	.26937	4.8846	.50672	.07543
Stddev	1.04	.00119	.00054	.00078	.0119	.00023	.1064	.00115	.00043
%RSD	.55849	.28386	.26546	.25428	.37528	.08708	2.1781	.22660	.57384
#1	185.18	.41996	.20207	.30720	3.1531	.26963	4.8581	.50541	.07573
#2	186.39	.41808	.20285	.30628	3.1736	.26917	4.7939	.50721	.07493
#3	187.25	.41776	.20182	.30565	3.1530	.26931	5.0017	.50754	.07562
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	314.35	.32687	.22606	12.594	.42484	.32432	2.2431	4.0991	.73281
Stddev	2.24	.00156	.00007	.137	.00039	.02383	.0071	.0280	.00607
%RSD	.71183	.47774	.03226	1.0886	.09236	7.3463	.31468	.68326	.82780
#1	312.57	.32857	.22612	12.449	.42448	.30177	2.2496	4.1158	.73451
#2	313.62	.32550	.22598	12.612	.42526	.32194	2.2442	4.1146	.73784
#3	316.86	.32653	.22608	12.721	.42478	.34925	2.2356	4.0667	.72608
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20776	.22887	6.605	1.6257	7.5226	1.6955			
Stddev	.00337	.00485	.023	.0076	.0725	.2227			
%RSD	1.6235	2.1188	.3508	.46418	.96434	13.135			
#1	.20617	.22424	6.615	1.6179	7.5308	1.6639			
#2	.20548	.22845	6.621	1.6261	7.5908	1.9323			
#3	.21164	.23391	6.578	1.6330	7.4464	1.4903			

Sample Name: K3482-02MSD Acquired: 6/24/2019 19:17:40 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1MSD 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	1682.7	21335.	1891.6	32.317	1781.8
Stddev	5.8	34.	7.1	1.163	4.2
%RSD	.34296	.15794	.37360	3.5975	.23638
#1	1676.1	21297.	1888.1	32.941	1777.3
#2	1686.2	21347.	1887.0	30.976	1782.6
#3	1685.9	21361.	1899.7	33.035	1785.6

Sample Name: CCV06 Acquired: 6/24/2019 19:21:49 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15166 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1398	5.1899	5.0908	5.1384	5.0535	9.9201	10.177	.25974
Stddev	.0144	.0119	.0043	.0180	.0035	.0575	.054	.00110
%RSD	.27915	.22945	.08519	.35057	.06973	.57950	.53412	.42286
#1	5.1325	5.1773	5.0865	5.1461	5.0565	9.9677	10.213	.25937
#2	5.1307	5.2009	5.0906	5.1513	5.0496	9.8563	10.115	.25887
#3	5.1564	5.1917	5.0952	5.1178	5.0545	9.9364	10.203	.26098
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5391	26.001	1.0382	2.5255	1.2796	5.2831	2.5789	25.079
Stddev	.0033	.042	.0024	.0029	.0010	.0093	.0036	.255
%RSD	.12889	.16052	.22744	.11645	.07849	.17553	.14112	1.0165
#1	2.5388	25.987	1.0402	2.5267	1.2794	5.2808	2.5755	25.179
#2	2.5425	26.048	1.0356	2.5277	1.2806	5.2752	2.5786	24.790
#3	2.5359	25.968	1.0386	2.5222	1.2786	5.2933	2.5828	25.269
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5598	1.2920	25.166	2.6080	2.5382	25.252	5.2169	5.0538
Stddev	.0044	.0038	.101	.0089	.0029	.108	.0080	.0307
%RSD	.17073	.29487	.40033	.33980	.11373	.42644	.15343	.60774
#1	2.5559	1.2952	25.258	2.6000	2.5372	25.355	5.2140	5.0517
#2	2.5645	1.2878	25.059	2.6065	2.5414	25.140	5.2259	5.0242
#3	2.5591	1.2930	25.182	2.6175	2.5359	25.262	5.2107	5.0855
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1346	5.0709	5.2132	5.1604	5.1115	5.282	F 5.5202	4.8445
Stddev	.0067	.0370	.0234	.0209	.0430	.018	.0340	.0769
%RSD	.12975	.72906	.44892	.40530	.84187	.3304	.61504	1.5871
#1	5.1286	5.0492	5.1868	5.1416	5.1350	5.270	5.5292	4.8279
#2	5.1335	5.1136	5.2213	5.1829	5.1376	5.302	5.5488	4.9283
#3	5.1418	5.0499	5.2315	5.1566	5.0618	5.273	5.4827	4.7772

Sample Name: CCV06 Acquired: 6/24/2019 19:21:49 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15166 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9035
Stddev .3706
%RSD 12.764

#1 3.1586
#2 3.0735
#3 2.4784

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.0	22656.	1936.5	30.366	1926.9
Stddev	4.0	61.	14.5	1.383	4.0
%RSD	.22417	.26980	.74938	4.5527	.20782

#1	1798.6	22603.	1936.2	31.950	1927.2
#2	1796.9	22723.	1922.1	29.400	1922.8
#3	1804.6	22642.	1951.2	29.749	1930.8

Sample Name: CCB06 Acquired: 6/24/2019 19:25:48 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15166 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	.00104	.00276	.00383	-.00232	.00375	.00271	.00001
Stddev	.00178	.00022	.00169	.00238	.00070	.01659	.00111	.00012
%RSD	185.51	20.748	61.367	62.092	30.090	442.77	41.092	1217.1
#1	.00021	.00129	.00096	.00169	-.00171	-.01438	.00282	.00014
#2	-.00008	.00091	.00432	.00638	-.00308	.01817	.00155	-.00001
#3	-.00300	.00093	.00301	.00340	-.00217	.00745	.00377	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00408	-.00014	-.00002	.00001	.00142	-.00017	.00067
Stddev	.00003	.00118	.00020	.00037	.00060	.00032	.00007	.10143
%RSD	275.61	28.848	142.25	1514.3	8819.0	22.593	42.911	15140.
#1	.00004	-.00314	-.00022	-.00022	.00054	.00178	-.00012	-.10981
#2	.00001	-.00540	-.00030	.00040	.00012	.00133	-.00025	.02224
#3	-.00002	-.00370	.00009	-.00025	-.00064	.00115	-.00013	.08958
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00031	.01988	.00026	-.00141	.07857	.00077	-.01981
Stddev	.00023	.00083	.01131	.00011	.00011	.03360	.00015	.02466
%RSD	26.705	267.40	56.897	42.265	8.0253	42.773	18.975	124.46
#1	-.00091	.00032	.00734	.00039	-.00148	.05230	.00088	-.04735
#2	-.00060	.00114	.02932	.00023	-.00128	.11643	.00060	.00022
#3	-.00104	-.00053	.02298	.00017	-.00146	.06697	.00082	-.01230
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00582	.01273	.00086	.00363	.00470	-.0018	.00033	F 3.5395
Stddev	.00277	.00055	.00041	.00119	.00061	.0026	.00008	.0760
%RSD	47.561	4.3438	48.343	32.633	12.971	140.3	25.721	2.1475
#1	-.00854	.01249	.00067	.00389	.00402	.0004	.00042	3.5878
#2	-.00301	.01336	.00057	.00234	.00521	-.0046	.00025	3.5788
#3	-.00589	.01234	.00133	.00466	.00486	-.0012	.00031	3.4519

Sample Name: CCB06 Acquired: 6/24/2019 19:25:48 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15166 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .69615
Stddev	.13952
%RSD	20.042

#1	.85722
#2	.61252
#3	.61872

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.1	23419.	1949.1	32.547	2137.4
Stddev	6.4	49.	11.4	.972	5.2
%RSD	.34608	.20746	.58529	2.9867	.24223

#1	1854.0	23370.	1937.2	33.243	2133.3
#2	1865.5	23420.	1950.1	31.436	2143.2
#3	1854.9	23467.	1959.9	32.961	2135.6

