

Sample Name: S0 Acquired: 06/17/2019 11:26:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 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	-.00088	-.00152	.00049	.00141	.00185	.00029	.00366	-.00468
Stddev	.00034	.00001	.00038	.00012	.00047	.00030	.00097	.00018
%RSD	38.954	.48096	78.929	8.7715	25.609	105.09	26.461	3.8873
#1	-.00112	-.00151	.00067	.00138	.00132	.00045	.00257	-.00474
#2	-.00049	-.00152	.00075	.00130	.00224	.00047	.00400	-.00448
#3	-.00103	-.00152	.00005	.00154	.00200	-.00006	.00442	-.00483
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00197	.00176	-.00000	-.00130	.00111	.00039	.00030	-.00017
Stddev	.00015	.00082	.00006	.00021	.00032	.00016	.00020	.00040
%RSD	7.6355	46.420	5129.1	16.484	29.171	40.232	66.754	237.42
#1	.00212	.00168	-.00004	-.00147	.00110	.00046	.00007	.00013
#2	.00182	.00261	.00007	-.00136	.00079	.00049	.00043	-.00063
#3	.00199	.00099	-.00003	-.00106	.00144	.00021	.00039	-.00001
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00484	-.00138	-.00122	.00036	.00071	.03726	-.00108	.00268
Stddev	.00024	.00017	.00110	.00013	.00051	.00062	.00007	.00006
%RSD	4.8893	12.469	90.676	37.008	71.252	1.6758	6.6036	2.0603
#1	-.00493	-.00146	-.00096	.00040	.00086	.03791	-.00105	.00269
#2	-.00502	-.00118	-.00026	.00021	.00015	.03723	-.00116	.00261
#3	-.00457	-.00149	-.00242	.00047	.00113	.03666	-.00103	.00272
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00116	.00021	.00542	.00019	.00000	.00817	.00186	
Stddev	.00004	.00004	.00031	.00004	.00018	.00098	.00127	
%RSD	3.1271	17.558	5.6413	19.514	5828.2	11.947	68.253	
#1	.00120	.00023	.00569	.00018	-.00014	.00816	.00045	
#2	.00114	.00017	.00509	.00023	-.00004	.00720	.00290	
#3	.00115	.00024	.00548	.00016	.00020	.00915	.00223	

Sample Name: S0 Acquired: 06/17/2019 11:26:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.8	1959.7	30460.	7524.6	3129.7
Stddev	13.7	3.2	228.	28.9	3.8
%RSD	1.0020	.16360	.74798	.38411	.12271
#1	1352.6	1956.8	30208.	7539.2	3129.3
#2	1359.9	1959.2	30519.	7491.3	3126.1
#3	1379.0	1963.2	30652.	7543.3	3133.7

Sample Name: S1 Acquired: 06/17/2019 11:30:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 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	-.00018	.00075	.00224	.00493	.01685	.01727	.78311	.02583
Stddev	.00012	.00008	.00004	.00039	.00021	.00132	.00230	.00039
%RSD	65.291	10.927	1.5831	7.9588	1.2497	7.6563	.29365	1.5207

#1	-.00021	.00066	.00227	.00447	.01698	.01601	.78063	.02593
#2	-.00028	.00082	.00220	.00517	.01696	.01715	.78518	.02616
#3	-.00005	.00076	.00225	.00514	.01661	.01865	.78351	.02539

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01921	.27925	.00234	.04065	.00696	.00509	.01286	.07667
Stddev	.00019	.00126	.00007	.00009	.00012	.00015	.00039	.00049
%RSD	.99805	.45221	2.9437	.23103	1.6827	2.9517	3.0685	.64470

#1	.01942	.27918	.00229	.04057	.00709	.00498	.01255	.07686
#2	.01905	.27803	.00231	.04062	.00693	.00503	.01330	.07704
#3	.01916	.28055	.00242	.04075	.00687	.00526	.01271	.07611

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02848	.00234	.02695	.00823	.01914	.13002	-.00070	.00496
Stddev	.00015	.00004	.00089	.00027	.00117	.00105	.00006	.00023
%RSD	.53141	1.9200	3.3000	3.3103	6.0996	.80760	8.3406	4.6287

#1	.02833	.00238	.02639	.00793	.01941	.13086	-.00075	.00514
#2	.02863	.00229	.02649	.00828	.01787	.13035	-.00069	.00470
#3	.02849	.00235	.02798	.00846	.02016	.12884	-.00064	.00503

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.01360	.00303	.04439	.00127	.03287	.05482	.75798	
Stddev	.00015	.00005	.00060	.00005	.00034	.00052	.00023	
%RSD	1.1146	1.5215	1.3590	3.7681	1.0331	.95403	.03071	

#1	.01360	.00298	.04504	.00125	.03249	.05455	.75805	
#2	.01375	.00307	.04429	.00133	.03314	.05448	.75772	
#3	.01344	.00302	.04385	.00124	.03298	.05542	.75818	

Sample Name: S1 Acquired: 06/17/2019 11:30:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.7	1960.8	30382.	7547.2	3157.0
Stddev	12.9	8.8	96.	77.1	5.3
%RSD	.95092	.44749	.31545	1.0217	.16759
#1	1360.0	1955.2	30361.	7459.5	3152.4
#2	1365.9	1970.9	30487.	7577.8	3162.8
#3	1341.2	1956.2	30299.	7604.3	3155.7

Sample Name: S2 Acquired: 06/17/2019 11:34:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 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	.08405	.11965	1.0898	.12549	.30338	3.0827	9.5374	.74531
Stddev	.00047	.00021	.0023	.00014	.00083	.0118	.0179	.00871
%RSD	.55952	.17807	.21435	.10905	.27452	.38416	.18807	1.1689

#1	.08459	.11989	1.0919	.12546	.30423	3.0960	9.5307	.73638
#2	.08376	.11958	1.0873	.12537	.30335	3.0732	9.5238	.74574
#3	.08379	.11949	1.0903	.12564	.30257	3.0789	9.5577	.75379

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0687	3.3085	.82852	.51064	.75276	1.6587	3.0003	.91551
Stddev	.0052	.0117	.00111	.00106	.00243	.0133	.0052	.00856
%RSD	.25275	.35215	.13445	.20838	.32259	.80431	.17411	.93549

#1	2.0699	3.3004	.82846	.51166	.75536	1.6504	3.0035	.90972
#2	2.0630	3.3032	.82966	.50954	.75237	1.6516	2.9943	.91145
#3	2.0732	3.3218	.82743	.51071	.75055	1.6741	3.0031	.92535

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.48598	.10220	.21008	.09278	1.1498	.71482	.05734	.38369
Stddev	.00114	.00068	.00320	.00059	.0171	.00104	.00045	.00422
%RSD	.23492	.66185	1.5254	.63729	1.4859	.14495	.78682	1.0986

#1	.48705	.10188	.20726	.09243	1.1678	.71560	.05758	.37900
#2	.48478	.10298	.20943	.09245	1.1479	.71365	.05682	.38492
#3	.48610	.10175	.21356	.09346	1.1338	.71522	.05761	.38716

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4830	.03936	.50915	.18221	.39227	1.1910	9.3575
Stddev	.0039	.00019	.00469	.00048	.00209	.0008	.0128
%RSD	.26263	.47160	.92179	.26322	.53275	.06516	.13676

#1	1.4811	.03934	.50407	.18271	.39454	1.1901	9.3720
#2	1.4805	.03919	.51008	.18175	.39043	1.1916	9.3529
#3	1.4875	.03956	.51331	.18217	.39185	1.1913	9.3476

Sample Name: S2 Acquired: 06/17/2019 11:34:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.4	1879.7	29587.	7385.7	2974.9
Stddev	4.6	1.3	133.	61.3	1.6
%RSD	.35443	.06801	.44866	.83023	.05347
#1	1299.5	1880.2	29692.	7453.0	2973.3
#2	1290.6	1878.2	29438.	7371.4	2976.5
#3	1293.1	1880.6	29632.	7332.9	2975.0

Sample Name: S3 Acquired: 06/17/2019 11:38:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 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	.17169	.24065	2.1951	.24735	.60855	6.3024	19.081	1.4804
Stddev	.00093	.00036	.0044	.00094	.00209	.0031	.074	.0111
%RSD	.54137	.15166	.19983	.38177	.34343	.04843	.38826	.74660

#1	.17066	.24031	2.1904	.24644	.60617	6.2989	19.000	1.4801
#2	.17246	.24060	2.1958	.24832	.60942	6.3040	19.096	1.4695
#3	.17196	.24103	2.1990	.24728	.61007	6.3044	19.146	1.4916

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1253	6.5685	1.6479	1.0306	1.5024	3.2456	5.9389	1.8220
Stddev	.0053	.0307	.0023	.0021	.0025	.0217	.0283	.0118
%RSD	.12901	.46682	.14079	.20078	.16542	.66990	.47675	.64980

#1	4.1213	6.5374	1.6456	1.0283	1.4996	3.2255	5.9075	1.8116
#2	4.1314	6.5696	1.6503	1.0314	1.5040	3.2428	5.9465	1.8195
#3	4.1234	6.5987	1.6479	1.0322	1.5038	3.2687	5.9625	1.8349

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.97935	.20672	.41742	.18222	2.3279	1.4095	.11887	.76978
Stddev	.00255	.00055	.00486	.00108	.0334	.0043	.00045	.00899
%RSD	.26018	.26419	1.1631	.59134	1.4349	.30215	.38196	1.1679

#1	.97641	.20617	.41277	.18127	2.3562	1.4057	.11838	.76395
#2	.98064	.20726	.41704	.18200	2.3365	1.4088	.11928	.76526
#3	.98098	.20672	.42246	.18339	2.2910	1.4141	.11894	.78013

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9918	.08025	1.0103	.36796	.78353	2.3978	18.800
Stddev	.0087	.00009	.0109	.00101	.00119	.0083	.047
%RSD	.29209	.11068	1.0757	.27454	.15190	.34473	.24840

#1	2.9837	.08016	1.0070	.36735	.78413	2.3916	18.755
#2	2.9905	.08034	1.0014	.36741	.78430	2.3948	18.795
#3	3.0011	.08025	1.0224	.36913	.78216	2.4072	18.848

Sample Name: S3 Acquired: 06/17/2019 11:38:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.7	1796.1	29243.	7271.9	2827.6
Stddev	10.6	2.7	249.	17.6	2.5
%RSD	.84399	.14940	.85140	.24160	.08827
#1	1251.8	1798.7	29243.	7283.3	2828.7
#2	1255.5	1796.3	28994.	7280.8	2824.8
#3	1271.8	1793.3	29492.	7251.7	2829.4

Sample Name: S4 Acquired: 06/17/2019 11:42:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 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	.35185	.47192	4.4131	.48902	1.2396	12.656	37.781	2.8704
Stddev	.00133	.00217	.0095	.00030	.0010	.061	.145	.0129
%RSD	.37659	.46010	.21483	.06207	.08462	.48460	.38440	.44839

#1	.35147	.47012	4.4032	.48925	1.2391	12.656	37.907	2.8851
#2	.35076	.47131	4.4139	.48914	1.2390	12.717	37.622	2.8610
#3	.35332	.47433	4.4221	.48867	1.2408	12.595	37.814	2.8651

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0833	12.907	3.2046	2.0587	2.9573	6.2524	11.605	3.6125
Stddev	.0151	.034	.0032	.0052	.0137	.0364	.015	.0232
%RSD	.18629	.26480	.09983	.25210	.46355	.58219	.12728	.64252

#1	8.0693	12.931	3.2061	2.0537	2.9592	6.2590	11.595	3.6125
#2	8.0812	12.868	3.2009	2.0584	2.9699	6.2131	11.598	3.5893
#3	8.0992	12.923	3.2068	2.0640	2.9427	6.2850	11.622	3.6357

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9524	.41778	.82310	.35683	4.7508	2.8094	.26002	1.5233
Stddev	.0056	.00155	.00593	.00374	.0975	.0089	.00104	.0034
%RSD	.28832	.37049	.72031	1.0491	2.0520	.31861	.39870	.22594

#1	1.9464	.41954	.82783	.35831	4.7928	2.8083	.25980	1.5210
#2	1.9532	.41665	.81645	.35258	4.8202	2.8188	.25911	1.5216
#3	1.9576	.41714	.82501	.35961	4.6393	2.8010	.26115	1.5272

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0430	.17505	1.9869	.73823	1.5330	4.7576	36.141
Stddev	.0060	.00019	.0022	.00155	.0072	.0123	.253
%RSD	.09838	.10570	.11164	.20942	.46948	.25751	.70049

#1	6.0469	.17487	1.9844	.73647	1.5322	4.7694	36.405
#2	6.0362	.17505	1.9885	.73889	1.5405	4.7450	35.900
#3	6.0459	.17524	1.9878	.73934	1.5262	4.7583	36.119

Sample Name: S4 Acquired: 06/17/2019 11:42:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.7	1676.7	28559.	7211.5	2646.9
Stddev	13.1	1.5	178.	22.6	7.4
%RSD	1.1042	.08904	.62297	.31331	.28071
#1	1177.4	1678.1	28355.	7192.0	2655.1
#2	1188.1	1676.7	28641.	7236.3	2645.2
#3	1203.5	1675.2	28682.	7206.4	2640.5

Sample Name: S5 Acquired: 06/17/2019 11:46:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S05 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	.73162	.90440	8.6908	.96456	2.5896	25.085	73.249	5.3709
Stddev	.00063	.00048	.0139	.00275	.0041	.015	.253	.0427
%RSD	.08595	.05284	.16004	.28490	.15922	.06124	.34483	.79459

#1	.73142	.90473	8.7031	.96586	2.5941	25.102	73.100	5.3929
#2	.73112	.90462	8.6757	.96641	2.5860	25.071	73.540	5.3217
#3	.73233	.90385	8.6936	.96140	2.5887	25.082	73.105	5.3981

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.539	24.875	6.0780	4.0588	5.7840	11.749	22.265	7.0477
Stddev	.023	.018	.0023	.0075	.0147	.022	.034	.0145
%RSD	.14830	.07162	.03831	.18560	.25352	.18927	.15259	.20573

#1	15.565	24.885	6.0769	4.0673	5.8009	11.726	22.294	7.0340
#2	15.525	24.885	6.0763	4.0527	5.7764	11.751	22.227	7.0461
#3	15.526	24.854	6.0806	4.0565	5.7747	11.770	22.274	7.0629

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8257	.82952	1.6035	.68507	9.8739	5.6232	.45746	2.8878
Stddev	.0063	.00537	.0047	.00191	.1545	.0133	.00107	.0285
%RSD	.16349	.64753	.29110	.27913	1.5648	.23593	.23323	.98691

#1	3.8321	.82385	1.6008	.68287	9.7047	5.6354	.45624	2.9115
#2	3.8196	.83018	1.6089	.68631	10.008	5.6091	.45824	2.8562
#3	3.8253	.83453	1.6009	.68604	9.9095	5.6252	.45789	2.8957

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.420	.31110	3.7274	1.4524	2.9828	9.2414	69.955
Stddev	.010	.00082	.0428	.0012	.0013	.0176	.258
%RSD	.08079	.26246	1.1475	.08218	.04350	.19054	.36834

#1	12.431	.31123	3.7686	1.4537	2.9838	9.2267	70.032
#2	12.419	.31185	3.6832	1.4523	2.9834	9.2609	70.166
#3	12.411	.31023	3.7303	1.4513	2.9814	9.2365	69.668

Sample Name: S5 Acquired: 06/17/2019 11:46:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.3	1495.5	27634.	7088.1	2436.9
Stddev	15.3	2.0	268.	37.6	3.4
%RSD	1.4048	.13673	.96938	.53047	.14137
#1	1103.6	1494.3	27943.	7047.5	2433.6
#2	1074.7	1494.3	27463.	7121.7	2436.7
#3	1080.6	1497.8	27498.	7094.9	2440.5

Sample Name: S6 Acquired: 06/17/2019 11:50:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70.768	43.123	33.924	12.312	4.8508
Stddev	.819	.367	.150	.068	.0333
%RSD	1.1569	.85041	.44320	.55126	.68687

#1	70.899	43.412	33.885	12.269	4.8274
#2	71.512	43.247	33.797	12.276	4.8361
#3	69.891	42.711	34.090	12.390	4.8889

Int. Std.	Y_3710
Units	Cts/S
Avg	6841.7
Stddev	18.2
%RSD	.26570

#1	6829.1
#2	6833.5
#3	6862.6

Sample Name: ICV Acquired: 06/17/2019 11:54:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9081508	1.012022	.9454516	.9464150	.9499668	2.386849
Stddev	.0061135	.004336	.0049506	.0026285	.0050292	.004919
%RSD	.6731830	.4284877	.5236218	.2777291	.5294122	.2060678

#1	.9082085	1.007942	.9417860	.9436224	.9457689	2.385939
#2	.9142353	1.011547	.9434857	.9488409	.9485907	2.392159
#3	.9020086	1.016576	.9510832	.9467817	.9555409	2.382449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4953773	.4918353	.4801600	9.824393	.5139137	.4825159
Stddev	.0020302	.0016303	.0008833	.035602	.0019237	.0010432
%RSD	.4098396	.3314652	.1839577	.3623856	.3743135	.2161932

#1	.4976451	.4915102	.4798052	9.859982	.5117744	.4821168
#2	.4947580	.4936037	.4795093	9.824421	.5144658	.4817312
#3	.4937289	.4903921	.4811655	9.788778	.5155010	.4836997

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4738570	5.128377	.5008380	5.655917	.4964189	.4779383
Stddev	.0027970	.037373	.0035352	.046888	.0008311	.0007956
%RSD	.5902654	.7287570	.7058584	.8290116	.1674121	.1664645

#1	.4767827	5.165731	.5047876	5.672545	.4954709	.4780046
#2	.4735787	5.128415	.4997567	5.692225	.4970219	.4771116
#3	.4712095	5.090984	.4979697	5.602981	.4967639	.4786986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.867972	.4987129	.9717035	9.115834	F -.002593	F .0044471
Stddev	.237179	.0021288	.0095562	.092804	.001602	.0006271
%RSD	2.403521	.4268562	.9834460	1.018056	61.80004	14.10229

#1	9.948447	.4993228	.9673931	9.111197	-.001152	.0051585
#2	9.601026	.5004702	.9826556	9.025436	-.004318	.0042084
#3	10.05444	.4963457	.9650617	9.210871	-.002308	.0039743

Sample Name: ICV Acquired: 06/17/2019 11:54:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0002408	F .0000356	F .0022992	F -.000456	F -.000515	F .0036237
Stddev	.0000952	.0016640	.0017039	.000333	.001201	.0012011
%RSD	39.53070	4677.796	74.10726	73.00556	233.3885	33.14511

#1	.0002139	.0019482	.0023186	-.000378	-.001817	.0049069
#2	.0001620	-.000761	.0005857	-.000821	.000548	.0025265
#3	.0003466	-.001081	.0039933	-.000169	-.000274	.0034375

Elem	Sr4077
Units	ppm
Avg	F .0114700
Stddev	.0000434
%RSD	.3783675

#1	.0115201
#2	.0114463
#3	.0114436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.175	1975.042	30823.99	7538.144	3201.718
Stddev	2.846	1.359	85.23	38.054	1.974
%RSD	.2078468	.0687865	.2764952	.5048226	.0616504

#1	1371.461	1975.225	30747.46	7496.520	3199.670
#2	1370.077	1976.300	30915.83	7546.764	3203.609
#3	1365.988	1973.601	30808.67	7571.150	3201.875

Sample Name: ICB Acquired: 06/17/2019 11:58:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001890	.0008545	-.000516	.0005491	-.002351	.0145231	.0002282
Stddev	.0020847	.0007635	.001099	.0027800	.001533	.0134747	.0005768
%RSD	1103.279	89.34927	212.9991	506.2546	65.19812	92.78148	252.7204

#1	-.001210	.0011200	-.001177	-.001093	-.002476	.0299826	.0007905
#2	-.000808	-.000006	-.001124	.003759	-.000760	.0052699	.0002562
#3	.002585	.001450	.000753	-.001019	-.003819	.0083167	-.000362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	.0000303	-.009687	.0000359	.0002308	.0019283	-.007021
Stddev	.000067	.0000353	.005941	.0005647	.0000587	.0020765	.007202
%RSD	80.34447	116.6072	61.33016	1574.530	25.41880	107.6866	102.5898

#1	-.000157	.0000380	-.013455	.0006878	.0001641	.0013844	-.013017
#2	-.000070	-.000008	-.002838	-.000279	.0002541	.0042226	.000969
#3	-.000024	.000061	-.012767	-.000301	.0002743	.0001778	-.009014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002918	.0326330	.0004900	.0010189	-.324015	.0004047	-.002470
Stddev	.0001192	.0246400	.0003869	.0001578	.156413	.0021166	.001107
%RSD	40.83506	75.50658	78.94768	15.48473	48.27322	523.0614	44.82169

#1	.0002259	.0098748	.0004915	.0010389	-.161077	-.002039	-.001275
#2	.0004293	.0292242	.0001025	.0011657	-.472962	.001632	-.003461
#3	.0002201	.0587999	.0008762	.0008520	-.338007	.001621	-.002674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.451702	-.002564	.0020507	-.000105	-.007922	-.004396	-.000338
Stddev	.058414	.000098	.0008285	.000181	.002442	.000325	.000234
%RSD	12.93203	3.816594	40.40016	171.5909	30.82915	7.385823	69.22624

#1	-.388086	-.002484	.0012568	-.000243	-.009938	-.004022	-.000561
#2	-.502927	-.002673	.0029098	.000100	-.005206	-.004554	-.000094
#3	-.464092	-.002534	.0019854	-.000173	-.008622	-.004611	-.000358

Sample Name: ICB Acquired: 06/17/2019 11:58:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026629	-.000197	-.000119
Stddev	.0015542	.001451	.000129
%RSD	58.36306	737.0734	108.5748

#1	.0030617	.001402	-.000115
#2	.0039788	-.001429	-.000250
#3	.0009482	-.000564	.000008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.622	1989.440	31005.01	7510.453	3204.415
Stddev	1.509	1.176	111.61	34.686	4.700
%RSD	.1103304	.0591003	.3599653	.4618345	.1466633

#1	1368.015	1990.420	30896.73	7482.050	3208.555
#2	1365.956	1988.136	30998.63	7549.110	3199.307
#3	1368.896	1989.763	31119.67	7500.200	3205.383

Sample Name: ICSA Acquired: 06/17/2019 12:02:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052869	.0066504	-.003375	-.025646	.0036740	263.9328
Stddev	.0042850	.0029563	.001172	.002088	.0022042	1.1550
%RSD	81.04908	44.45327	34.71205	8.141630	59.99480	.4376105

#1	.0079930	.0096184	-.002883	-.028057	.0031237	264.9905
#2	.0003465	.0066267	-.004713	-.024453	.0017971	262.7004
#3	.0075210	.0037059	-.002530	-.024428	.0061013	264.1077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065657	.0009932	.0018611	270.6980	.0560215	.0007892
Stddev	.0005135	.0000691	.0001364	.9590	.0007253	.0003059
%RSD	7.820169	6.954492	7.328815	.3542662	1.294724	38.76402

#1	.0063059	.0009168	.0018170	271.5792	.0555514	.0007917
#2	.0071572	.0010116	.0017522	269.6767	.0568568	.0010939
#3	.0062341	.0010512	.0020141	270.8382	.0556563	.0004820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000931	109.6308	.0157257	276.2319	.0015734	-.008074
Stddev	.003019	.1198	.0008516	.3363	.0002165	.000413
%RSD	324.2016	.1092792	5.415327	.1217492	13.76028	5.112552

#1	-.002704	109.7572	.0161989	276.5465	.0013281	-.007736
#2	-.002645	109.6164	.0147426	275.8775	.0016548	-.008534
#3	.002555	109.5189	.0162357	276.2718	.0017375	-.007952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.213709	.0001105	.0218654	.2143903	F .0106944	-.042543
Stddev	.198262	.0027182	.0037841	.0669316	.0071361	.001171
%RSD	92.77215	2460.282	17.30629	31.21948	66.72795	2.752252

#1	-.230067	-.001289	.0175339	.1504731	.0076283	-.042857
#2	-.007774	.003243	.0245291	.2839757	.0188511	-.041247
#3	-.403285	-.001623	.0235332	.2087223	.0056036	-.043525

Sample Name: ICSA Acquired: 06/17/2019 12:02:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007403	F .0061364	F -.000390	-.002038	F -.004306	W .0079204
Stddev	.0003544	.0009243	.000457	.000241	.000459	.0017124
%RSD	47.86942	15.06229	117.3965	11.81394	10.65041	21.62043

#1	.0011138	.0070088	-.000125	-.001785	-.003795	.0095599
#2	.0004088	.0051678	-.000918	-.002264	-.004442	.0080581
#3	.0006983	.0062326	-.000126	-.002065	-.004682	.0061433

Elem	Sr4077
Units	ppm
Avg	F .1118520
Stddev	.0008312
%RSD	.7431196

#1	.1128115
#2	.1113915
#3	.1113529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1217.505	1782.496	27791.68	7110.744	2706.502
Stddev	9.673	3.070	45.32	23.276	2.934
%RSD	.7944780	.1722389	.1630774	.3273418	.1084087

#1	1221.317	1782.816	27755.38	7125.689	2705.533
#2	1224.690	1785.393	27842.48	7122.617	2709.799
#3	1206.507	1779.278	27777.18	7083.925	2704.176

Sample Name: CCV086 Acquired: 06/17/2019 12:23:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV086 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906151	4.912248	24.70253	4.531206	4.885602	415.1373	10.19048
Stddev	.012106	.006471	.02194	.009639	.015292	2.7239	.03550
%RSD	.2467482	.1317321	.0888024	.2127172	.3129945	.6561326	.3483198

#1	4.898554	4.905326	24.67751	4.530053	4.880739	417.1075	10.20409
#2	4.899787	4.918146	24.71845	4.522195	4.873333	416.2753	10.21716
#3	4.920111	4.913272	24.71162	4.541369	4.902734	412.0289	10.15020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940002	2.395352	406.0693	15.31065	2.515865	15.28267	403.2825
Stddev	.0041369	.004970	1.1260	.01077	.003150	.05859	.8249
%RSD	.8374267	.2074653	.2772916	.0703727	.1251935	.3833784	.2045431

#1	.4963652	2.389729	406.3425	15.32069	2.512344	15.32894	402.9244
#2	.4964120	2.397175	407.0335	15.31199	2.516835	15.30228	402.6971
#3	.4892234	2.399153	404.8318	15.29927	2.518415	15.21679	404.2259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26160	394.9293	2.501315	1.261093	408.3151	2.500695	15.26940
Stddev	.06088	.8447	.001613	.005174	1.3134	.016308	.07362
%RSD	.3989414	.2138932	.0644692	.4102673	.3216547	.6521503	.4821510

#1	15.23141	394.3289	2.500045	1.260551	409.4595	2.482941	15.33915
#2	15.33168	394.5639	2.500771	1.256211	408.6046	2.504137	15.27661
#3	15.22171	395.8953	2.503129	1.266516	406.8811	2.515008	15.19244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.0755	4.869548	4.859438	4.734455	4.668479	5.063508	4.941729
Stddev	.5635	.021432	.025253	.013770	.022382	.021616	.005699
%RSD	.3633825	.4401264	.5196767	.2908555	.4794270	.4268940	.1153333

#1	155.4313	4.847031	4.866807	4.729351	4.685663	5.072357	4.935404
#2	155.3694	4.889699	4.880188	4.723966	4.643169	5.079296	4.943314
#3	154.4258	4.871913	4.831320	4.750049	4.676605	5.038872	4.946468

Sample Name: CCV086 Acquired: 06/17/2019 12:23:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV086 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.975066	5.005183	5.024485
Stddev	.026150	.018308	.021895
%RSD	.5256197	.3657856	.4357705

#1	5.000340	5.021092	4.999961
#2	4.976737	5.009285	5.031426
#3	4.948121	4.985172	5.042069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.741	1589.451	27205.55	6951.269	2454.163
Stddev	3.736	5.733	66.18	44.365	2.641
%RSD	.3336433	.3606925	.2432519	.6382285	.1076125

#1	1115.800	1588.848	27172.28	6909.620	2453.643
#2	1123.231	1595.461	27281.77	6946.261	2457.026
#3	1120.191	1584.043	27162.62	6997.925	2451.821

Sample Name: CCB086 Acquired: 06/17/2019 12:27:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001544	.0020061	.0004160	-.000175	-.002656	.0164951	-.000034
Stddev	.003066	.0003420	.0005848	.002064	.000442	.0146085	.000306
%RSD	198.5509	17.04644	140.5803	1181.943	16.62613	88.56296	888.5605

#1	-.004309	.0018992	.0010067	-.001730	-.003012	.0297919	.000171
#2	-.002076	.0017304	.0004042	-.000962	-.002162	.0008575	-.000386
#3	.001753	.0023888	-.000163	.002168	-.002794	.0188358	.000112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000256	.0001134	.0073457	.0005098	.0005632	.0010647	.0107913
Stddev	.0001202	.0001061	.0084227	.0002746	.0003401	.0035794	.0099735
%RSD	468.7361	93.57036	114.6621	53.86311	60.38636	336.1700	92.42142

#1	.0001606	.0000606	-.000804	.0004594	.0004794	.0007049	.0172406
#2	-.000014	.0000440	.016018	.0002639	.0002729	.0048104	.0158294
#3	-.000070	.0002356	.006823	.0008062	.0009374	-.002321	-.000696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006722	.0246023	.0008314	.0005690	.0152916	-.001083	-.002670
Stddev	.0003516	.0167941	.0004918	.0000831	.2685995	.001336	.002448
%RSD	52.31035	68.26205	59.15463	14.60005	1756.514	123.3129	91.71704

#1	.0003452	.0056797	.0013992	.0004731	-.293702	-.002548	-.000129
#2	.0010441	.0377367	.0005369	.0006141	.146591	.000068	-.005014
#3	.0006273	.0303906	.0005582	.0006197	.192986	-.000770	-.002867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.317209	-.004650	.0065552	.0005552	-.005570	-.003384	-.000315
Stddev	.011087	.001105	.0010188	.0001212	.001223	.000581	.000535
%RSD	3.495070	23.76490	15.54250	21.83118	21.95545	17.17066	170.1414

#1	-.310578	-.004244	.0072640	.0004575	-.004896	-.002810	.000087
#2	-.311042	-.003805	.0053876	.0006909	-.004831	-.003370	-.000922
#3	-.330008	-.005901	.0070139	.0005172	-.006981	-.003972	-.000108

Sample Name: CCB086 Acquired: 06/17/2019 12:27:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB086 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015483	-.000694	.0000643
Stddev	.0001430	.001597	.0001082
%RSD	9.233424	230.2141	168.4248

#1	.0014789	.000765	.0001700
#2	.0014532	-.002401	-.000046
#3	.0017127	-.000446	.000069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.553	1967.368	30564.35	7382.897	3181.447
Stddev	10.668	1.398	233.10	61.193	3.101
%RSD	.7940132	.0710519	.7626630	.8288528	.0974558

#1	1352.754	1965.873	30797.24	7430.560	3180.326
#2	1346.045	1968.642	30564.77	7313.890	3179.063
#3	1331.860	1967.591	30331.04	7404.240	3184.952

Sample Name: PB120633BL Acquired: 06/17/2019 12:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003399	.0003808	-.000054	-.003101	-.002018	.0112224	-.000151
Stddev	.003440	.0005611	.001353	.004041	.001124	.0084478	.000105
%RSD	101.2256	147.3753	2507.313	130.3198	55.66576	75.27659	69.61449

#1	-.000639	.0009960	-.001082	-.007635	-.003194	.0192545	-.000221
#2	-.002303	.0002492	-.000558	-.001790	-.001906	.0024127	-.000203
#3	-.007253	-.000103	.001478	.000122	-.000955	.0119999	-.000030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0000567	-.002425	.0001775	.0004970	.0027918	-.004705
Stddev	.000052	.0000428	.007004	.0005643	.0002708	.0004836	.006186
%RSD	125.1410	75.57795	288.7877	317.9604	54.49079	17.32371	131.4773

#1	-.000096	.0000239	.000904	.0008197	.0005877	.0031822	-.009024
#2	.000007	.0000410	.002293	-.000048	.0001925	.0029424	-.007472
#3	-.000034	.0001051	-.010473	-.000239	.0007108	.0022508	.002381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003336	.0054209	.0004377	.0009073	-.224512	-.001464	-.003002
Stddev	.0002264	.0080633	.0003957	.0005957	.117293	.002219	.002779
%RSD	67.86866	148.7449	90.41163	65.66384	52.24345	151.5859	92.56266