Sample Name: K3482-02A Acquired: 6/24/2019 19:30:16 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80178	1.9508	1.0001	2.0372	.79674	2.2290	.32315	.20837	.19845
Stddev	.00068	.0019	.0035	.0056	.00145	.0298	.00133	.00051	.00071
%RSD	.08423	.09548	.35031	.27495	.18154	1.3376	.41099	.24422	.35820
#1	.80227	1.9494	.99683	2.0397	.79507	2.2444	.32172	.20829	.19777
#2	.80101	1.9501	.99969	2.0412	.79752	2.1946	.32435	.20891	.19839
#3	.80205	1.9529	1.0038	2.0308	.79763	2.2480	.32338	.20790	.19919
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	185.41	.41881	.20277	.30676	3.1469	.26724	4.8124	.50832	.07509
Stddev	.85	.00081	.00059	.00046	.0031	.00106	.0819	.00063	.00078
%RSD	.45932	.19330	.29029	.15090	.09795	.39491	1.7024	.12470	1.0327
#1	184.86	.41866	.20235	.30631	3.1454	.26837	4.7178	.50761	.07500
#2	184.98	.41808	.20252	.30724	3.1504	.26628	4.8572	.50851	.07437
#3	186.39	.41968	.20345	.30675	3.1449	.26707	4.8621	.50883	.07591
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	308.37	.32616	.22497	12.291	.42449	.31490	2.2202	4.1398	.73585
Stddev	1.82	.00113	.00044	.131	.00069	.02241	.0027	.0178	.00073
%RSD	.58955	.34570	.19749	1.0635	.16251	7.1172	.12317	.43051	.09912
#1	307.04	.32568	.22469	12.141	.42490	.29409	2.2189	4.1256	.73664
#2	307.63	.32536	.22475	12.377	.42487	.33863	2.2183	4.1340	.73521
#3	310.44	.32745	.22548	12.356	.42369	.31199	2.2233	4.1598	.73570
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20483	.22797	6.612	1.6207	7.6608	1.9083			
Stddev	.00396	.00040	.003	.0068	.1120	.2042			
%RSD	1.9318	.17669	.0408	.42128	1.4624	10.699			
#1	.20172	.22842	6.611	1.6209	7.7405	2.1025			
#2	.20349	.22766	6.615	1.6138	7.7093	1.9270			
#3	.20929	.22782	6.609	1.6274	7.5327	1.6955			

Sample Name: K3482-02A Acquired: 6/24/2019 19:30:16 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW 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	1680.1	21402.	1873.9	31.281	1778.7
Stddev	7.5	55.	8.1	1.055	2.5
%RSD	.44758	.25504	.43227	3.3717	.13868
#1	1673.9	21350.	1864.6	30.130	1776.0
#2	1678.1	21459.	1879.1	31.513	1779.6
#3	1688.5	21397.	1878.1	32.201	1780.7

Sample Name: K3482-04 Acquired: 6/24/2019 19:34:26 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00300	-.00038	.02361	.00387	.00156	.13251	.12649	-.00012
Stddev	.00113	.00101	.00161	.00366	.00233	.01237	.00151	.00002
%RSD	37.502	267.49	6.8012	94.649	149.64	9.3363	1.1922	16.248

#1	-.00388	-.00096	.02246	.00090	.00423	.11969	.12476	-.00011
#2	-.00173	.00079	.02293	.00276	-.00001	.13346	.12750	-.00014
#3	-.00340	-.00097	.02545	.00797	.00045	.14438	.12722	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	5.8086	.00085	-.00027	.00479	.05556	.03209	.22671
Stddev	.00017	.0307	.00032	.00019	.00073	.00100	.00011	.07755
%RSD	95.373	.52858	38.155	68.541	15.173	1.8009	.35098	34.207

#1	-.00029	5.7891	.00101	-.00045	.00562	.05473	.03222	.20258
#2	-.00028	5.7927	.00048	-.00028	.00445	.05667	.03206	.31346
#3	.00002	5.8440	.00106	-.00008	.00429	.05528	.03200	.16409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	.00042	272.46	.00009	.02052	1.1356	.00017	-.02393
Stddev	.00069	.00066	1.65	.00054	.00004	.0188	.00011	.01175
%RSD	57.522	155.94	.60729	609.88	.18621	1.6594	63.640	49.113

#1	-.00185	.00079	270.79	-.00023	.02055	1.1267	.00012	-.01780
#2	-.00048	-.00034	274.10	.00072	.02048	1.1228	.00009	-.03749
#3	-.00127	.00082	272.50	-.00022	.02054	1.1572	.00029	-.01651

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05679	.75910	.00274	.00368	.00541	.0260	.09997	5.2047
Stddev	.00461	.00836	.00103	.00158	.00170	.0007	.00098	.2731
%RSD	8.1181	1.1014	37.572	42.820	31.430	2.546	.97814	5.2473

#1	.06146	.76275	.00254	.00522	.00459	.0253	.09997	5.4106
#2	.05224	.74953	.00385	.00207	.00737	.0262	.09899	5.3087
#3	.05666	.76501	.00182	.00375	.00428	.0265	.10094	4.8949

Sample Name: K3482-04 Acquired: 6/24/2019 19:34:26 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0972
Stddev	.2492
%RSD	22.708

#1	1.1440
#2	1.3197
#3	.82798

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.6	21888.	1913.9	30.544	1875.2
Stddev	2.2	33.	17.4	1.033	2.7
%RSD	.12349	.15280	.90850	3.3833	.14633

#1	1742.2	21869.	1909.3	29.590	1878.1
#2	1745.4	21869.	1933.1	30.402	1872.7
#3	1746.3	21927.	1899.2	31.642	1874.8

Sample Name: K3482-06 Acquired: 6/24/2019 19:38:54 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	-.00066	.00523	.00368	-.00197	.08668	.09947	.00022
Stddev	.00296	.00166	.00126	.00138	.00222	.01263	.00122	.00003
%RSD	167.99	250.94	24.103	37.361	112.72	14.570	1.2285	14.694

#1	-.00071	.00110	.00529	.00343	.00058	.07214	.10028	.00022
#2	.00504	-.00089	.00647	.00245	-.00306	.09487	.09806	.00025
#3	.00095	-.00219	.00395	.00517	-.00343	.09304	.10006	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	17.172	.00002	.00590	.00430	3.3330	.93158	1.1162
Stddev	.00005	.066	.00042	.00030	.00035	.0066	.00094	.0131
%RSD	14.544	.38327	2193.7	5.0558	8.0422	.19864	.10056	1.1769

#1	-.00042	17.109	.00004	.00599	.00408	3.3254	.93124	1.1297
#2	-.00031	17.169	-.00041	.00556	.00412	3.3360	.93264	1.1035
#3	-.00038	17.240	.00043	.00614	.00470	3.3376	.93087	1.1155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00525	.00021	264.60	-.00390	.04047	1.0086	.00003	-.00704
Stddev	.00023	.00008	1.24	.00045	.00030	.0205	.00016	.02570
%RSD	4.4033	38.622	.46766	11.560	.75012	2.0291	527.90	364.94

#1	.00505	.00011	263.53	-.00356	.04015	.98742	.00022	-.00735
#2	.00519	.00024	264.32	-.00441	.04076	1.0283	-.00007	-.03258
#3	.00550	.00026	265.96	-.00372	.04050	1.0102	-.00005	.01881

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34618	.25107	.00198	.00530	.00871	-.0013	.08099	4.8690
Stddev	.00392	.00306	.00036	.00404	.00145	.0021	.00039	.2417
%RSD	1.1323	1.2195	18.008	76.328	16.589	166.2	.48469	4.9633

#1	.34775	.25348	.00232	.00978	.01027	-.0004	.08102	5.0911
#2	.34907	.25212	.00200	.00193	.00846	-.0037	.08059	4.9043
#3	.34171	.24763	.00161	.00417	.00741	.0003	.08137	4.6116

Sample Name: K3482-06 Acquired: 6/24/2019 19:38:54 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1443
 Stddev .1129
 %RSD 5.2636

#1 2.0487
 #2 2.1153
 #3 2.2688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.8	22379.	1971.0	32.734	1887.7
Stddev	2.0	23.	5.1	1.315	3.4
%RSD	.11160	.10483	.26040	4.0160	.18022

#1	1774.6	22367.	1969.6	31.940	1891.6
#2	1770.7	22406.	1976.7	32.011	1885.3
#3	1773.1	22365.	1966.8	34.252	1886.1

Sample Name: K3482-08 Acquired: 6/24/2019 19:43:20 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	-.00175	.32103	-.00037	-.00221	.18074	.34082	-.00006
Stddev	.00421	.00255	.00115	.00130	.00069	.04191	.00393	.00005
%RSD	177.77	145.75	.35825	349.76	31.232	23.191	1.1532	79.400

#1	.00122	-.00469	.32118	-.00185	-.00278	.13299	.33660	-.00012
#2	.00704	-.00014	.32210	.00058	-.00239	.19776	.34146	-.00003
#3	-.00115	-.00042	.31981	.00016	-.00144	.21146	.34438	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	233.36	-.00089	.00770	.02582	.02877	.71239	2.6274
Stddev	.00006	1.96	.00059	.00025	.00051	.00063	.00328	.0666
%RSD	7.0960	.84198	66.775	3.2583	1.9635	2.1880	.46024	2.5336

#1	.00081	231.17	-.00089	.00759	.02625	.02813	.70999	2.5569
#2	.00089	234.97	-.00029	.00799	.02594	.02939	.71104	2.6363
#3	.00078	233.94	-.00148	.00753	.02526	.02879	.71612	2.6891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00503	.00021	356.56	-.00253	.52870	1.1683	.00024	-.00709
Stddev	.00102	.00056	4.08	.00010	.00208	.0538	.00021	.00800
%RSD	20.223	271.87	1.1431	3.9408	.39283	4.6072	86.137	112.82