#1	.0005776	.0030201	.0008095	.0008560	-.150450	-.003070	-.000071
#2	.0002926	.0144119	.0004819	.0015270	-.163342	-.002388	-.003337
#3	.0001304	-.001169	.0000217	.0003388	-.359746	.001068	-.005597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.429346	-.002539	.0007644	.0001309	-.005239	-.003688	-.000178
Stddev	.061151	.000898	.0009220	.0001742	.003174	.000965	.001606
%RSD	14.24291	35.37832	120.6186	133.0977	60.58639	26.17715	902.9807

#1	-.425588	-.002331	.0012276	.0003237	-.005642	-.002877	-.001580
#2	-.492290	-.001763	-.000297	.0000843	-.008192	-.004756	.001574
#3	-.370161	-.003523	.001363	-.000015	-.001883	-.003432	-.000528

Sample Name: PB120633BL Acquired: 06/17/2019 12:31:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW633 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011456	-.002114	-.000057
Stddev	.0018165	.001319	.000072
%RSD	158.5585	62.38657	124.9299

#1	.0015758	-.000963	-.000001
#2	-.000847	-.001825	-.000033
#3	.002708	-.003553	-.000138

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.328	1968.390	30855.32	7434.327	3185.015
Stddev	15.734	3.143	258.42	28.976	1.057
%RSD	1.152386	.1596909	.8375132	.3897595	.0331731

#1	1357.529	1968.713	30787.34	7411.110	3185.792
#2	1355.018	1965.098	30637.68	7425.070	3183.812
#3	1383.438	1971.360	31140.93	7466.800	3185.442

Sample Name: PB120633BS Acquired: 06/17/2019 12:35:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS633 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202755	.0499113	.0185559	.0628493	.1057096	.3761416
Stddev	.0011437	.0009580	.0013533	.0015451	.0008216	.0052340
%RSD	5.640852	1.919335	7.293186	2.458425	.7772548	1.391488

#1	.0214879	.0509317	.0176496	.0621841	.1047612	.3816890
#2	.0192158	.0497709	.0201115	.0617482	.1062031	.3754450
#3	.0201229	.0490313	.0179066	.0646156	.1061646	.3712908

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3617162	.0102503	.0091643	8.847731	.0206128	.0882349
Stddev	.0013082	.0000671	.0001008	.015369	.0003646	.0005971
%RSD	.3616715	.6546108	1.099583	.1737035	1.768693	.6766742

#1	.3609281	.0103104	.0092645	8.830600	.0205430	.0884485
#2	.3609942	.0102625	.0091654	8.852284	.0202882	.0875604
#3	.3632263	.0101779	.0090630	8.860309	.0210073	.0886957

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0414520	.1797769	.0304930	8.612294	.0741255	.0190626
Stddev	.0010506	.0047531	.0000980	.063450	.0000581	.0000651
%RSD	2.534405	2.643880	.3213023	.7367325	.0784498	.3414821

#1	.0417701	.1803427	.0304580	8.594633	.0741133	.0189880
#2	.0423068	.1842217	.0306037	8.559545	.0741888	.0191083
#3	.0402792	.1747662	.0304173	8.682702	.0740744	.0190914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.348158	.0937350	.1074196	F 6.793093	.0195892	.1744547
Stddev	.430498	.0012730	.0018390	.081261	.0026206	.0010293
%RSD	4.605166	1.358092	1.711943	1.196236	13.37750	.5899941

#1	9.682766	.0951223	.1068884	6.699307	.0181300	.1733687
#2	9.499219	.0926206	.1059047	6.837416	.0180231	.1745796
#3	8.862488	.0934621	.1094657	6.842555	.0226145	.1754159

Sample Name: PB120633BS Acquired: 06/17/2019 12:35:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS633 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164547	.1459783	.1845935	F .0551423	.1656595	.0247720
Stddev	.0001246	.0053707	.0001783	.0012613	.0021083	.0010282
%RSD	.7571236	3.679108	.0965657	2.287434	1.272655	4.150466
#1	.0165384	.1467068	.1843883	.0538939	.1636245	.0236595
#2	.0165143	.1402806	.1847095	.0551167	.1655200	.0256872
#3	.0163116	.1509476	.1846827	.0564162	.1678341	.0249693

Elem	Sr4077
Units	ppm
Avg	.1848650
Stddev	.0004494
%RSD	.2430779
#1	.1848384
#2	.1853271
#3	.1844296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.325	2071.802	32280.88	7745.144	3374.228
Stddev	8.517	8.275	132.88	22.317	12.362
%RSD	.5929479	.3993891	.4116434	.2881404	.3663604
#1	1445.445	2080.789	32414.61	7757.565	3388.502
#2	1428.579	2064.499	32148.86	7719.380	3367.201
#3	1434.952	2070.118	32279.15	7758.486	3366.981

Sample Name: PB120633TB Acquired: 06/17/2019 12:39:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB633 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000802	-.000214	.0002710	-.002739	-.002312	-.005633	-.000230
Stddev	.003367	.002095	.0010846	.002226	.001443	.015650	.000772
%RSD	419.8766	978.8355	400.1752	81.25161	62.41065	277.8407	335.2723

#1	.002298	-.001999	-.000582	-.000847	-.002038	.011708	-.001060
#2	-.004384	-.000735	-.000097	-.002180	-.003872	-.009898	-.000096
#3	-.000320	.002092	.001492	-.005191	-.001026	-.018708	.000465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0000226	.0019867	.0001916	.0005258	.0021474	-.009176
Stddev	.000042	.0000817	.0102590	.0002784	.0004047	.0006605	.005416
%RSD	102.7828	361.2994	516.3742	145.2977	76.97112	30.75634	59.01603

#1	-.000070	.0001155	.0056596	.0004249	.0007435	.0027980	-.003428
#2	-.000060	-.000009	-.009603	.0002666	.0007751	.0014774	-.009919
#3	.000007	-.000039	.009904	-.000117	.0000588	.0021668	-.014182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003661	.0251199	.0007000	.0008476	-.193464	.0004138	-.002211
Stddev	.0006150	.0070683	.0003090	.0006094	.228739	.0015652	.002409
%RSD	167.9820	28.13842	44.13806	71.89524	118.2336	378.2206	108.9552

#1	.0009038	.0193679	.0003459	.0014430	-.117265	-.001362	-.004924
#2	-.000304	.0330106	.0009145	.0002251	-.012550	.001591	-.000321
#3	.000499	.0229812	.0008397	.0008747	-.450577	.001013	-.001388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.462157	-.002639	-.002868	.0000292	-.004053	-.005610	-.000818
Stddev	.034711	.000578	.000211	.0001062	.003090	.000169	.001014
%RSD	7.510698	21.91540	7.360643	363.9035	76.25156	3.014440	123.9355

#1	-.474139	-.003307	-.003093	-.000089	-.005415	-.005722	-.001854
#2	-.489290	-.002289	-.002674	.000115	-.000515	-.005691	.000174
#3	-.423042	-.002322	-.002839	.000062	-.006227	-.005415	-.000775

Sample Name: PB120633TB Acquired: 06/17/2019 12:39:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LEB633 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000031	-.003276	-.000154
Stddev	.001240	.001251	.000041
%RSD	3997.777	38.16823	26.54782

#1	-.001189	-.004712	-.000186
#2	.001278	-.002693	-.000169
#3	-.000182	-.002424	-.000108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.227	1961.440	30589.11	7453.433	3179.184
Stddev	9.847	4.293	61.15	34.677	12.772
%RSD	.7342062	.2188676	.1999222	.4652529	.4017280

#1	1346.556	1957.626	30520.05	7472.130	3166.535
#2	1329.863	1966.089	30636.38	7413.420	3192.074
#3	1347.261	1960.606	30610.91	7474.750	3178.943

Sample Name: K3208-20LX5 Acquired: 06/17/2019 18:24:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1712612	.0209559	.5011918	-.009707	.0151346	14.16016	.1845645
Stddev	.0018751	.0012729	.0026005	.002495	.0015290	.03096	.0005079
%RSD	1.094885	6.074447	.5188597	25.70721	10.10240	.2186385	.2751804

#1	.1715884	.0208473	.4981904	-.006840	.0147429	14.14153	.1848040
#2	.1692441	.0197407	.5027695	-.011387	.0168213	14.19590	.1839812
#3	.1729512	.0222796	.5026157	-.010894	.0138396	14.14305	.1849083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013060	.0015883	4.873418	.0044559	.0106098	.2128119	61.37086
Stddev	.0000814	.0000331	.016747	.0003477	.0003648	.0028816	.26384
%RSD	6.229235	2.085645	.3436376	7.801988	3.438299	1.354085	.4299145

#1	.0012340	.0015844	4.890327	.0043754	.0104201	.2096816	61.66696
#2	.0013942	.0016232	4.873087	.0041556	.0103790	.2153543	61.16071
#3	.0012899	.0015573	4.856838	.0048367	.0110304	.2133996	61.28491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.160615	5.698964	.0100353	.0775552	-.106830	.0591801	.3115077
Stddev	.009775	.024431	.0001942	.0004585	.233705	.0027392	.0106506
%RSD	.8422227	.4286910	1.935553	.5911617	218.7625	4.628564	3.419051

#1	1.171888	5.723734	.0100912	.0780243	-.150839	.0561670	.3080936
#2	1.154497	5.698270	.0098193	.0771081	-.315402	.0598533	.3234467
#3	1.155459	5.674887	.0101955	.0775332	.145750	.0615198	.3029827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.540452	1.317185	-.033927	.0071168	6.289920	.3161894	.0030727
Stddev	.067348	.011292	.000819	.0002127	.022322	.0007997	.0002971
%RSD	1.029719	.8572601	2.413341	2.988919	.3548812	.2529314	9.668688

#1	6.550036	1.325321	-.032987	.0072645	6.264459	.3162288	.0033704
#2	6.602495	1.304293	-.034308	.0072130	6.299179	.3169687	.0027762
#3	6.468825	1.321941	-.034486	.0068730	6.306122	.3153707	.0030715

Sample Name: K3208-20LX5 Acquired: 06/17/2019 18:24:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.200337	.0098001	.0822787
Stddev	.002333	.0012508	.0000968
%RSD	.1943910	12.76299	.1176544

#1	1.202763	.0111979	.0823876
#2	1.198109	.0087864	.0822025
#3	1.200138	.0094160	.0822459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.691	2001.568	30794.20	7537.708	3154.127
Stddev	22.333	2.911	293.97	5.008	2.408
%RSD	1.651026	.1454596	.9546411	.0664329	.0763505

#1	1362.383	2002.713	30750.08	7534.217	3155.219
#2	1327.149	1998.258	30524.79	7535.462	3155.796
#3	1368.542	2003.732	31107.74	7543.445	3151.367

Sample Name: PB120616BL Acquired: 06/17/2019 12:43:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS616 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006732	.0001374	-.000266	-.003047	-.003157	.0046734	-.000572
Stddev	.0014970	.0009910	.001458	.000660	.001044	.0186700	.000246
%RSD	222.3595	721.3496	548.0689	21.64923	33.07511	399.4919	42.96033

#1	-.000624	-.000899	-.001940	-.003508	-.004360	-.011655	-.000769
#2	.000333	.001076	.000413	-.003341	-.002634	.025028	-.000297
#3	.002311	.000235	.000729	-.002291	-.002478	.000647	-.000652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000519	-.000015	-.001990	.0006019	.0005560	.0023004	-.009364
Stddev	.0000730	.000113	.006661	.0003125	.0001861	.0022934	.006814
%RSD	140.7195	729.1507	334.7152	51.91440	33.47693	99.69402	72.76344

#1	.0001361	-.000070	.004540	.0007995	.0003922	-.000216	-.001521
#2	.0000084	-.000090	-.001736	.0002417	.0007584	.002845	-.012748
#3	.0000111	.000114	-.008774	.0007646	.0005173	.004273	-.013823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002961	.0015411	.0006504	.0008214	-.099902	.0007801	-.003158
Stddev	.0004491	.0275594	.0002171	.0001827	.072761	.0025364	.001476
%RSD	151.6832	1788.260	33.37308	22.24826	72.83243	325.1157	46.71939

#1	.0006013	-.026230	.0005871	.0006344	-.114266	-.001922	-.003536
#2	-.000220	.028883	.0004720	.0008302	-.164410	.003109	-.004409
#3	.000507	.001971	.0008921	.0009995	-.021030	.001154	-.001531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.490621	-.002694	-.003690	-.000019	-.007458	-.004145	-.000592
Stddev	.034364	.000447	.000552	.000101	.003278	.000106	.000798
%RSD	7.004133	16.60027	14.95454	542.5671	43.94692	2.559731	134.7921

#1	-.461095	-.002952	-.003166	.000021	-.010002	-.004258	-.000821
#2	-.482427	-.002951	-.004266	-.000134	-.008612	-.004048	-.001251
#3	-.528341	-.002177	-.003639	.000057	-.003759	-.004128	.000295

Sample Name: PB120616BL Acquired: 06/17/2019 12:43:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS616 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013070	-.004047	-.000177
Stddev	.0004971	.001725	.000096
%RSD	38.02941	42.62657	54.33539

#1	.0015788	-.004298	-.000284
#2	.0016090	-.005633	-.000148
#3	.0007334	-.002210	-.000098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.578	1952.852	30628.57	7397.617	3170.064
Stddev	13.074	6.452	131.75	30.503	9.164
%RSD	.9730378	.3304092	.4301551	.4123297	.2890732

#1	1328.581	1954.647	30577.28	7432.350	3171.584
#2	1352.568	1958.216	30778.25	7385.310	3178.373
#3	1349.586	1945.691	30530.18	7375.190	3160.235

Sample Name: K3330-01 Acquired: 06/17/2019 12:52:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF39 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 18.36270	.0033011	.0992679	-.008605	-.001621	57.35227
Stddev	.05230	.0015050	.0026530	.002163	.001132	.11081
%RSD	.2848332	45.59057	2.672610	25.14281	69.82868	.1932176

#1	18.31535	.0048449	.1015630	-.006230	-.002873	57.41843
#2	18.35391	.0032200	.0998776	-.009120	-.001318	57.41405
#3	18.41884	.0018382	.0963630	-.010464	-.000671	57.22434

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.080975	.0021319	-.000516	13.99563	.0525090	.0026082
Stddev	.008280	.0001250	.000090	.04275	.0006860	.0002920
%RSD	.3978924	5.864843	17.44231	.3054790	1.306375	11.19380

#1	2.084491	.0019912	-.000440	13.98022	.0530079	.0028254
#2	2.086918	.0021740	-.000615	14.04395	.0517268	.0027229
#3	2.071518	.0022304	-.000492	13.96271	.0527923	.0022763

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380289	29.22374	.0367256	1.640124	.0109847	-.001333
Stddev	.0006566	.16524	.0005035	.003471	.0001938	.000043
%RSD	.4756687	.5654345	1.371050	.2116257	1.764389	3.244588

#1	.1385740	29.15431	.0372919	1.636231	.0107612	-.001359
#2	.1382126	29.41237	.0363283	1.642896	.0111067	-.001357
#3	.1373000	29.10454	.0365566	1.641245	.0110861	-.001283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.66964	.1446929	.7179339	-.044110	.7239654	.3423086
Stddev	.29515	.0033028	.0158848	.032815	.0023328	.0029619
%RSD	2.329592	2.282617	2.212565	74.39470	.3222214	.8652798

#1	12.97617	.1426132	.7322642	-.055516	.7212936	.3390178
#2	12.64538	.1429642	.7206836	-.069699	.7255982	.3431471
#3	12.38736	.1485012	.7008538	-.007113	.7250044	.3447608

Sample Name: K3330-01 Acquired: 06/17/2019 12:52:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF39 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	3.298708	29.20136	-.001152	.0438412	-.001198
Stddev	.000263	.007329	.13957	.000644	.0016319	.001197
%RSD	149.6408	.2221730	.4779645	55.89677	3.722180	99.92360
#1	.000090	3.300291	29.05339	-.001886	.0419867	-.000897
#2	-.000181	3.305117	29.22001	-.000680	.0450572	-.000180
#3	-.000435	3.290717	29.33066	-.000891	.0444798	-.002516

Elem	Sr4077
Units	ppm
Avg	.0981819
Stddev	.0003812
%RSD	.3882663
#1	.0982636
#2	.0977664
#3	.0985156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.129	2263.057	35267.41	8557.490	3335.874
Stddev	16.937	7.961	190.08	23.501	4.871
%RSD	1.084931	.3518028	.5389618	.2746229	.1460256
#1	1546.305	2266.645	35048.57	8584.595	3335.575
#2	1557.493	2268.594	35362.27	8545.074	3340.888
#3	1579.589	2253.934	35391.39	8542.801	3331.159

Sample Name: PB120616BS Acquired: 06/17/2019 12:48:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS616 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140654	.0461608	.0172128	.0592063	.1067677	.4023892
Stddev	.0023140	.0002620	.0000393	.0018703	.0015201	.0199308
%RSD	16.45147	.5676588	.2282061	3.158964	1.423710	4.953103

#1	.0163209	.0458857	.0171831	.0591194	.1050250	.4239543
#2	.0116971	.0464075	.0172574	.0611185	.1074576	.3846465
#3	.0141781	.0461893	.0171980	.0573809	.1078205	.3985667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3869370	.0095521	.0096292	9.380087	.0223841	.0925433
Stddev	.0009622	.0001158	.0000386	.024237	.0005308	.0006433
%RSD	.2486704	1.212398	.4004233	.2583854	2.371235	.6951794

#1	.3868533	.0094859	.0096419	9.353492	.0225182	.0923625
#2	.3860194	.0096858	.0095859	9.385841	.0217991	.0920096
#3	.3879383	.0094846	.0096598	9.400930	.0228350	.0932576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456691	.2009894	.0328544	8.987640	.0760503	.0198262
Stddev	.0032844	.0032079	.0005914	.070580	.0002431	.0003210
%RSD	7.191759	1.596047	1.800149	.7853041	.3197008	1.618881

#1	.0432481	.2045459	.0335015	9.069134	.0758832	.0196651
#2	.0443515	.2001079	.0327198	8.946095	.0763292	.0201959
#3	.0494077	.1983144	.0323419	8.947692	.0759384	.0196178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.645088	.0999163	.1214784	8.518168	.0220158	.1767144
Stddev	.305575	.0008425	.0033673	.098003	.0036203	.0027956
%RSD	3.168198	.8432501	2.771898	1.150513	16.44413	1.581989

#1	9.372112	.0996979	.1190628	8.487518	.0178455	.1736379
#2	9.975198	.0992045	.1253248	8.439153	.0243527	.1790992
#3	9.587954	.1008466	.1200475	8.627832	.0238491	.1774061

Sample Name: PB120616BS Acquired: 06/17/2019 12:48:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS616 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181093	.1417098	.1857688	F .0578081	.1789403	.0293656
Stddev	.0002758	.0026596	.0026295	.0011591	.0007420	.0024209
%RSD	1.523026	1.876789	1.415471	2.005125	.4146389	8.244025

#1	.0183919	.1389982	.1832565	.0573814	.1792614	.0304953
#2	.0178408	.1443141	.1885016	.0591201	.1780918	.0310151
#3	.0180952	.1418170	.1855482	.0569229	.1794675	.0265863

Elem	Sr4077
Units	ppm
Avg	.1979449
Stddev	.0004916
%RSD	.2483706

#1	.1973845
#2	.1981466
#3	.1983036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.812	1868.005	29294.10	7131.009	3047.797
Stddev	11.013	2.672	182.47	29.561	3.054
%RSD	.8585068	.1430619	.6229002	.4145355	.1001891

#1	1285.786	1864.940	29113.76	7153.232	3048.370
#2	1270.617	1869.227	29289.91	7142.335	3044.497
#3	1292.032	1869.848	29478.63	7097.460	3050.523

Sample Name: K3330-03 Acquired: 06/17/2019 13:00:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF47 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626916	.0032404	.2799774	-.004552	-.001453	9.329464	2.139820
Stddev	.0026040	.0025820	.0020989	.001455	.001133	.027276	.000215
%RSD	4.153622	79.68123	.7496529	31.97430	77.99892	.2923589	.0100421

#1	.0619210	.0004328	.2778556	-.004418	-.002716	9.354847	2.139667
#2	.0605598	.0055130	.2800242	-.003168	-.001117	9.332919	2.140065
#3	.0655939	.0037755	.2820525	-.006070	-.000526	9.300625	2.139727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007212	.0012407	5.107753	.0133017	.0023419	.0781710	8.578767
Stddev	.0001113	.0000583	.010207	.0007592	.0002125	.0004943	.025880
%RSD	15.42796	4.697816	.1998341	5.707548	9.072261	.6323659	.3016769

#1	.0008497	.0013009	5.112024	.0124305	.0024893	.0783469	8.575967
#2	.0006555	.0011846	5.096104	.0138218	.0020984	.0776127	8.554401
#3	.0006585	.0012365	5.115130	.0136527	.0024381	.0785533	8.605934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1218033	1.098806	.0148970	.0005272	8.971463	.0418056	.9932662
Stddev	.0006082	.031239	.0000895	.0001517	.233788	.0041046	.0089432
%RSD	.4993351	2.842959	.6007820	28.77796	2.605902	9.818191	.9003798

#1	.1214950	1.128418	.0148368	.0004675	8.714349	.0456004	.9997959
#2	.1214110	1.066162	.0149998	.0004144	9.028775	.0374492	.9969299
#3	.1225039	1.101840	.0148543	.0006996	9.171265	.0423673	.9830730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.192702	.4031034	.4955171	.0029122	2.386046	6.059987	.0029269
Stddev	.038544	.0003946	.0028246	.0000969	.008003	.017648	.0014410
%RSD	20.00165	.0978968	.5700282	3.328855	.3354254	.2912243	49.23201

#1	-.148405	.4033120	.4922902	.0029200	2.378490	6.042452	.0019189
#2	-.218587	.4026483	.4967202	.0030049	2.385216	6.077746	.0022844
#3	-.211113	.4033501	.4975409	.0028115	2.394432	6.059765	.0045774

Sample Name: K3330-03 Acquired: 06/17/2019 13:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0647440	-.003668	.0533289
Stddev	.0007105	.001158	.0002134
%RSD	1.097336	31.57112	.4001245

#1	.0654587	-.002617	.0534265
#2	.0640379	-.004909	.0534760
#3	.0647353	-.003477	.0530841

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.224	2067.472	32478.96	7808.359	3342.109
Stddev	8.552	4.117	98.84	36.956	3.897
%RSD	.5983599	.1991322	.3043340	.4732855	.1166004

#1	1438.485	2072.193	32592.91	7849.930	3346.137
#2	1421.625	2064.626	32416.33	7779.231	3338.358
#3	1427.561	2065.598	32427.64	7795.916	3341.831

Sample Name: K3330-02 Acquired: 06/17/2019 12:56:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5860869	.0028697	.8338168	-.006413	.0004245	16.32829	2.035775
Stddev	.0043319	.0004659	.0007929	.002271	.0009278	.03392	.005613
%RSD	.7391182	16.23550	.0950941	35.40974	218.5678	.2077528	.2757246

#1	.5825665	.0023511	.8334165	-.007515	.0008393	16.34276	2.031776
#2	.5847698	.0032529	.8347301	-.007923	.0010725	16.35257	2.033358
#3	.5909245	.0030052	.8333039	-.003802	-.000638	16.28953	2.042192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015052	.0011176	5.945872	.0154050	.0076924	.2187087	11.51402
Stddev	.0000264	.0000703	.004605	.0000897	.0002922	.0020008	.06126
%RSD	1.753278	6.285715	.0774476	.5824250	3.799151	.9148435	.5320227

#1	.0015332	.0011907	5.944520	.0153289	.0079740	.2179379	11.52592
#2	.0015016	.0010506	5.942094	.0155039	.0077125	.2172079	11.44768
#3	.0014808	.0011115	5.951001	.0153821	.0073906	.2209803	11.56845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2646898	.8947458	.0269644	-.000242	8.717342	.0254801	1.426867
Stddev	.0009903	.0049741	.0001769	.000059	.301473	.0011867	.010457
%RSD	.3741349	.5559278	.6558872	24.29513	3.458314	4.657265	.7328368

#1	.2639798	.8961626	.0269190	-.000207	8.743980	.0268384	1.431303
#2	.2642685	.8988578	.0268147	-.000310	9.004612	.0246446	1.414924
#3	.2658211	.8892170	.0271596	-.000209	8.403434	.0249572	1.434375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.564467	.5228299	.4166599	.0002206	2.566367	10.51558	.0005804
Stddev	.039925	.0030415	.0041227	.0003040	.011737	.07947	.0005629
%RSD	7.073055	.5817439	.9894559	137.8176	.4573228	.7557209	96.98619

#1	-.555178	.5193201	.4131464	.0005168	2.563959	10.42550	.0006865
#2	-.530006	.5244754	.4156348	.0002357	2.556022	10.54549	-.000028
#3	-.608219	.5246941	.4211983	-.000091	2.579121	10.57576	.001083

Sample Name: K3330-02 Acquired: 06/17/2019 12:56:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0822746	.0005696	.0694288
Stddev	.0005125	.0007045	.0001270
%RSD	.6229103	123.7014	.1829787

#1	.0828171	.0010999	.0695749
#2	.0817986	-.000230	.0693665
#3	.0822081	.000839	.0693449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.474	2098.721	32796.32	7904.084	3347.684
Stddev	11.598	3.373	167.52	36.031	4.247
%RSD	.8040339	.1607112	.5108041	.4558507	.1268503

#1	1445.367	2101.874	32605.03	7945.231	3351.003
#2	1452.351	2099.126	32916.86	7888.843	3349.150
#3	1429.703	2095.164	32867.08	7878.179	3342.898

Sample Name: K3330-04 Acquired: 06/17/2019 13:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431514	.0011423	.0288057	-.000266	.0001057	13.59407	2.248414
Stddev	.006792	.0009356	.0019842	.001129	.0008448	.02889	.003012
%RSD	.4744742	81.90176	6.888116	424.9960	799.0309	.2125328	.1339719

#1	1.428741	.0003713	.0270196	-.001537	-.000402	13.62547	2.249955
#2	1.426548	.0008725	.0284559	.000124	-.000362	13.58815	2.244943
#3	1.439255	.0021831	.0309415	.000616	.001081	13.56861	2.250344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003259	-.000106	3.060049	.0066655	.0007550	.0146823	.7571159
Stddev	.0001115	.000037	.0111174	.0004942	.0000582	.0009497	.0105477
%RSD	34.20851	34.78052	.3651428	7.414294	7.709701	6.468649	1.393138

#1	.0003353	-.000139	3.047520	.0072174	.0007186	.0155218	.7487655
#2	.0002100	-.000066	3.068983	.0062640	.0008221	.0148737	.7689694
#3	.0004324	-.000112	3.063643	.0065151	.0007242	.0136515	.7536129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075612	.6035933	.0048436	.0009935	12.51483	.0112095	1.017166
Stddev	.0004323	.0163035	.0003104	.0000713	.22164	.0026348	.008555
%RSD	5.716904	2.701066	6.409303	7.172727	1.770987	23.50515	.8410184

#1	.0079930	.6128073	.0045272	.0009997	12.25942	.0111364	1.009521
#2	.0071285	.5847691	.0051477	.0010615	12.65662	.0086120	1.026406
#3	.0075622	.6132036	.0048557	.0009194	12.62844	.0138801	1.015571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065926	.2183659	.6518042	.0002938	3.282869	6.684766	-.000030
Stddev	.025413	.0007449	.0101710	.0003007	.012878	.080021	.000758
%RSD	38.54740	.3411252	1.560442	102.3417	.3922807	1.197068	2491.361

#1	-.092213	.2175100	.6408499	.0002481	3.288527	6.601574	.000664
#2	-.064076	.2187201	.6536139	.0000185	3.268130	6.691537	-.000839
#3	-.041488	.2188676	.6609490	.0006146	3.291949	6.761186	.000084

Sample Name: K3330-04 Acquired: 06/17/2019 13:04:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0680644	-.009250	.0446083
Stddev	.0011990	.001516	.0000585
%RSD	1.761538	16.38884	.1310883

#1	.0689484	-.007505	.0446162
#2	.0666996	-.009995	.0445463
#3	.0685451	-.010249	.0446625

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.997	2058.746	31687.55	7654.642	3333.639
Stddev	7.220	4.875	145.82	24.696	9.451
%RSD	.5164841	.2368168	.4601705	.3226333	.2834958

#1	1398.551	2062.819	31700.37	7671.779	3340.901
#2	1390.516	2060.074	31535.74	7665.814	3337.062
#3	1404.925	2053.343	31826.53	7626.334	3322.954

Sample Name: K3330-05 Acquired: 06/17/2019 13:08:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF50D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.435280	.0022256	.0291943	-.003662	-.002452	13.49509	2.257803
Stddev	.006308	.0013847	.0015902	.000754	.001307	.02529	.008780
%RSD	.4395187	62.21852	5.447030	20.59942	53.30155	.1873975	.3888605

#1	1.429907	.0029948	.0273585	-.003605	-.001054	13.50851	2.251567
#2	1.433709	.0030550	.0300764	-.004443	-.003643	13.51083	2.267843
#3	1.442226	.0006270	.0301480	-.002938	-.002659	13.46591	2.253998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003847	-.000163	3.072689	.0069274	.0006423	.0137099	.7512844
Stddev	.0000741	.000056	.008025	.0001709	.0001862	.0031579	.0110376
%RSD	19.25916	34.44854	.2611742	2.466514	28.99207	23.03386	1.469160

#1	.0003908	-.000138	3.080511	.0069173	.0008194	.0126512	.7630186
#2	.0003078	-.000124	3.064476	.0067619	.0004481	.0112173	.7411093
#3	.0004556	-.000227	3.073080	.0071031	.0006592	.0172611	.7497253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077644	.6288792	.0047141	.0004633	12.51608	.0092560	.9994810
Stddev	.0005580	.0095902	.0001955	.0002646	.40595	.0014464	.0123667
%RSD	7.186608	1.524963	4.146854	57.11963	3.243421	15.62639	1.237311

#1	.0082901	.6181659	.0044896	.0005888	12.06924	.0076456	.9923290
#2	.0078242	.6366629	.0048064	.0001592	12.86215	.0096779	1.013761
#3	.0071789	.6318088	.0048464	.0006418	12.61686	.0104445	.992353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078806	.2241156	.6510970	.0002072	3.276174	6.608010	.0003328
Stddev	.014716	.0025030	.0042676	.0002407	.010509	.031381	.0001976
%RSD	18.67377	1.116836	.6554534	116.1836	.3207755	.4748918	59.39140

#1	-.063484	.2213888	.6560246	.0002934	3.286590	6.642654	.0005223
#2	-.092830	.2246493	.6485902	.0003930	3.265574	6.581490	.0003480
#3	-.080103	.2263088	.6486762	-.000065	3.276356	6.599887	.0001280

Sample Name: K3330-05 Acquired: 06/17/2019 13:08:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF50D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0638846	-.007023	.0446331
Stddev	.0013720	.002365	.0001528
%RSD	2.147644	33.67788	.3422849

#1	.0623424	-.009667	.0444802
#2	.0643416	-.005109	.0446333
#3	.0649698	-.006292	.0447858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.886	2056.658	31870.31	7684.051	3331.598
Stddev	6.885	1.862	121.42	14.375	6.193
%RSD	.4886617	.0905501	.3809666	.1870717	.1858935

#1	1413.536	2058.804	31834.61	7688.432	3337.845
#2	1400.977	2055.471	31770.74	7695.724	3325.460
#3	1412.145	2055.698	32005.57	7667.995	3331.489

Sample Name: K3330-06 Acquired: 06/17/2019 13:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF50S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.460089	.0574313	.0483416	.0478654	.0865250	14.29408	2.793820
Stddev	.003813	.0011313	.0017041	.0017449	.0003118	.04581	.008060
%RSD	.2611451	1.969905	3.525086	3.645326	.3603659	.3204488	.2885109

#1	1.458091	.0579306	.0482600	.0458661	.0862352	14.31159	2.802268
#2	1.464485	.0561361	.0500850	.0490813	.0868549	14.32854	2.786214
#3	1.457689	.0582270	.0466798	.0486487	.0864849	14.24210	2.792977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541649	.0523064	2.217453	.2216856	.5041116	.2412279	1.616483
Stddev	.0004939	.0001440	.005261	.0018802	.0008841	.0019617	.008312
%RSD	.9119101	.2752735	.2372482	.8481460	.1753781	.8131983	.5142129

#1	.0537141	.0524036	2.223087	.2227014	.5032769	.2407002	1.614578
#2	.0546929	.0523745	2.212668	.2195160	.5040200	.2433994	1.625582
#3	.0540878	.0521409	2.216603	.2228394	.5050380	.2395841	1.609289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5474124	.4669067	.5200796	.0507649	5.266117	.5356600	.8338607
Stddev	.0026023	.0139964	.0002701	.0012568	.229095	.0060698	.0045554
%RSD	.4753902	2.997684	.0519423	2.475621	4.350367	1.133144	.5462982

#1	.5496700	.4790645	.5200578	.0499947	5.517384	.5425088	.8354350
#2	.5445661	.4516061	.5203600	.0500850	5.212130	.5309462	.8287270
#3	.5480010	.4700497	.5198210	.0522152	5.068837	.5335250	.8374202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.75189	.2132754	.1718346	.0003433	1.865704	4.519337	-.001090
Stddev	.03237	.0031910	.0017585	.0001431	.007974	.022743	.000871
%RSD	1.847527	1.496194	1.023346	41.69832	.4273841	.5032405	79.92937

#1	-1.71792	.2123880	.1699195	.0002337	1.858097	4.525624	-.001841
#2	-1.78237	.2168162	.1722076	.0002909	1.874000	4.538276	-.000135
#3	-1.75537	.2106221	.1733765	.0005052	1.865015	4.494112	-.001295

Sample Name: K3330-06 Acquired: 06/17/2019 13:12:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF50S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0141970	-.007982	.0250178
Stddev	.0016329	.000712	.0002089
%RSD	11.50141	8.923122	.8349150

#1	.0123630	-.008623	.0252169
#2	.0154927	-.007215	.0250361
#3	.0147355	-.008107	.0248003

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.000	2051.535	31557.43	7705.536	3321.171
Stddev	4.517	2.425	191.67	16.960	2.555
%RSD	.3254408	.1182251	.6073668	.2200976	.0769221

#1	1392.393	2049.316	31543.18	7697.943	3318.811
#2	1388.239	2054.124	31755.82	7693.699	3320.817
#3	1383.368	2051.164	31373.28	7724.965	3323.883

Sample Name: K3330-04LX5 Acquired: 06/17/2019 13:16:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF50L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2710403	.0007190	.0051412	-.000449	-.001700	3.050793	.3645640
Stddev	.0003646	.0024238	.0022129	.002300	.000906	.029503	.0015009
%RSD	.1345238	337.1271	43.04188	512.0817	53.30655	.9670645	.4116966

#1	.2711405	.0032696	.0031858	.001441	-.000799	3.083159	.3662966
#2	.2713444	-.001554	.0075433	-.003009	-.001689	3.025404	.3637341
#3	.2706361	.000441	.0046943	.000221	-.002611	3.043816	.3636614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000017	.5570853	.0008450	.0007262	.0089592	.1259097
Stddev	.000044	.000057	.0056645	.0006933	.0001768	.0006660	.0021078
%RSD	441.2425	331.7615	1.016810	82.04324	24.34190	7.433597	1.674043

#1	-.000059	.000037	.5557736	.0011365	.0006659	.0087180	.1258279
#2	.000023	-.000012	.5521917	.0013450	.0005874	.0097121	.1280572
#3	.000007	-.000077	.5632906	.0000536	.0009252	.0084474	.1238440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017849	.1130678	.0013894	.0007705	1.896966	.0025844	.1646392
Stddev	.0004042	.0111339	.0006153	.0004551	.067558	.0036057	.0060739
%RSD	22.64637	9.847087	44.28083	59.06037	3.561380	139.5165	3.689188

#1	.0015316	.1198813	.0010379	.0002518	1.925921	.0043228	.1683126
#2	.0015720	.1191029	.0020998	.0009574	1.945221	-.001561	.1576284
#3	.0022510	.1002194	.0010306	.0011025	1.819757	.004992	.1679766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4210970	.0424262	.0983405	.0001380	.5571150	.9481473	-.000162
Stddev	.0900282	.0023206	.0016500	.0002169	.0036617	.0064830	.000573
%RSD	21.37943	5.469808	1.677880	157.1565	.6572671	.6837542	354.6603

#1	.3656633	.0439922	.0988759	.0002390	.5529030	.9551868	-.000582
#2	.5249742	.0397601	.0964892	-.000111	.5589005	.9468326	-.000394
#3	.3726536	.0435265	.0996563	.000286	.5595415	.9424224	.000491

Sample Name: K3330-04LX5 Acquired: 06/17/2019 13:16:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF50L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0058109	-.002509	.0076259
Stddev	.0005944	.001767	.0001672
%RSD	10.22847	70.45643	2.192072

#1	.0059715	-.004540	.0074393
#2	.0051528	-.001323	.0076765
#3	.0063085	-.001663	.0077619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.044	1916.345	29323.87	7209.777	3109.487
Stddev	5.626	5.685	34.95	19.026	4.882
%RSD	.4374974	.2966816	.1191801	.2638879	.1570051

#1	1281.980	1916.536	29296.60	7202.274	3104.973
#2	1292.465	1910.566	29363.27	7195.646	3108.819
#3	1283.687	1921.932	29311.75	7231.410	3114.668

Sample Name: K3207-20 Acquired: 06/17/2019 13:20:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9858242	.0082079	1.261025	-.022900	.0130555	122.0431	1.946800
Stddev	.0044458	.0020936	.002136	.003640	.0003275	.2498	.002027
%RSD	.4509690	25.50675	.1693509	15.89470	2.508849	.2046692	.1041392

#1	.9892596	.0098408	1.258559	-.023825	.0131861	121.7658	1.948696
#2	.9808030	.0058477	1.262259	-.018887	.0132976	122.1131	1.944663
#3	.9874100	.0089353	1.262256	-.025988	.0126828	122.2504	1.947041

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064303	.0308704	25.01419	.0597344	.0744910	2.612863	134.1159
Stddev	.0000712	.0003749	.07186	.0005856	.0003868	.003922	.8353
%RSD	1.107454	1.214364	.2872834	.9802661	.5192140	.1501022	.6228386

#1	.0065025	.0304715	25.09577	.0592108	.0748344	2.614431	135.0707
#2	.0064285	.0309242	24.98652	.0596256	.0745665	2.608400	133.5201
#3	.0063601	.0312154	24.96027	.0603667	.0740720	2.615758	133.7570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.230286	33.37261	.0644567	.0105545	.2528626	.2417270	1.667267
Stddev	.035481	.10254	.0003489	.0008955	.3605954	.0042371	.018832
%RSD	.4311035	.3072440	.5413155	8.484648	142.6053	1.752845	1.129533

#1	8.269581	33.49084	.0648484	.0104618	.2394109	.2460247	1.646393
#2	8.200596	33.30799	.0643426	.0097090	.6199956	.2375532	1.672424
#3	8.220681	33.31899	.0641792	.0114928	-.100819	.2416032	1.682984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.19408	7.988261	-.033027	.0156051	3.110502	6.695667	.0236705
Stddev	.08474	.028058	.001210	.0001308	.010943	.055308	.0008572
%RSD	.2341150	.3512435	3.663059	.8383461	.3517976	.8260258	3.621276

#1	36.10578	7.967497	-.031644	.0156919	3.109296	6.756475	.0226957
#2	36.20173	7.977103	-.033888	.0154546	3.100213	6.682168	.0243067
#3	36.27474	8.020181	-.033550	.0156688	3.121998	6.648358	.0240089

Sample Name: K3207-20 Acquired: 06/17/2019 13:20:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.289014	.1072033	.1907895
Stddev	.013284	.0009297	.0004057
%RSD	.2112290	.8672345	.2126622

#1	6.274662	.1073372	.1909988
#2	6.300878	.1080588	.1910477
#3	6.291502	.1062139	.1903218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.955	2052.681	31950.57	7933.459	2954.748
Stddev	3.870	3.007	45.21	44.419	1.523
%RSD	.2804778	.1464924	.1414992	.5598896	.0515590

#1	1375.598	2054.942	31954.92	7904.879	2955.829
#2	1382.996	2049.269	31903.35	7910.866	2955.410
#3	1381.271	2053.834	31993.45	7984.633	2953.006

Sample Name: K3207-21 Acquired: 06/17/2019 13:24:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD4D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9949412	.0123822	1.259615	-.021122	.0135329	122.3110	1.946339
Stddev	.0022275	.0030037	.003609	.000437	.0010569	.4198	.003340
%RSD	.2238861	24.25779	.2865558	2.070216	7.809794	.3432524	.1715873

#1	.9931541	.0100408	1.257887	-.021380	.0146301	121.8477	1.942570
#2	.9942325	.0113370	1.257194	-.021368	.0125216	122.6662	1.948931
#3	.9974368	.0157688	1.263763	-.020617	.0134470	122.4193	1.947516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063518	.0308412	25.03910	.0605484	.0746855	2.629475	133.6148
Stddev	.0000938	.0001277	.02236	.0004458	.0002819	.013232	.2968
%RSD	1.477193	.4139364	.0892807	.7362122	.3774786	.5032212	.2221022

#1	.0063207	.0307946	25.01350	.0607665	.0745691	2.614582	133.9252
#2	.0064573	.0307433	25.04904	.0608431	.0744805	2.639878	133.3338
#3	.0062775	.0309856	25.05477	.0600356	.0750070	2.633965	133.5854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.230880	33.21605	.0654578	.0105897	-.202432	.2410877	1.659745
Stddev	.014101	.11109	.0001301	.0003171	.193112	.0014686	.029650
%RSD	.1713190	.3344523	.1988359	2.994508	95.39617	.6091475	1.786413

#1	8.215336	33.26758	.0656069	.0102728	.013876	.2399453	1.630531
#2	8.234455	33.29202	.0653999	.0105892	-.263677	.2427442	1.689812
#3	8.242850	33.08855	.0653667	.0109070	-.357494	.2405737	1.658891

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.31723	7.987366	-.036900	.0156982	3.109532	6.663218	.0255465
Stddev	.13686	.029596	.000681	.0005112	.002499	.030090	.0031125
%RSD	.3768376	.3705335	1.845632	3.256354	.0803571	.4515805	12.18356

#1	36.20873	7.987641	-.037423	.0151440	3.112004	6.653830	.0288214
#2	36.47098	8.016824	-.036130	.0161512	3.109585	6.638942	.0226270
#3	36.27197	7.957634	-.037147	.0157993	3.107007	6.696883	.0251911

Sample Name: K3207-21 Acquired: 06/17/2019 13:24:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.318135	.1074800	.1917230
Stddev	.044341	.0023688	.0005535
%RSD	.7018020	2.203935	.2886740

#1	6.268679	.1102134	.1912753
#2	6.354340	.1060251	.1923418
#3	6.331385	.1062016	.1915518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.408	2059.179	32288.69	7961.265	2968.098
Stddev	8.869	5.193	100.59	36.578	4.384
%RSD	.6346778	.2522039	.3115423	.4594456	.1476953

#1	1405.732	2053.405	32210.87	7965.367	2963.579
#2	1388.079	2060.664	32252.92	7995.620	2968.383
#3	1398.412	2063.468	32402.28	7922.810	2972.332

Sample Name: K3207-20LX5 Acquired: 06/17/2019 13:32:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2234081	.0026429	.2559720	-.006364	.0015088	26.47855	.4214805
Stddev	.0022949	.0015711	.0014696	.000305	.0005535	.01725	.0006382
%RSD	1.027202	59.44689	.5741237	4.791061	36.68656	.0651490	.1514105

#1	.2228683	.0039480	.2576653	-.006716	.0009220	26.48896	.4210281
#2	.2259247	.0030817	.2552206	-.006192	.0015827	26.45863	.4222104
#3	.2214313	.0008990	.2550299	-.006183	.0020216	26.48804	.4212029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015208	.0062980	5.510448	.0131029	.0153210	.5840475	29.93008
Stddev	.0000136	.0000882	.012184	.0004763	.0000625	.0016483	.17987
%RSD	.8909342	1.400229	.2211028	3.635321	.4080353	.2822150	.6009640

#1	.0015263	.0063851	5.497426	.0135209	.0153373	.5853124	29.72762
#2	.0015306	.0063000	5.521571	.0125843	.0152520	.5821835	30.07145
#3	.0015053	.0062088	5.512346	.0132035	.0153738	.5846467	29.99116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.833987	7.375469	.0137135	.0026414	-.380491	.0526552	.3626782
Stddev	.005490	.025319	.0002161	.0005028	.284674	.0022969	.0043676
%RSD	.2993717	.3432806	1.575988	19.03420	74.81759	4.362073	1.204266

#1	1.827796	7.348932	.0139119	.0025417	-.615638	.0528033	.3672341
#2	1.838267	7.378114	.0137453	.0021960	-.461838	.0548744	.3622735
#3	1.835897	7.399362	.0134832	.0031865	-.063998	.0502879	.3585271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.444389	1.638910	-.012850	.0031310	.6337003	1.521531	.0046685
Stddev	.128521	.002662	.002832	.0001616	.0024237	.010669	.0007218
%RSD	1.726408	.1624555	22.03534	5.162581	.3824642	.7012341	15.46120

#1	7.358463	1.640600	-.016088	.0030120	.6309050	1.529064	.0038977
#2	7.382566	1.635841	-.011625	.0030660	.6352159	1.509322	.0053284
#3	7.592138	1.640290	-.010838	.0033151	.6349800	1.526206	.0047795

Sample Name: K3207-20LX5 Acquired: 06/17/2019 13:32:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.380488	.0197730	.0417971
Stddev	.001137	.0013287	.0001889
%RSD	.0823338	6.719955	.4520529

#1	1.381789	.0182594	.0416698
#2	1.379686	.0207472	.0420142
#3	1.379991	.0203123	.0417072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1332.815	1977.385	30581.50	7490.501	3135.633
Stddev	1.098	7.658	23.44	49.294	11.046
%RSD	.0823670	.3872941	.0766564	.6580848	.3522580

#1	1332.844	1976.486	30565.51	7483.885	3138.412
#2	1333.898	1985.453	30608.41	7542.769	3145.024
#3	1331.703	1970.216	30570.57	7444.850	3123.463

Sample Name: K3207-22 Acquired: 06/17/2019 13:28:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.107175	.1270612	1.324925	.0608965	.0809692	135.4487	6.010393
Stddev	.007118	.0008022	.002279	.0018762	.0013251	.1055	.011501
%RSD	.6429061	.6313522	.1720060	3.080966	1.636593	.0778551	.1913518

#1	1.113589	.1263815	1.323269	.0630615	.0824640	135.4232	6.022858
#2	1.099517	.1279460	1.323983	.0598840	.0799389	135.5646	6.008128
#3	1.108419	.1268559	1.327525	.0597442	.0805045	135.3584	6.000193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989615	.1365762	25.97819	.4609181	1.130256	3.153574	146.7311
Stddev	.0005714	.0001803	.03240	.0013002	.001401	.001576	.2521
%RSD	.5773655	.1320450	.1247040	.2820847	.1239295	.0499705	.1718347

#1	.0989554	.1365715	26.00026	.4610538	1.128650	3.152257	146.9632
#2	.0995360	.1367588	25.99331	.4621451	1.130894	3.153145	146.4629
#3	.0983933	.1363982	25.94100	.4595554	1.131224	3.155320	146.7673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.124478	33.87775	1.123979	.1061762	.2801533	1.227140	2.693116
Stddev	.006372	.07335	.002873	.0003339	.1792330	.004622	.029813
%RSD	.0698303	.2165146	.2556333	.3145094	63.97676	.3766451	1.107004

#1	9.131803	33.95816	1.120666	.1061327	.4732857	1.232476	2.689426
#2	9.120219	33.81450	1.125774	.1065298	.2480030	1.224487	2.724603
#3	9.121412	33.86058	1.125499	.1058662	.1191713	1.224455	2.665320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.49234	8.362263	-.035442	.0188841	3.165217	7.073675	.0294798
Stddev	.03853	.018958	.002958	.0003834	.005853	.042279	.0005634
%RSD	.1027571	.2267044	8.346110	2.030251	.1849111	.5977021	1.911109

#1	37.44787	8.345654	-.033008	.0186486	3.159206	7.061289	.0288294
#2	37.51376	8.382916	-.038735	.0186771	3.170898	7.120764	.0298174
#3	37.51540	8.358219	-.034583	.0193265	3.165547	7.038972	.0297926

Sample Name: K3207-22 Acquired: 06/17/2019 13:28:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.762214	.1134243	.1967157
Stddev	.009331	.0003368	.0004166
%RSD	.1379890	.2969530	.2117510

#1	6.763087	.1137412	.1968775
#2	6.771078	.1130706	.1962425
#3	6.752477	.1134612	.1970270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.752	2037.081	31904.34	7961.876	2928.717
Stddev	11.592	7.829	215.96	49.978	5.680
%RSD	.8437899	.3843384	.6768846	.6277153	.1939272

#1	1372.851	2028.229	31852.31	7924.470	2923.833
#2	1362.637	2039.920	31719.14	7942.520	2927.370
#3	1385.768	2043.095	32141.55	8018.637	2934.950

Sample Name: K3207-02 Acquired: 06/17/2019 13:40:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.83066	.0049231	1.001380	-.035044	.0441459	44.13722
Stddev	.02408	.0027614	.005223	.001763	.0009971	.15352
%RSD	.1877108	56.09121	.5215385	5.029608	2.258650	.3478197

#1	12.83888	.0080223	.996714	-.034804	.0440181	44.09577
#2	12.80354	.0027240	1.000405	-.033413	.0432188	44.00868
#3	12.84955	.0040230	1.007022	-.036914	.0452007	44.30721

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1525141	.0069762	.0140205	24.32488	-.007581	.1574758
Stddev	.0007880	.0000674	.0000652	.11472	.000456	.0003229
%RSD	.5166447	.9666369	.4650107	.4716065	6.009595	.2050191

#1	.1518725	.0070178	.0140954	24.32866	-.007247	.1573788
#2	.1533936	.0070124	.0139900	24.43766	-.008100	.1572126
#3	.1522762	.0068984	.0139762	24.20832	-.007395	.1578360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5361997	237.3330	1.821507	11.63416	.0618821	.0002563
Stddev	.0040686	1.6610	.008854	.12323	.0004181	.0005176
%RSD	.7587868	.6998401	.4861005	1.059195	.6755895	201.9916

#1	.5406465	236.8012	1.817682	11.54877	.0613993	.0008505
#2	.5326636	239.1948	1.831631	11.77543	.0621250	-.000096
#3	.5352890	236.0031	1.815208	11.57829	.0621219	.000014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.593382	.1391523	.4123219	9.813682	6.588302	-.112975
Stddev	.118252	.0014367	.0090990	.015141	.032776	.003440
%RSD	19.92849	1.032450	2.206781	.1542858	.4974947	3.044725

#1	-.714011	.1399626	.4117864	9.820851	6.625435	-.113821
#2	-.477660	.1400008	.4035025	9.823907	6.563400	-.115913
#3	-.588476	.1374935	.4216769	9.796287	6.576071	-.109191

Sample Name: K3207-02 Acquired: 06/17/2019 13:40:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760904	5.647941	1.604672	.0044646	.6490857	.0330807
Stddev	.0002806	.002199	.021733	.0014425	.0031577	.0009614
%RSD	.3687675	.0389412	1.354350	32.31010	.4864851	2.906208
#1	.0763284	5.645432	1.606000	.0051770	.6476909	.0320583
#2	.0757810	5.649540	1.625710	.0054122	.6468655	.0339665
#3	.0761618	5.648850	1.582305	.0028044	.6527006	.0332171

Elem	Sr4077
Units	ppm
Avg	.2887794
Stddev	.0001647
%RSD	.0570400
#1	.2887015
#2	.2886680
#3	.2889686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.700	2856.370	44666.35	10898.18	3002.821
Stddev	18.202	2.172	321.32	106.86	1.611
%RSD	.9461864	.0760440	.7193881	.9805219	.0536600
#1	1943.261	2854.752	45030.78	10935.84	3001.117
#2	1920.579	2858.839	44544.51	10777.59	3004.319
#3	1907.261	2855.520	44423.77	10981.11	3003.026

Sample Name: K3207-01 Acquired: 06/17/2019 13:36:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6399529	.0026499	.3681711	-.009666	.0091955	39.59660	.3266569
Stddev	.0048686	.0002306	.0017374	.001941	.0017986	.12064	.0002013
%RSD	.7607673	8.703688	.4719065	20.08357	19.56015	.3046606	.0616150

#1	.6344804	.0026789	.3693413	-.007458	.0078336	39.45783	.3264440
#2	.6415747	.0028646	.3689972	-.011105	.0085185	39.65548	.3266824
#3	.6438035	.0024061	.3661748	-.010434	.0112344	39.67648	.3268441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036131	.0093796	8.434076	.0184870	.0358400	.7385330	56.26595
Stddev	.0000270	.0001303	.008006	.0006301	.0002775	.0036816	.16548
%RSD	.7478097	1.388951	.0949301	3.408329	.7742572	.4985076	.2941045

#1	.0035939	.0095210	8.437093	.0182375	.0356331	.7374869	56.38139
#2	.0036015	.0093532	8.440136	.0180198	.0361553	.7426245	56.34011
#3	.0036440	.0092645	8.424999	.0192036	.0357314	.7354877	56.07636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.707874	6.897868	.0179261	-.000204	-.209045	.0713436	.5414826
Stddev	.004193	.025377	.0007430	.000338	.249803	.0046295	.0076095
%RSD	.1548368	.3678945	4.144803	165.7007	119.4971	6.489039	1.405310

#1	2.706891	6.917646	.0171169	-.000548	-.416557	.0665099	.5350561
#2	2.712471	6.869255	.0185776	-.000192	-.278799	.0757376	.5395064
#3	2.704260	6.906705	.0180838	.000128	.068221	.0717832	.5498852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.682217	2.147766	-.025477	.0131206	.7635459	2.860625	.0078631
Stddev	.053429	.004733	.000698	.0000622	.0015599	.007615	.0009904
%RSD	.9402868	.2203620	2.737822	.4738494	.2042916	.2661904	12.59490

#1	5.650286	2.153223	-.024718	.0131034	.7643389	2.854050	.0079536
#2	5.652465	2.144774	-.025622	.0130689	.7617488	2.858856	.0088051
#3	5.743898	2.145302	-.026091	.0131896	.7645499	2.868968	.0068306

Sample Name: K3207-01 Acquired: 06/17/2019 13:36:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6431210	.0163673	.0726080
Stddev	.0032479	.0008696	.0003031
%RSD	.5050281	5.312863	.4173924

#1	.6400448	.0172782	.0722822
#2	.6428010	.0155460	.0726603
#3	.6465170	.0162776	.0728816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.266	2270.230	35320.32	8634.364	3088.674
Stddev	8.403	6.528	19.37	27.493	9.977
%RSD	.5484018	.2875513	.0548411	.3184131	.3230082

#1	1522.766	2262.781	35307.55	8631.904	3077.970
#2	1535.305	2274.954	35342.61	8608.184	3097.714
#3	1538.726	2272.955	35310.81	8663.004	3090.338

Sample Name: K3207-04 Acquired: 06/17/2019 13:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.71114	.0553989	.7289392	-.046233	.1532256	40.95403
Stddev	.02568	.0011974	.0011721	.002631	.0017935	.21217
%RSD	.1536464	2.161475	.1608005	5.690610	1.170516	.5180797

#1	16.73801	.0545816	.7288097	-.046430	.1530452	40.81748
#2	16.68685	.0548418	.7301706	-.048760	.1515291	40.84613
#3	16.70857	.0567734	.7278371	-.043509	.1551025	41.19847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3044527	.0120724	.0244479	8.078374	-.007941	.0528350
Stddev	.0012729	.0001413	.0001215	.052213	.000304	.0006041
%RSD	.4180803	1.170641	.4969104	.6463348	3.826763	1.143420

#1	.3031766	.0120294	.0245818	8.028301	-.008292	.0526046
#2	.3044593	.0119575	.0243446	8.074330	-.007766	.0523800
#3	.3057223	.0122302	.0244174	8.132492	-.007765	.0535205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.463174	299.6443	1.698390	3.781902	.0556881	-.012322
Stddev	.006292	1.6692	.015362	.028254	.0002344	.000749
%RSD	.4300108	.5570740	.9045151	.7470908	.4209373	6.081551

#1	1.458328	298.4169	1.685141	3.754033	.0559585	-.012328
#2	1.460908	298.9709	1.694800	3.781146	.0555424	-.011570
#3	1.470284	301.5450	1.715229	3.810526	.0555633	-.013069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.950465	.1784469	.6653071	7.604542	6.760282	-.128736
Stddev	.098400	.0011719	.0026926	.072138	.018775	.001478
%RSD	10.35284	.6567085	.4047077	.9486231	.2777206	1.147781

#1	-.876664	.1777050	.6683428	7.539800	6.747279	-.130294
#2	-.912548	.1778377	.6643706	7.591522	6.751760	-.128558
#3	-1.06218	.1797979	.6632078	7.682303	6.781806	-.127355

Sample Name: K3207-04 Acquired: 06/17/2019 13:48:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783074	1.111901	2.942160	.0116257	.3653115	.0065832
Stddev	.0003219	.007132	.013779	.0004369	.0012998	.0011358
%RSD	.4111335	.6414020	.4683336	3.757922	.3558159	17.25357

#1	.0785156	1.104187	2.953870	.0117857	.3648198	.0056211
#2	.0784699	1.113259	2.926977	.0111314	.3643292	.0078362
#3	.0779365	1.118256	2.945633	.0119601	.3667854	.0062923

Elem	Sr4077
Units	ppm
Avg	.0460564
Stddev	.0002370
%RSD	.5146838

#1	.0458554
#2	.0459958
#3	.0463178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.880	2389.138	37869.55	9165.572	3012.832
Stddev	3.457	.574	100.95	50.827	4.736
%RSD	.2121062	.0240447	.2665811	.5545402	.1572072

#1	1632.547	2389.215	37792.93	9196.876	3012.765
#2	1631.118	2389.670	37983.94	9192.914	3017.601
#3	1625.974	2388.529	37831.78	9106.927	3008.129

Sample Name: CCB087 Acquired: 06/17/2019 13:56:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB087 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008675	-.000316	-.000308	-.000950	-.002742	.0118301	.0000873
Stddev	.0027851	.000995	.001734	.001013	.000419	.0014982	.0000560
%RSD	321.0472	314.5550	563.8495	106.5697	15.28730	12.66427	64.14161

#1	.0007670	.000240	.001687	-.001962	-.002287	.0135479	.0000227
#2	-.001866	.000276	-.001461	.000063	-.002824	.0111487	.0001216
#3	.003702	-.001466	-.001149	-.000952	-.003114	.0107938	.0001177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000175	.0000075	.0058065	.0001564	.0005126	.0020510	.0079283
Stddev	.0000381	.0001332	.0029152	.0002557	.0003695	.0029789	.0093017
%RSD	217.8359	1773.081	50.20537	163.5011	72.07564	145.2398	117.3229

#1	-.000008	-.000142	.0053062	.0001318	.0004529	.0045105	.0099324
#2	-.000001	.000113	.0089395	.0004235	.0009083	.0029037	.0160647
#3	.000061	.000052	.0031739	-.000086	.0001766	-.001261	-.002212

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008067	.0324960	.0004087	.0008886	-.052990	-.000155	-.001342
Stddev	.0005728	.0163037	.0001704	.0003328	.134341	.002135	.001199
%RSD	70.99859	50.17146	41.68861	37.45662	253.5195	1378.938	89.32404

#1	.0011605	.0210765	.0003519	.0006144	-.114641	.000008	-.002667
#2	.0011138	.0511675	.0006003	.0007925	-.145441	.001895	-.001030
#3	.0001459	.0252439	.0002740	.0012589	.101110	-.002367	-.000331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.388715	-.003345	.0012989	.0002887	-.005913	-.002170	-.000471
Stddev	.038132	.002139	.0008921	.0001408	.002305	.000886	.001216
%RSD	9.809846	63.96445	68.67782	48.78379	38.97783	40.82624	258.3001

#1	-.398946	-.004741	.0019936	.0001266	-.003824	-.001888	.000865
#2	-.420688	-.000882	.0002929	.0003810	-.008385	-.003163	-.000763
#3	-.346511	-.004411	.0016103	.0003584	-.005529	-.001459	-.001515

Sample Name: CCB087 Acquired: 06/17/2019 13:56:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003596	-.001300	.0000939
Stddev	.0009646	.002107	.0000705
%RSD	268.2418	162.0777	75.02912

#1	.0002262	.000770	.0001471
#2	.0013840	-.003442	.0000140
#3	-.000531	-.001228	.0001207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.771	1953.422	30353.61	7345.373	3162.353
Stddev	9.152	4.212	89.20	25.836	3.762
%RSD	.6898285	.2156458	.2938853	.3517317	.1189576

#1	1330.772	1948.561	30427.04	7337.190	3158.099
#2	1316.300	1956.009	30379.46	7324.620	3165.241
#3	1333.242	1955.696	30254.33	7374.310	3163.718

Sample Name: CCV087 Acquired: 06/17/2019 13:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.863131	4.874742	24.35192	4.543739	4.857985	409.7586	10.13879
Stddev	.011444	.006333	.01612	.007258	.005789	.3516	.03127
%RSD	.2353177	.1299090	.0662104	.1597460	.1191738	.0858027	.3083874

#1	4.854308	4.877479	24.33934	4.538687	4.853919	409.6882	10.17489
#2	4.876062	4.867502	24.34633	4.552057	4.855422	409.4475	10.12096
#3	4.859023	4.879247	24.37010	4.540473	4.864614	410.1400	10.12052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4944580	2.367738	403.0136	15.15159	2.485980	15.11398	400.1762
Stddev	.0042213	.002290	.8871	.05337	.002239	.01308	1.4826
%RSD	.8537276	.0967177	.2201085	.3522453	.0900707	.0865581	.3704791

#1	.4970441	2.365836	404.0031	15.21011	2.485381	15.10115	401.3898
#2	.4967431	2.367097	402.2896	15.13908	2.484102	15.12730	398.5238
#3	.4895867	2.370280	402.7480	15.10559	2.488459	15.11347	400.6151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19375	392.8117	2.468893	1.264406	411.8956	2.491512	15.08811
Stddev	.05345	1.4363	.000789	.001031	.5953	.015567	.13975
%RSD	.3518212	.3656419	.0319620	.0815287	.1445289	.6247841	.9262162

#1	15.25547	394.1352	2.469586	1.265257	412.3682	2.508864	15.18209
#2	15.16269	391.2844	2.468034	1.263260	412.0915	2.478772	14.92752
#3	15.16308	393.0155	2.469059	1.264701	411.2270	2.486901	15.15472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4620	4.933127	4.846845	4.710696	4.639789	5.071016	4.878980
Stddev	.1774	.008636	.020224	.008096	.017390	.031169	.002495
%RSD	.1155928	.1750628	.4172628	.1718666	.3748080	.6146431	.0511342

#1	153.5054	4.942475	4.846137	4.712320	4.646468	5.091131	4.878284
#2	153.6137	4.931461	4.867413	4.701910	4.620049	5.086805	4.876907
#3	153.2670	4.925446	4.826984	4.717856	4.652849	5.035112	4.881748

Sample Name: CCV087 Acquired: 06/17/2019 13:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV087 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.895689	4.958363	4.981976
Stddev	.014826	.007585	.074504
%RSD	.3028424	.1529818	1.495480

#1	4.883381	4.961668	4.961074
#2	4.912148	4.949686	5.064699
#3	4.891537	4.963735	4.920155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.470	1584.297	26695.33	6832.120	2453.352
Stddev	12.112	1.313	131.76	44.812	3.861
%RSD	1.101647	.0828862	.4935578	.6559028	.1573739

#1	1086.683	1583.854	26543.19	6810.497	2454.315
#2	1110.770	1583.262	26770.72	6802.220	2449.101
#3	1100.957	1585.774	26772.08	6883.643	2456.640

Sample Name: K3207-05 Acquired: 06/17/2019 14:00:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8238368	.0135773	.1141730	-.039368	.0082521	73.01932	.8480525
Stddev	.0099048	.0007994	.0024685	.004419	.0014543	.24470	.0035003
%RSD	1.202272	5.887375	2.162048	11.22492	17.62289	.3351104	.4127414

#1	.8298131	.0143706	.1133176	-.040575	.0099289	72.74623	.8470090
#2	.8124037	.0127721	.1169554	-.034471	.0074919	73.09307	.8519558
#3	.8292937	.0135892	.1122460	-.043059	.0073354	73.21866	.8451926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064231	.0083727	41.04765	.0372902	.1475503	.4294537	227.3336
Stddev	.0000380	.0000270	.19362	.0011709	.0002028	.0012092	.8856
%RSD	.5909549	.3227117	.4716923	3.140024	.1374570	.2815657	.3895694

#1	.0064355	.0083622	41.01257	.0372638	.1474846	.4307305	227.0677
#2	.0064532	.0083525	41.25641	.0361326	.1473885	.4293045	228.3217
#3	.0063805	.0084034	40.87397	.0384740	.1477778	.4283260	226.6114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55067	38.86086	.0994189	-.006528	-.296684	.4104043	.5792090
Stddev	.07638	.10510	.0008205	.000596	.162496	.0005505	.0039277
%RSD	.5249420	.2704596	.8252414	9.133919	54.77088	.1341389	.6781095