#1	.00618	.00085	352.18	-.00254	.53108	1.1069	.00000	-.01536
#2	.00462	-.00019	357.26	-.00242	.52727	1.1905	.00037	.00060
#3	.00427	-.00003	360.24	-.00262	.52775	1.2075	.00036	-.00650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97144	1.6192	.00392	-.01092	.01643	-.0020	.70123	7.0635
Stddev	.01193	.0060	.00110	.00223	.00230	.0021	.00725	.2501
%RSD	1.2278	.37121	28.144	20.410	13.991	105.8	1.0335	3.5401

#1	.97551	1.6201	.00504	-.01173	.01506	-.0042	.69350	6.9990
#2	.95801	1.6127	.00390	-.01263	.01909	-.0020	.70787	7.3394
#3	.98080	1.6246	.00283	-.00840	.01515	.0001	.70233	6.8519

Sample Name: K3482-08 Acquired: 6/24/2019 19:43:20 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5090
Stddev .3929
%RSD 15.660

#1 2.8581
#2 2.5856
#3 2.0835

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.5	21397.	1916.2	31.818	1787.3
Stddev	4.2	125.	7.2	.600	8.4
%RSD	.25007	.58515	.37704	1.8863	.47022

#1	1698.1	21514.	1922.9	32.099	1779.9
#2	1696.1	21411.	1908.6	32.226	1785.6
#3	1704.2	21265.	1917.3	31.129	1796.5

Sample Name: K3485-02 Acquired: 6/24/2019 19:47:43 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GWMH-7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00506	.00035	.00293	.00027	-.00196	.02061	.11477	.00003
Stddev	.00421	.00152	.00037	.00263	.00074	.01473	.00152	.00005
%RSD	83.191	434.80	12.570	968.36	37.866	71.454	1.3282	149.85

#1	-.00401	.00087	.00334	.00269	-.00165	.01962	.11358	-.00002
#2	-.00147	.00154	.00263	.00064	-.00281	.00640	.11425	.00007
#3	-.00969	-.00136	.00283	-.00252	-.00142	.03581	.11649	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	12.178	-.00104	.00021	.00074	1.0288	1.5635	2.8036
Stddev	.00012	.139	.00036	.00018	.00044	.0021	.0010	.0243
%RSD	69.887	1.1414	34.732	87.366	59.454	.20621	.06513	.86502

#1	-.00031	12.054	-.00128	.00041	.00124	1.0308	1.5637	2.7764
#2	-.00012	12.328	-.00062	.00010	.00052	1.0266	1.5624	2.8231
#3	-.00009	12.151	-.00121	.00010	.00045	1.0291	1.5643	2.8113

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.00006	20.032	-.00565	.04670	.49197	.01496	.09688
Stddev	.00057	.00026	.097	.00089	.00054	.01355	.00006	.02182
%RSD	37.847	400.31	.48193	15.762	1.1542	2.7540	.39433	22.520

#1	-.00166	.00006	19.973	-.00462	.04632	.50752	.01495	.09833
#2	-.00088	.00032	19.979	-.00611	.04646	.48574	.01502	.07438
#3	-.00199	-.00019	20.143	-.00621	.04732	.48267	.01490	.11794

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5064	1.8214	.00040	.00227	.00244	.0072	.05986	3.5393
Stddev	.0036	.0318	.00078	.00220	.00038	.0014	.00079	.3071
%RSD	.23649	1.7456	194.50	96.962	15.381	19.01	1.3280	8.6783

#1	1.5023	1.7977	-.00050	.00124	.00213	.0088	.05924	3.6453
#2	1.5085	1.8575	.00089	.00077	.00233	.0062	.06076	3.7794
#3	1.5084	1.8090	.00081	.00479	.00286	.0067	.05958	3.1932

Sample Name: K3485-02 Acquired: 6/24/2019 19:47:43 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GWMH-7 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1171
 Stddev .0610
 %RSD 5.4573

#1 1.1780
 #2 1.0561
 #3 1.1174

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.8	23326.	1929.4	31.978	2104.3
Stddev	5.9	49.	19.9	.891	11.2
%RSD	.31714	.21027	1.0315	2.7866	.53097

#1	1853.5	23291.	1944.7	32.287	2117.0
#2	1842.6	23382.	1906.9	30.974	2096.1
#3	1844.2	23305.	1936.5	32.674	2099.8

Sample Name: K3485-02DUP Acquired: 6/24/2019 19:52:08 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	-.00057	.00140	.00336	-.00125	.02679	.11447	-.00011
Stddev	.00271	.00136	.00092	.00211	.00100	.00868	.00123	.00008
%RSD	1088.4	238.88	65.699	62.764	79.673	32.411	1.0720	80.460

#1	.00078	-.00122	.00069	.00123	-.00180	.01884	.11333	-.00005
#2	-.00332	.00099	.00108	.00340	-.00185	.03606	.11577	-.00006
#3	.00179	-.00148	.00244	.00545	-.00010	.02547	.11431	-.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	11.860	-.00070	-.00024	.00023	1.0203	1.5610	2.7685
Stddev	.00005	.083	.00030	.00014	.00010	.0045	.0009	.0891
%RSD	37.132	.69620	42.491	59.978	44.583	.43923	.05871	3.2181

#1	-.00008	11.767	-.00084	-.00009	.00011	1.0167	1.5613	2.6779
#2	-.00018	11.926	-.00036	-.00037	.00030	1.0188	1.5600	2.8560
#3	-.00017	11.885	-.00091	-.00026	.00029	1.0253	1.5617	2.7716

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	.00076	19.952	-.00533	.04635	.47036	.01482	.09284
Stddev	.00003	.00074	.192	.00039	.00005	.03476	.00034	.00892
%RSD	1.9800	97.518	.96198	7.2337	.11038	7.3907	2.2626	9.6068

#1	-.00166	.00095	19.736	-.00490	.04633	.44574	.01477	.08901
#2	-.00162	.00138	20.105	-.00544	.04631	.45521	.01517	.08647
#3	-.00168	-.00006	20.014	-.00565	.04641	.51012	.01451	.10303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5049	1.7628	.00042	.00285	.00120	.0047	.05795	3.9601
Stddev	.0040	.0016	.00083	.00072	.00235	.0032	.00024	.3152
%RSD	.26646	.09142	194.68	25.361	195.93	67.74	.41035	7.9589

#1	1.5075	1.7639	-.00052	.00344	.00220	.0069	.05768	4.1713
#2	1.5003	1.7610	.00078	.00308	-.00148	.0010	.05812	4.1113
#3	1.5070	1.7637	.00101	.00205	.00288	.0060	.05806	3.5979

Sample Name: K3485-02DUP Acquired: 6/24/2019 19:52:08 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: GWMH-7DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .94801
 Stddev .50076
 %RSD 52.822

#1 1.4525
 #2 .45103
 #3 .94056

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.9	23151.	1959.0	32.564	2074.5
Stddev	3.1	26.	6.5	.499	2.4
%RSD	.17146	.11391	.33170	1.5326	.11661

#1	1823.6	23130.	1962.5	32.846	2076.6
#2	1827.1	23143.	1963.0	32.859	2075.2
#3	1829.8	23181.	1951.5	31.988	2071.9

Sample Name: K3485-02LX5 Acquired: 6/24/2019 19:56:33 Type: Unk
Method: P4-ICP2(v3227) 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	-.00232	.00050	.00006	.00319	-.00090	-.00917	.02480	-.00003
Stddev	.00305	.00054	.00097	.00160	.00119	.01792	.00046	.00005
%RSD	131.63	108.23	1567.2	50.357	132.66	195.36	1.8569	168.46

#1	-.00478	.00053	-.00060	.00198	.00012	.01079	.02534	-.00003
#2	.00109	-.00006	.00118	.00501	-.00221	-.02388	.02452	.00002
#3	-.00327	.00102	-.00040	.00257	-.00060	-.01442	.02456	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	2.4693	-.00093	-.00000	.00005	.21366	.32524	.53115
Stddev	.00010	.0122	.00015	.00016	.00026	.00111	.00102	.05260
%RSD	2803.9	.49251	15.739	6126.4	498.79	.52143	.31225	9.9034

#1	-.00001	2.4595	-.00081	.00008	.00017	.21282	.32523	.49908
#2	.00011	2.4655	-.00088	-.00019	-.00025	.21492	.32626	.50250
#3	-.00009	2.4829	-.00109	.00010	.00023	.21324	.32423	.59185

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	.00031	4.0951	-.00136	.00867	.12988	.00280	.01380
Stddev	.00009	.00040	.0286	.00013	.00013	.05118	.00012	.02025
%RSD	11.255	129.92	.69914	9.7064	1.4513	39.408	4.1734	146.81