#1	14.53967	38.77706	.0986865	-.006125	-.481090	.4105569	.5813566
#2	14.63196	38.97879	.1003055	-.007213	-.174469	.4108625	.5746758
#3	14.48039	38.82675	.0992647	-.006246	-.234492	.4097936	.5815946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.32699	9.183532	-.096515	.0079484	.6846068	1.993961	.0162395
Stddev	.10211	.021246	.001144	.0002362	.0032336	.012963	.0009789
%RSD	.4377536	.2313487	1.184995	2.971147	.4723248	.6501278	6.028090

#1	23.42186	9.172521	-.096974	.0082119	.6861512	2.005314	.0167622
#2	23.34019	9.208023	-.095213	.0078777	.6808907	1.996733	.0151101
#3	23.21891	9.170051	-.097357	.0077558	.6867786	1.979836	.0168460

Sample Name: K3207-05 Acquired: 06/17/2019 14:00:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.972303	.1162330	.1887131
Stddev	.036357	.0010221	.0005096
%RSD	.5214440	.8793877	.2700231

#1	6.937338	.1159066	.1881554
#2	6.969665	.1154139	.1888295
#3	7.009907	.1173785	.1891544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.770	2251.386	35427.30	8733.251	2919.929
Stddev	14.488	1.887	155.64	31.974	1.825
%RSD	.9483365	.0838284	.4393263	.3661195	.0624957

#1	1511.620	2253.378	35289.31	8711.600	2922.024
#2	1532.062	2251.156	35596.01	8718.178	2918.688
#3	1539.627	2249.624	35396.57	8769.976	2919.074

Sample Name: K3207-06 Acquired: 06/17/2019 14:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.463280	.0265493	1.590200	-.050564	.3087820	14.75365
Stddev	.009321	.0040150	.008520	.000896	.0032031	.03994
%RSD	.2691338	15.12293	.5357855	1.771322	1.037327	.2706953

#1	3.473449	.0310028	1.599915	-.049672	.3055503	14.73144
#2	3.461246	.0232067	1.583999	-.051463	.3119557	14.72975
#3	3.455143	.0254384	1.586686	-.050556	.3088400	14.79975

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3284467	.0033743	.0336999	19.39276	-.042895	.1546795
Stddev	.0006688	.0000468	.0001157	.05193	.000397	.0005790
%RSD	.2036317	1.386462	.3434163	.2678044	.9249273	.3743306

#1	.3279992	.0034060	.0336967	19.34328	-.042545	.1553464
#2	.3281254	.0033206	.0338172	19.38816	-.042813	.1543050
#3	.3292156	.0033964	.0335858	19.44685	-.043326	.1543872

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8335146	299.7751	F 103.3557	3.437415	.0690023	.2720669
Stddev	.0023883	1.1355	1.0820	.033908	.0004443	.0008910
%RSD	.2865354	.3787915	1.046854	.9864395	.6438486	.3275079

#1	.8347457	300.1176	102.6025	3.451368	.0694586	.2726165
#2	.8307619	300.6999	102.8691	3.398757	.0689770	.2710388
#3	.8350362	298.5077	104.5955	3.462120	.0685711	.2725453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.438972	.1002428	4.530982	18.17171	5.581799	-.126253
Stddev	.140380	.0028696	.027966	.07998	.036178	.010897
%RSD	31.97915	2.862643	.6172115	.4401440	.6481394	8.631050

#1	-.285906	.0992485	4.533989	18.10829	5.623570	-.126350
#2	-.469305	.1034773	4.501634	18.14529	5.561424	-.115308
#3	-.561705	.0980026	4.557323	18.26157	5.560405	-.137101

Sample Name: K3207-06 Acquired: 06/17/2019 14:04:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3035377	18.95740	1.457521	.0032828	.0384863	.0131145
Stddev	.0008687	.13667	.010236	.0005120	.0016676	.0008570
%RSD	.2861870	.7209551	.7022945	15.59718	4.333081	6.534535

#1	.3034950	19.11512	1.448761	.0038660	.0401349	.0125024
#2	.3026911	18.87385	1.455030	.0029074	.0385239	.0140939
#3	.3044269	18.88322	1.468773	.0030749	.0368002	.0127473

Elem	Sr4077
Units	ppm
Avg	2.003406
Stddev	.006551
%RSD	.3270043

#1	2.001099
#2	1.998321
#3	2.010799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.264	2156.718	33602.23	8197.816	2972.239
Stddev	4.798	2.378	206.45	52.653	3.349
%RSD	.3278895	.1102473	.6143864	.6422785	.1126646

#1	1458.899	2158.758	33405.56	8231.255	2968.914
#2	1468.401	2154.107	33817.24	8225.070	2972.190
#3	1462.490	2157.289	33583.89	8137.123	2975.611

Sample Name: K3207-10 Acquired: 06/17/2019 14:20:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.902376	.0230834	.7158310	-.045750	.0622690	41.48988	.6519974
Stddev	.006027	.0025162	.0039870	.001989	.0009799	.07036	.0026797
%RSD	.3168127	10.90050	.5569827	4.346697	1.573715	.1695719	.4110005

#1	1.895417	.0217492	.7134316	-.047433	.0624735	41.48070	.6534227
#2	1.905844	.0259858	.7204335	-.046261	.0612029	41.56438	.6489062
#3	1.905867	.0215153	.7136279	-.043555	.0631305	41.42457	.6536631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037129	.0070701	16.49685	.0101133	.0353740	1.816832	306.5582
Stddev	.0001197	.0001232	.07834	.0009461	.0002269	.002676	2.1849
%RSD	3.224367	1.742763	.4749011	9.355199	.6414598	.1472748	.7127344

#1	.0037864	.0069568	16.46623	.0092455	.0353006	1.816564	306.2613
#2	.0037775	.0072013	16.43844	.0099723	.0356285	1.819632	304.5370
#3	.0035747	.0070521	16.58588	.0111219	.0351929	1.814301	308.8765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.249710	21.72251	.0319480	.2747009	.4333457	.2503069	.5775900
Stddev	.012369	.21923	.0004166	.0006148	.1440688	.0036489	.0051252
%RSD	.3806118	1.009232	1.303973	.2238148	33.24569	1.457769	.8873425

#1	3.251211	21.60718	.0316144	.2752043	.4449909	.2496838	.5790887
#2	3.236660	21.58501	.0324149	.2740157	.2838078	.2470096	.5817989
#3	3.261261	21.97533	.0318148	.2748828	.5712385	.2542271	.5718826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.64480	8.755751	-.120010	.1276206	47.01172	1.492381	.0174567
Stddev	.09848	.042910	.010771	.0002420	.03675	.029428	.0018057
%RSD	.3213493	.4900722	8.974937	.1896282	.0781704	1.971865	10.34406

#1	30.75350	8.706518	-.116711	.1276867	47.01635	1.512570	.0155256
#2	30.56155	8.775539	-.132045	.1273524	46.97287	1.505956	.0177411
#3	30.61936	8.785196	-.111275	.1278226	47.04594	1.458616	.0191033

Sample Name: K3207-10 Acquired: 06/17/2019 14:20:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.582529	.0325465	.1391567
Stddev	.011774	.0021163	.0002237
%RSD	.2569219	6.502526	.1607753

#1	4.588072	.0303236	.1389000
#2	4.590509	.0345371	.1392601
#3	4.569008	.0327788	.1393100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.421	1999.459	31064.81	7668.552	2978.397
Stddev	9.604	3.143	315.01	17.187	3.327
%RSD	.7132713	.1572117	1.014037	.2241203	.1117059

#1	1336.172	2001.147	30732.22	7650.937	2980.111
#2	1347.880	1995.832	31358.65	7669.443	2974.562
#3	1355.212	2001.398	31103.56	7685.276	2980.518

Sample Name: K3207-09 Acquired: 06/17/2019 14:16:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5049627	.0041420	5.987153	-.018797	.1834267	50.71380	.3923494
Stddev	.0055796	.0004996	.008117	.001901	.0014108	.21375	.0025090
%RSD	1.104948	12.06104	.1355704	10.11470	.7691259	.4214875	.6394771

#1	.5020901	.0044817	5.992195	-.019306	.1843193	50.61698	.3933530
#2	.5014047	.0043757	5.977790	-.016693	.1841605	50.56559	.3894939
#3	.5113933	.0035684	5.991474	-.020392	.1818002	50.95883	.3942012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091329	.0099800	5.811968	.0233728	.0585257	2.627600	102.7084
Stddev	.0000235	.0001193	.021209	.0006756	.0001348	.009971	.1119
%RSD	.2574347	1.195301	.3649279	2.890770	.2303213	.3794655	.1089336

#1	.0091600	.0100920	5.810243	.0231062	.0586632	2.624656	102.7827
#2	.0091196	.0098546	5.791674	.0228711	.0583938	2.619433	102.5798
#3	.0091190	.0099934	5.833988	.0241411	.0585201	2.638712	102.7628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.566490	6.471581	.0299105	.3824637	-.457918	.1760269	.6954735
Stddev	.014963	.029344	.0007851	.0014760	.115017	.0010887	.0087125
%RSD	.4195493	.4534256	2.624833	.3859120	25.11734	.6184665	1.252740

#1	3.572433	6.466866	.0292295	.3838052	-.590689	.1770966	.6967262
#2	3.549468	6.444881	.0307692	.3808826	-.394318	.1749202	.7034918
#3	3.577568	6.502997	.0297328	.3827032	-.388748	.1760638	.6862025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.400196	3.472117	-.044185	.0218712	.9110454	2.701626	.0048783
Stddev	.037581	.009882	.000960	.0005259	.0022344	.017164	.0005648
%RSD	.5078411	.2846128	2.172035	2.404300	.2452551	.6353220	11.57798

#1	7.437828	3.470140	-.044246	.0217635	.9107234	2.720190	.0042397
#2	7.362665	3.463373	-.043196	.0214075	.9089894	2.686334	.0050831
#3	7.400096	3.482838	-.045112	.0224425	.9134233	2.698353	.0053122

Sample Name: K3207-09 Acquired: 06/17/2019 14:16:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9394639	.0252340	.0449680
Stddev	.0040305	.0012333	.0001057
%RSD	.4290180	4.887580	.2350895

#1	.9361703	.0265149	.0448773
#2	.9382631	.0240545	.0450841
#3	.9439583	.0251325	.0449426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.581	2357.258	36521.34	8953.900	3054.877
Stddev	17.045	7.704	182.20	49.029	12.537
%RSD	1.071600	.3268096	.4988874	.5475729	.4103845

#1	1572.150	2352.208	36322.78	8916.597	3047.141
#2	1593.819	2366.125	36680.84	9009.432	3069.341
#3	1605.775	2353.441	36560.39	8935.670	3048.148

Sample Name: K3207-12 Acquired: 06/17/2019 14:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.647981	.0460947	4.756773	-.066767	.1217088	20.12203
Stddev	.008838	.0039072	.003265	.001062	.0016096	.05319
%RSD	.2422849	8.476488	.0686382	1.590567	1.322528	.2643368

#1	3.645347	.0502907	4.759935	-.066152	.1231300	20.06761
#2	3.640758	.0454324	4.753414	-.066155	.1220355	20.12457
#3	3.657836	.0425609	4.756969	-.067993	.1199609	20.17390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6469171	-.001945	.0478051	13.71283	-.041590	.0902846
Stddev	.0011537	.000029	.0000917	.01352	.000559	.0002051
%RSD	.1783354	1.491836	.1917357	.0985912	1.345060	.2271491

#1	.6468497	-.001928	.0479106	13.71274	-.041450	.0902290
#2	.6457986	-.001928	.0477597	13.69936	-.041115	.0901130
#3	.6481031	-.001979	.0477451	13.72640	-.042207	.0905117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.830837	285.4145	F 202.6257	3.639105	.0516852	.4368052
Stddev	.016269	.2225	.6602	.039912	.0004498	.0012753
%RSD	.4246887	.0779602	.3258036	1.096750	.8702557	.2919528

#1	3.830605	285.1953	203.2409	3.594701	.0521337	.4354868
#2	3.814684	285.6402	202.7079	3.671992	.0512341	.4368964
#3	3.847220	285.4080	201.9283	3.650621	.0516878	.4380324

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.589059	.3543028	5.651628	13.14491	7.267571	-.139942
Stddev	.077878	.0053087	.104438	.04815	.041890	.007637
%RSD	13.22072	1.498344	1.847923	.3662958	.5763972	5.457462

#1	-.580603	.3507663	5.553279	13.11723	7.299097	-.148558
#2	-.670819	.3517349	5.640364	13.11699	7.220037	-.137262
#3	-.515754	.3604072	5.761241	13.20050	7.283578	-.134006

Sample Name: K3207-12 Acquired: 06/17/2019 14:28:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3351215	5.580901	2.118316	.0163788	.2478633	.0109430
Stddev	.0007759	.017867	.013465	.0015164	.0019415	.0006516
%RSD	.2315386	.3201397	.6356337	9.258350	.7832834	5.954229
#1	.3343100	5.601174	2.130457	.0146493	.2496811	.0111282
#2	.3351986	5.567453	2.103835	.0170064	.2480907	.0114819
#3	.3358561	5.574075	2.120657	.0174805	.2458181	.0102188

Elem	Sr4077
Units	ppm
Avg	1.254013
Stddev	.001821
%RSD	.1452459
#1	1.253298
#2	1.252658
#3	1.256084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1532.517	2244.026	35015.24	8583.836	2962.019
Stddev	8.639	2.135	267.88	63.976	3.126
%RSD	.5637122	.0951446	.7650386	.7453103	.1055313
#1	1542.490	2244.656	35181.54	8528.872	2958.835
#2	1527.728	2241.646	34706.21	8568.573	2962.139
#3	1527.334	2245.775	35157.96	8654.064	2965.083

Sample Name: K3207-11 Acquired: 06/17/2019 14:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5138210	.0233919	.2988823	-.042149	.0084890	27.38455
Stddev	.0020634	.0013350	.0005957	.001744	.0020560	.14309
%RSD	.4015850	5.706998	.1993107	4.137961	24.21908	.5225317

#1	.5136452	.0249334	.2984715	-.041560	.0064608	27.38572
#2	.5118512	.0226235	.2986099	-.044111	.0105717	27.52705
#3	.5159668	.0226189	.2995655	-.040776	.0084346	27.24087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2689251	.0095443	.0094688	191.5048	-.000762	.1353363
Stddev	.0013535	.0001213	.0001104	.6640	.000310	.0004619
%RSD	.5033085	1.270512	1.165636	.3467210	40.65961	.3413352

#1	.2676258	.0094101	.0093531	190.7911	-.001073	.1348172
#2	.2703270	.0095768	.0095729	192.1042	-.000453	.1354899
#3	.2688225	.0096460	.0094804	191.6192	-.000760	.1357019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.245082	216.8472	F 40.63754	48.45548	.0952044	.0223463
Stddev	.005995	.5754	.17573	.14569	.0004897	.0002712
%RSD	.4814746	.2653438	.4324340	.3006598	.5143977	1.213472

#1	1.245708	216.2194	40.49305	48.30033	.0956706	.0223428
#2	1.250738	216.9728	40.83317	48.58937	.0946941	.0226192
#3	1.238798	217.3494	40.58639	48.47673	.0952485	.0220768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.814669	.2791022	.6496264	8.190075	F 10.24913	-.114653
Stddev	.266652	.0028986	.0050419	.095506	.01122	.007819
%RSD	32.73136	1.038551	.7761239	1.166120	.1094953	6.819293

#1	-1.10630	.2757860	.6544586	8.246368	10.24752	-.105660
#2	-.58331	.2803677	.6500223	8.244055	10.23880	-.119842
#3	-.75440	.2811529	.6443982	8.079802	10.26107	-.118457

Sample Name: K3207-11 Acquired: 06/17/2019 14:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.811926	F 122.0202	2.516744	.0038405	.5624054	.0106972
Stddev	.002011	.2161	.028053	.0002311	.0045717	.0009325
%RSD	.1109730	.1770780	1.114663	6.017247	.8128811	8.716792
#1	1.813588	122.1306	2.489154	.0040214	.5650059	.0098957
#2	1.809691	121.7713	2.545238	.0035802	.5650835	.0117205
#3	1.812499	122.1588	2.515841	.0039200	.5571266	.0104753

Elem	Sr4077
Units	ppm
Avg	.1435866
Stddev	.0003775
%RSD	.2628932
#1	.1435018
#2	.1439993
#3	.1432587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.852	2331.053	37062.53	9128.768	2817.352
Stddev	12.816	2.709	315.75	59.854	4.852
%RSD	.8055928	.1162001	.8519450	.6556654	.1722180
#1	1585.266	2328.360	36767.17	9166.434	2811.751
#2	1581.777	2333.777	37025.10	9059.751	2820.048
#3	1605.512	2331.023	37395.33	9160.120	2820.257

Sample Name: K3207-14 Acquired: 06/17/2019 14:36:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.403912	.0477622	10.52784	-.077895	1.009941	23.79394	.9119644
Stddev	.013745	.0011632	.00979	.003207	.002849	.07978	.0034709
%RSD	.2543582	2.435433	.0930023	4.116462	.2820906	.3353090	.3806003

#1	5.419416	.0487538	10.53885	-.074279	1.013059	23.76521	.9127632
#2	5.393218	.0464818	10.52011	-.080393	1.009290	23.88411	.9149663
#3	5.399101	.0480509	10.52457	-.079012	1.007474	23.73250	.9081637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063104	.0363280	12.99055	-.050121	.1587887	6.066605	503.8785
Stddev	.0001199	.0001377	.08611	.000495	.0005730	.026176	1.8537
%RSD	1.899171	.3789403	.6628906	.9884064	.3608660	.4314745	.3678960

#1	.0064419	.0363923	12.91806	-.049845	.1594375	6.047033	505.9523
#2	.0062822	.0361700	13.08574	-.050693	.1583518	6.096338	503.3007
#3	.0062073	.0364218	12.96786	-.049824	.1585767	6.056445	502.3825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.08685	1.366414	.0323408	.7906178	-.527593	.0726446	3.870716
Stddev	.07831	.020673	.0003797	.0021489	.400454	.0019781	.037561
%RSD	.3251053	1.512926	1.173983	.2717991	75.90202	2.723013	.9703842

#1	24.08039	1.356489	.0327237	.7929367	-.097919	.0704638	3.827416
#2	24.16819	1.390178	.0323343	.7886937	-.890411	.0743233	3.890206
#3	24.01198	1.352576	.0319644	.7902229	-.594451	.0731467	3.894525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.87886	7.910379	-.225378	.4358084	67.74483	1.411816	.0103278
Stddev	.21171	.001687	.014379	.0008198	.31975	.028012	.0009553
%RSD	.4614628	.0213232	6.380076	.1881187	.4719942	1.984124	9.249836

#1	45.71921	7.912119	-.233382	.4366306	68.09465	1.434201	.0110598
#2	46.11902	7.908750	-.233975	.4358036	67.67221	1.420845	.0092471
#3	45.79834	7.910269	-.208778	.4349909	67.46764	1.380403	.0106764

Sample Name: K3207-14 Acquired: 06/17/2019 14:36:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0946919	.0511691	2.124824
Stddev	.0010224	.0012983	.006018
%RSD	1.079699	2.537357	.2832050

#1	.0935512	.0517338	2.121308
#2	.0955256	.0520895	2.131773
#3	.0949989	.0496841	2.121392

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.030	1985.103	31099.17	7641.859	2966.210
Stddev	9.575	5.524	97.40	64.294	7.854
%RSD	.7123911	.2782483	.3131764	.8413361	.2647960

#1	1339.589	1979.708	31138.43	7594.071	2961.002
#2	1337.483	1984.856	31170.82	7616.550	2962.384
#3	1355.019	1990.747	30988.28	7714.956	2975.245

Sample Name: K3207-13 Acquired: 06/17/2019 14:32:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.204989	.0217268	2.034445	-.034397	.0522771	10.48765	.3158464
Stddev	.017449	.0016056	.000486	.001789	.0021936	.08032	.0003645
%RSD	.7913213	7.389947	.0238698	5.200893	4.196153	.7658970	.1154081

#1	2.224191	.0234069	2.034623	-.032774	.0515648	10.42981	.3156689
#2	2.200672	.0202079	2.034817	-.036316	.0547383	10.57936	.3156046
#3	2.190104	.0215655	2.033895	-.034102	.0505281	10.45377	.3162656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029204	.0062399	6.373144	-.022804	.0079772	.8821179	248.8040
Stddev	.0000297	.0001230	.056563	.000276	.0000593	.0054677	1.2863
%RSD	1.017617	1.971508	.8875152	1.212212	.7434677	.6198347	.5170068

#1	.0029443	.0061792	6.340550	-.022534	.0079247	.8767411	249.3486
#2	.0028871	.0061589	6.438456	-.022791	.0079653	.8876721	247.3349
#3	.0029297	.0063814	6.340425	-.023086	.0080415	.8819405	249.7284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3954124	.4992289	.0067493	.0957101	-.489094	.0711515	.5067000
Stddev	.0018265	.0120880	.0005388	.0006828	.279503	.0021572	.0113665
%RSD	.4619258	2.421340	7.983223	.7134238	57.14711	3.031903	2.243238

#1	.3970192	.5041429	.0064926	.0954639	-.702939	.0721815	.5132399
#2	.3957920	.4854577	.0073684	.0964819	-.591516	.0686723	.5132849
#3	.3934259	.5080860	.0063868	.0951846	-.172828	.0726007	.4935751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.32168	2.482666	-.090009	.1467468	52.67696	1.383418	.0034029
Stddev	.15135	.008756	.007339	.0003857	.10476	.017578	.0010691
%RSD	.5161851	.3526771	8.153391	.2628168	.1988802	1.270630	31.41816

#1	29.27139	2.490562	-.084978	.1471051	52.79359	1.385278	.0046179
#2	29.49178	2.473250	-.098430	.1467966	52.64648	1.399993	.0029851
#3	29.20187	2.484186	-.086620	.1463386	52.59082	1.364985	.0026058

Sample Name: K3207-13 Acquired: 06/17/2019 14:32:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0275497	-.001099	.6104842
Stddev	.0020022	.000951	.0024214
%RSD	7.267758	86.54590	.3966279

#1	.0287858	-.000817	.6110622
#2	.0252396	-.000321	.6125643
#3	.0286237	-.002160	.6078262

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.338	1954.545	30878.58	7483.722	3026.404
Stddev	18.825	3.546	262.22	3.884	6.363
%RSD	1.402391	.1814141	.8491949	.0519014	.2102604

#1	1336.615	1957.065	30705.32	7486.700	3033.654
#2	1327.038	1950.491	30750.18	7479.329	3021.746
#3	1363.360	1956.079	31180.26	7485.136	3023.812

Sample Name: K3207-18 Acquired: 06/17/2019 14:52:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.723278	.0350101	1.117854	-.042526	.0191668	30.25080	.9626756
Stddev	.000614	.0023681	.004744	.001286	.0011391	.14208	.0014245
%RSD	.0129970	6.764025	.4243756	3.024837	5.943002	.4696687	.1479674

#1	4.723977	.0368022	1.113379	-.041854	.0204535	30.09319	.9642562
#2	4.723029	.0359026	1.122827	-.044010	.0182872	30.36904	.9614911
#3	4.722827	.0323254	1.117358	-.041716	.0187598	30.29018	.9622795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033851	.0062007	8.204026	-.014032	.0217287	.8622366	280.1647
Stddev	.0000838	.0002040	.021319	.000502	.0000733	.0014092	2.7023
%RSD	2.475580	3.289196	.2598576	3.573899	.3371648	.1634390	.9645306

#1	.0034455	.0059766	8.197891	-.014598	.0216786	.8618726	283.2619
#2	.0032894	.0063754	8.227740	-.013641	.0218128	.8610452	278.9445
#3	.0034202	.0062502	8.186448	-.013859	.0216947	.8637922	278.2878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.415310	5.184118	.0153809	.0316204	.2900776	.2034173	.1865649
Stddev	.007118	.051693	.0006316	.0003348	.2847385	.0015736	.0042727
%RSD	.5029130	.9971333	4.106046	1.058817	98.15942	.7735819	2.290211

#1	1.423184	5.241803	.0150115	.0315643	.3372102	.2016624	.1823327
#2	1.413413	5.168562	.0161102	.0319797	.5483089	.2038866	.1864849
#3	1.409333	5.141991	.0150211	.0313172	-.015286	.2047028	.1908770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.28709	4.305780	-.117078	.0381210	64.17563	1.438241	.0107144
Stddev	.23163	.024467	.005850	.0000833	.23340	.007505	.0015200
%RSD	.7647955	.5682253	4.997034	.2183907	.3636951	.5218498	14.18670

#1	30.04123	4.278786	-.110328	.0381887	63.90763	1.436218	.0092056
#2	30.50123	4.312059	-.120684	.0381464	64.33431	1.446551	.0106923
#3	30.31881	4.326495	-.120223	.0380281	64.28495	1.431955	.0122454

Sample Name: K3207-18 Acquired: 06/17/2019 14:52:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.147451	.0010207	.3613168
Stddev	.008047	.0022479	.0006395
%RSD	.7012618	220.2288	.1769904

#1	1.139798	.0023277	.3607081
#2	1.155840	-.001575	.3619832
#3	1.146715	.002309	.3612592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.855	1983.937	30894.33	7581.134	3019.598
Stddev	8.618	2.766	43.44	24.987	6.979
%RSD	.6417892	.1394012	.1406090	.3295963	.2311352

#1	1350.772	1982.055	30879.56	7552.781	3027.278
#2	1344.119	1987.112	30943.23	7599.940	3017.872
#3	1333.675	1982.643	30860.21	7590.682	3013.643

Sample Name: K3207-17 Acquired: 06/17/2019 14:48:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.41922	.0814494	1.427638	-.065011	.0724639	7.059106
Stddev	.01368	.0003364	.001949	.001489	.0002940	.025074
%RSD	.1019588	.4130456	.1364943	2.290786	.4056611	.3552048

#1	13.43466	.0816350	1.427267	-.063563	.0721439	7.037050
#2	13.40859	.0816522	1.429746	-.064931	.0725258	7.086378
#3	13.41441	.0810611	1.425902	-.066539	.0727220	7.053891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3118431	-.002590	.0210332	12.40735	-.065497	.1849853
Stddev	.0004222	.000139	.0001689	.03211	.000807	.0003651
%RSD	.1353898	5.362347	.8029506	.2587796	1.231985	.1973552

#1	.3120570	-.002522	.0212213	12.37107	-.065310	.1849152
#2	.3113567	-.002750	.0209834	12.43211	-.066381	.1853804
#3	.3121155	-.002499	.0208947	12.41886	-.064800	.1846604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6369591	220.3896	F 339.0936	3.534805	.1138604	.2423060
Stddev	.0028931	1.2866	1.7081	.040809	.0003203	.0004193
%RSD	.4542100	.5837833	.5037171	1.154502	.2813432	.1730469

#1	.6340035	219.2455	337.2235	3.498877	.1135278	.2419049
#2	.6397854	220.1409	340.5714	3.526363	.1141668	.2422718
#3	.6370883	221.7824	339.4858	3.579176	.1138865	.2427414

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332468	.1399657	5.278441	11.41638	3.013290	-.118509
Stddev	.173415	.0057582	.016631	.06975	.002676	.005086
%RSD	52.16003	4.114028	.3150764	.6109980	.0888140	4.291251

#1	-.526759	.1335240	5.278936	11.41101	3.011608	-.113307
#2	-.193357	.1446132	5.294819	11.48866	3.016376	-.123469
#3	-.277288	.1417600	5.261567	11.34947	3.011885	-.118750

Sample Name: K3207-17 Acquired: 06/17/2019 14:48:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2543952	1.208735	2.009559	.0030722	.0398835	.0012684
Stddev	.0008565	.012358	.015262	.0013487	.0015944	.0008329
%RSD	.3366905	1.022382	.7594577	43.89994	3.997650	65.66280
#1	.2538282	1.198570	1.992013	.0046177	.0404395	.0007808
#2	.2539769	1.222491	2.019755	.0024658	.0380855	.0007943
#3	.2553805	1.205146	2.016909	.0021332	.0411254	.0022301

Elem	Sr4077
Units	ppm
Avg	2.480359
Stddev	.004145
%RSD	.1671262
#1	2.482045
#2	2.483397
#3	2.475637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.706	2348.630	36209.00	8828.472	2909.296
Stddev	9.387	4.352	1.55	10.834	4.752
%RSD	.5919918	.1853174	.0042760	.1227196	.1633554
#1	1596.021	2343.886	36210.26	8839.229	2907.472
#2	1583.433	2349.565	36209.46	8817.562	2905.726
#3	1577.664	2352.439	36207.27	8828.627	2914.690

Sample Name: K3207-19 Acquired: 06/17/2019 14:56:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.036761	.0136741	1.024500	-.038607	.1202960	17.87767	3.636319
Stddev	.006112	.0025689	.000946	.005212	.0009458	.04284	.012963
%RSD	.3001018	18.78686	.0923459	13.50005	.7862592	.2396507	.3564972

#1	2.043468	.0139508	1.025149	-.040644	.1209276	17.90743	3.632015
#2	2.031505	.0160935	1.024937	-.042493	.1192086	17.89701	3.626056
#3	2.035310	.0109780	1.023415	-.032684	.1207518	17.82856	3.650888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171461	.0170931	16.87926	-.015914	.0719848	1.491638	232.6946
Stddev	.0001787	.0002094	.02537	.000305	.0001213	.006046	1.6285
%RSD	1.042351	1.225011	.1502891	1.917652	.1684875	.4052969	.6998486

#1	.0171145	.0170857	16.89616	-.016097	.0720992	1.493148	231.7840
#2	.0169853	.0168876	16.85009	-.015562	.0719976	1.484981	231.7251
#3	.0173385	.0173062	16.89152	-.016084	.0718577	1.496785	234.5747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.02677	2.301075	.0544006	.0882652	-.670746	.1507612	1.036809
Stddev	.12072	.014215	.0003848	.0002231	.153555	.0021324	.004485
%RSD	.4158969	.6177381	.7072634	.2527172	22.89314	1.414396	.4325811

#1	29.03885	2.295525	.0545551	.0881588	-.796290	.1514057	1.031634
#2	28.90046	2.290474	.0546841	.0881152	-.716409	.1524971	1.039579
#3	29.14100	2.317228	.0539626	.0885215	-.499539	.1483810	1.039212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.087542	5.725156	-.100607	.0508027	2.984582	1.469725	.0048317
Stddev	.056069	.019803	.006001	.0003448	.005045	.014284	.0004968
%RSD	1.102085	.3458887	5.964795	.6787216	.1690264	.9719093	10.28250

#1	5.137520	5.737267	-.107407	.0505296	2.980120	1.478130	.0049710
#2	5.026911	5.702304	-.096055	.0511901	2.983569	1.453232	.0042801
#3	5.098194	5.735898	-.098358	.0506883	2.990056	1.477813	.0052440

Sample Name: K3207-19 Acquired: 06/17/2019 14:56:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3818090	.0134119	.4332485
Stddev	.0019652	.0003883	.0005902
%RSD	.5147021	2.895391	.1362199

#1	.3840396	.0137273	.4334463
#2	.3810548	.0135301	.4325848
#3	.3803326	.0129782	.4337144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.226	2130.399	33512.57	8144.626	3028.270
Stddev	11.084	5.554	172.84	1.504	9.143
%RSD	.7626849	.2606868	.5157410	.0184681	.3019380

#1	1464.989	2124.155	33705.64	8145.567	3018.557
#2	1451.712	2134.788	33372.28	8145.420	3036.712
#3	1442.978	2132.253	33459.77	8142.891	3029.539

Sample Name: K3209-08 Acquired: 06/17/2019 15:00:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310911	.0019504	.0560970	-.004328	-.001618	1.128488	.2715668
Stddev	.0033303	.0018278	.0014041	.003157	.001162	.008485	.0011130
%RSD	10.71150	93.71296	2.502955	72.94188	71.79372	.7518744	.4098305

#1	.0274442	.0004776	.0575315	-.006321	-.001838	1.135917	.2704163
#2	.0318580	.0039960	.0560341	-.005973	-.002655	1.130306	.2716460
#3	.0339711	.0013777	.0547255	-.000688	-.000362	1.119242	.2726380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002870	.0002475	.7123161	-.000374	.0009874	.0213544	1.132615
Stddev	.0000912	.0000234	.0029344	.000482	.0006043	.0021734	.006051
%RSD	31.76744	9.468327	.4119473	128.8556	61.19720	10.17779	.5342349

#1	.0001819	.0002646	.7127885	.000100	.0004470	.0218203	1.125727
#2	.0003443	.0002572	.7091742	-.000864	.0016399	.0189859	1.135044
#3	.0003348	.0002208	.7149857	-.000359	.0008754	.0232571	1.137073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5375542	.1984716	.0015331	.0027874	1.957667	-.000026	.1160651
Stddev	.0015892	.0085184	.0002120	.0005787	.098031	.000405	.0027121
%RSD	.2956424	4.292004	13.82724	20.76193	5.007536	1547.800	2.336743

#1	.5359424	.2079122	.0012883	.0022045	2.060868	-.000323	.1132782
#2	.5376003	.1961428	.0016580	.0033619	1.865789	-.000190	.1186957
#3	.5391199	.1913598	.0016529	.0027959	1.946344	.000435	.1162214

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.46238	.0716148	.1056956	.0008526	.6833157	2.532489	-.000947
Stddev	.06464	.0014869	.0015118	.0000836	.0058559	.006303	.000747
%RSD	4.420123	2.076237	1.430347	9.801340	.8569893	.2489026	78.86920

#1	-1.51840	.0721869	.1042769	.0009426	.6769385	2.525581	-.001801
#2	-1.47708	.0727307	.1055240	.0008377	.6845573	2.537929	-.000412
#3	-1.39166	.0699269	.1072859	.0007775	.6884512	2.533958	-.000629

Sample Name: K3209-08 Acquired: 06/17/2019 15:00:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0078141	-.007123	.0111549
Stddev	.0006233	.000379	.0001062
%RSD	7.976318	5.326494	.9522532

#1	.0071187	-.006719	.0111074
#2	.0083224	-.007472	.0112765
#3	.0080011	-.007177	.0110806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.742	2096.051	32373.38	7707.474	3382.753
Stddev	10.269	1.281	167.45	15.196	2.083
%RSD	.7182089	.0611311	.5172545	.1971545	.0615697

#1	1426.854	2096.574	32509.67	7724.710	3381.706
#2	1421.227	2094.591	32186.45	7701.698	3381.402
#3	1441.146	2096.988	32424.02	7696.013	3385.152

Sample Name: K3209-10 Acquired: 06/17/2019 15:08:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674817	.0553478	.0754857	.0426262	.0811928	2.907821	2.330808
Stddev	.0016757	.0013111	.0014837	.0018036	.0023277	.028266	.001750
%RSD	2.483163	2.368843	1.965530	4.231199	2.866824	.9720783	.0750764

#1	.0681234	.0550013	.0765810	.0445087	.0829096	2.940144	2.330378
#2	.0655800	.0542447	.0760788	.0409135	.0821253	2.887739	2.329313
#3	.0687417	.0567973	.0737972	.0424563	.0785435	2.895578	2.332732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528394	.0507213	.7105423	.2114439	.4920109	.2413633	2.129840
Stddev	.0005508	.0001268	.0034384	.0009699	.0009035	.0024289	.019011
%RSD	1.042319	.2499686	.4839143	.4587146	.1836396	1.006305	.8926127

#1	.0529105	.0505749	.7112312	.2103514	.4930440	.2441543	2.107889
#2	.0522566	.0507953	.7135841	.2117766	.4913683	.2397291	2.140640
#3	.0533512	.0507936	.7068116	.2122036	.4916204	.2402064	2.140991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.055970	.2127746	.5051550	.0514513	2.038496	.5122669	.6110224
Stddev	.001233	.0057256	.0004409	.0000807	.337603	.0043898	.0023642
%RSD	.1167830	2.690898	.0872855	.1569210	16.56139	.8569460	.3869201

#1	1.056806	.2088518	.5056585	.0515248	1.752855	.5072061	.6137515
#2	1.054554	.2193448	.5049688	.0514641	1.951572	.5150461	.6097139
#3	1.056551	.2101272	.5048377	.0513649	2.411062	.5145485	.6096017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.52570	.0703642	.1029950	.0010880	.6629750	2.381291	-.001606
Stddev	.07809	.0018378	.0027911	.0000272	.0011680	.018143	.000059
%RSD	5.118339	2.611799	2.709945	2.501942	.1761704	.7619145	3.697470

#1	-1.54603	.0692823	.1052676	.0011194	.6636846	2.389503	-.001576
#2	-1.59162	.0693242	.0998796	.0010728	.6616270	2.360493	-.001567
#3	-1.43946	.0724862	.1038379	.0010717	.6636134	2.393876	-.001674

Sample Name: K3209-10 Acquired: 06/17/2019 15:08:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0061888	-.008502	.0108852
Stddev	.0010973	.000661	.0001015
%RSD	17.73106	7.778590	.9328222

#1	.0064688	-.007799	.0110008
#2	.0071190	-.008595	.0108448
#3	.0049786	-.009112	.0108102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.871	2075.417	31837.58	7602.621	3357.330
Stddev	8.444	4.641	96.51	20.629	3.740
%RSD	.6006347	.2236382	.3031209	.2713410	.1113893

#1	1415.203	2078.158	31901.46	7608.843	3356.569
#2	1398.758	2078.035	31726.57	7619.422	3361.392
#3	1403.652	2070.058	31884.72	7579.597	3354.029

Sample Name: K3209-09 Acquired: 06/17/2019 15:04:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BT8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330184	.0018593	.0551291	-.003029	-.000622	1.129469	.2704800
Stddev	.0004752	.0014765	.0007540	.003025	.000492	.007585	.0008988
%RSD	1.439220	79.40826	1.367631	99.85530	79.06143	.6715576	.3323183

#1	.0334344	.0001919	.0554935	-.006413	-.001143	1.133469	.2715089
#2	.0325005	.0023855	.0542622	-.002090	-.000557	1.120721	.2698471
#3	.0331202	.0030006	.0556317	-.000586	-.000166	1.134216	.2700841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002703	.0002842	.7137707	.0000623	.0010008	.0226315	1.118896
Stddev	.0000060	.0000233	.0079811	.0003013	.0000089	.0011693	.014413
%RSD	2.223702	8.215927	1.118158	483.9348	.8937450	5.166654	1.288100

#1	.0002771	.0002952	.7214255	.0003939	.0009950	.0237557	1.103412
#2	.0002683	.0002574	.7054991	-.000195	.0010111	.0214218	1.121356
#3	.0002656	.0003000	.7143873	-.000012	.0009964	.0227171	1.131920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5320246	.2244771	.0015032	.0031301	2.049084	.0011343	.1181084
Stddev	.0011808	.0151976	.0001947	.0001441	.169223	.0022409	.0045911
%RSD	.2219522	6.770222	12.95477	4.603444	8.258470	197.5501	3.887165

#1	.5308399	.2093072	.0013242	.0029689	1.951674	.0028165	.1160839
#2	.5320324	.2244217	.0014748	.0031751	2.244486	-.001409	.1233638
#3	.5332015	.2397023	.0017105	.0032463	1.951093	.001996	.1148777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.48217	.0741540	.1046338	.0010761	.6808829	2.517679	-.001927
Stddev	.06704	.0026919	.0004352	.0000566	.0022418	.006782	.000778
%RSD	4.523372	3.630155	.4159490	5.259330	.3292456	.2693571	40.36038

#1	-1.40947	.0724421	.1048495	.0010586	.6812509	2.521433	-.002824
#2	-1.49547	.0772569	.1049190	.0010302	.6784799	2.521754	-.001498
#3	-1.54156	.0727632	.1041328	.0011393	.6829179	2.509851	-.001458

Sample Name: K3209-09 Acquired: 06/17/2019 15:04:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0076926	-.008903	.0109704
Stddev	.0006566	.002175	.0000327
%RSD	8.534926	24.42967	.2981096

#1	.0071494	-.006535	.0109426
#2	.0084222	-.010812	.0110064
#3	.0075061	-.009360	.0109623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.251	2080.011	32288.40	7725.538	3358.909
Stddev	13.003	4.658	104.04	22.492	8.318
%RSD	.9135818	.2239582	.3222350	.2911433	.2476279

#1	1426.826	2081.311	32391.41	7702.612	3366.121
#2	1408.835	2074.841	32183.35	7747.570	3349.810
#3	1434.092	2083.882	32290.44	7726.432	3360.795

Sample Name: K3209-08LX5 Acquired: 06/17/2019 15:12:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071541	.0000303	.0085369	-.002248	-.001205	.2124517	.0501512
Stddev	.0015702	.0014375	.0014988	.001997	.000253	.0102490	.0008192
%RSD	21.94793	4752.164	17.55729	88.82636	20.96711	4.824142	1.633405

#1	.0068385	.0015975	.0070102	-.004388	-.000945	.2020207	.0495026
#2	.0057658	-.000280	.0100062	-.000434	-.001449	.2225084	.0498792
#3	.0088582	-.001227	.0085943	-.001922	-.001221	.2128261	.0510718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000031	.0000045	.1294258	.0002871	.0006442	.0061933	.2053048
Stddev	.0000633	.0000144	.0066905	.0006344	.0003086	.0014111	.0027429
%RSD	2046.614	319.0243	5.169375	221.0004	47.90769	22.78420	1.336005

#1	.0000541	-.000002	.1354368	.0008403	.0008016	.0056030	.2047972
#2	.0000229	.000021	.1306231	.0004264	.0008423	.0051732	.2028512
#3	-.000068	-.000005	.1222174	-.000405	.0002886	.0078037	.2082660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983692	.0474330	.0007189	.0010891	.4980261	.0018490	.0178642
Stddev	.0011738	.0098324	.0003630	.0008617	.1345768	.0021587	.0014264
%RSD	1.193217	20.72904	50.49492	79.11667	27.02204	116.7540	7.984894

#1	.0970828	.0585439	.0010959	.0010114	.6257754	.0012444	.0166329
#2	.0986428	.0398560	.0006889	.0019870	.5107741	.0042455	.0194273
#3	.0993820	.0438990	.0003718	.0002689	.3575289	.0000570	.0175324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.647109	.0107931	.0139758	-.000013	.1242862	.4532721	-.001192
Stddev	.087706	.0014348	.0002567	.000355	.0051776	.0049285	.000621
%RSD	13.55348	13.29392	1.836795	2786.903	4.165867	1.087313	52.12517

#1	-.652843	.0101299	.0142663	-.000216	.1234891	.4540654	-.001736
#2	-.731807	.0098099	.0138814	.000397	.1298162	.4479951	-.000515
#3	-.556677	.0124396	.0137797	-.000219	.1195535	.4577558	-.001325

Sample Name: K3209-08LX5 Acquired: 06/17/2019 15:12:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BT8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019228	-.005223	.0020054
Stddev	.0018496	.002136	.0000667
%RSD	96.19543	40.89812	3.324399

#1	.0018983	-.004389	.0019298
#2	.0000855	-.003629	.0020307
#3	.0037845	-.007650	.0020558

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.865	1983.798	30710.81	7411.977	3199.710
Stddev	11.578	6.480	204.80	20.130	12.198
%RSD	.8589522	.3266272	.6668573	.2715924	.3812214

#1	1361.106	1978.006	30945.05	7397.180	3187.615
#2	1342.845	1982.593	30621.83	7434.900	3199.507
#3	1339.645	1990.796	30565.55	7403.850	3212.008

Sample Name: K3330-01DLX2 Acquired: 06/17/2019 15:16:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBEF39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.368645	.0023685	.0368155	-.004076	-.000201	18.61425	1.862622
Stddev	.030873	.0019601	.0012859	.001803	.001331	.07838	.003357
%RSD	.3295394	82.75608	3.492732	44.24088	662.2761	.4210690	.1802494

#1	9.363531	.0038738	.0369449	-.006143	.000785	18.58473	1.859199
#2	9.340647	.0030795	.0354698	-.002824	.000327	18.70310	1.862757
#3	9.401756	.0001522	.0380317	-.003261	-.001714	18.55491	1.865910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008652	-.000492	7.894520	.0156523	.0012312	.0570693	7.865281
Stddev	.0000908	.000087	.014547	.0002307	.0002999	.0004294	.035729
%RSD	10.49533	17.62635	.1842729	1.473769	24.36012	.7523549	.4542579

#1	.0007653	-.000394	7.881359	.0158883	.0014642	.0575583	7.845692
#2	.0008879	-.000521	7.892060	.0154273	.0013365	.0567543	7.843632
#3	.0009426	-.000560	7.910141	.0156414	.0008928	.0568952	7.906520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185524	.8840866	.0037842	.0004279	9.361350	.0539193	.6742317
Stddev	.0006787	.0077875	.0001709	.0002817	.368337	.0019723	.0056203
%RSD	3.658475	.8808506	4.517261	65.82198	3.934653	3.657897	.8335829

#1	.0182034	.8878325	.0038846	.0001550	9.033500	.0538995	.6803310
#2	.0181191	.8892933	.0035868	.0004112	9.759919	.0559014	.6731020
#3	.0193346	.8751340	.0038812	.0007175	9.290631	.0519569	.6692621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6433952	.3215956	.4281061	.0005833	2.290164	7.767549	-.000949
Stddev	.0775137	.0013620	.0059980	.0002531	.004481	.100743	.000383
%RSD	12.04761	.4235139	1.401054	43.39603	.1956445	1.296970	40.33927

#1	.5786113	.3221802	.4229462	.0008708	2.286339	7.655054	-.001375
#2	.7292723	.3200389	.4346870	.0004851	2.289060	7.849444	-.000635
#3	.6223019	.3225677	.4266852	.0003939	2.295094	7.798149	-.000836

Sample Name: K3330-01DLX2 Acquired: 06/17/2019 15:16:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBEF39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0172386	-.004093	.0603048
Stddev	.0014273	.001285	.0001265
%RSD	8.279711	31.40228	.2098353

#1	.0167659	-.005522	.0602113
#2	.0188423	-.003033	.0604488
#3	.0161076	-.003723	.0602543

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.953	2085.463	31924.94	7816.048	3243.663
Stddev	7.205	3.250	212.07	40.992	4.799
%RSD	.5131819	.1558236	.6642672	.5244608	.1479463

#1	1398.386	2082.343	31745.80	7863.357	3238.412
#2	1412.091	2085.220	32159.09	7791.049	3247.820
#3	1401.383	2088.828	31869.93	7793.740	3244.757

Sample Name: CCB088 Acquired: 06/17/2019 15:32:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB088 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025803	.0025237	-.001408	-.002472	-.003734	.0247296	.0002917
Stddev	.0041129	.0017519	.000486	.002478	.000834	.0069927	.0004091
%RSD	159.3993	69.41784	34.54569	100.2595	22.33000	28.27650	140.2644

#1	-.001090	.0038905	-.000875	-.000047	-.002831	.0173840	.0005308
#2	.007026	.0031319	-.001519	-.002369	-.003896	.0254992	.0005250
#3	.001805	.0005488	-.001829	-.004999	-.004475	.0313056	-.000181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000933	.0000318	.0240843	.0008636	.0009546	.0018824	.0146734
Stddev	.0000346	.0000541	.0113731	.0001844	.0003007	.0022034	.0026826
%RSD	37.11805	169.8210	47.22209	21.34624	31.49988	117.0515	18.28218

#1	.0001096	.0000466	.0329704	.0007024	.0012916	.0026045	.0175255
#2	.0001169	.0000770	.0280154	.0008238	.0008587	-.000591	.0122006
#3	.0000536	-.000028	.0112671	.0010646	.0007136	.003634	.0142940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011752	.0178385	.0012698	.0008807	-.238095	.0006540	-.001588
Stddev	.0001244	.0099580	.0001211	.0006434	.235023	.0021677	.000519
%RSD	10.58834	55.82339	9.535763	73.05418	98.70946	331.4446	32.69072

#1	.0013176	.0157360	.0012501	.0016066	-.229327	.0022951	-.002174
#2	.0011211	.0286799	.0013995	.0003808	-.477379	-.001803	-.001404
#3	.0010871	.0090995	.0011598	.0006547	-.007579	.001470	-.001186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.237836	-.002271	.0040436	.0003031	-.006530	-.000380	-.000583
Stddev	.088546	.001618	.0008532	.0000834	.003114	.001013	.001110
%RSD	37.22964	71.25012	21.09954	27.50208	47.69534	266.6522	190.1597

#1	-.251138	-.000439	.0049208	.0003969	-.008893	-.001548	-.000870
#2	-.318979	-.002872	.0032167	.0002375	-.007696	.000250	-.001522
#3	-.143393	-.003503	.0039932	.0002748	-.003001	.000159	.000641

Sample Name: CCB088 Acquired: 06/17/2019 15:32:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019684	-.002179	.0001643
Stddev	.0012028	.001766	.0001332
%RSD	61.10453	81.03998	81.11766

#1	.0031916	-.000374	.0003148
#2	.0019264	-.003903	.0000614
#3	.0007872	-.002259	.0001165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.207	1967.844	30150.44	7337.870	3192.118
Stddev	6.308	2.544	56.45	15.650	3.882
%RSD	.4785433	.1292881	.1872288	.2132837	.1215989

#1	1318.624	1966.159	30104.70	7335.370	3187.882
#2	1324.296	1966.603	30213.53	7354.620	3192.968
#3	1311.700	1970.771	30133.10	7323.620	3195.504

Sample Name: CCV088 Acquired: 06/17/2019 15:28:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.224939	5.196001	25.86455	4.881745	5.190744	403.8861	10.79438
Stddev	.006882	.003608	.02869	.009867	.007480	1.0844	.05166
%RSD	.1317199	.0694391	.1109331	.2021268	.1440986	.2684908	.4786145

#1	5.228692	5.196058	25.85135	4.887752	5.195153	405.0032	10.81048
#2	5.216996	5.199581	25.89747	4.870357	5.182108	402.8377	10.83608
#3	5.229130	5.192365	25.84484	4.887126	5.194972	403.8176	10.73659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5237678	2.496527	409.5737	16.01234	2.631909	16.12533	390.7079
Stddev	.0036442	.004102	1.9326	.04379	.000607	.03862	3.6486
%RSD	.6957568	.1642904	.4718451	.2734502	.0230451	.2395065	.9338508

#1	.5223755	2.500698	409.0426	15.97923	2.631602	16.16580	388.0721
#2	.5279028	2.496384	411.7163	15.99581	2.632608	16.12132	394.8722
#3	.5210250	2.492499	407.9623	16.06199	2.631518	16.08887	389.1794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21758	396.5883	2.613726	1.335419	406.0857	2.651794	15.93180
Stddev	.10350	3.5140	.001117	.004491	4.1167	.028637	.13370
%RSD	.6382167	.8860667	.0427308	.3363072	1.013749	1.079908	.8391944

#1	16.19960	394.1398	2.614845	1.335228	404.2482	2.638832	16.04032
#2	16.32889	400.6147	2.613723	1.340003	410.8011	2.684620	15.78245
#3	16.12424	395.0103	2.612611	1.331027	403.2078	2.631930	15.97263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	163.0676	5.339251	5.156490	4.984994	4.961445	5.405127	5.164165
Stddev	.3469	.010662	.046309	.006060	.020594	.047001	.007539
%RSD	.2127227	.1996954	.8980685	.1215689	.4150835	.8695594	.1459961

#1	163.4566	5.328151	5.146763	4.990982	4.979818	5.394215	5.171287
#2	162.7903	5.340188	5.206890	4.978864	4.965333	5.456624	5.164941
#3	162.9559	5.349414	5.115817	4.985135	4.939184	5.364542	5.156268

Sample Name: CCV088 Acquired: 06/17/2019 15:28:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.203965	5.254268	5.288754
Stddev	.024328	.015094	.060331
%RSD	.4674926	.2872777	1.140741

#1	5.226937	5.264902	5.255542
#2	5.178476	5.260911	5.358394
#3	5.206481	5.236992	5.252326

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.080	1577.417	26666.93	6777.819	2452.873
Stddev	1.875	.734	83.04	46.744	3.815
%RSD	.1704574	.0465285	.3113865	.6896662	.1555342

#1	1099.925	1576.678	26638.97	6780.343	2449.617
#2	1098.287	1578.146	26601.48	6729.864	2451.931
#3	1102.028	1577.426	26760.34	6823.251	2457.071

Sample Name: PB120653BS Acquired: 06/17/2019 15:40:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS653 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172095	.0473339	.0169080	.0522662	.1065540	.4052624
Stddev	.0031341	.0013493	.0013730	.0064290	.0021496	.0090060
%RSD	18.21130	2.850509	8.120650	12.30051	2.017332	2.222251

#1	.0136300	.0466734	.0162654	.0449627	.1044367	.4078111
#2	.0185380	.0488861	.0184844	.0547662	.1087344	.4127194
#3	.0194606	.0464421	.0159741	.0570697	.1064909	.3952568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3822607	.0096607	.0093283	9.227210	.0217382	.0910746
Stddev	.0002628	.0000466	.0000781	.035477	.0001737	.0001115
%RSD	.0687493	.4824056	.8367314	.3844877	.7989388	.1224177

#1	.3825000	.0096895	.0092463	9.251635	.0216579	.0909459
#2	.3819795	.0096856	.0093368	9.186516	.0216193	.0911378
#3	.3823026	.0096069	.0094017	9.243480	.0219375	.0911401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433856	.1917301	.0336396	8.827015	.0761095	.0193926
Stddev	.0031628	.0066954	.0001532	.099041	.0003749	.0004732
%RSD	7.289895	3.492071	.4553645	1.122018	.4925407	2.440227

#1	.0464425	.1973875	.0338152	8.894928	.0758170	.0188658
#2	.0435876	.1843382	.0335338	8.713372	.0765321	.0197818
#3	.0401267	.1934647	.0335698	8.872746	.0759795	.0195302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.487400	.0972006	.1183784	8.325542	.0208151	.1755744
Stddev	.264911	.0019960	.0052408	.112287	.0010777	.0018174
%RSD	2.792244	2.053456	4.427151	1.348699	5.177621	1.035121

#1	9.745577	.0950824	.1163681	8.254560	.0195719	.1764922
#2	9.500392	.0974732	.1243267	8.454998	.0214861	.1767500
#3	9.216232	.0990463	.1144403	8.267069	.0213871	.1734812

Sample Name: PB120653BS Acquired: 06/17/2019 15:40:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS653 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175730	.1451996	.1876072	F .0561151	.1745674	.0279307
Stddev	.0002636	.0001598	.0010688	.0007242	.0017335	.0011454
%RSD	1.499976	.1100801	.5697132	1.290530	.9930466	4.100921
#1	.0172967	.1450559	.1888271	.0554239	.1732828	.0290120
#2	.0178217	.1451712	.1871590	.0560531	.1765392	.0267304
#3	.0176005	.1453718	.1868354	.0568683	.1738802	.0280498

Elem	Sr4077
Units	ppm
Avg	.1949176
Stddev	.0009101
%RSD	.4669041
#1	.1943629
#2	.1959679
#3	.1944219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.923	1886.106	29141.99	7094.694	3073.076
Stddev	9.825	2.626	141.55	16.903	3.063
%RSD	.7706498	.1392287	.4857238	.2382496	.0996606
#1	1286.257	1883.634	29304.36	7079.722	3072.410
#2	1268.810	1885.821	29044.59	7113.024	3070.401
#3	1269.703	1888.863	29077.01	7091.335	3076.416

Sample Name: PB120653BL Acquired: 06/17/2019 15:36:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS653 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027912	-.000083	-.001078	-.001348	-.002958	.0038875	-.000624
Stddev	.0012337	.002336	.000513	.003048	.000999	.0052884	.000156
%RSD	44.20088	2800.373	47.58830	226.1096	33.77078	136.0348	25.01729

#1	.0042080	.001438	-.001658	-.004530	-.002486	.0037934	-.000455
#2	.0022110	.001085	-.000682	.001545	-.002282	-.001353	-.000653
#3	.0019545	-.002774	-.000895	-.001058	-.004105	.009222	-.000763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000492	-.000086	-.002785	.0000873	.0007892	.0011983	-.011318
Stddev	.0000977	.000020	.010604	.0002184	.0002815	.0006058	.006004
%RSD	198.7763	23.12944	380.7899	250.0625	35.66730	50.55413	53.05046

#1	.0001337	-.000106	-.007524	.0002126	.0008991	.0004989	-.018084
#2	-.000058	-.000066	-.010193	.0002143	.0009991	.0015370	-.009250
#3	.000072	-.000087	.009363	-.000165	.0004693	.0015589	-.006622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003473	.0140700	.0007688	.0007640	.0811501	.0027668	-.003130
Stddev	.0001791	.0161751	.0001145	.0002796	.5099280	.0023232	.002453
%RSD	51.58030	114.9611	14.89162	36.59939	628.3764	83.96992	78.39550

#1	.0003391	.0005024	.0007599	.0007431	.3486557	.0029217	-.005398
#2	.0001724	.0319701	.0008875	.0010535	.4016629	.0050086	-.003465
#3	.0005303	.0097375	.0006590	.0004954	-.506868	.0003699	-.000526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.379065	-.004766	-.001711	-.000147	-.007853	-.003595	-.001019
Stddev	.045177	.002408	.001382	.000108	.002110	.000893	.000872
%RSD	11.91790	50.52613	80.77293	74.00537	26.87060	24.84819	85.58905

#1	-.431213	-.004865	-.000122	-.000200	-.005470	-.003514	-.001442
#2	-.351842	-.002310	-.002374	-.000022	-.009486	-.004527	-.000016
#3	-.354139	-.007124	-.002636	-.000218	-.008604	-.002746	-.001599

Sample Name: PB120653BL Acquired: 06/17/2019 15:36:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS653 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015268	-.004491	-.000078
Stddev	.0011687	.000879	.000087
%RSD	76.54527	19.57983	111.6644

#1	.0028478	-.003798	-.000041
#2	.0006277	-.004194	-.000176
#3	.0011048	-.005480	-.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.313	1951.257	29939.25	7288.853	3163.779
Stddev	15.374	6.393	121.80	25.887	12.142
%RSD	1.162652	.3276362	.4068078	.3551548	.3837961

#1	1306.064	1958.195	29800.06	7312.820	3175.843
#2	1336.629	1949.971	29991.36	7261.400	3163.935
#3	1324.246	1945.605	30026.31	7292.340	3151.560

Sample Name: PB120655BS Acquired: 06/17/2019 15:48:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS655 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0137431	.0468453	.0166976	.0555367	.1057105	.3900003
Stddev	.0013605	.0021009	.0011853	.0017208	.0013814	.0093153
%RSD	9.899766	4.484871	7.098682	3.098589	1.306740	2.388534

#1	.0125094	.0444521	.0165147	.0573261	.1042501	.3810995
#2	.0135175	.0483858	.0179637	.0553903	.1069962	.3996810
#3	.0152023	.0476981	.0156144	.0538937	.1058853	.3892205

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3788876	.0094997	.0093361	9.161386	.0214231	.0909236
Stddev	.0008533	.0000934	.0001058	.009254	.0006163	.0001884
%RSD	.2252199	.9827879	1.133667	.1010127	2.876993	.2072074

#1	.3794768	.0094982	.0093858	9.168474	.0221161	.0907588
#2	.3779090	.0094071	.0094079	9.150917	.0212171	.0911290
#3	.3792769	.0095938	.0092145	9.164767	.0209362	.0908831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432014	.1979501	.0339843	8.803907	.0759831	.0193916
Stddev	.0011283	.0084243	.0005057	.029871	.0003734	.0003050
%RSD	2.611697	4.255749	1.488071	.3392908	.4913771	1.572580

#1	.0438842	.2063965	.0343355	8.772275	.0757257	.0195641
#2	.0418991	.1979058	.0342126	8.807814	.0758123	.0190395
#3	.0438210	.1895481	.0334046	8.831633	.0764113	.0195713

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.476230	.0958578	.1154683	8.301083	.0208504	.1724990
Stddev	.088334	.0028514	.0044689	.005030	.0000983	.0011646
%RSD	.9321624	2.974602	3.870246	.0605953	.4712735	.6751529

#1	9.399817	.0927192	.1202986	8.306297	.0208510	.1723490
#2	9.455924	.0965653	.1114808	8.300692	.0209484	.1737314
#3	9.572949	.0982888	.1146254	8.296259	.0207518	.1714167

Sample Name: PB120655BS Acquired: 06/17/2019 15:48:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS655 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175230	.1456015	.1873771	F .0542064	.1715879	.0266480
Stddev	.0002959	.0020589	.0011903	.0012631	.0008747	.0013156
%RSD	1.688698	1.414100	.6352229	2.330094	.5097625	4.937005
#1	.0178574	.1478436	.1869800	.0533658	.1707010	.0255284
#2	.0172949	.1437957	.1887152	.0556589	.1716128	.0263185
#3	.0174168	.1451652	.1864362	.0535945	.1724498	.0280970

Elem	Sr4077
Units	ppm
Avg	.1938613
Stddev	.0003428
%RSD	.1768220
#1	.1935198
#2	.1938587
#3	.1942054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.754	1894.329	29388.29	7189.927	3085.369
Stddev	15.304	4.892	106.80	19.216	10.320
%RSD	1.190268	.2582568	.3634072	.2672664	.3344755
#1	1275.320	1899.510	29271.40	7202.429	3097.187
#2	1303.322	1889.788	29480.77	7167.800	3080.779
#3	1278.620	1893.688	29412.69	7199.552	3078.140

Sample Name: PB120655BL Acquired: 06/17/2019 15:44:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS655 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025288	.0008318	-.002857	-.004574	-.002134	.0022433	-.000099
Stddev	.0016033	.0014485	.000407	.004728	.000693	.0032947	.000206
%RSD	63.40291	174.1477	14.24967	103.3624	32.47880	146.8726	208.0956

#1	.0035934	-.000136	-.002705	.000509	-.001347	.0060419	-.000185
#2	.0006848	.002497	-.002547	-.008841	-.002653	.0005253	.000136
#3	.0033082	.000134	-.003318	-.005390	-.002402	.0001625	-.000249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000827	-.000016	.0036064	.0004165	.0006104	.0000789	-.003230
Stddev	.0000158	.000047	.0076676	.0006142	.0000450	.0013884	.003779
%RSD	19.11990	294.6015	212.6118	147.4823	7.364997	1758.568	116.9866

#1	.0000778	.000011	.0080860	.0003131	.0005801	.0013614	.000453
#2	.0000700	-.000071	-.005247	-.000140	.0006621	-.001395	-.003046
#3	.0001004	.000011	.007980	.001076	.0005890	.000271	-.007098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004827	.0110164	.0007560	.0008524	-.255327	.0024631	-.004195
Stddev	.0003558	.0033789	.0006274	.0002295	.195015	.0011691	.001964
%RSD	73.71973	30.67190	82.98206	26.92797	76.37870	47.46435	46.82692

#1	.0006404	.0104718	.0010787	.0007168	-.112334	.0012252	-.006155
#2	.0000753	.0079428	.0011564	.0007231	-.176173	.0026156	-.004202
#3	.0007324	.0146346	.0000330	.0011175	-.477474	.0035484	-.002227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.315633	-.001187	-.004385	.0000217	-.004429	-.002144	-.000944
Stddev	.053533	.002564	.000376	.0000352	.003498	.000658	.000291
%RSD	16.96051	215.9527	8.581822	162.3944	78.98096	30.70941	30.77019

#1	-.355074	-.004040	-.004020	.0000613	-.008115	-.002592	-.000845
#2	-.254692	-.000449	-.004364	-.000006	-.004013	-.002452	-.001272
#3	-.337132	.000927	-.004772	.000009	-.001157	-.001388	-.000717

Sample Name: PB120655BL Acquired: 06/17/2019 15:44:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS655 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004221	-.003809	-.000099
Stddev	.0014003	.001973	.000100
%RSD	331.7075	51.79719	100.7760

#1	.0012303	-.002430	-.000038
#2	-.001195	-.002928	-.000214
#3	.001231	-.006069	-.000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.314	1966.450	30159.99	7265.657	3184.149
Stddev	5.275	1.832	130.21	53.340	2.027
%RSD	.4007227	.0931811	.4317392	.7341339	.0636701

#1	1322.114	1964.337	30297.72	7246.860	3183.662
#2	1315.028	1967.598	30143.36	7224.260	3182.409
#3	1311.802	1967.415	30038.89	7325.850	3186.375

Sample Name: K3208-21 Acquired: 06/17/2019 15:56:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AZ0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8573126	.1052589	2.859467	-.048299	.0812988	74.80604	.9757652
Stddev	.0038270	.0010125	.008518	.000096	.0031339	.73994	.0025943
%RSD	.4463975	.9618911	.2978924	.1984600	3.854819	.9891410	.2658729

#1	.8609290	.1041023	2.859801	-.048405	.0848098	74.82153	.9757278
#2	.8533050	.1059850	2.850786	-.048274	.0787842	75.53811	.9783781
#3	.8577037	.1056893	2.867813	-.048219	.0803024	74.05848	.9731899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059167	.0110585	25.45205	.0216827	.0582365	1.083002	318.6823
Stddev	.0000595	.0001119	.06313	.0002988	.0002349	.012821	2.9225
%RSD	1.005914	1.011662	.2480496	1.377874	.4033133	1.183801	.9170611