#1	-.00067	.00077	4.0622	-.00121	.00880	.07168	.00285	.03582
#2	-.00078	.00017	4.1143	-.00145	.00866	.16786	.00289	-.00403
#3	-.00083	-.00001	4.1088	-.00142	.00855	.15011	.00267	.00960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30844	.38385	.00013	.00375	.00372	.0013	.01219	3.4148
Stddev	.00327	.00477	.00043	.00179	.00299	.0010	.00022	.1928
%RSD	1.0607	1.2419	344.33	47.580	80.353	73.00	1.8213	5.6453

#1	.31222	.38803	.00035	.00394	.00411	.0023	.01206	3.3359
#2	.30659	.38486	-.00037	.00188	.00648	.0004	.01245	3.6345
#3	.30651	.37866	.00040	.00544	.00055	.0013	.01207	3.2740

Sample Name: K3485-02LX5 Acquired: 6/24/2019 19:56:33 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.90409
Stddev	.34955
%RSD	38.663

#1	.53912
#2	1.2358
#3	.93732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.7	23402.	1954.1	32.725	2135.8
Stddev	5.9	46.	6.6	1.487	5.6
%RSD	.31531	.19777	.33781	4.5444	.26295

#1	1852.0	23427.	1946.6	32.973	2129.6
#2	1861.8	23430.	1956.4	31.130	2137.0
#3	1862.4	23348.	1959.2	34.073	2140.7

Sample Name: K3485-02MS Acquired: 6/24/2019 20:01:00 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84171	2.1527	1.0632	2.0898	.77375	2.2551	.35852	.21917	.20816
Stddev	.00390	.0003	.0046	.0065	.00470	.0399	.00820	.00448	.00040
%RSD	.46380	.01547	.43770	.31205	.60734	1.7677	2.2876	2.0430	.19419

#1	.84621	2.1526	1.0629	2.0969	.77551	2.2988	.36787	.22411	.20861
#2	.83941	2.1524	1.0680	2.0885	.77732	2.2208	.35254	.21537	.20805
#3	.83950	2.1530	1.0588	2.0841	.76843	2.2456	.35514	.21804	.20782

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.603	.46685	.21642	.34024	4.6464	1.9523	5.3345	.54515	.08162
Stddev	.252	.01039	.00054	.00153	.0985	.0367	.1135	.00069	.00174
%RSD	1.7256	2.2264	.24824	.44901	2.1198	1.8802	2.1273	.12638	2.1303

#1	14.892	.47798	.21702	.34119	4.7593	1.9931	5.4645	.54594	.08361
#2	14.492	.45740	.21598	.34105	4.5783	1.9221	5.2837	.54466	.08036
#3	14.426	.46518	.21625	.33848	4.6016	1.9415	5.2553	.54485	.08090

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.545	.35054	.28044	11.407	.44076	.44892	1.6584	2.9047	.70335
Stddev	.552	.00748	.00049	.228	.00139	.01984	.0136	.0492	.00114
%RSD	2.1626	2.1327	.17416	1.9973	.31599	4.4192	.81943	1.6938	.16229

#1	26.170	.35917	.28078	11.669	.43931	.46502	1.6563	2.9604	.70458
#2	25.123	.34585	.27988	11.259	.44208	.42676	1.6729	2.8865	.70312
#3	25.341	.34662	.28067	11.293	.44088	.45498	1.6460	2.8672	.70233

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21036	.23906	6.376	.35405	5.5585	.01951
Stddev	.00787	.00364	.017	.00719	.2451	.30032
%RSD	3.7388	1.5207	.2678	2.0317	4.4101	1539.4

#1	.21882	.24276	6.385	.36225	5.8357	.18993
#2	.20900	.23894	6.386	.35109	5.3703	-.32725
#3	.20327	.23549	6.356	.34881	5.4695	.19585

Sample Name: K3485-02MS Acquired: 6/24/2019 20:01:00 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7MS 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	1801.8	22561.	1889.7	30.732	2029.1
Stddev	11.7	501.	38.9	1.268	15.6
%RSD	.64752	2.2217	2.0595	4.1252	.77043
#1	1788.3	21985.	1845.7	30.141	2011.0
#2	1807.6	22898.	1904.0	32.188	2038.7
#3	1809.4	22800.	1919.5	29.868	2037.4

Sample Name: K3485-02MSD Acquired: 6/24/2019 20:05:07 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87211	2.2327	1.0991	2.1624	.76841	2.2286	.36798	.22460	.21560
Stddev	.00375	.0026	.0020	.0034	.00229	.0129	.00090	.00079	.00052
%RSD	.43018	.11717	.18517	.15497	.29751	.57946	.24564	.35328	.24279
#1	.87585	2.2321	1.1000	2.1623	.76598	2.2143	.36796	.22381	.21618
#2	.86834	2.2304	1.0967	2.1590	.77052	2.2318	.36709	.22460	.21516
#3	.87215	2.2355	1.1005	2.1657	.76872	2.2395	.36890	.22540	.21547
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.910	.47784	.22362	.35189	4.7452	1.9825	5.5130	.56455	.08311
Stddev	.100	.00209	.00033	.00094	.0062	.0015	.1019	.00098	.00049
%RSD	.66904	.43817	.14964	.26703	.12983	.07435	1.8487	.17321	.58824
#1	14.803	.47893	.22393	.35218	4.7506	1.9831	5.6021	.56568	.08265
#2	15.000	.47543	.22326	.35265	4.7385	1.9808	5.4019	.56401	.08362
#3	14.927	.47917	.22366	.35084	4.7467	1.9835	5.5351	.56396	.08307
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.109	.35899	.27138	11.764	.44077	.46531	1.7013	2.9012	.70168
Stddev	.087	.00101	.00040	.102	.00081	.01603	.0194	.0135	.00105
%RSD	.33205	.28216	.14785	.86971	.18368	3.4455	1.1402	.46479	.14895
#1	26.014	.35947	.27174	11.650	.44055	.47749	1.7236	2.8864	.70153
#2	26.131	.35782	.27095	11.794	.44010	.47128	1.6880	2.9046	.70280
#3	26.183	.35966	.27144	11.848	.44167	.44714	1.6924	2.9127	.70072
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21208	.24380	6.599	.36449	5.4978	.21907			
Stddev	.00155	.00298	.010	.00223	.1743	.33384			
%RSD	.73311	1.2220	.1583	.61146	3.1698	152.39			
#1	.21239	.24042	6.609	.36196	5.5686	-.05010			
#2	.21346	.24605	6.588	.36619	5.2993	.59263			
#3	.21040	.24492	6.599	.36531	5.6255	.11466			

Sample Name: K3485-02MSD Acquired: 6/24/2019 20:05:07 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7MSD 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	1799.7	22868.	1921.2	32.050	2022.5
Stddev	5.1	66.	5.0	1.091	7.4
%RSD	.28352	.28828	.25977	3.4042	.36625
#1	1797.0	22795.	1925.1	33.309	2016.1
#2	1796.5	22888.	1915.6	31.459	2020.7
#3	1805.6	22922.	1923.1	31.382	2030.6

Sample Name: K3485-02A Acquired: 6/24/2019 20:09:16 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87238	2.2376	1.1028	2.1710	.77959	2.2370	.36611	.22528	.21598
Stddev	.00158	.0024	.0019	.0060	.00411	.0027	.00285	.00064	.00029
%RSD	.18139	.10910	.17606	.27663	.52750	.12194	.77728	.28337	.13535
#1	.87401	2.2363	1.1007	2.1640	.77826	2.2346	.36285	.22523	.21579
#2	.87228	2.2360	1.1032	2.1740	.78420	2.2399	.36810	.22595	.21632
#3	.87085	2.2404	1.1045	2.1748	.77631	2.2364	.36738	.22467	.21584
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.143	.47787	.22354	.35249	4.7488	1.9894	5.4235	.56543	.08342
Stddev	.342	.00085	.00048	.00106	.0100	.0031	.0569	.00068	.00039
%RSD	2.2589	.17786	.21546	.29981	.21139	.15329	1.0487	.11970	.46936
#1	14.860	.47881	.22314	.35364	4.7390	1.9862	5.4779	.56620	.08379
#2	15.046	.47716	.22407	.35156	4.7591	1.9923	5.4282	.56497	.08301
#3	15.523	.47763	.22340	.35228	4.7483	1.9898	5.3644	.56511	.08347
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.023	.35969	.27208	11.703	.44067	.48055	1.7086	2.9865	.70747
Stddev	.126	.00139	.00028	.112	.00105	.02631	.0042	.0293	.00345
%RSD	.48544	.38747	.10193	.95302	.23816	5.4740	.24341	.97989	.48786
#1	25.881	.36112	.27240	11.580	.44188	.46878	1.7083	2.9533	.70531
#2	26.065	.35962	.27195	11.731	.44006	.51069	1.7046	2.9976	.70564
#3	26.123	.35833	.27190	11.798	.44007	.46219	1.7129	3.0086	.71145
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21547	.24544	6.642	.36988	5.5803	.74787			
Stddev	.00627	.00518	.015	.00666	.2447	.79717			
%RSD	2.9085	2.1103	.2286	1.8012	4.3843	106.59			
#1	.21556	.24399	6.650	.36436	5.6810	1.4307			
#2	.20916	.24113	6.624	.36799	5.7585	-.12811			
#3	.22170	.25119	6.651	.37728	5.3014	.94097			