#1	.0059816	.0110511	25.47344	.0214951	.0579653	1.086653	319.5731
#2	.0058646	.0111739	25.50170	.0220272	.0583669	1.093600	315.4180
#3	.0059041	.0109506	25.38100	.0215258	.0583771	1.068751	321.0557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.839750	30.05864	.0496895	.4051465	.1582868	.3080699	1.523875
Stddev	.007505	.26088	.0003835	.0020137	.2651433	.0031652	.016995
%RSD	.1285112	.8678937	.7717380	.4970277	167.5081	1.027426	1.115262

#1	5.845866	30.04096	.0501322	.4074258	-.080727	.3116454	1.515764
#2	5.842009	29.80705	.0494603	.4044050	.443490	.3056261	1.543406
#3	5.831376	30.32791	.0494760	.4036087	.112098	.3069382	1.512455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.78216	7.312055	-.163279	.0355878	35.01019	1.627905	.0205133
Stddev	.27136	.027079	.011137	.0003972	.08934	.011468	.0013766
%RSD	.7377534	.3703392	6.820557	1.116025	.2551765	.7044869	6.710709

#1	36.91838	7.282255	-.167859	.0351443	34.90968	1.639728	.0198190
#2	36.95843	7.335155	-.171396	.0359107	35.08055	1.616827	.0220988
#3	36.46968	7.318757	-.150583	.0357084	35.04035	1.627159	.0196221

Sample Name: K3208-21 Acquired: 06/17/2019 15:56:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.283543	.0737075	.4319126
Stddev	.065546	.0012740	.0024150
%RSD	1.043139	1.728434	.5591432

#1	6.286281	.0733533	.4324267
#2	6.347677	.0751211	.4340292
#3	6.216671	.0726481	.4292820

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.494	2132.901	33531.66	8152.858	3014.149
Stddev	3.260	4.401	89.92	38.368	5.584
%RSD	.2230307	.2063558	.2681714	.4706024	.1852526

#1	1457.736	2132.515	33510.86	8144.448	3011.883
#2	1463.548	2137.483	33453.97	8119.393	3020.510
#3	1463.199	2128.705	33630.17	8194.733	3010.055

Sample Name: K3208-20 Acquired: 06/17/2019 15:52:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8600858	.1042634	2.878595	-.048045	.0820566	75.26972	.9842947
Stddev	.0002815	.0014214	.010718	.001817	.0026297	.23576	.0002948
%RSD	.0327245	1.363228	.3723177	3.781384	3.204782	.3132246	.0299503

#1	.8598590	.1043160	2.872572	-.046945	.0811207	75.02705	.9845683
#2	.8604008	.1056577	2.872244	-.050142	.0800228	75.28422	.9843332
#3	.8599975	.1028165	2.890969	-.047048	.0850263	75.49791	.9839825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058030	.0118213	25.78027	.0215675	.0587325	1.096574	317.6967
Stddev	.0000963	.0001851	.05491	.0006007	.0005074	.001954	.7903
%RSD	1.659363	1.565791	.2129822	2.785407	.8638879	.1782007	.2487563

#1	.0058978	.0116189	25.83949	.0211966	.0585048	1.096513	318.5602
#2	.0057053	.0118629	25.77028	.0212454	.0583790	1.094651	317.5207
#3	.0058060	.0119820	25.73104	.0222606	.0593139	1.098558	317.0093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.934367	29.96403	.0502378	.4152698	.0828563	.3120171	1.635076
Stddev	.019681	.07539	.0006983	.0004162	.3223398	.0007665	.011651
%RSD	.3316466	.2516056	1.389945	.1002181	389.0348	.2456539	.7125687

#1	5.953564	29.92537	.0508352	.4156029	.3073557	.3120450	1.621645
#2	5.935303	30.05091	.0494701	.4154033	-.286498	.3112371	1.642468
#3	5.914235	29.91581	.0504082	.4148033	.227712	.3127693	1.641115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.11156	7.381856	-.173348	.0357160	34.97555	1.628981	.0200174
Stddev	.13766	.002438	.005596	.0005818	.12539	.020080	.0009005
%RSD	.3709301	.0330328	3.227928	1.628926	.3585166	1.232651	4.498364

#1	36.95607	7.380073	-.173592	.0363201	34.99774	1.622850	.0191397
#2	37.16075	7.380859	-.167634	.0356686	34.84054	1.612682	.0209390
#3	37.21787	7.384634	-.178817	.0351594	35.08837	1.651412	.0199735

Sample Name: K3208-20 Acquired: 06/17/2019 15:52:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.325270	.0750154	.4360584
Stddev	.022809	.0007631	.0003390
%RSD	.3606072	1.017324	.0777414

#1	6.302057	.0758637	.4356670
#2	6.326100	.0743846	.4362571
#3	6.347653	.0747979	.4362511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.344	2140.834	33410.43	8184.780	3019.294
Stddev	4.201	2.426	170.17	12.744	6.790
%RSD	.2880842	.1133207	.5093325	.1557014	.2248969

#1	1454.348	2143.072	33325.55	8171.461	3022.360
#2	1457.959	2141.175	33299.40	8196.858	3024.010
#3	1462.724	2138.256	33606.35	8186.021	3011.511

Sample Name: K3208-22 Acquired: 06/17/2019 16:00:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AZ0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8451627	.2075610	2.641993	.0422115	.1160179	78.60598	4.948284
Stddev	.0053810	.0017859	.012053	.0034290	.0014739	.31727	.012180
%RSD	.6366865	.8604331	.4562065	8.123309	1.270415	.4036242	.2461378

#1	.8390001	.2061769	2.628852	.0388820	.1154476	78.48088	4.934225
#2	.8475570	.2095770	2.644592	.0457319	.1176917	78.37034	4.955628
#3	.8489311	.2069293	2.652534	.0420206	.1149143	78.96674	4.954998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991128	.1157602	25.07717	.4158996	1.113299	1.431028	296.2528
Stddev	.0001775	.0004432	.07952	.0006765	.003180	.008714	1.4494
%RSD	.1791056	.3828365	.3171196	.1626648	.2856781	.6088995	.4892434

#1	.0992817	.1152530	24.99271	.4151263	1.110689	1.427177	295.5991
#2	.0989278	.1159545	25.08817	.4161902	1.112368	1.424904	297.9139
#3	.0991289	.1160729	25.15061	.4163822	1.116842	1.441004	295.2454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.399545	27.93849	1.108935	.4279879	.3345263	1.234610	2.165452
Stddev	.007566	.11596	.003314	.0011582	.2777045	.010777	.021545
%RSD	.1022428	.4150717	.2988326	.2706228	83.01424	.8728889	.9949381

#1	7.406002	27.80697	1.107905	.4279637	.2811231	1.226123	2.158157
#2	7.401412	28.02604	1.106257	.4268419	.0874016	1.246735	2.148502
#3	7.391220	27.98246	1.112641	.4291579	.6350542	1.230972	2.189698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.19450	7.043776	-.136561	.0285045	31.15005	1.667386	.0153925
Stddev	.05925	.008348	.003658	.0005187	.04899	.003437	.0020696
%RSD	.1732874	.1185185	2.678644	1.819737	.1572842	.2061515	13.44528

#1	34.26211	7.037302	-.140675	.0290158	31.19857	1.671057	.0138448
#2	34.15159	7.040827	-.135334	.0285190	31.15097	1.664243	.0145895
#3	34.16980	7.053198	-.133674	.0279787	31.10060	1.666858	.0177433

Sample Name: K3208-22 Acquired: 06/17/2019 16:00:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.535141	.0671654	.4838822
Stddev	.035712	.0006226	.0004243
%RSD	.6451847	.9269562	.0876959

#1	5.510119	.0670381	.4840620
#2	5.519266	.0678418	.4833975
#3	5.576038	.0666163	.4841869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.190	2105.367	32943.17	8089.049	2978.051
Stddev	8.663	2.878	169.89	50.519	6.624
%RSD	.6073910	.1366858	.5157117	.6245326	.2224379

#1	1433.488	2106.225	33095.79	8119.956	2982.120
#2	1428.464	2107.719	32973.61	8030.750	2981.625
#3	1416.617	2102.158	32760.12	8116.440	2970.407

Sample Name: K3208-20LX5 Acquired: 06/17/2019 16:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970490	.0247920	.5790388	-.011351	.0152135	16.42554	.2153893
Stddev	.0040408	.0020051	.0023910	.001990	.0010822	.03569	.0011336
%RSD	2.050675	8.087579	.4129247	17.53432	7.113245	.2173135	.5262839

#1	.1932883	.0253494	.5790071	-.009752	.0144473	16.38440	.2151359
#2	.1965376	.0264594	.5766638	-.013580	.0147417	16.44832	.2166281
#3	.2013213	.0225672	.5814455	-.010720	.0164514	16.44390	.2144039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013689	.0019921	5.691574	.0053795	.0121318	.2509562	71.36114
Stddev	.0000211	.0002062	.031498	.0003029	.0001695	.0005593	.43546
%RSD	1.543900	10.35249	.5534217	5.630732	1.397435	.2228662	.6102133

#1	.0013652	.0019303	5.674759	.0055500	.0121725	.2515992	70.93821
#2	.0013498	.0022221	5.727911	.0055587	.0122772	.2505817	71.80812
#3	.0013916	.0018238	5.672051	.0050297	.0119456	.2506878	71.33707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318202	6.689270	.0113447	.0902156	-.083928	.0688984	.3559885
Stddev	.007301	.035718	.0001908	.0006222	.250237	.0022924	.0043983
%RSD	.5538384	.5339601	1.681763	.6896539	298.1556	3.327249	1.235505

#1	1.315736	6.666729	.0112590	.0905301	.159320	.0668677	.3509159
#2	1.326417	6.730452	.0115634	.0906177	-.070493	.0684432	.3583091
#3	1.312454	6.670628	.0112119	.0894989	-.340612	.0713842	.3587405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.683951	1.482100	-.039109	.0079178	7.061024	.3653080	.0038218
Stddev	.067511	.003475	.002502	.0001722	.009707	.0043979	.0003839
%RSD	.8785917	.2344368	6.397113	2.174869	.1374682	1.203883	10.04410

#1	7.730873	1.484132	-.036331	.0080643	7.072231	.3622368	.0036161
#2	7.606579	1.478088	-.041184	.0079609	7.055550	.3703460	.0042647
#3	7.714402	1.484079	-.039812	.0077281	7.055290	.3633411	.0035847

Sample Name: K3208-20LX5 Acquired: 06/17/2019 16:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.392806	.0128906	.0956113
Stddev	.003208	.0014980	.0001368
%RSD	.2303225	11.62085	.1430353

#1	1.389353	.0144665	.0955606
#2	1.395694	.0127203	.0957662
#3	1.393372	.0114851	.0955072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.759	2005.883	30916.56	7535.309	3154.325
Stddev	1.746	2.537	150.27	33.205	4.535
%RSD	.1289621	.1264853	.4860590	.4406531	.1437720

#1	1355.687	2003.000	30772.16	7564.757	3149.460
#2	1352.284	2007.775	31072.09	7499.321	3158.435
#3	1353.306	2006.874	30905.42	7541.848	3155.079

Sample Name: K3217-20 Acquired: 06/17/2019 16:08:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4085012	.0103281	.7041018	-.020573	.0026434	53.05125	1.135717
Stddev	.0036776	.0007204	.0006748	.002454	.0010864	.09202	.002944
%RSD	.9002628	6.974790	.0958414	11.92857	41.09973	.1734535	.2592171

#1	.4119459	.0110238	.7033308	-.017778	.0030514	52.95638	1.135202
#2	.4046282	.0095854	.7043890	-.022374	.0034667	53.05724	1.133064
#3	.4089295	.0103750	.7045854	-.021567	.0014120	53.14013	1.138884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098733	.0201580	21.51135	.0071528	.0576315	1.918810	74.09203
Stddev	.0000800	.0001375	.03472	.0005445	.0004427	.004223	.20987
%RSD	.8100113	.6822500	.1613974	7.612688	.7681801	.2200633	.2832545

#1	.0098812	.0200628	21.48687	.0074391	.0575732	1.916319	73.93667
#2	.0099490	.0203157	21.49610	.0074945	.0572208	1.923686	74.00864
#3	.0097896	.0200955	21.55109	.0065249	.0581004	1.916426	74.33078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.44788	22.81293	.0381045	.0136270	-.102947	.1705496	1.362352
Stddev	.06822	.05992	.0005171	.0003176	.165229	.0018058	.010216
%RSD	.2680948	.2626632	1.356967	2.330834	160.4999	1.058833	.7499156

#1	25.40968	22.74565	.0376283	.0132997	-.237435	.1696206	1.355657
#2	25.40731	22.83260	.0380308	.0136472	-.152900	.1693974	1.374112
#3	25.52665	22.86054	.0386545	.0139340	.081495	.1726308	1.357288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.54600	3.309276	-.045884	.0205515	.7150178	1.453778	.0118522
Stddev	.04240	.015463	.001339	.0001319	.0065781	.008102	.0023398
%RSD	.2416599	.4672579	2.917799	.6417491	.9199908	.5573016	19.74122

#1	17.53566	3.301976	-.045881	.0206081	.7090573	1.445850	.0105390
#2	17.59261	3.298814	-.047224	.0206456	.7139207	1.462043	.0104640
#3	17.50972	3.327037	-.044547	.0204007	.7220755	1.453442	.0145536

Sample Name: K3217-20 Acquired: 06/17/2019 16:08:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.707468	.0468485	.1974127
Stddev	.002768	.0005489	.0002555
%RSD	.1621186	1.171740	.1294122

#1	1.704657	.0462148	.1971482
#2	1.707557	.0471503	.1976581
#3	1.710191	.0471803	.1974316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.395	2616.021	41086.93	9946.968	3067.192
Stddev	6.733	5.113	68.20	28.404	4.762
%RSD	.3781602	.1954551	.1659897	.2855590	.1552534

#1	1787.900	2619.515	41164.88	9925.434	3070.467
#2	1778.401	2618.397	41038.23	9979.160	3069.380
#3	1774.885	2610.153	41057.69	9936.310	3061.729

Sample Name: K3217-21 Acquired: 06/17/2019 16:12:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BR0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4093685	.0087930	.7182444	-.021388	.0034721	54.05294	1.110171
Stddev	.0026266	.0000654	.0051766	.002834	.0010723	.24284	.003054
%RSD	.6416109	.7438881	.7207311	13.24895	30.88170	.4492634	.2750641

#1	.4063603	.0088442	.7127893	-.022274	.0022842	53.80388	1.106678
#2	.4105380	.0087193	.7188556	-.018218	.0037640	54.28904	1.112336
#3	.4112072	.0088155	.7230882	-.023673	.0043683	54.06588	1.111498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099758	.0204180	21.72046	.0075735	.0568432	1.932373	74.68977
Stddev	.0002079	.0001962	.02574	.0001162	.0003442	.002315	.52854
%RSD	2.083968	.9610586	.1185223	1.533757	.6055802	.1198189	.7076421

#1	.0101327	.0202210	21.70163	.0075298	.0567726	1.930766	74.96635
#2	.0097400	.0204196	21.70996	.0077052	.0572172	1.931327	74.08034
#3	.0100547	.0206134	21.74979	.0074855	.0565397	1.935027	75.02263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.47340	22.80885	.0386243	.0120972	-.276024	.1689687	1.391008
Stddev	.04693	.17199	.0005318	.0000885	.183276	.0013226	.024698
%RSD	.1999455	.7540474	1.376956	.7320235	66.39841	.7827738	1.775516

#1	23.45414	22.87709	.0390610	.0121471	-.356674	.1704579	1.368241
#2	23.43915	22.61321	.0387799	.0119950	-.066254	.1685174	1.417265
#3	23.52690	22.93625	.0380320	.0121496	-.405144	.1679307	1.387519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.42999	3.375665	-.045021	.0203376	.7206227	1.417648	.0118744
Stddev	.10264	.012433	.002347	.0002242	.0080180	.030475	.0004251
%RSD	.5888554	.3683004	5.212506	1.102599	1.112646	2.149688	3.580049

#1	17.34267	3.367667	-.046160	.0204003	.7129409	1.436320	.0118709
#2	17.40426	3.369338	-.042322	.0205238	.7289391	1.382481	.0114510
#3	17.54305	3.389988	-.046581	.0200887	.7199879	1.434142	.0123012

Sample Name: K3217-21 Acquired: 06/17/2019 16:12:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BR0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.676514	.0472061	.1921729
Stddev	.011127	.0010281	.0001546
%RSD	.6637029	2.177886	.0804710

#1	1.664030	.0472658	.1919948
#2	1.685388	.0482031	.1922722
#3	1.680123	.0461495	.1922519

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.787	2648.182	41179.19	10063.15	3085.410
Stddev	11.316	1.694	328.21	104.23	1.130
%RSD	.6329629	.0639588	.7970186	1.035716	.0366277

#1	1799.800	2646.466	41481.47	9966.33	3086.017
#2	1786.231	2648.229	40830.09	10173.47	3086.107
#3	1777.329	2649.852	41226.01	10049.64	3084.106

Sample Name: K3217-20LX5 Acquired: 06/17/2019 16:20:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BR0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109396	.0012411	.1411872	-.004005	-.001768	13.61602	.2869431
Stddev	.0003767	.0015353	.0028029	.000735	.000952	.02815	.0002262
%RSD	.3395665	123.7029	1.985212	18.35543	53.83824	.2067065	.0788426

#1	.1107825	-.000188	.1379664	-.004633	-.001537	13.63423	.2866833
#2	.1106669	.001047	.1430734	-.003196	-.002813	13.63023	.2870968
#3	.1113695	.002864	.1425217	-.004185	-.000952	13.58360	.2870491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026877	.0039396	5.595962	.0017958	.0117243	.4998571	19.46741
Stddev	.0000167	.0001317	.012624	.0003637	.0001807	.0035042	.03111
%RSD	.6205535	3.343047	.2255921	20.25056	1.541218	.7010438	.1598192

#1	.0026689	.0039265	5.583752	.0018507	.0115907	.4960576	19.43312
#2	.0026935	.0040773	5.595170	.0014078	.0116522	.5005517	19.49384
#3	.0027008	.0038149	5.608963	.0021289	.0119299	.5029620	19.47526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.367559	5.939699	.0080432	.0035256	-.126365	.0464352	.3517835
Stddev	.005163	.019642	.0002673	.0003333	.370269	.0020207	.0023178
%RSD	.0810847	.3306876	3.322698	9.452716	293.0146	4.351646	.6588802

#1	6.370314	5.953288	.0083450	.0039102	-.427123	.0486281	.3540080
#2	6.370760	5.917179	.0078366	.0033442	-.239154	.0446484	.3493825
#3	6.361603	5.948631	.0079480	.0033223	.287182	.0460290	.3519602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.140999	.6771545	-.017306	.0054930	.1380170	.3766891	.0013133
Stddev	.092619	.0052573	.000687	.0002299	.0034154	.0028420	.0001302
%RSD	2.236644	.7763757	3.970026	4.184842	2.474636	.7544714	9.914224

#1	4.247945	.6771983	-.017661	.0053949	.1410900	.3794696	.0012346
#2	4.086907	.6718755	-.017743	.0057557	.1386211	.3768083	.0014636
#3	4.088146	.6823897	-.016514	.0053285	.1343398	.3737893	.0012417

Sample Name: K3217-20LX5 Acquired: 06/17/2019 16:20:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BR0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4337274	.0074870	.0502225
Stddev	.0030731	.0012232	.0000833
%RSD	.7085391	16.33823	.1658421

#1	.4348011	.0086214	.0503069
#2	.4361195	.0076486	.0502202
#3	.4302614	.0061910	.0501404

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.192	2099.242	32178.85	7784.853	3153.192
Stddev	7.007	3.882	100.12	20.419	7.156
%RSD	.4976070	.1849422	.3111261	.2622916	.2269474

#1	1402.914	2095.328	32151.97	7768.740	3151.227
#2	1416.142	2099.307	32289.67	7778.003	3147.224
#3	1405.521	2103.092	32094.93	7807.817	3161.125

Sample Name: K3217-22 Acquired: 06/17/2019 16:16:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BR0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4920992	.1241545	.7778803	.0458145	.0513646	65.41949	4.603070
Stddev	.0044215	.0035389	.0019943	.0024856	.0009160	.16658	.005976
%RSD	.8985059	2.850362	.2563793	5.425463	1.783428	.2546265	.1298171

#1	.4879773	.1206705	.7786213	.0429978	.0522763	65.23635	4.596172
#2	.4915511	.1240474	.7756215	.0467452	.0504443	65.46016	4.606663
#3	.4967693	.1277457	.7793981	.0477005	.0513734	65.56197	4.606375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886482	.1287039	23.37271	.3368217	1.125376	2.419749	87.53698
Stddev	.0003238	.0001956	.03830	.0012458	.000885	.002333	.35141
%RSD	.3652760	.1519449	.1638653	.3698748	.0786156	.0963990	.4014370

#1	.0886925	.1287017	23.33169	.3376631	1.124618	2.417656	87.18127
#2	.0889477	.1285095	23.40753	.3374115	1.125162	2.422264	87.54576
#3	.0883046	.1289006	23.37890	.3353905	1.126348	2.419326	87.88392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.28067	26.57821	1.116429	.0912790	.0080545	.9860686	2.312753
Stddev	.05693	.09769	.001545	.0002263	.2673429	.0046871	.028523
%RSD	.2344519	.3675582	.1383803	.2479212	3319.158	.4753316	1.233301

#1	24.21677	26.46967	1.115549	.0911500	-.300183	.9806723	2.283824
#2	24.32597	26.60586	1.118213	.0915403	.147532	.9891263	2.313583
#3	24.29927	26.65910	1.115525	.0911467	.176814	.9884070	2.340852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.32083	3.506035	-.044693	.0242594	.7416716	1.562770	.0148402
Stddev	.05990	.010170	.002679	.0001494	.0058697	.003269	.0011519
%RSD	.2947695	.2900573	5.993792	.6156874	.7914192	.2091916	7.761666

#1	20.29913	3.516241	-.047687	.0242358	.7349350	1.566508	.0161670
#2	20.38855	3.505961	-.043871	.0241233	.7456861	1.560446	.0142568
#3	20.27481	3.495902	-.042522	.0244192	.7443937	1.561356	.0140968

Sample Name: K3217-22 Acquired: 06/17/2019 16:16:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BR0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.293877	.0562026	.1987447
Stddev	.007061	.0009400	.0001207
%RSD	.3078243	1.672575	.0607130

#1	2.286354	.0567669	.1987447
#2	2.294915	.0567234	.1988653
#3	2.300361	.0551174	.1986240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.334	2554.476	39554.14	9780.141	2973.446
Stddev	17.798	5.229	146.85	13.686	5.497
%RSD	1.041226	.2047059	.3712601	.1399396	.1848593

#1	1726.347	2552.004	39723.05	9778.534	2970.264
#2	1710.811	2550.940	39456.85	9767.329	2970.280
#3	1690.843	2560.482	39482.51	9794.560	2979.793

Sample Name: K3208-02 Acquired: 06/17/2019 16:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6635007	.0223538	1.042607	-.028870	.1816695	38.48009	.3738528
Stddev	.0060123	.0013067	.002010	.002378	.0023531	.09947	.0005115
%RSD	.9061548	5.845432	.1927498	8.235896	1.295243	.2584939	.1368189

#1	.6585240	.0238116	1.040295	-.029509	.1823500	38.36760	.3734735
#2	.6617972	.0212879	1.043931	-.026238	.1790512	38.51625	.3736503
#3	.6701810	.0219619	1.043597	-.030862	.1836073	38.55642	.3744345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094075	.0111870	22.43045	.0163195	.0303815	1.740278	192.5809
Stddev	.0001096	.0001770	.04014	.0002765	.0002728	.004618	.6901
%RSD	1.165321	1.581815	.1789457	1.693986	.8977970	.2653829	.3583291

#1	.0093092	.0113908	22.41931	.0164865	.0300907	1.740028	192.3837
#2	.0095257	.0110989	22.39705	.0160004	.0306317	1.735790	192.0108
#3	.0093875	.0110715	22.47498	.0164716	.0304221	1.745017	193.3480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.675941	15.44417	.0316591	.0075199	-.627946	.2761619	.6824011
Stddev	.006545	.02568	.0006688	.0002437	.295116	.0010851	.0071954
%RSD	.3905248	.1663020	2.112368	3.240830	46.99699	.3929091	1.054423

#1	1.674585	15.45918	.0321292	.0076699	-.370838	.2773738	.6754730
#2	1.670180	15.41451	.0308935	.0072387	-.950188	.2758313	.6818935
#3	1.683058	15.45880	.0319546	.0076512	-.562813	.2752805	.6898369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.70411	4.491653	-.088197	.0368515	.3034346	1.318293	.0101072
Stddev	.05855	.010494	.004562	.0007404	.0017564	.019565	.0003431
%RSD	.3307329	.2336247	5.172779	2.009043	.5788554	1.484121	3.395022

#1	17.72825	4.499839	-.083828	.0362516	.3045696	1.300896	.0100220
#2	17.63735	4.495296	-.092930	.0366238	.3043228	1.339474	.0104849
#3	17.74674	4.479823	-.087833	.0376789	.3014114	1.314509	.0098146

Sample Name: K3208-02 Acquired: 06/17/2019 16:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.688076	.0211854	.2658237
Stddev	.015507	.0019176	.0005512
%RSD	.9186348	9.051522	.2073351

#1	1.676168	.0233808	.2660860
#2	1.682447	.0198380	.2651904
#3	1.705611	.0203374	.2661947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.861	2160.817	33613.77	8228.138	3083.974
Stddev	7.218	1.827	342.52	19.702	5.546
%RSD	.4934306	.0845338	1.018981	.2394472	.1798379

#1	1469.522	2161.473	33435.11	8205.407	3081.819
#2	1463.869	2162.224	34008.68	8240.305	3090.275
#3	1455.192	2158.753	33397.52	8238.703	3079.829

Sample Name: K3208-01 Acquired: 06/17/2019 16:24:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005409	.0147992	.3218893	-.024192	.0374992	49.65870	.5129557
Stddev	.005799	.0006003	.0019594	.001124	.0011601	.02331	.0034805
%RSD	.2891437	4.056075	.6087111	4.647271	3.093595	.0469436	.6785247

#1	2.012084	.0141061	.3222147	-.025476	.0364866	49.65208	.5155155
#2	2.001615	.0151437	.3236657	-.023381	.0387649	49.63941	.5089926
#3	2.002528	.0151479	.3197876	-.023720	.0372460	49.68460	.5143591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074906	.0052967	28.36249	.0092312	.0458141	.8989841	169.4779
Stddev	.0000709	.0001187	.02390	.0000850	.0002337	.0038739	.6761
%RSD	.9464645	2.241076	.0842638	.9204088	.5101972	.4309168	.3989264

#1	.0074264	.0054065	28.37757	.0093291	.0460808	.9010524	169.0314
#2	.0074789	.0051708	28.33493	.0091773	.0456444	.9013847	169.1466
#3	.0075667	.0053127	28.37496	.0091871	.0457173	.8945150	170.2558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.154099	22.97126	.0340758	.0048341	-.050981	.2097054	.3055687
Stddev	.006466	.14260	.0004620	.0005098	.127345	.0020161	.0064632
%RSD	.5602976	.6207797	1.355725	10.54582	249.7891	.9613886	2.115129

#1	1.150530	22.86944	.0341933	.0051279	-.006560	.2115399	.3098968
#2	1.150203	22.91011	.0335665	.0051290	.048204	.2100294	.2981393
#3	1.161563	23.13424	.0344677	.0042454	-.194588	.2075470	.3086699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.16263	8.032795	-.088844	.0261476	12.35496	1.236614	.0082280
Stddev	.06596	.022704	.003618	.0000972	.05946	.002297	.0006006
%RSD	.2521038	.2826472	4.071953	.3715423	.4812550	.1857176	7.298842

#1	26.08777	8.056513	-.085207	.0260501	12.40684	1.238308	.0086523
#2	26.21220	8.011261	-.092442	.0261484	12.29008	1.234000	.0075409
#3	26.18792	8.030613	-.088883	.0262444	12.36797	1.237535	.0084908

Sample Name: K3208-01 Acquired: 06/17/2019 16:24:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.523618	.0470254	.1971734
Stddev	.004964	.0021678	.0004520
%RSD	.1408889	4.609794	.2292156

#1	3.526092	.0472018	.1967817
#2	3.517903	.0447748	.1970707
#3	3.526860	.0490996	.1976679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.990	2157.154	33655.88	8202.583	3053.005
Stddev	13.151	5.135	366.87	24.912	4.650
%RSD	.8946226	.2380324	1.090049	.3037098	.1522968

#1	1455.464	2152.617	33240.84	8225.797	3047.650
#2	1481.086	2156.115	33936.86	8205.687	3056.019
#3	1473.419	2162.728	33789.95	8176.264	3055.346

Sample Name: K3208-04 Acquired: 06/17/2019 16:36:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.563085	.0438976	14.66202	-.070230	3.053729	6.800409
Stddev	.005253	.0065616	.01987	.003225	.003621	.036640
%RSD	.2049288	14.94761	.1355027	4.591573	.1185639	.5387950

#1	2.569141	.0464622	14.67194	-.066648	3.051791	6.781907
#2	2.559769	.0487897	14.67497	-.071140	3.051489	6.776710
#3	2.560344	.0364410	14.63914	-.072902	3.057906	6.842611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2365507	-.001030	.0619630	10.78822	-.069017	.0981249
Stddev	.0003870	.000099	.0002503	.05666	.000744	.0008803
%RSD	.1635852	9.595318	.4039686	.5252394	1.078418	.8970788

#1	.2367332	-.001066	.0618380	10.72307	-.068900	.0971996
#2	.2368127	-.001105	.0617998	10.82599	-.068339	.0982233
#3	.2361062	-.000918	.0622511	10.81561	-.069813	.0989518

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.481406	267.8971	F 319.2797	1.690847	.0444516	2.493804
Stddev	.031230	1.6934	3.8566	.030898	.0011339	.001781
%RSD	.3682165	.6320972	1.207912	1.827359	2.550834	.0714280

#1	8.446318	269.6583	318.7847	1.717075	.0431622	2.494460
#2	8.491744	267.7519	315.6945	1.656787	.0448999	2.491788
#3	8.506156	266.2809	323.3600	1.698679	.0452929	2.495164

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.540600	.0779976	6.063568	13.53939	4.260683	-.142123
Stddev	.353554	.0095687	.042442	.09018	.004208	.009551
%RSD	65.40037	12.26791	.6999489	.6660485	.0987686	6.719977

#1	-.136061	.0883405	6.028935	13.52857	4.256026	-.136641
#2	-.790430	.0694604	6.050856	13.45511	4.264213	-.136577
#3	-.695309	.0761919	6.110913	13.63449	4.261811	-.153151

Sample Name: K3208-04 Acquired: 06/17/2019 16:36:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.412180	7.094952	1.162662	.0012144	.0240408	.0069917
Stddev	.003820	.013808	.005241	.0010822	.0004211	.0006230
%RSD	.2705054	.1946142	.4507534	89.11405	1.751735	8.910586
#1	1.408932	7.079243	1.161475	.0005288	.0236354	.0071441
#2	1.411220	7.105169	1.158117	.0024620	.0244761	.0063067
#3	1.416389	7.100444	1.168395	.0006524	.0240108	.0075244

Elem	Sr4077
Units	ppm
Avg	2.421018
Stddev	.006362
%RSD	.2627754
#1	2.414377
#2	2.421617
#3	2.427059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.178	2215.067	34007.44	8311.207	3023.234
Stddev	5.300	.929	69.64	32.263	3.190
%RSD	.3519045	.0419421	.2047756	.3881831	.1055005
#1	1503.020	2215.140	34082.65	8333.440	3020.805
#2	1512.297	2214.104	33994.48	8325.978	3022.052
#3	1503.218	2215.957	33945.20	8274.203	3026.846

Sample Name: K3208-03 Acquired: 06/17/2019 16:32:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.876086	.0183952	4.058560	-.052224	.1966931	36.18182	.2104734
Stddev	.002324	.0013059	.007305	.002894	.0012914	.08935	.0010035
%RSD	.1238983	7.099274	.1799815	5.542414	.6565506	.2469532	.4768029

#1	1.873483	.0183234	4.050375	-.055388	.1954025	36.25262	.2096695
#2	1.876819	.0197356	4.060885	-.049710	.1979853	36.21141	.2101526
#3	1.877955	.0171267	4.064419	-.051574	.1966915	36.08142	.2115981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072405	.0138447	11.34504	-.029777	.0620715	5.224312	321.8661
Stddev	.0000164	.0000625	.04317	.000239	.0003761	.006053	2.9248
%RSD	.2266781	.4516197	.3805247	.8010839	.6059284	.1158545	.9087081

#1	.0072220	.0137914	11.29787	-.029603	.0623833	5.228340	319.4264
#2	.0072461	.0139135	11.35463	-.029679	.0621775	5.227245	321.0634
#3	.0072534	.0138291	11.38260	-.030049	.0616538	5.217352	325.1085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.00593	1.830520	.0457777	.3567952	-.508369	.0703854	1.441731
Stddev	.10459	.041777	.0007599	.0027092	.272928	.0023191	.015980
%RSD	.5503247	2.282251	1.659952	.7593194	53.68693	3.294924	1.108373

#1	18.94060	1.782285	.0449416	.3572454	-.196725	.0723683	1.450473
#2	18.95063	1.855238	.0459650	.3538890	-.623593	.0678353	1.423288
#3	19.12657	1.854036	.0464264	.3592510	-.704788	.0709526	1.451433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.84378	7.078315	-.156097	.1294065	19.40320	1.067140	.0040151
Stddev	.02902	.016873	.008811	.0003885	.07020	.007951	.0009484
%RSD	.2096373	.2383825	5.644797	.3002067	.3618001	.7450658	23.62043

#1	13.86480	7.066469	-.162987	.1289584	19.32625	1.057959	.0030534
#2	13.85588	7.070842	-.159137	.1296484	19.41960	1.071723	.0049496
#3	13.81067	7.097635	-.146169	.1296127	19.46375	1.071738	.0040424

Sample Name: K3208-03 Acquired: 06/17/2019 16:32:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1668850	.0064687	.5372757
Stddev	.0020806	.0022818	.0004428
%RSD	1.246742	35.27470	.0824068

#1	.1669796	.0065099	.5374956
#2	.1689167	.0041665	.5375654
#3	.1647587	.0087296	.5367660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.680	2205.510	34251.42	8361.040	3068.711
Stddev	13.274	1.672	210.72	24.720	1.962
%RSD	.8892450	.0758265	.6152039	.2956533	.0639217

#1	1492.612	2205.608	34203.92	8382.711	3070.863
#2	1505.988	2203.791	34481.84	8334.116	3068.247
#3	1479.441	2207.131	34068.51	8366.294	3067.023

Sample Name: K3208-06 Acquired: 06/17/2019 16:44:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.029943	.0553070	1.693311	-.035010	.0465574	14.31994	.7232269
Stddev	.006346	.0010989	.001367	.002883	.0001377	.09797	.0025009
%RSD	.3126344	1.986988	.0807077	8.234390	.2958664	.6841540	.3457906

#1	2.036137	.0565189	1.694363	-.032231	.0463984	14.27688	.7240056
#2	2.023455	.0543753	1.691766	-.037987	.0466330	14.25086	.7204293
#3	2.030239	.0550269	1.693803	-.034813	.0466407	14.43206	.7252457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034149	.0105027	10.16396	-.014631	.0227869	.7049070	244.5941
Stddev	.0001048	.0001171	.04418	.000134	.0003264	.0034496	.4464
%RSD	3.068464	1.115090	.4347137	.9154153	1.432274	.4893687	.1825225

#1	.0034243	.0105994	10.17157	-.014737	.0224109	.7023958	244.0897
#2	.0035147	.0103725	10.11646	-.014481	.0229525	.7034848	244.9386
#3	.0033058	.0105362	10.20384	-.014677	.0229972	.7088403	244.7539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.860541	2.574757	.0085593	.1226783	.8872598	.0715483	.4407384
Stddev	.004281	.016156	.0001813	.0010164	.2626868	.0021091	.0038837
%RSD	.2300806	.6274704	2.118630	.8285286	29.60653	2.947747	.8811885

#1	1.859134	2.589048	.0087114	.1238433	.7441593	.0694980	.4411810
#2	1.857140	2.557227	.0083586	.1219728	.7271938	.0714355	.4366523
#3	1.865348	2.577995	.0086079	.1222187	1.190426	.0737116	.4443819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.48831	6.210562	-.115251	.1436261	57.98363	1.291156	.0054362
Stddev	.31653	.021037	.002021	.0003226	.08043	.017140	.0006884
%RSD	.7629419	.3387218	1.753710	.2246150	.1387058	1.327510	12.66397

#1	41.56240	6.209730	-.113923	.1439903	57.92900	1.305194	.0054889
#2	41.14131	6.232002	-.114252	.1435117	58.07598	1.272055	.0060967
#3	41.76123	6.189954	-.117577	.1433763	57.94591	1.296220	.0047229

Sample Name: K3208-06 Acquired: 06/17/2019 16:44:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1508968	.0102440	.8710580
Stddev	.0009723	.0013133	.0033021
%RSD	.6443220	12.82035	.3790965

#1	.1520046	.0109557	.8703996
#2	.1501853	.0110478	.8681346
#3	.1505004	.0087284	.8746397

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.317	1994.945	30937.06	7601.586	3107.362
Stddev	21.078	1.641	294.56	45.942	7.481
%RSD	1.572583	.0822754	.9521265	.6043738	.2407427

#1	1327.357	1993.796	30731.20	7577.435	3108.365
#2	1364.637	1996.825	31274.47	7654.566	3099.430
#3	1328.955	1994.214	30805.51	7572.756	3114.291

Sample Name: K3208-05 Acquired: 06/17/2019 16:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751900	.0168439	2.533624	-.040664	.1174548	14.02990
Stddev	.006470	.0008962	.003372	.001328	.0009774	.05502
%RSD	.3693385	5.320497	.1330891	3.264981	.8321841	.3921959

#1	1.756497	.0166558	2.529824	-.039324	.1170628	14.02367
#2	1.744501	.0178192	2.536260	-.041979	.1185673	13.97825
#3	1.754703	.0160567	2.534787	-.040689	.1167341	14.08777

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3245913	.0010074	.0228661	9.097006	-.035908	.0844972
Stddev	.0005880	.0000355	.0000829	.035197	.000362	.0004937
%RSD	.1811494	3.526681	.3627560	.3869064	1.007669	.5843107

#1	.3251667	.0010233	.0227732	9.091611	-.036250	.0839459
#2	.3239914	.0010322	.0228924	9.064818	-.035945	.0846470
#3	.3246159	.0009667	.0229328	9.134589	-.035529	.0848987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.287865	219.5124	F 111.9679	2.285180	.0353320	.3328282
Stddev	.002451	.4033	.5203	.041120	.0007678	.0013072
%RSD	.1903071	.1837321	.4646455	1.799436	2.173181	.3927405

#1	1.287687	219.2827	112.5617	2.256268	.0346906	.3317906
#2	1.285509	219.9781	111.7497	2.332255	.0351225	.3323976
#3	1.290401	219.2764	111.5923	2.267018	.0361828	.3342963

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.468781	.1637732	2.348714	10.94547	3.829503	-.111173
Stddev	.368920	.0020649	.024988	.09185	.009620	.007963
%RSD	78.69759	1.260818	1.063914	.8391565	.2512127	7.162995

#1	-.069069	.1642437	2.321940	11.00221	3.829774	-.118306
#2	-.541066	.1655622	2.371417	10.83950	3.819750	-.102581
#3	-.796208	.1615137	2.352784	10.99470	3.838985	-.112632

Sample Name: K3208-05 Acquired: 06/17/2019 16:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BD9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889512	7.367888	.9732059	.0033150	.1427210	.0187513
Stddev	.0012247	.024161	.0092702	.0002849	.0008633	.0019852
%RSD	.4238290	.3279196	.9525424	8.594056	.6048703	10.58703
#1	.2898935	7.363753	.9801256	.0029906	.1437135	.0194857
#2	.2875669	7.346061	.9626732	.0034303	.1423049	.0165035
#3	.2893932	7.393849	.9768188	.0035242	.1421446	.0202646

Elem	Sr4077
Units	ppm
Avg	.8148873
Stddev	.0016913
%RSD	.2075467
#1	.8151952
#2	.8130633
#3	.8164035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.178	2120.355	32859.58	8026.421	3102.619
Stddev	12.077	7.773	147.32	23.282	6.248
%RSD	.8402996	.3666075	.4483407	.2900704	.2013828
#1	1450.798	2114.491	33029.69	8016.448	3104.128
#2	1427.776	2129.173	32776.31	8053.029	3107.975
#3	1432.959	2117.402	32772.75	8009.787	3095.755

Sample Name: K3208-08 Acquired: 06/17/2019 16:52:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329605	-.002475	.0329492	-.004843	-.003011	16.63927	.1433975
Stddev	.0016556	.000689	.0018643	.001858	.001921	.10503	.0012106
%RSD	5.022877	27.82560	5.657959	38.36965	63.79596	.6312059	.8442056

#1	.0348645	-.002221	.0329335	-.006128	-.002854	16.54644	.1424685
#2	.0318601	-.001949	.0310928	-.002712	-.005005	16.61810	.1429575
#3	.0321570	-.003255	.0348212	-.005688	-.001173	16.75327	.1447665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038518	.0008266	13.72458	.0037503	.0104920	.0857583	7.413443
Stddev	.0000717	.0000215	.06492	.0003517	.0001994	.0013578	.007875
%RSD	1.862398	2.597174	.4730311	9.378737	1.900327	1.583281	.1062218

#1	.0037744	.0008018	13.67186	.0038725	.0104048	.0846328	7.411220
#2	.0038652	.0008379	13.70478	.0040247	.0107201	.0853759	7.406918
#3	.0039160	.0008400	13.79709	.0033538	.0103511	.0872664	7.422190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8725238	5.576275	.0091332	-.001946	-.242330	.0246051	.0466759
Stddev	.0032202	.051553	.0001116	.000141	.024207	.0022593	.0021027
%RSD	.3690714	.9244995	1.222391	7.252873	9.989296	9.182414	4.504883

#1	.8714603	5.570465	.0092174	-.002087	-.219355	.0258559	.0453003
#2	.8699699	5.527874	.0090066	-.001805	-.240032	.0259624	.0456310
#3	.8761413	5.630487	.0091756	-.001946	-.267605	.0219970	.0490963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8666995	.7882160	-.010556	.0027420	.2069793	1.183037	-.000583
Stddev	.0781889	.0094047	.001474	.0001956	.0047129	.007625	.000354
%RSD	9.021456	1.193157	13.95958	7.133090	2.276967	.6445096	60.75267

#1	.8238148	.7817525	-.012022	.0027356	.2117547	1.184066	-.000958
#2	.8193364	.7838902	-.009075	.0025496	.2023316	1.174950	-.000534
#3	.9569472	.7990052	-.010571	.0029407	.2068517	1.190095	-.000255

Sample Name: K3208-08 Acquired: 06/17/2019 16:52:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1287011	.0010840	.0750030
Stddev	.0010887	.0019879	.0000883
%RSD	.8459215	183.3966	.1177451

#1	.1286801	.0019837	.0749366
#2	.1298002	.0024630	.0749691
#3	.1276231	-.001195	.0751032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.827	2326.690	36066.29	8732.941	3128.177
Stddev	7.528	1.827	158.30	49.134	1.766
%RSD	.4807798	.0785096	.4389033	.5626280	.0564660

#1	1558.118	2324.848	35952.71	8732.984	3126.340
#2	1566.203	2328.501	35999.05	8782.054	3128.330
#3	1573.160	2326.721	36247.11	8683.786	3129.863

Sample Name: K3208-07 Acquired: 06/17/2019 16:48:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358920	.0036486	.2068290	-.014024	.0121088	31.51921	.5033323
Stddev	.0057982	.0020865	.0012283	.002035	.0016783	.10133	.0045701
%RSD	1.081976	57.18658	.5938926	14.50863	13.85969	.3214759	.9079715

#1	.5401729	.0056079	.2066159	-.015162	.0125006	31.44617	.4981498
#2	.5382096	.0038830	.2081499	-.011675	.0102694	31.47658	.5067851
#3	.5292934	.0014547	.2057211	-.015234	.0135565	31.63489	.5050621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057456	.0062077	12.60383	.0080943	.0341397	.5661301	75.63815
Stddev	.0000296	.0000524	.09142	.0000597	.0002190	.0013173	.34419
%RSD	.5147864	.8437860	.7253354	.7380509	.6413637	.2326781	.4550511

#1	.0057674	.0062214	12.49863	.0080783	.0340956	.5653193	75.33421
#2	.0057573	.0061498	12.66393	.0081604	.0339461	.5676500	76.01189
#3	.0057119	.0062519	12.64895	.0080441	.0343773	.5654210	75.56836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.082731	7.124413	.0257449	.0230529	-.334328	.1372158	.3130113
Stddev	.036229	.046362	.0002768	.0006344	.530046	.0007906	.0028559
%RSD	.5115186	.6507513	1.075250	2.751842	158.5406	.5761796	.9124005

#1	7.040917	7.084250	.0256513	.0223698	-.416857	.1379446	.3098446
#2	7.104756	7.113841	.0255270	.0231655	.232141	.1373277	.3137974
#3	7.102520	7.175149	.0260564	.0236234	-.818270	.1363753	.3153918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.671332	1.848069	-.043364	.0145051	.3940585	1.742885	.0029639
Stddev	.037610	.006591	.001517	.0000975	.0016167	.005390	.0014516
%RSD	.8051235	.3566566	3.498868	.6725218	.4102694	.3092671	48.97468

#1	4.701784	1.841203	-.043712	.0144078	.3928355	1.739219	.0014747
#2	4.629291	1.854346	-.041703	.0146029	.3958914	1.740361	.0030426
#3	4.682922	1.848657	-.044678	.0145045	.3934485	1.749074	.0043746

Sample Name: K3208-07 Acquired: 06/17/2019 16:48:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3101945	.0089098	.1113015
Stddev	.0004851	.0012038	.0002951
%RSD	.1563818	13.51119	.2651840

#1	.3096345	.0075242	.1110015
#2	.3104847	.0096989	.1115916
#3	.3104642	.0095064	.1113113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.161	2451.816	38278.09	9278.460	3106.556
Stddev	6.705	3.334	202.09	51.223	2.213
%RSD	.4024481	.1359929	.5279537	.5520596	.0712260

#1	1673.902	2454.106	38511.08	9337.200	3107.262
#2	1662.153	2447.990	38172.88	9255.086	3108.329
#3	1662.428	2453.350	38150.31	9243.094	3104.076

Sample Name: CCB089 Acquired: 06/17/2019 17:00:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036858	.0011460	-.000994	-.000962	-.002661	.0169884	.0000863
Stddev	.0032290	.0009087	.000227	.005243	.000516	.0005508	.0001340
%RSD	87.60703	79.29662	22.79052	544.8837	19.38665	3.242334	155.2811

#1	.0050460	.0006876	-.001115	-.006843	-.003006	.0175315	-.000056
#2	-.000001	.0005577	-.001134	.003225	-.002068	.0164302	.000104
#3	.006012	.0021926	-.000733	.000731	-.002910	.0170035	.000210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000747	-.000117	.0153612	.0003789	.0009042	.0026300	.0052738
Stddev	.0000661	.000067	.0119677	.0002450	.0001753	.0017336	.0050821
%RSD	88.48208	57.14038	77.90837	64.64677	19.38828	65.91642	96.36594

#1	.0001182	-.000115	.0169626	.0005194	.0008410	.0040113	.0093332
#2	-.000001	-.000051	.0264475	.0000961	.0011024	.0006846	.0069141
#3	.000107	-.000185	.0026735	.0005213	.0007693	.0031942	-.000426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010798	.0171140	.0009593	.0011497	-.139008	.0017861	-.000622
Stddev	.0003307	.0036997	.0000859	.0000683	.238679	.0018709	.001617
%RSD	30.62846	21.61821	8.958059	5.943888	171.7010	104.7528	260.1615

#1	.0014572	.0128778	.0008651	.0012274	-.025621	.0039456	.000481
#2	.0008405	.0197107	.0010333	.0011229	.021841	.0007585	.000133
#3	.0009417	.0187535	.0009794	.0010988	-.413245	.0006541	-.002478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.284177	-.004927	.0013434	.0000053	-.004672	.0000582	-.000838
Stddev	.014585	.002006	.0012386	.0001639	.002444	.0007712	.000401
%RSD	5.132435	40.71833	92.19553	3093.077	52.30094	1324.099	47.86230

#1	-.273818	-.002690	.0027251	.0001829	-.004103	.0008838	-.000445
#2	-.300856	-.005523	.0009725	-.000140	-.002564	-.000644	-.000823
#3	-.277856	-.006568	.0003327	-.000027	-.007350	-.000065	-.001246

Sample Name: CCB089 Acquired: 06/17/2019 17:00:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006214	-.001128	.0001957
Stddev	.0002676	.001106	.0000745
%RSD	43.06058	97.98904	38.09158

#1	.0004071	-.001502	.0002653
#2	.0009212	.000116	.0002047
#3	.0005357	-.001998	.0001171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.656	1960.745	30462.67	7343.900	3176.269
Stddev	3.340	1.535	87.13	18.435	2.439
%RSD	.2491480	.0782741	.2860144	.2510268	.0767807

#1	1338.655	1962.283	30542.01	7350.160	3177.940
#2	1344.512	1959.214	30369.43	7323.150	3177.396
#3	1338.801	1960.737	30476.59	7358.390	3173.470

Sample Name: CCV089 Acquired: 06/17/2019 16:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.248327	5.219669	25.92850	4.910480	5.201645	403.3666	10.82120
Stddev	.009066	.013677	.01982	.014632	.011469	1.1435	.02921
%RSD	.1727360	.2620329	.0764471	.2979770	.2204928	.2834965	.2699154

#1	5.258770	5.212666	25.93359	4.924518	5.211215	403.1185	10.80980
#2	5.242476	5.210911	25.90662	4.895319	5.188931	404.6139	10.79941
#3	5.243735	5.235429	25.94527	4.911603	5.204788	402.3675	10.85439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240617	2.505312	411.1008	16.00540	2.637310	16.07690	394.2406
Stddev	.0021407	.003893	1.3112	.02039	.003907	.04691	3.5617
%RSD	.4084872	.1553937	.3189364	.1273805	.1481342	.2917762	.9034433

#1	.5232481	2.507568	409.9647	16.00921	2.635089	16.04066	391.4330
#2	.5224471	2.500816	410.8023	15.98337	2.635019	16.12988	393.0418
#3	.5264900	2.507551	412.5355	16.02361	2.641820	16.06015	398.2471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.25309	398.8793	2.618777	1.340227	409.3222	2.668908	15.88372
Stddev	.06932	3.5231	.005647	.002514	2.3840	.028988	.25456
%RSD	.4264740	.8832595	.2156401	.1875884	.5824312	1.086145	1.602661

#1	16.19905	396.4665	2.616085	1.337593	408.0804	2.643579	15.92155
#2	16.22898	397.2491	2.614979	1.342601	407.8155	2.662622	16.11726
#3	16.33124	402.9223	2.625266	1.340488	412.0708	2.700524	15.61237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.5865	5.451896	5.167291	4.995882	5.000889	5.429965	5.172074
Stddev	.3507	.006450	.013566	.011350	.004435	.018010	.008073
%RSD	.2157034	.1183063	.2625398	.2271885	.0886813	.3316759	.1560826

#1	162.5992	5.448261	5.157740	5.007945	5.005843	5.424942	5.178926
#2	162.9307	5.448084	5.161314	4.985413	4.997289	5.415000	5.163175
#3	162.2296	5.459343	5.182819	4.994287	4.999536	5.449953	5.174120

Sample Name: CCV089 Acquired: 06/17/2019 16:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.185701	5.238767	5.357352
Stddev	.012037	.003416	.029148
%RSD	.2321167	.0652054	.5440680

#1	5.183750	5.234988	5.333006
#2	5.198594	5.239675	5.349400
#3	5.174759	5.241636	5.389650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.030	1574.645	26605.73	6784.220	2447.932
Stddev	9.486	2.995	81.12	7.804	3.776
%RSD	.8654630	.1902096	.3049126	.1150318	.1542439

#1	1094.785	1572.039	26535.60	6778.804	2446.333
#2	1087.228	1577.917	26587.00	6793.165	2452.244
#3	1106.077	1573.980	26694.58	6780.690	2445.219

Sample Name: K3208-10 Acquired: 06/17/2019 17:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4095272	.0100574	.9697142	-.009000	.0067425	5.433435	.1120280
Stddev	.0020734	.0004704	.0004122	.004060	.0010241	.013366	.0004705
%RSD	.5062938	4.677489	.0425061	45.10551	15.18834	.2459940	.4199361

#1	.4092894	.0105131	.9697208	-.012984	.0079091	5.448835	.1123942
#2	.4075830	.0095735	.9692988	-.004869	.0059917	5.424847	.1114974
#3	.4117093	.0100857	.9701231	-.009148	.0063266	5.426624	.1121924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009113	.0037100	4.138888	-.003780	.0068752	.2716343	44.72854
Stddev	.0000802	.0000678	.016519	.000135	.0002381	.0041433	.26401
%RSD	8.803422	1.827411	.3991052	3.576493	3.462637	1.525312	.5902481

#1	.0008248	.0037171	4.127737	-.003636	.0071324	.2763713	44.52478
#2	.0009258	.0037739	4.131062	-.003903	.0066625	.2686854	44.63405
#3	.0009833	.0036389	4.157865	-.003802	.0068307	.2698460	45.02679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981730	.9588998	.0031919	.0267772	-.225389	.0082852	.2406341
Stddev	.015796	.0355509	.0003290	.0003430	.319846	.0029956	.0031538
%RSD	.3170791	3.707466	10.30589	1.280779	141.9082	36.15555	1.310604

#1	4.971780	.9756475	.0032924	.0265317	-.589494	.0050569	.2414754
#2	4.973467	.9829835	.0034588	.0266308	-.096933	.0109749	.2432820
#3	4.999944	.9180682	.0028244	.0271690	.010258	.0088238	.2371451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.601747	.6072083	-.021992	.0355378	5.628661	.8212178	-.000307
Stddev	.064439	.0029109	.002025	.0004293	.014682	.0027958	.000567
%RSD	1.150331	.4793855	9.209255	1.207861	.2608422	.3404446	184.7831

#1	5.601364	.6103738	-.021749	.0360263	5.611768	.8213712	-.000306
#2	5.537501	.6046470	-.024127	.0352206	5.638350	.8183485	.000260
#3	5.666377	.6066040	-.020099	.0353666	5.635864	.8239338	-.000874

Sample Name: K3208-10 Acquired: 06/17/2019 17:08:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0272116	-.003220	.0826911
Stddev	.0009379	.002118	.0004017
%RSD	3.446747	65.77479	.4858147

#1	.0281075	-.000892	.0828329
#2	.0272905	-.005034	.0822377
#3	.0262367	-.003733	.0830026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.133	1999.109	30953.35	7557.621	3143.406
Stddev	8.764	.955	167.20	4.026	4.101
%RSD	.6486656	.0477879	.5401725	.0532734	.1304765

#1	1349.231	1998.025	30890.56	7554.382	3145.291
#2	1360.692	1999.828	31142.85	7562.129	3138.702
#3	1343.476	1999.474	30826.63	7556.351	3146.227

Sample Name: K3208-09 Acquired: 06/17/2019 17:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2848173	.0142683	1.492676	-.043229	.0104784	59.31611
Stddev	.0023305	.0021932	.005641	.001693	.0008337	.07132
%RSD	.8182257	15.37073	.3779279	3.916096	7.956767	.1202438

#1	.2835267	.0167754	1.498733	-.045070	.0095164	59.25240
#2	.2834176	.0127054	1.491723	-.042879	.0109925	59.39316
#3	.2875075	.0133242	1.487572	-.041739	.0109262	59.30277

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6036107	.0080686	.0694557	38.35096	.0266813	.2015970
Stddev	.0022331	.0001054	.0001475	.09755	.0007370	.0004403
%RSD	.3699506	1.306232	.2123413	.2543677	2.762380	.2184239

#1	.6018252	.0079481	.0695759	38.24260	.0273944	.2012595
#2	.6028923	.0081141	.0692911	38.37851	.0267270	.2014364
#3	.6061145	.0081437	.0695001	38.43178	.0259225	.2020951

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382291	227.6614	19.51917	34.71856	.0913413	.0087667
Stddev	.001035	1.6738	.09133	.29167	.0008068	.0005470
%RSD	.0748595	.7352009	.4679001	.8401073	.8832931	6.239212

#1	1.383326	226.1640	19.41856	34.47351	.0909063	.0085822
#2	1.382289	227.3517	19.54213	34.64100	.0908453	.0083358
#3	1.381257	229.4683	19.59684	35.04118	.0922722	.0093820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.567343	.3885613	2.191145	18.51703	F 11.40410	-.119471
Stddev	.027532	.0055929	.009188	.05301	.03920	.002699
%RSD	4.852833	1.439396	.4193399	.2862638	.3436923	2.258708

#1	-.536217	.3842647	2.198725	18.52314	11.40673	-.122234
#2	-.577305	.3865341	2.180926	18.56672	11.36365	-.119338
#3	-.588508	.3948852	2.193784	18.46124	11.44191	-.116842

Sample Name: K3208-09 Acquired: 06/17/2019 17:05:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE3 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401797	.2919767	1.308214	.0074008	3.381273	.0581096
Stddev	.0004537	.0039508	.000491	.0006214	.002791	.0009923
%RSD	1.129274	1.353134	.0375163	8.396218	.0825409	1.707729
#1	.0400793	.2894242	1.308746	.0076540	3.380204	.0569890
#2	.0397846	.2965275	1.307779	.0078555	3.384440	.0588771
#3	.0406752	.2899785	1.308118	.0066927	3.379175	.0584627

Elem	Sr4077
Units	ppm
Avg	.1236531
Stddev	.0003522
%RSD	.2847933
#1	.1234186
#2	.1240580
#3	.1234826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.498	2452.776	38389.83	9364.773	2994.471
Stddev	13.231	2.957	67.55	19.961	4.024
%RSD	.7934939	.1205729	.1759508	.2131502	.1343830
#1	1665.594	2453.531	38367.22	9384.546	2992.078
#2	1681.578	2455.282	38465.79	9365.145	2999.117
#3	1655.321	2449.514	38336.50	9344.629	2992.218

Sample Name: K3208-12 Acquired: 06/17/2019 17:16:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2799825	.0284386	.1623972	-.052860	.0099134	114.0107
Stddev	.0008780	.0030086	.0007590	.001601	.0025688	.4292
%RSD	.3135911	10.57939	.4673951	3.028480	25.91273	.3764935

#1	.2794465	.0249866	.1616849	-.052937	.0093321	113.5944
#2	.2795051	.0305032	.1631956	-.051221	.0076851	113.9859
#3	.2809957	.0298261	.1623112	-.054420	.0127231	114.4518

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950039	.0103060	.0220946	61.21002	.0499557	.1885203
Stddev	.002498	.0000403	.0001960	.11136	.0008448	.0007333
%RSD	.1280966	.3913903	.8872937	.1819321	1.691004	.3889573

#1	1.947831	.0102634	.0218683	61.10670	.0490182	.1876759
#2	1.949535	.0103112	.0222079	61.19540	.0506578	.1888880
#3	1.952750	.0103435	.0222077	61.32797	.0501911	.1889968

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.112389	302.3761	8.495916	75.22113	.1570384	-.018634
Stddev	.007780	.4593	.016049	.01634	.0004048	.000312
%RSD	.6993813	.1519085	.1888975	.0217262	.2577530	1.672252

#1	1.106949	302.7611	8.478874	75.23395	.1567452	-.018348
#2	1.121300	302.4995	8.510740	75.22670	.1568699	-.018966
#3	1.108917	301.8676	8.498136	75.20272	.1575003	-.018588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.683179	.6995298	.9325754	66.76881	F 13.92996	-.160852
Stddev	.161485	.0034537	.0023957	.30020	.04419	.001906
%RSD	23.63726	.4937185	.2568965	.4496097	.3172046	1.185182

#1	-.753500	.7022498	.9298611	66.44068	13.87905	-.162077
#2	-.498458	.6956441	.9334702	66.83610	13.95253	-.161824
#3	-.797581	.7006956	.9343951	67.02966	13.95830	-.158656

Sample Name: K3208-12 Acquired: 06/17/2019 17:16:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159235	.9337824	1.414405	.0304878	14.10944	.2000963
Stddev	.0002272	.0057858	.006859	.0003235	.04850	.0002476
%RSD	1.427019	.6196087	.4849341	1.060977	.3437110	.1237137
#1	.0161475	.9364552	1.418126	.0302278	14.06102	.1999181
#2	.0156931	.9271434	1.418600	.0303856	14.10928	.2003790
#3	.0159298	.9377486	1.406490	.0308500	14.15801	.1999918

Elem	Sr4077
Units	ppm
Avg	.4717229
Stddev	.0007949
%RSD	.1685101
#1	.4709236
#2	.4717319
#3	.4725133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.864	2162.580	33809.21	8371.909	2894.679
Stddev	5.755	2.251	323.67	29.004	2.695
%RSD	.3950284	.1040799	.9573287	.3464440	.0930909
#1	1461.878	2164.761	34025.55	8402.664	2897.600
#2	1458.134	2160.265	33964.97	8368.014	2894.144
#3	1450.580	2162.714	33437.11	8345.050	2892.291

Sample Name: K3208-11 Acquired: 06/17/2019 17:12:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.612457	.0207703	2.632524	-.046839	.1397902	56.12878	.9252331
Stddev	.010746	.0031316	.009341	.001631	.0006128	.19177	.0016227
%RSD	.6664252	15.07740	.3548452	3.482774	.4383933	.3416615	.1753858

#1	1.607728	.0226666	2.622555	-.046360	.1401199	56.02795	.9263385
#2	1.604887	.0224886	2.633941	-.048657	.1401676	56.34993	.9233702
#3	1.624757	.0171557	2.641076	-.045501	.1390831	56.00845	.9259908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055353	.0178658	28.82705	-.000074	.0985997	1.414543	266.6416
Stddev	.0000935	.0000713	.01128	.000193	.0003349	.005771	1.2460
%RSD	1.689973	.3991769	.0391413	261.6693	.3396280	.4080053	.4672831

#1	.0056325	.0178919	28.82317	.000124	.0986227	1.414121	267.3383
#2	.0055276	.0179204	28.81822	-.000261	.0982540	1.420514	265.2031
#3	.0054459	.0177851	28.83976	-.000084	.0989225	1.408995	267.3834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.69224	24.27904	.0526673	.4177646	-.020169	.2458432	2.278746
Stddev	.04757	.07296	.0002336	.0035861	.251182	.0039885	.053806
%RSD	.2007709	.3005016	.4434499	.8583942	1245.408	1.622378	2.361226

#1	23.74101	24.27285	.0524350	.4139046	-.118622	.2491635	2.226598
#2	23.64597	24.20937	.0526650	.4209928	-.207209	.2469471	2.334070
#3	23.68973	24.35489	.0529020	.4183964	.265326	.2414190	2.275568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.61368	8.205611	-.129940	.0570201	23.98295	1.431768	.0139565
Stddev	.18959	.030312	.001205	.0002713	.03019	.002795	.0013599
%RSD	.5640280	.3694014	.9274202	.4757474	.1258761	.1952037	9.743599

#1	33.75777	8.195267	-.130116	.0573240	23.95121	1.433952	.0148874
#2	33.68437	8.181825	-.131047	.0568024	24.01129	1.432733	.0145861
#3	33.39890	8.239740	-.128656	.0569338	23.98636	1.428618	.0123959

Sample Name: K3208-11 Acquired: 06/17/2019 17:12:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.828821	.0482484	.6029291
Stddev	.007071	.0008917	.0016819
%RSD	.2499642	1.848162	.2789541

#1	2.828827	.0488709	.6030749
#2	2.835889	.0472269	.6045333
#3	2.821747	.0486475	.6011790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.157	2174.964	33727.34	8336.135	3031.203
Stddev	19.350	7.094	240.88	58.904	7.106
%RSD	1.324261	.3261535	.7141929	.7066093	.2344124

#1	1481.865	2182.072	33957.93	8268.796	3037.902
#2	1443.538	2174.934	33477.34	8378.099	3031.956
#3	1458.068	2167.885	33746.76	8361.509	3023.751

Sample Name: K3208-13 Acquired: 06/17/2019 17:20:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.614242	.0336856	1.197333	-.050721	.0447582	25.83238	1.168622
Stddev	.006996	.0023688	.002790	.004216	.0005611	.08891	.000796
%RSD	.2676265	7.032052	.2330085	8.311238	1.253576	.3441767	.0681488

#1	2.606377	.0338053	1.194852	-.049038	.0453320	25.76433	1.169542
#2	2.619774	.0359923	1.200353	-.047606	.0447319	25.79984	1.168154
#3	2.616573	.0312592	1.196793	-.055517	.0442107	25.93298	1.168171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042854	.0115890	14.48981	-.010703	.0205832	1.114801	344.9211
Stddev	.0000811	.0000062	.09464	.000100	.0001899	.005009	.8125
%RSD	1.891300	.0533593	.6531585	.9305978	.9225131	.4492852	.2355565