Sample Name: K3485-02A Acquired: 6/24/2019 20:09:16 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8348 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	1787.6	22866.	1880.0	33.100	2009.6
Stddev	4.8	63.	20.6	1.462	6.7
%RSD	.26795	.27672	1.0976	4.4179	.33565
#1	1783.4	22847.	1896.4	32.935	2002.1
#2	1786.6	22815.	1886.9	34.638	2011.7
#3	1792.8	22937.	1856.8	31.727	2015.0

Sample Name: CCV07 Acquired: 6/24/2019 20:13:24 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0610	5.0635	4.9903	5.0107	4.9212	9.6791	10.017	.25586
Stddev	.0084	.0072	.0026	.0136	.0077	.0621	.056	.00017
%RSD	.16598	.14118	.05210	.27116	.15747	.64205	.55908	.06703
#1	5.0659	5.0554	4.9904	5.0252	4.9208	9.6187	9.9614	.25606
#2	5.0657	5.0689	4.9928	5.0086	4.9292	9.6756	10.015	.25573
#3	5.0513	5.0663	4.9876	4.9983	4.9137	9.7429	10.073	.25580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4804	25.788	1.0223	2.4588	1.2482	5.2007	2.5169	24.665
Stddev	.0018	.099	.0024	.0029	.0006	.0163	.0050	.137
%RSD	.07113	.38526	.23048	.11890	.05194	.31358	.19825	.55716
#1	2.4788	25.734	1.0244	2.4555	1.2489	5.2125	2.5219	24.517
#2	2.4800	25.727	1.0198	2.4612	1.2481	5.1821	2.5119	24.689
#3	2.4823	25.902	1.0226	2.4596	1.2476	5.2074	2.5169	24.789
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5123	1.2721	24.494	2.5769	2.4694	24.724	5.1430	4.9776
Stddev	.0030	.0055	.140	.0078	.0008	.123	.0125	.0503
%RSD	.11832	.43333	.57083	.30139	.03279	.49907	.24219	1.0108
#1	2.5090	1.2771	24.358	2.5853	2.4686	24.603	5.1344	4.9236
#2	2.5148	1.2662	24.486	2.5700	2.4695	24.719	5.1573	5.0232
#3	2.5131	1.2729	24.638	2.5753	2.4702	24.850	5.1374	4.9859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0229	5.0556	5.1254	5.1489	5.0461	5.149	5.4438	4.5388
Stddev	.0108	.0727	.0261	.0350	.0684	.025	.0495	.0585
%RSD	.21426	1.4390	.50889	.67915	1.3564	.4831	.90918	1.2891
#1	5.0307	5.1345	5.0959	5.1632	5.1096	5.130	5.4899	4.6028
#2	5.0274	4.9910	5.1350	5.1090	4.9736	5.141	5.3915	4.4881
#3	5.0106	5.0414	5.1454	5.1744	5.0552	5.177	5.4500	4.5254

Sample Name: CCV07 Acquired: 6/24/2019 20:13:24 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15167 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1468
Stddev	.3222
%RSD	10.239

#1	2.8302
#2	3.4743
#3	3.1360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.8	23028.	1949.2	32.514	1971.9
Stddev	2.7	46.	22.0	2.264	3.3
%RSD	.14913	.20124	1.1295	6.9637	.16557

#1	1834.0	23005.	1925.6	30.735	1968.8
#2	1837.0	23082.	1969.2	31.744	1975.3
#3	1839.4	22998.	1952.7	35.062	1971.7

Sample Name: CCB07 Acquired: 6/24/2019 20:17:21 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	.00109	.00102	-.00035	.00007	-.00278	.00264	.00000
Stddev	.00097	.00023	.00062	.00464	.00224	.01420	.00042	.00008
%RSD	43.358	21.064	61.371	1322.0	2997.6	510.02	15.783	12763.
#1	-.00114	.00127	.00167	-.00426	-.00144	.01361	.00219	.00006
#2	-.00260	.00116	.00096	-.00158	.00265	-.01141	.00302	.00002
#3	-.00297	.00083	.00042	.00478	-.00099	-.01055	.00269	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00592	-.00006	-.00010	.00001	.00140	-.00012	-.00130
Stddev	.00008	.01320	.00004	.00026	.00017	.00050	.00014	.03924
%RSD	138.83	223.02	62.950	266.52	2001.5	35.595	110.88	3016.0
#1	.00003	.00762	-.00005	-.00025	-.00018	.00159	.00003	.04376
#2	-.00007	-.00662	-.00010	.00021	.00009	.00178	-.00018	-.02794
#3	-.00013	-.01875	-.00003	-.00026	.00012	.00084	-.00022	-.01973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	.00109	-.02819	.00006	-.00138	.04898	.00075	.00373
Stddev	.00004	.00048	.00573	.00044	.00005	.04088	.00061	.01662
%RSD	6.8924	44.108	20.336	764.20	3.8683	83.470	80.450	444.86
#1	-.00061	.00100	-.02204	-.00001	-.00144	.07870	.00123	.01122
#2	-.00067	.00066	-.02915	.00053	-.00134	.06587	.00097	.01529
#3	-.00059	.00160	-.03339	-.00034	-.00138	.00236	.00007	-.01531
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00259	.01165	.00059	.00592	.00294	-.0018	.00036	F 2.9621
Stddev	.00217	.00364	.00139	.00259	.00315	.0015	.00008	.3964
%RSD	83.547	31.279	235.05	43.729	107.04	83.13	23.547	13.381
#1	-.00393	.01569	-.00060	.00749	-.00043	-.0019	.00045	3.0165
#2	-.00009	.00861	.00211	.00293	.00581	-.0003	.00030	3.3285
#3	-.00376	.01065	.00026	.00733	.00344	-.0033	.00032	2.5414

Sample Name: CCB07 Acquired: 6/24/2019 20:17:21 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15167 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .73262
Stddev	.35094
%RSD	47.902

#1	.42126
#2	.66368
#3	1.1129

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.9	23548.	1929.5	32.512	2147.0
Stddev	4.9	28.	15.6	.181	4.3
%RSD	.26112	.11695	.80592	.55754	.20100

#1	1859.8	23535.	1913.6	32.677	2142.4
#2	1869.6	23529.	1930.3	32.318	2147.6
#3	1865.2	23579.	1944.7	32.541	2151.0

Sample Name: K3472-06 Acquired: 6/24/2019 20:21:50 Type: Unk
Method: P4-ICP2(v3227) 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	-.00361	-.00160	.00477	.00259	.00022	7.5584	.30418	.00012
Stddev	.00202	.00168	.00193	.00230	.00246	.0279	.00075	.00008
%RSD	55.897	104.99	40.502	88.535	1107.8	.36882	.24809	61.446

#1	-.00149	.00015	.00263	.00002	.00169	7.5755	.30431	.00020
#2	-.00383	-.00176	.00638	.00334	.00159	7.5735	.30485	.00012
#3	-.00551	-.00320	.00529	.00442	-.00261	7.5262	.30336	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	1.5772	.01064	.00128	.00927	6.1150	.02861	2.0903
Stddev	.00006	.0211	.00030	.00022	.00038	.0143	.00008	.0764
%RSD	11.328	1.3386	2.7844	17.084	4.1130	.23321	.26467	3.6554

#1	-.00047	1.5543	.01093	.00143	.00963	6.1233	.02869	2.0023
#2	-.00055	1.5958	.01034	.00103	.00887	6.1232	.02854	2.1286
#3	-.00058	1.5815	.01064	.00139	.00932	6.0986	.02859	2.1400

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	-.00089	8.9424	.01007	.11949	1.7364	.00039	.20451
Stddev	.00015	.00038	.0179	.00038	.00046	.0424	.00023	.00732
%RSD	3.5148	43.228	.20059	3.8169	.38574	2.4427	58.270	3.5784

#1	.00424	-.00045	8.9471	.01008	.11899	1.7292	.00035	.20636
#2	.00421	-.00117	8.9576	.00969	.11991	1.7820	.00064	.21072
#3	.00449	-.00104	8.9226	.01046	.11957	1.6981	.00019	.19644

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2133	F 14.687	-.00060	.33210	.02420	.0389	.01432	3.7046
Stddev	.0086	.083	.00044	.00458	.00069	.0007	.00031	.1323
%RSD	.16436	.56496	73.463	1.3786	2.8389	1.737	2.1648	3.5714

#1	5.2034	14.591	-.00046	.33644	.02482	.0390	.01418	3.7492
#2	5.2176	14.744	-.00025	.33253	.02430	.0395	.01467	3.8088
#3	5.2189	14.724	-.00109	.32732	.02346	.0381	.01410	3.5557

Sample Name: K3472-06 Acquired: 6/24/2019 20:21:50 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7044
Stddev .1589
%RSD 9.3247

#1 1.7397
#2 1.5308
#3 1.8427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.2	23149.	1930.6	32.913	2068.5
Stddev	7.1	102.	6.4	.961	4.1
%RSD	.39138	.44048	.33021	2.9191	.19879

#1	1813.2	23063.	1937.7	33.905	2064.3
#2	1825.4	23123.	1929.0	32.848	2072.6
#3	1812.9	23262.	1925.3	31.986	2068.7

Sample Name: K3472-06DUP Acquired: 6/24/2019 20:26:13 Type: Unk
Method: P4-ICP2(v3227) 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	-.00124	-.00178	.00375	.00370	.00021	7.3158	.30622	.00021
Stddev	.00291	.00032	.00223	.00040	.00247	.0311	.00256	.00002
%RSD	234.17	18.076	59.336	10.799	1169.7	.42500	.83688	7.1128
#1	-.00432	-.00214	.00227	.00402	-.00155	7.3275	.30355	.00020
#2	.00147	-.00150	.00631	.00384	.00304	7.2805	.30645	.00023
#3	-.00088	-.00171	.00267	.00325	-.00086	7.3392	.30866	.00021
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	1.6094	.01060	.00124	.00972	6.0975	.02872	2.2194
Stddev	.00012	.0208	.00010	.00038	.00049	.0129	.00015	.0482
%RSD	30.504	1.2944	.97963	30.341	5.0432	.21153	.52490	2.1731
#1	-.00028	1.5908	.01062	.00131	.00930	6.1043	.02863	2.2428
#2	-.00038	1.6055	.01049	.00084	.00960	6.0827	.02864	2.1639
#3	-.00052	1.6319	.01069	.00158	.01026	6.1057	.02890	2.2515
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	-.00118	9.0210	.01000	.12993	1.7214	.00031	.20351
Stddev	.00023	.00092	.0669	.00031	.00011	.0097	.00033	.01350
%RSD	5.6851	77.899	.74160	3.0871	.08646	.56387	108.65	6.6358
#1	.00419	-.00012	8.9545	.01023	.12990	1.7318	-.00001	.20569
#2	.00411	-.00170	9.0201	.01013	.12984	1.7126	.00027	.18904
#3	.00376	-.00172	9.0883	.00965	.13005	1.7197	.00066	.21578
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2511	F 14.062	-.00015	.32271	.02166	.0380	.01422	4.1939
Stddev	.0106	.026	.00047	.00523	.00187	.0035	.00017	.2478
%RSD	.20158	.18568	315.00	1.6217	8.6124	9.332	1.1904	5.9097
#1	5.2416	14.092	-.00070	.31714	.02337	.0393	.01408	3.9156
#2	5.2493	14.049	.00010	.32753	.02193	.0340	.01441	4.3908
#3	5.2625	14.046	.00014	.32346	.01967	.0407	.01418	4.2753

Sample Name: K3472-06DUP Acquired: 6/24/2019 20:26:13 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2785
Stddev	.1501
%RSD	11.743

#1	1.4096
#2	1.1147
#3	1.3112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.9	23210.	1944.3	32.360	2068.6
Stddev	10.7	34.	2.7	.555	11.6
%RSD	.58898	.14519	.13887	1.7144	.56005

#1	1819.7	23177.	1944.3	32.882	2063.6
#2	1815.9	23210.	1947.0	32.420	2060.3
#3	1836.1	23244.	1941.6	31.777	2081.8

Sample Name: K3472-06L Acquired: 6/24/2019 20:30:36 Type: Unk
Method: P4-ICP2(v3227) 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	.00063	-.00138	.00140	-.00018	.00086	1.4610	.06177	.00008
Stddev	.00206	.00049	.00099	.00214	.00070	.0355	.00064	.00001
%RSD	326.51	35.587	70.761	1196.3	80.990	2.4310	1.0305	14.795

#1	.00156	-.00084	.00146	-.00029	.00020	1.4457	.06120	.00007
#2	.00207	-.00180	.00235	-.00226	.00159	1.4357	.06166	.00009
#3	-.00173	-.00148	.00038	.00201	.00079	1.5016	.06246	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.30041	.00219	.00031	.00173	1.2583	.00579	.47275
Stddev	.00013	.02263	.00057	.00013	.00042	.0042	.00010	.03275
%RSD	161.86	7.5323	26.062	42.779	24.106	.33289	1.6747	6.9280

#1	-.00022	.27799	.00252	.00017	.00155	1.2590	.00590	.46658
#2	-.00006	.30001	.00252	.00031	.00221	1.2537	.00578	.50815
#3	.00004	.32324	.00153	.00043	.00144	1.2620	.00570	.44353

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00007	1.7093	.00202	.02443	.38171	.00009	.03354
Stddev	.00062	.00028	.0283	.00010	.00015	.03426	.00029	.00620
%RSD	196.89	408.71	1.6559	4.9073	.62216	8.9758	319.29	18.497

#1	-.00030	.00004	1.6785	.00205	.02460	.34226	.00010	.02685
#2	.00094	-.00019	1.7152	.00191	.02440	.39896	.00038	.03466
#3	.00031	.00036	1.7342	.00211	.02430	.40393	-.00020	.03910

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0650	2.9368	-.00086	.06277	.00720	.0082	.00255	3.1424
Stddev	.0068	.1790	.00058	.00420	.00492	.0022	.00028	.2439
%RSD	.63894	6.0965	67.649	6.6842	68.273	26.97	10.997	7.7599

#1	1.0599	2.7308	-.00112	.05833	.00159	.0096	.00225	3.0918
#2	1.0728	3.0550	-.00019	.06667	.00927	.0093	.00260	3.4076
#3	1.0624	3.0246	-.00125	.06332	.01075	.0056	.00280	2.9278

Sample Name: K3472-06L Acquired: 6/24/2019 20:30:36 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.2274
 Stddev .1205
 %RSD 9.8132

#1 1.1225
 #2 1.3589
 #3 1.2008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.2	23659.	2038.0	34.930	2139.0
Stddev	9.4	12.	126.1	3.428	3.6
%RSD	.50435	.05042	6.1851	9.8125	.16895

#1	1874.0	23646.	2182.6	38.202	2137.7
#2	1880.6	23669.	1951.6	31.366	2143.1
#3	1862.0	23662.	1979.7	35.223	2136.3

Sample Name: K3472-06MS Acquired: 6/24/2019 20:35:03 Type: Unk
Method: P4-ICP2(v3227) 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	.73070	1.8817	.92331	1.8118	.73059	9.9609	.49833	.18822
Stddev	.00263	.0069	.00296	.0089	.00184	.0272	.00367	.00079
%RSD	.36033	.36463	.32049	.49202	.25160	.27309	.73716	.42106
#1	.72773	1.8743	.92427	1.8221	.72863	9.9461	.49653	.18859
#2	.73276	1.8878	.91999	1.8066	.73227	9.9923	.50255	.18731
#3	.73161	1.8830	.92567	1.8067	.73085	9.9444	.49590	.18875
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17975	2.5123	.41274	.18998	.30558	9.1393	.22729	4.0292
Stddev	.00020	.0210	.00218	.00026	.00086	.0261	.00091	.0683
%RSD	.11351	.83642	.52721	.13665	.28288	.28523	.40140	1.6962
#1	.17999	2.5017	.41457	.18977	.30653	9.1602	.22782	3.9941
#2	.17962	2.4986	.41033	.19027	.30484	9.1101	.22624	4.1079
#3	.17965	2.5365	.41331	.18991	.30537	9.1476	.22781	3.9855
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48055	.06978	11.541	.31721	.27798	11.166	.40146	.51562
Stddev	.00107	.00091	.045	.00110	.00067	.061	.00141	.01996
%RSD	.22296	1.3063	.38650	.34527	.24214	.54687	.35210	3.8713
#1	.47938	.07078	11.511	.31602	.27771	11.098	.39987	.49692
#2	.48148	.06955	11.593	.31818	.27748	11.216	.40193	.51330
#3	.48080	.06900	11.521	.31743	.27874	11.185	.40257	.53664
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1244	F 16.470	.66987	.54421	.22304	5.416	.26417	4.9816
Stddev	.0097	.154	.00106	.01135	.00232	.005	.00252	.2203
%RSD	.18970	.93490	.15785	2.0859	1.0384	.0908	.95226	4.4224
#1	5.1238	16.481	.66865	.54916	.22053	5.415	.26242	4.7359
#2	5.1344	16.310	.67051	.53122	.22353	5.411	.26304	5.0475
#3	5.1150	16.618	.67045	.55224	.22508	5.421	.26706	5.1615

Sample Name: K3472-06MS Acquired: 6/24/2019 20:35:03 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.6985
Stddev	.4067
%RSD	23.946

#1	1.2752
#2	1.7338
#3	2.0863

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.7	23020.	1906.5	33.138	2040.0
Stddev	3.3	54.	25.0	.550	4.4
%RSD	.18237	.23245	1.3096	1.6583	.21632

#1	1802.9	22965.	1902.2	32.549	2035.0
#2	1808.2	23072.	1933.3	33.230	2043.4
#3	1808.9	23024.	1883.9	33.637	2041.5

Sample Name: K3472-06MSD Acquired: 6/24/2019 20:39:11 Type: Unk
Method: P4-ICP2(v3227) 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	.73463	1.9105	.93844	1.8316	.74154	10.397	.50571	.19081
Stddev	.00015	.0048	.00210	.0091	.00157	.038	.00192	.00051
%RSD	.02068	.25026	.22413	.49638	.21161	.36834	.37884	.26876
#1	.73479	1.9154	.94063	1.8412	.74248	10.360	.50598	.19044
#2	.73459	1.9101	.93824	1.8231	.73972	10.395	.50367	.19060
#3	.73450	1.9059	.93644	1.8305	.74240	10.436	.50748	.19140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18257	2.5468	.41990	.19307	.30914	9.2769	.23130	4.1016
Stddev	.00036	.0343	.00220	.00020	.00137	.0200	.00105	.0944
%RSD	.19771	1.3477	.52293	.10403	.44414	.21535	.45485	2.3025
#1	.18294	2.5551	.42098	.19327	.31062	9.2898	.23224	3.9939
#2	.18253	2.5091	.42135	.19307	.30888	9.2871	.23150	4.1406
#3	.18222	2.5762	.41738	.19286	.30791	9.2539	.23017	4.1703
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48700	.07045	11.667	.32091	.28110	11.380	.40788	.49287
Stddev	.00041	.00075	.033	.00331	.00010	.038	.00151	.01270
%RSD	.08411	1.0621	.28617	1.0300	.03609	.33263	.36986	2.5768
#1	.48734	.07096	11.682	.32411	.28116	11.340	.40689	.48341
#2	.48654	.07081	11.629	.32111	.28115	11.383	.40712	.48790
#3	.48710	.06959	11.690	.31750	.28098	11.416	.40961	.50730
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1550	F 17.017	.67922	.56094	.22731	5.482	.26931	5.2465
Stddev	.0168	.184	.00165	.00600	.00200	.014	.00115	.3288
%RSD	.32534	1.0830	.24282	1.0694	.87857	.2476	.42795	6.2675
#1	5.1656	17.186	.67758	.56360	.22683	5.469	.26969	5.5763
#2	5.1357	17.044	.67919	.55407	.22950	5.482	.26801	4.9186
#3	5.1637	16.821	.68088	.56514	.22559	5.496	.27022	5.2447

Sample Name: K3472-06MSD Acquired: 6/24/2019 20:39:11 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5106
Stddev	.2120
%RSD	14.037

#1	1.3037
#2	1.7275
#3	1.5007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.4	22993.	1900.1	31.958	2041.4
Stddev	3.4	56.	11.0	1.432	7.4
%RSD	.18665	.24215	.57966	4.4797	.36462

#1	1809.5	22939.	1887.5	33.595	2043.1
#2	1805.9	23051.	1908.0	31.338	2033.3
#3	1812.7	22990.	1904.7	30.941	2047.9

Sample Name: K3472-06A Acquired: 6/24/2019 20:43:18 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8348 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72938	1.9085	.93762	1.8299	.73928	10.061	.50063	.19063
Stddev	.00132	.0050	.00615	.0039	.00048	.099	.00435	.00083
%RSD	.18134	.26244	.65573	.21407	.06526	.98278	.86930	.43647
#1	.72855	1.9040	.93052	1.8315	.73890	9.9483	.49580	.19017
#2	.73091	1.9139	.94110	1.8254	.73982	10.104	.50424	.19012
#3	.72869	1.9077	.94123	1.8328	.73911	10.132	.50186	.19159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18224	2.5064	.41700	.19218	.30847	9.2230	.22992	4.0278
Stddev	.00034	.0321	.00165	.00070	.00113	.0188	.00053	.0450
%RSD	.18663	1.2803	.39578	.36396	.36550	.20389	.22914	1.1165
#1	.18189	2.4839	.41873	.19177	.30725	9.2063	.22951	4.0185
#2	.18224	2.4922	.41682	.19298	.30869	9.2192	.22973	3.9882
#3	.18257	2.5432	.41544	.19177	.30948	9.2434	.23051	4.0767
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48570	.06989	11.547	.31799	.28080	11.286	.40418	.50211
Stddev	.00263	.00052	.064	.00091	.00088	.050	.00236	.01417
%RSD	.54171	.74436	.55630	.28645	.31185	.44661	.58329	2.8223
#1	.48338	.06944	11.478	.31820	.27986	11.244	.40433	.49125
#2	.48855	.07046	11.606	.31700	.28095	11.273	.40175	.49695
#3	.48516	.06977	11.555	.31878	.28159	11.342	.40646	.51814
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1737	F 16.690	.67590	.54281	.22491	5.469	.26599	5.3202
Stddev	.0129	.050	.00243	.00789	.00109	.014	.00124	.3684
%RSD	.24885	.30207	.36021	1.4538	.48384	.2542	.46552	6.9241
#1	5.1765	16.741	.67313	.54381	.22615	5.458	.26456	4.9270
#2	5.1597	16.640	.67688	.55016	.22448	5.464	.26669	5.6574
#3	5.1850	16.688	.67770	.53447	.22411	5.485	.26671	5.3761

Sample Name: K3472-06A Acquired: 6/24/2019 20:43:18 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8348 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5939
Stddev	.3395
%RSD	21.300

#1	1.7023
#2	1.2134
#3	1.8658

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.5	23076.	1908.9	31.876	2037.1
Stddev	5.3	30.	9.8	1.262	4.5
%RSD	.29020	.12916	.51475	3.9593	.22223

#1	1809.9	23051.	1898.3	33.207	2041.8
#2	1816.0	23109.	1917.8	31.726	2036.8
#3	1805.5	23068.	1910.6	30.696	2032.8

Sample Name: K3472-07 Acquired: 6/24/2019 20:47:25 Type: Unk
Method: P4-ICP2(v3227) 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	-.00057	.00619	.00154	.00041	11.673	.42663	.00044
Stddev	.00270	.00119	.00211	.00337	.00171	.055	.00074	.00007
%RSD	65.870	209.02	34.103	218.74	418.43	.47349	.17292	14.981
#1	-.00240	-.00029	.00671	-.00192	-.00130	11.736	.42596	.00037
#2	-.00722	.00046	.00799	.00174	.00042	11.640	.42650	.00049
#3	-.00268	-.00188	.00387	.00480	.00211	11.641	.42742	.00045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	2.0123	.01717	.00244	.01201	10.756	.05114	2.6495
Stddev	.00007	.0060	.00039	.00024	.00032	.029	.00061	.0877
%RSD	9.4123	.29914	2.2704	9.7997	2.6521	.26970	1.1897	3.3098
#1	-.00066	2.0159	.01740	.00251	.01225	10.754	.05182	2.7456
#2	-.00076	2.0156	.01672	.00263	.01213	10.728	.05064	2.6293
#3	-.00079	2.0053	.01740	.00217	.01165	10.786	.05097	2.5737
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00730	-.00110	7.3282	.02243	.15050	1.7258	.00048	.20442
Stddev	.00072	.00086	.0257	.00046	.00037	.0250	.00016	.02462
%RSD	9.8179	77.904	.35082	2.0728	.24562	1.4455	32.787	12.043
#1	.00758	-.00103	7.3124	.02198	.15072	1.7246	.00038	.23268
#2	.00648	-.00199	7.3578	.02241	.15007	1.7513	.00041	.19296
#3	.00782	-.00028	7.3142	.02291	.15070	1.7014	.00067	.18761
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7648	F 20.511	.00236	.45757	.01579	.0771	.01239	4.0931
Stddev	.0029	.113	.00130	.00669	.00172	.0017	.00010	.0569
%RSD	.07796	.55271	55.284	1.4616	10.912	2.208	.80696	1.3899
#1	3.7669	20.608	.00163	.46126	.01507	.0766	.01241	4.1341
#2	3.7614	20.386	.00386	.44985	.01454	.0757	.01248	4.0282
#3	3.7660	20.538	.00158	.46160	.01776	.0790	.01229	4.1171

Sample Name: K3472-07 Acquired: 6/24/2019 20:47:25 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1530
Stddev	.4072
%RSD	12.915

#1	3.6095
#2	3.0225
#3	2.8270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.4	23308.	1940.0	31.869	2065.7
Stddev	3.9	52.	16.2	1.438	4.1
%RSD	.21132	.22199	.83334	4.5128	.20016

#1	1826.9	23293.	1929.3	30.332	2062.7
#2	1825.5	23366.	1958.6	33.182	2064.0
#3	1832.8	23266.	1932.2	32.093	2070.4

Sample Name: K3472-08 Acquired: 6/24/2019 20:51:48 Type: Unk
Method: P4-ICP2(v3227) 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	.01883	-.00324	.06042	.00920	.00613	134.80	3.3792	.00575
Stddev	.00086	.00158	.00296	.00227	.00268	1.07	.0260	.00011
%RSD	4.5398	48.692	4.8960	24.679	43.719	.79207	.77068	1.9878
#1	.01840	-.00407	.06283	.00662	.00908	134.07	3.3674	.00576
#2	.01982	-.00422	.06131	.01088	.00547	134.30	3.3611	.00585
#3	.01828	-.00142	.05712	.01009	.00384	136.02	3.4090	.00563
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00633	7.4643	.21553	.04474	.19100	154.58	.82815	38.275
Stddev	.00026	.0691	.00152	.00038	.00135	1.15	.00122	.418
%RSD	4.1569	.92523	.70754	.84974	.70439	.74107	.14723	1.0920
#1	-.00619	7.3940	.21493	.04498	.18945	154.97	.82887	38.329
#2	-.00616	7.5320	.21439	.04430	.19187	153.28	.82674	37.833
#3	-.00663	7.4668	.21726	.04494	.19167	155.47	.82883	38.664
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10413	-.01372	21.212	.26851	1.3498	15.363	.00091	.90277
Stddev	.00011	.00033	.203	.00227	.0049	.189	.00049	.02960
%RSD	.10865	2.3732	.95591	.84389	.35957	1.2308	54.594	3.2790
#1	.10413	-.01379	21.146	.26610	1.3498	15.326	.00063	.92117
#2	.10424	-.01400	21.051	.26884	1.3547	15.195	.00148	.86862
#3	.10402	-.01336	21.440	.27059	1.3450	15.568	.00061	.91851
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9707	F 100.10	.01439	4.2911	.14910	.7404	-.05947	2.1764
Stddev	.0212	1.32	.00096	.0238	.00130	.0012	.00183	.0285
%RSD	.21261	1.3220	6.6863	.55362	.87173	.1588	3.0782	1.3113
#1	9.9464	99.488	.01506	4.2641	.14897	.7416	-.06089	2.1935
#2	9.9801	101.62	.01329	4.3090	.15045	.7393	-.05741	2.1923
#3	9.9856	99.200	.01482	4.3002	.14786	.7403	-.06012	2.1435

Sample Name: K3472-08 Acquired: 6/24/2019 20:51:48 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	38.776
Stddev	.469
%RSD	1.2092

#1	38.412
#2	39.305
#3	38.610

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.2	23246.	1995.9	32.247	1906.9
Stddev	3.4	97.	21.1	.999	7.4
%RSD	.18225	.41686	1.0571	3.0989	.38801

#1	1846.8	23190.	1997.4	31.149	1907.3
#2	1844.0	23358.	1974.1	32.488	1899.4
#3	1850.7	23191.	2016.2	33.104	1914.2

Sample Name: CCV08 Acquired: 6/24/2019 20:56:12 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1128	5.1688	5.0795	5.0809	4.9818	9.7110	10.042	.25873
Stddev	.0261	.0123	.0055	.0173	.0167	.0761	.078	.00076
%RSD	.51038	.23760	.10767	.34023	.33417	.78309	.77545	.29383
#1	5.1106	5.1814	5.0846	5.0896	4.9863	9.7067	9.9972	.25801
#2	5.1398	5.1681	5.0803	5.0921	4.9956	9.6372	9.9967	.25953
#3	5.0878	5.1569	5.0737	5.0610	4.9633	9.7891	10.132	.25865
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5245	26.067	1.0306	2.5037	1.2628	5.2657	2.5523	24.797
Stddev	.0026	.141	.0024	.0030	.0052	.0037	.0030	.170
%RSD	.10138	.54205	.22855	.12017	.41349	.07129	.11636	.68645
#1	2.5250	26.225	1.0326	2.5039	1.2630	5.2639	2.5516	24.751
#2	2.5268	25.952	1.0311	2.5066	1.2679	5.2700	2.5555	24.654
#3	2.5217	26.026	1.0280	2.5006	1.2575	5.2631	2.5497	24.985
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5481	1.2841	24.568	2.6055	2.5252	24.776	5.1827	4.9594
Stddev	.0019	.0013	.211	.0041	.0021	.194	.0176	.0425
%RSD	.07562	.10057	.85963	.15632	.08102	.78456	.33943	.85729
#1	2.5485	1.2856	24.466	2.6045	2.5267	24.817	5.1834	4.9697
#2	2.5498	1.2834	24.427	2.6100	2.5260	24.564	5.1999	4.9127
#3	2.5460	1.2834	24.811	2.6020	2.5228	24.946	5.1648	4.9959
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1208	5.4401	5.1900	5.1605	5.1089	5.246	F 5.5130	4.5746
Stddev	.0077	.0505	.0236	.0127	.0074	.010	.0081	.1753
%RSD	.14989	.92885	.45543	.24590	.14535	.1868	.14637	3.8325
#1	5.1238	5.4842	5.1813	5.1738	5.1081	5.235	5.5106	4.4196
#2	5.1121	5.4510	5.2168	5.1486	5.1167	5.254	5.5220	4.5392
#3	5.1265	5.3850	5.1720	5.1591	5.1019	5.249	5.5064	4.7649

Sample Name: CCV08 Acquired: 6/24/2019 20:56:12 Type: Unk
 Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.8205
 Stddev .2014
 %RSD 7.1413

#1 2.5950
 #2 2.9825
 #3 2.8838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.5	23127.	1940.3	30.867	1965.8
Stddev	3.3	40.	14.9	.258	.9
%RSD	.18078	.17265	.76903	.83731	.04697

#1	1842.0	23088.	1929.9	30.759	1966.7
#2	1838.0	23167.	1933.7	31.162	1965.9
#3	1844.6	23125.	1957.4	30.679	1964.8

Sample Name: CCB08 Acquired: 6/24/2019 21:00:10 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00081	.00051	.00045	-.00132	.00544	.00361	-.00004
Stddev	.00257	.00054	.00112	.00141	.00074	.00584	.00033	.00006
%RSD	1022.8	66.648	216.69	311.04	56.048	107.29	9.0469	146.90

#1	.00013	.00041	.00121	-.00118	-.00176	.00086	.00353	-.00010
#2	.00288	.00143	.00110	.00128	-.00175	.00345	.00333	.00003
#3	-.00226	.00060	-.00077	.00126	-.00047	.01201	.00397	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01296	-.00009	-.00014	.00020	.00247	-.00019	.01015
Stddev	.00010	.01060	.00044	.00007	.00030	.00026	.00010	.01627
%RSD	139.12	81.746	485.01	51.861	150.71	10.553	50.884	160.22

#1	-.00019	.01487	.00022	-.00006	.00047	.00217	-.00014	.02892
#2	-.00001	.00154	-.00059	-.00018	-.00012	.00260	-.00013	.00014
#3	-.00002	.02247	.00011	-.00019	.00025	.00264	-.00030	.00140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00081	-.00043	-.04476	-.00012	-.00149	.06745	.00077	-.00928
Stddev	.00045	.00070	.01219	.00027	.00003	.01544	.00052	.00810
%RSD	55.670	162.96	27.225	231.58	1.9938	22.894	67.581	87.289

#1	-.00112	-.00116	-.05752	-.00043	-.00145	.06791	.00120	-.00057
#2	-.00029	.00025	-.03324	.00008	-.00150	.05178	.00092	-.01067
#3	-.00101	-.00038	-.04353	-.00001	-.00151	.08265	.00019	-.01658

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00479	.02096	.00021	.00462	.00265	-.0029	.00032	F 3.6571
Stddev	.00542	.00207	.00034	.00040	.00234	.0010	.00020	.4117
%RSD	113.24	9.8801	160.55	8.7296	87.977	33.55	62.092	11.258

#1	-.00834	.02241	.00059	.00457	.00358	-.0018	.00032	3.8646
#2	.00145	.02188	.00014	.00424	.00439	-.0036	.00052	3.9238
#3	-.00748	.01859	-.00008	.00504	-.00000	-.0034	.00012	3.1829

Sample Name: CCB08 Acquired: 6/24/2019 21:00:10 Type: Unk
Method: P4-ICP2(v3227) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1196
Stddev .1525
%RSD 13.624

#1 1.0927
#2 .98226
#3 1.2838

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.6	23771.	1961.2	33.602	2172.7
Stddev	5.1	57.	18.4	1.459	4.2
%RSD	.27239	.23944	.93998	4.3427	.19447

#1	1883.2	23710.	1940.0	31.930	2167.9
#2	1893.5	23781.	1970.6	34.618	2174.6
#3	1889.1	23822.	1973.1	34.257	2175.7