#1	.0042900	.0115850	14.55298	-.010712	.0203730	1.111729	345.5949
#2	.0042022	.0115859	14.38099	-.010599	.0206344	1.112093	345.1496
#3	.0043641	.0115961	14.53545	-.010798	.0207422	1.120580	344.0188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.696913	6.174962	.0148945	.0393413	1.111022	.1762746	.6894309
Stddev	.004695	.018221	.0004801	.0006070	.056521	.0016280	.0050848
%RSD	.1740832	.2950771	3.223433	1.542803	5.087257	.9235607	.7375366

#1	2.701548	6.155275	.0145403	.0389248	1.090646	.1775309	.6919310
#2	2.692161	6.178378	.0154410	.0390614	1.174906	.1768575	.6835800
#3	2.697030	6.191233	.0147024	.0400377	1.067516	.1744354	.6927816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.74776	9.010037	-.164780	.1029695	75.02112	1.314633	.0143203
Stddev	.29193	.016312	.010005	.0005320	.12451	.028033	.0014023
%RSD	.5431391	.1810448	6.071565	.5166613	.1659692	2.132359	9.792407

#1	53.88057	9.023200	-.170402	.1032918	75.02236	1.324540	.0132708
#2	53.41304	9.015124	-.153229	.1023555	75.14501	1.282992	.0159129
#3	53.94967	8.991788	-.170710	.1032613	74.89600	1.336367	.0137773

Sample Name: K3208-13 Acquired: 06/17/2019 17:20:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BE7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7062621	.0545023	1.845085
Stddev	.0035653	.0020719	.003204
%RSD	.5048142	3.801584	.1736594

#1	.7046478	.0526006	1.845689
#2	.7037895	.0567104	1.841622
#3	.7103490	.0541959	1.847944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1349.185	2003.750	31112.26	7599.831	3051.466
Stddev	9.692	1.889	60.92	75.381	5.015
%RSD	.7183524	.0942489	.1957999	.9918743	.1643468

#1	1343.413	2001.739	31046.33	7526.879	3051.582
#2	1360.375	2004.025	31166.46	7677.426	3046.394
#3	1343.769	2005.485	31124.00	7595.188	3056.422

Sample Name: K3208-14 Acquired: 06/17/2019 17:24:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.903795	.0436146	2.022318	-.052516	.1749057	27.11629	.6525197
Stddev	.008095	.0013610	.002765	.000867	.0013904	.07822	.0038692
%RSD	.2073593	3.120598	.1367272	1.650088	.7949487	.2884599	.5929662

#1	3.895595	.0423288	2.019144	-.052327	.1762516	27.06904	.6482757
#2	3.904011	.0450401	2.023610	-.051760	.1734747	27.07325	.6534323
#3	3.911780	.0434748	2.024201	-.053462	.1749907	27.20658	.6558510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075749	.0123748	11.24988	-.019124	.0517924	.9380615	338.1402
Stddev	.0001412	.0000914	.03962	.000337	.0003984	.0048429	2.0381
%RSD	1.864687	.7385180	.3522050	1.761357	.7691214	.5162647	.6027353

#1	.0074699	.0122761	11.20774	-.019375	.0513327	.9328228	335.8389
#2	.0075193	.0123920	11.25552	-.018741	.0520354	.9389867	338.8646
#3	.0077355	.0124564	11.28638	-.019255	.0520092	.9423750	339.7172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58808	3.835786	.0289428	.2482052	-.772951	.1282612	.9181444
Stddev	.07586	.045637	.0004190	.0010231	.233254	.0010333	.0107017
%RSD	.4573002	1.189761	1.447636	.4121901	30.17714	.8056474	1.165580

#1	16.50243	3.783140	.0294168	.2470358	-.565365	.1277691	.9077217
#2	16.61502	3.860116	.0287897	.2489351	-1.02537	.1294486	.9291049
#3	16.64679	3.864103	.0286218	.2486446	-.72812	.1275659	.9176066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04808	9.665973	-.159471	.0870781	11.46569	1.197548	.0051437
Stddev	.03535	.028529	.011169	.0004548	.00225	.005890	.0008297
%RSD	.3517715	.2951507	7.003623	.5222991	.0195894	.4918098	16.13022

#1	10.06472	9.642690	-.171040	.0876030	11.46804	1.196746	.0052768
#2	10.00748	9.657431	-.148751	.0868310	11.46548	1.192101	.0042555
#3	10.07203	9.697797	-.158621	.0868004	11.46356	1.203798	.0058988

Sample Name: K3208-14 Acquired: 06/17/2019 17:24:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3680558	.0034731	.3997918
Stddev	.0022898	.0004139	.0005287
%RSD	.6221397	11.91685	.1322439

#1	.3675600	.0031495	.3991865
#2	.3660545	.0033302	.4000258
#3	.3705529	.0039394	.4001632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.371	2041.919	31489.21	7754.211	3068.779
Stddev	10.658	5.532	128.83	24.405	6.728
%RSD	.7737665	.2709380	.4091354	.3147329	.2192301

#1	1389.094	2040.497	31605.19	7774.295	3069.131
#2	1368.267	2048.024	31350.54	7761.289	3075.323
#3	1374.750	2037.237	31511.89	7727.050	3061.882

Sample Name: K3208-16 Acquired: 06/17/2019 17:32:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.660883	.0125305	2.987026	-.047969	1.145452	38.73279	.6181533
Stddev	.002654	.0005979	.003520	.000789	.001714	.25703	.0019425
%RSD	.1598107	4.771266	.1178410	1.645452	.1496620	.6635940	.3142345

#1	1.659278	.0118779	2.990973	-.048482	1.143474	38.60321	.6203927
#2	1.663947	.0126619	2.985892	-.047060	1.146367	39.02882	.6171420
#3	1.659424	.0130518	2.984213	-.048365	1.146514	38.56635	.6169251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266786	.0276955	26.56524	.0037735	.0642959	1.928798	305.4437
Stddev	.0001816	.0002650	.04638	.0002158	.0003592	.004350	1.5709
%RSD	.6807695	.9569718	.1746039	5.719175	.5586528	.2255096	.5143047

#1	.0267996	.0278142	26.61170	.0035463	.0645866	1.933057	307.0344
#2	.0267665	.0278805	26.56510	.0039758	.0644066	1.928973	303.8934
#3	.0264698	.0273919	26.51893	.0037984	.0638943	1.924363	305.4032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.466173	7.026008	.0802141	.3076611	-.804364	.2185807	1.535174
Stddev	.015149	.059708	.0001247	.0006404	.060336	.0005562	.025464
%RSD	.1789372	.8498176	.1554376	.2081446	7.501073	.2544380	1.658700

#1	8.474895	7.094933	.0802250	.3071985	-.809965	.2179444	1.523884
#2	8.448681	6.990081	.0803330	.3083920	-.861704	.2189737	1.564330
#3	8.474944	6.993012	.0800843	.3073929	-.741423	.2188241	1.517306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43149	8.426336	-.126684	.0603950	2.924309	2.408233	.0147435
Stddev	.05163	.009483	.002364	.0000877	.019112	.007340	.0011175
%RSD	.4949561	.1125432	1.866278	.1451275	.6535640	.3048070	7.579785

#1	10.46153	8.426795	-.123955	.0603294	2.922501	2.416690	.0148123
#2	10.46108	8.416632	-.128007	.0604946	2.906164	2.403510	.0158250
#3	10.37188	8.435582	-.128091	.0603611	2.944260	2.404500	.0135931

Sample Name: K3208-16 Acquired: 06/17/2019 17:32:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AW8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.284765	.0207269	.1205434
Stddev	.016465	.0007357	.0004838
%RSD	1.281582	3.549419	.4013717

#1	1.278506	.0198814	.1202868
#2	1.303442	.0212212	.1211015
#3	1.272347	.0210780	.1202419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.131	2347.532	36843.93	9061.115	3085.654
Stddev	5.269	2.336	76.56	14.764	2.618
%RSD	.3299128	.0995066	.2077956	.1629339	.0848423

#1	1596.800	2347.047	36838.95	9068.406	3083.080
#2	1592.036	2350.072	36769.97	9044.124	3088.314
#3	1602.558	2345.476	36922.85	9070.814	3085.568

Sample Name: K3208-15 Acquired: 06/17/2019 17:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021112	.0441404	8.815042	-.042024	.0570601	14.81605
Stddev	.018626	.0015646	.025701	.000345	.0007822	.08643
%RSD	.3709502	3.544669	.2915555	.8202664	1.370899	.5833805

#1	5.016229	.0437690	8.796739	-.042397	.0565917	14.76284
#2	5.005414	.0458573	8.803964	-.041716	.0566255	14.76953
#3	5.041693	.0427949	8.844424	-.041960	.0579631	14.91578

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3733999	.0018601	.0096405	6.276158	-.021789	.0147250
Stddev	.0019570	.0000454	.0001842	.029490	.000730	.0002106
%RSD	.5241013	2.441360	1.910284	.4698701	3.352577	1.430048

#1	.3713985	.0018102	.0097152	6.244429	-.021241	.0146870
#2	.3734920	.0018990	.0094308	6.302728	-.021508	.0149520
#3	.3753093	.0018710	.0097757	6.281318	-.022618	.0145360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5779205	239.5049	F 39.92997	.4551805	.0070054	.1753669
Stddev	.0007072	.4928	.18142	.0088180	.0000937	.0010657
%RSD	.1223646	.2057396	.4543569	1.937260	1.337807	.6077035

#1	.5786162	239.8013	39.76281	.4450203	.0069397	.1765142
#2	.5779428	238.9361	39.90420	.4596804	.0071128	.1751787
#3	.5772024	239.7773	40.12290	.4608406	.0069638	.1744078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198094	.1590227	.5737982	17.51532	3.207571	-.106834
Stddev	.065029	.0017811	.0097910	.04049	.009074	.001282
%RSD	32.82742	1.120004	1.706354	.2311696	.2829054	1.199700

#1	-.266585	.1582200	.5625034	17.46883	3.204380	-.108100
#2	-.137193	.1577843	.5790158	17.53426	3.200523	-.106866
#3	-.190503	.1610639	.5798755	17.54287	3.217810	-.105537

Sample Name: K3208-15 Acquired: 06/17/2019 17:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BF6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385842	33.98701	.9503558	.0047123	.0351104	-.002140
Stddev	.0001897	.04749	.0043616	.0007506	.0010072	.001597
%RSD	.4916784	.1397442	.4589435	15.92860	2.868580	74.63178
#1	.0385392	33.98147	.9552237	.0055790	.0357336	-.000425
#2	.0384211	33.94252	.9490404	.0042756	.0356492	-.003585
#3	.0387924	34.03703	.9468032	.0042822	.0339484	-.002409

Elem	Sr4077
Units	ppm
Avg	.1116607
Stddev	.0004598
%RSD	.4118000
#1	.1111457
#2	.1118063
#3	.1120300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.976	1991.035	30756.89	7531.127	3084.833
Stddev	5.734	5.697	83.01	15.121	6.718
%RSD	.4244290	.2861179	.2698793	.2007806	.2177795
#1	1345.527	1984.556	30766.88	7517.776	3077.748
#2	1356.958	1995.260	30834.45	7547.547	3091.112
#3	1350.445	1993.288	30669.34	7528.057	3085.639

Sample Name: K3208-18 Acquired: 06/17/2019 17:40:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.702940	.0202955	2.336014	-.033821	.0054709	10.32523	.6370103
Stddev	.015772	.0025067	.003158	.000949	.0016462	.07340	.0011673
%RSD	.5835092	12.35099	.1351886	2.805825	30.09003	.7109077	.1832386

#1	2.693645	.0174011	2.337317	-.033614	.0069538	10.30791	.6366393
#2	2.694024	.0217473	2.332413	-.032992	.0036995	10.26204	.6360737
#3	2.721150	.0217383	2.338312	-.034856	.0057594	10.40575	.6383180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029481	.0055017	7.652366	-.015664	.0067313	.3571160	223.6218
Stddev	.0001724	.0000929	.051487	.000132	.0001161	.0019745	.4143
%RSD	5.847161	1.689139	.6728187	.8457716	1.724280	.5528888	.1852659

#1	.0029617	.0056061	7.658655	-.015547	.0066906	.3549475	223.9313
#2	.0027694	.0054280	7.598024	-.015636	.0068622	.3575907	223.7828
#3	.0031134	.0054711	7.700419	-.015808	.0066410	.3588099	223.1511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2963083	1.000937	.0033056	.2025824	1.040381	.0348433	.1663287
Stddev	.0011862	.022228	.0005188	.0009203	.430428	.0002830	.0043538
%RSD	.4003179	2.220707	15.69504	.4542627	41.37218	.8122959	2.617596

#1	.2962745	1.023575	.0039027	.2019405	.653395	.0351156	.1613454
#2	.2951394	1.000092	.0030498	.2036367	1.503966	.0345507	.1693950
#3	.2975110	.979143	.0029644	.2021699	.963781	.0348635	.1682459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.19603	4.472093	-.096022	.0629768	55.82395	.7811412	.0043170
Stddev	.30902	.017188	.002469	.0005347	.09788	.0103678	.0003998
%RSD	.7883967	.3843385	2.571468	.8490842	.1753385	1.327262	9.261249

#1	39.13496	4.479823	-.095031	.0631396	55.80257	.7699593	.0042793
#2	38.92210	4.452397	-.094203	.0623797	55.73853	.7904356	.0047343
#3	39.53102	4.484059	-.098833	.0634113	55.93075	.7830286	.0039374

Sample Name: K3208-18 Acquired: 06/17/2019 17:40:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0544895	-.004402	.5225097
Stddev	.0021771	.002494	.0032122
%RSD	3.995476	56.66317	.6147705

#1	.0526408	-.007226	.5227881
#2	.0539385	-.002501	.5191673
#3	.0568891	-.003478	.5255736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.997	1971.660	30585.12	7453.912	3108.674
Stddev	5.916	3.355	64.69	39.984	2.435
%RSD	.4434907	.1701582	.2114932	.5364140	.0783165

#1	1338.072	1971.266	30641.91	7417.631	3109.119
#2	1327.211	1975.194	30598.72	7496.780	3110.855
#3	1336.707	1968.519	30514.71	7447.325	3106.047

Sample Name: K3208-17 Acquired: 06/17/2019 17:36:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.114977	.0143762	2.947986	-.020430	.0064314	10.10719	.3342642
Stddev	.001575	.0008730	.009189	.001575	.0016342	.06384	.0012346
%RSD	.1412293	6.072277	.3116918	7.708510	25.40943	.6315832	.3693387

#1	1.115248	.0152717	2.946731	-.021187	.0049958	10.04394	.3330916
#2	1.113284	.0135277	2.939490	-.021483	.0082098	10.17160	.3355526
#3	1.116398	.0143290	2.957738	-.018619	.0060885	10.10603	.3341485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027615	.0034807	4.098565	-.007714	.0125638	.2750179	135.3257
Stddev	.0001631	.0000806	.015470	.000150	.0003729	.0027899	.4046
%RSD	5.906718	2.314073	.3774501	1.949637	2.968243	1.014431	.2989706

#1	.0025896	.0035609	4.084150	-.007646	.0126925	.2717978	135.2296
#2	.0029141	.0033998	4.114909	-.007610	.0121435	.2767086	134.9778
#3	.0027809	.0034814	4.096637	-.007887	.0128553	.2765473	135.7696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9710262	1.827646	.0055696	.0521244	.5696071	.0400140	.5513270
Stddev	.0020195	.018064	.0004324	.0001555	.0514491	.0031890	.0033590
%RSD	.2079774	.9883675	7.764169	.2983693	9.032381	7.969618	.6092610

#1	.9687002	1.807077	.0052974	.0519875	.6111566	.0431862	.5503514
#2	.9720463	1.834929	.0053432	.0520923	.5856050	.0368085	.5550659
#3	.9723322	1.840930	.0060682	.0522935	.5120596	.0400472	.5485638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.09125	2.202874	-.049799	.0690451	23.36266	.6878943	.0047225
Stddev	.11195	.008838	.002859	.0003627	.03621	.0028332	.0005720
%RSD	.6957480	.4011892	5.741808	.5252942	.1550115	.4118705	12.11213

#1	15.96600	2.201751	-.047084	.0687196	23.40074	.6863154	.0040637
#2	16.18160	2.212219	-.049530	.0689797	23.32866	.6911652	.0050116
#3	16.12615	2.194651	-.052784	.0694360	23.35858	.6862024	.0050923

Sample Name: K3208-17 Acquired: 06/17/2019 17:36:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1312406	-.000087	.2206240
Stddev	.0013114	.002498	.0010014
%RSD	.9992253	2872.029	.4538936

#1	.1297311	.002611	.2197355
#2	.1320997	-.002318	.2217091
#3	.1318909	-.000554	.2204273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.777	2004.219	30927.98	7606.208	3112.699
Stddev	3.876	5.369	232.97	28.725	8.060
%RSD	.2861185	.2678968	.7532532	.3776472	.2589485

#1	1352.411	2002.023	30975.84	7632.039	3105.796
#2	1352.670	2000.296	30674.80	7611.310	3110.745
#3	1359.250	2010.338	31133.30	7575.274	3121.557

Sample Name: K3208-19 Acquired: 06/17/2019 17:44:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9146910	.0131881	.5030038	-.037949	.0101270	29.96374	.9765251
Stddev	.0020307	.0033076	.0015898	.003142	.0036073	.05997	.0031779
%RSD	.2220100	25.08050	.3160670	8.278846	35.62042	.2001414	.3254339

#1	.9132301	.0097537	.5047338	-.035363	.0088726	30.03111	.9785959
#2	.9138330	.0163524	.5016070	-.041445	.0141940	29.91619	.9781132
#3	.9170099	.0134581	.5026707	-.037038	.0073144	29.94392	.9728661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105443	.0128904	28.09784	.0278615	.1079641	.3949708	206.5257
Stddev	.0001085	.0001502	.06629	.0001488	.0005373	.0053218	.5597
%RSD	1.029402	1.165165	.2359386	.5341998	.4976972	1.347397	.2709845

#1	.0104240	.0129993	28.16402	.0279312	.1075582	.3989782	206.2901
#2	.0105741	.0127191	28.09806	.0276906	.1077606	.3889326	207.1646
#3	.0106348	.0129528	28.03143	.0279626	.1085735	.3970016	206.1223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.371348	6.460251	.2074975	-.008072	-.427062	.1648251	1.089619
Stddev	.013239	.022070	.0005776	.000740	.277343	.0052091	.007555
%RSD	.2077857	.3416253	.2783841	9.165288	64.94196	3.160360	.6933291

#1	6.386631	6.473412	.2068417	-.007282	-.127867	.1640525	1.087770
#2	6.363416	6.472569	.2079311	-.008749	-.477764	.1703773	1.097926
#3	6.363996	6.434772	.2077196	-.008184	-.675556	.1600455	1.083160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.17633	5.077341	-.097725	.0109727	.7898865	1.646373	.0056390
Stddev	.06314	.012598	.004694	.0001965	.0097572	.018561	.0005208
%RSD	.4791921	.2481297	4.803513	1.790768	1.235269	1.127401	9.235495

#1	13.15090	5.086915	-.096459	.0111851	.7919768	1.645747	.0061958
#2	13.12987	5.082038	-.102922	.0107973	.7792536	1.665239	.0055574
#3	13.24822	5.063068	-.093793	.0109357	.7984292	1.628133	.0051638

Sample Name: K3208-19 Acquired: 06/17/2019 17:44:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AX7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1449304	.0083405	.2044052
Stddev	.0023083	.0018002	.0006601
%RSD	1.592681	21.58351	.3229168

#1	.1462297	.0103989	.2049053
#2	.1422653	.0075620	.2036571
#3	.1462961	.0070606	.2046534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1389.464	2057.090	32037.62	7856.419	3107.942
Stddev	17.462	2.915	98.31	70.970	3.778
%RSD	1.256736	.1417081	.3068588	.9033317	.1215728

#1	1394.323	2057.068	31940.49	7798.623	3108.019
#2	1370.088	2060.017	32035.31	7835.004	3111.682
#3	1403.983	2054.187	32137.07	7935.630	3104.126

Sample Name: K3217-01 Acquired: 06/17/2019 17:48:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6116048	.0206152	1.209469	-.040180	.0332063	57.12374	.7367204
Stddev	.0040832	.0009485	.003632	.003087	.0009160	.10778	.0022785
%RSD	.6676201	4.600914	.3002991	7.681817	2.758667	.1886754	.3092801

#1	.6161733	.0195592	1.205788	-.036744	.0339884	57.03739	.7353574
#2	.6083110	.0213947	1.209570	-.041080	.0334320	57.08931	.7354530
#3	.6103300	.0208917	1.213050	-.042717	.0321985	57.24453	.7393508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074179	.0093130	24.65620	.0129259	.0583675	.9326923	220.1148
Stddev	.0001017	.0000284	.07698	.0003631	.0001954	.0052851	1.0370
%RSD	1.371378	.3046795	.3122040	2.809030	.3348170	.5666515	.4711026

#1	.0074023	.0093458	24.56768	.0131944	.0585922	.9337120	219.1399
#2	.0075266	.0092961	24.69357	.0125128	.0582373	.9269716	221.2043
#3	.0073249	.0092971	24.70737	.0130705	.0582729	.9373932	220.0003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.351305	20.36093	.0428103	.2947119	-.184419	.2172696	.8791584
Stddev	.023319	.06271	.0002528	.0016493	.187016	.0008829	.0093572
%RSD	.3671554	.3079972	.5906249	.5596153	101.4083	.4063573	1.064342

#1	6.332138	20.33089	.0430867	.2929782	-.006096	.2182309	.8867607
#2	6.344509	20.43301	.0427537	.2962612	-.168102	.2170830	.8687080
#3	6.377267	20.31889	.0425906	.2948962	-.379059	.2164949	.8820064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.05339	7.318445	-.108657	.0526338	30.92172	1.773306	.0117415
Stddev	.20532	.008956	.003524	.0000674	.01572	.034880	.0003663
%RSD	.7589587	.1223802	3.243670	.1279716	.0508230	1.966961	3.119791

#1	26.85324	7.328257	-.107165	.0526474	30.93880	1.752368	.0119397
#2	27.04339	7.316369	-.112682	.0526932	30.90787	1.813572	.0119660
#3	27.26353	7.310709	-.106124	.0525606	30.91851	1.753980	.0113188

Sample Name: K3217-01 Acquired: 06/17/2019 17:48:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.100704	.0409880	.1752667
Stddev	.006941	.0022702	.0004618
%RSD	.1692622	5.538661	.2634682

#1	4.098358	.0387186	.1749554
#2	4.095239	.0409864	.1750473
#3	4.108514	.0432589	.1757972

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.216	2162.449	33373.98	8224.440	3052.225
Stddev	9.045	3.766	38.88	57.826	6.118
%RSD	.6245786	.1741704	.1165036	.7030996	.2004423

#1	1458.367	2166.770	33396.67	8278.536	3059.199
#2	1441.011	2159.863	33396.19	8163.494	3047.760
#3	1445.269	2160.713	33329.08	8231.291	3049.717

Sample Name: K3217-03 Acquired: 06/17/2019 17:56:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5056381	.0620177	.0755269	-.051769	.0119046	71.68362	.3685297
Stddev	.0044050	.0027532	.0017901	.004286	.0002397	.10962	.0010007
%RSD	.8711690	4.439437	2.370144	8.278099	2.013553	.1529251	.2715407

#1	.5011383	.0626823	.0765584	-.056674	.0116284	71.72727	.3686735
#2	.5058343	.0589930	.0765624	-.048750	.0120584	71.76469	.3674648
#3	.5099417	.0643778	.0734599	-.049883	.0120270	71.55890	.3694507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044041	.0079965	37.54307	.0190940	.0604567	.4455548	317.0782
Stddev	.0001066	.0001727	.12447	.0005352	.0004389	.0014876	2.4762
%RSD	2.420124	2.159190	.3315389	2.803189	.7259102	.3338787	.7809518

#1	.0043388	.0080641	37.55408	.0188687	.0609611	.4445824	316.7242
#2	.0045271	.0081251	37.41346	.0187082	.0601617	.4472673	314.7980
#3	.0043465	.0078002	37.66167	.0197050	.0602474	.4448147	319.7123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.302151	38.26762	.0506361	-.005218	-.207057	.3092517	.4429468
Stddev	.012750	.25174	.0004570	.000657	.312951	.0066839	.0068036
%RSD	.5538486	.6578397	.9024576	12.58581	151.1423	2.161321	1.535980

#1	2.301233	38.21290	.0510782	-.005585	-.564600	.3074111	.4403034
#2	2.289884	38.04775	.0506646	-.005610	-.073685	.3036810	.4506753
#3	2.315336	38.54223	.0501656	-.004460	.017113	.3166631	.4378616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.09613	9.764997	-.154068	.0171498	23.16414	1.431914	.0093132
Stddev	.06841	.026207	.003616	.0002650	.07655	.011613	.0003341
%RSD	.2524655	.2683767	2.347061	1.545087	.3304685	.8110296	3.587269

#1	27.15651	9.780091	-.156640	.0168449	23.19358	1.434162	.0095526
#2	27.02184	9.734736	-.155629	.0172798	23.07724	1.419341	.0094556
#3	27.11005	9.780164	-.149933	.0173247	23.22159	1.442239	.0089315

Sample Name: K3217-03 Acquired: 06/17/2019 17:56:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.648750	.0428205	.1900528
Stddev	.008772	.0019831	.0004759
%RSD	.2404038	4.631123	.2504161

#1	3.652480	.0443557	.1902327
#2	3.655041	.0435244	.1895131
#3	3.638730	.0405815	.1904126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.730	2184.169	34144.76	8422.175	2994.357
Stddev	9.322	2.488	129.36	26.624	2.223
%RSD	.6261655	.1138930	.3788543	.3161196	.0742251

#1	1497.684	2187.040	34247.68	8398.671	2995.657
#2	1479.079	2182.821	33999.55	8451.088	2991.791
#3	1489.425	2182.647	34187.05	8416.766	2995.624

Sample Name: K3217-02 Acquired: 06/17/2019 17:52:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8981235	.0548161	.8429641	-.018218	.0162421	20.59051	.1875034
Stddev	.0042834	.0017125	.0032261	.001673	.0031209	.03363	.0006178
%RSD	.4769218	3.124041	.3827037	9.185113	19.21501	.1633146	.3294623

#1	.9021427	.0562503	.8440403	-.016494	.0130104	20.56195	.1881069
#2	.8986103	.0552781	.8393376	-.019836	.0164770	20.62757	.1875311
#3	.8936176	.0529201	.8455146	-.018325	.0192389	20.58202	.1868723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027131	.0022070	15.91756	.0078014	.0048479	.1738774	102.2165
Stddev	.0000930	.0000869	.01655	.0004282	.0001598	.0002736	.1915
%RSD	3.428133	3.935919	.1039669	5.488313	3.295568	.1573467	.1873511

#1	.0027367	.0021655	15.90204	.0082641	.0046892	.1738022	102.3418
#2	.0027920	.0021487	15.93498	.0074192	.0050087	.1741807	102.3117
#3	.0026105	.0023069	15.91568	.0077209	.0048458	.1736492	101.9961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1634279	1.217687	.0032388	.1527461	.1798069	.1748379	.2539450
Stddev	.0011498	.019161	.0002174	.0005876	.2258898	.0027398	.0017343
%RSD	.7035375	1.573590	6.712819	.3847111	125.6291	1.567046	.6829466

#1	.1645350	1.238122	.0030706	.1530151	-.019015	.1716890	.2551292
#2	.1622398	1.214816	.0034843	.1531511	.425432	.1766769	.2547515
#3	.1635090	1.200123	.0031616	.1520721	.133004	.1761477	.2519543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.437034	1.469204	-.049727	.0372222	14.28840	1.243788	.0033841
Stddev	.065752	.004717	.002731	.0002352	.04360	.015876	.0005027
%RSD	.7793248	.3210246	5.491721	.6318076	.3051630	1.276439	14.85443

#1	8.386561	1.470455	-.048047	.0370310	14.33870	1.253503	.0039035
#2	8.413153	1.463988	-.048257	.0371510	14.26139	1.225467	.0033488
#3	8.511389	1.473169	-.052878	.0374848	14.26511	1.252393	.0029000

Sample Name: K3217-02 Acquired: 06/17/2019 17:52:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0AZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0996632	-.003068	.3485606
Stddev	.0023386	.001958	.0005333
%RSD	2.346535	63.82090	.1529918

#1	.0986103	-.004077	.3484631
#2	.0980362	-.000811	.3491359
#3	.1023432	-.004315	.3480828

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.702	2062.202	31876.88	7726.078	3127.946
Stddev	22.904	3.798	325.52	36.237	12.255
%RSD	1.643418	.1841951	1.021189	.4690205	.3917803

#1	1367.334	2057.979	31522.95	7691.773	3115.195
#2	1408.667	2065.342	31944.25	7763.979	3139.635
#3	1405.104	2063.284	32163.45	7722.482	3129.010

Sample Name: K3217-05 Acquired: 06/17/2019 18:04:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.403252	.0297701	2.978042	-.051676	.0759101	32.52730	.9412924
Stddev	.020911	.0024006	.004902	.003453	.0007937	.18007	.0037261
%RSD	.2488447	8.063794	.1646147	6.682807	1.045519	.5535872	.3958501

#1	8.395869	.0286184	2.974670	-.053486	.0768245	32.64042	.9438150
#2	8.426853	.0325295	2.975790	-.047694	.0755059	32.62182	.9370126
#3	8.387033	.0281624	2.983665	-.053848	.0753999	32.31965	.9430495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067810	.0304602	13.92178	-.000104	.0546420	2.681287	338.8171
Stddev	.0001474	.0003047	.03356	.000855	.0009596	.008504	3.6875
%RSD	2.172977	1.000358	.2410886	818.5897	1.756158	.3171768	1.088337

#1	.0067041	.0301344	13.95976	.000750	.0535642	2.690548	337.8833
#2	.0069509	.0307382	13.89611	-.000104	.0554035	2.679486	335.6862
#3	.0066880	.0305080	13.90946	-.000960	.0549584	2.673827	342.8816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.799768	10.23749	.0480625	.0251193	-.281105	.2682949	2.122013
Stddev	.011987	.05218	.0002463	.0005048	.248833	.0013342	.013249
%RSD	.4281476	.5097065	.5123475	2.009596	88.51956	.4972915	.6243688

#1	2.804863	10.24207	.0479920	.0251672	-.480399	.2678425	2.135856
#2	2.786076	10.18317	.0478592	.0245923	-.360704	.2672458	2.120734
#3	2.808367	10.28723	.0483363	.0255984	-.002212	.2697965	2.109450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.72662	7.535913	-.154920	.0549108	35.95556	1.843126	.0215322
Stddev	.15013	.030979	.017772	.0002879	.01551	.018537	.0014559
%RSD	.4451377	.4110821	11.47178	.5243631	.0431235	1.005734	6.761717

#1	33.89533	7.526226	-.168417	.0549396	35.93795	1.864173	.0198569
#2	33.60774	7.570578	-.161560	.0551833	35.96717	1.829225	.0224915
#3	33.67679	7.510935	-.134784	.0546096	35.96156	1.835981	.0222482

Sample Name: K3217-05 Acquired: 06/17/2019 18:04:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.570125	.0251682	1.139266
Stddev	.006496	.0001891	.001891
%RSD	.4136945	.7513179	.1659801

#1	1.572242	.0250128	1.141377
#2	1.575297	.0251131	1.138693
#3	1.562835	.0253787	1.137727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.023	2062.486	32106.82	7874.915	3053.284
Stddev	9.792	4.660	192.05	44.746	7.403
%RSD	.7013886	.2259409	.5981657	.5682079	.2424458

#1	1387.475	2060.776	32180.09	7823.316	3051.063
#2	1406.706	2058.922	32251.45	7898.393	3047.247
#3	1393.889	2067.759	31888.92	7903.035	3061.544

Sample Name: K3217-04 Acquired: 06/17/2019 18:00:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479273	.0175663	1.989518	-.033297	.0339130	15.88606	.2120385
Stddev	.002735	.0001450	.001126	.002453	.0010360	.07495	.0004996
%RSD	.1103231	.8252794	.0565948	7.365700	3.054801	.4717927	.2356156

#1	2.476140	.0174733	1.988741	-.030509	.0331394	15.80122	.2115072
#2	2.480497	.0174923	1.989003	-.034260	.0350900	15.91366	.2121096
#3	2.481183	.0177333	1.990809	-.035121	.0335096	15.94329	.2124988

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025432	.0039191	9.521513	-.011737	.0092082	.2463160	198.3766
Stddev	.0001186	.0000788	.020010	.000363	.0001343	.0016725	.7219
%RSD	4.663264	2.011273	.2101542	3.090979	1.457907	.6789909	.3639231

#1	.0026575	.0039711	9.506075	-.012150	.0090829	.2471983	198.1852
#2	.0024207	.0038284	9.514344	-.011593	.0093499	.2443871	199.1750
#3	.0025513	.0039577	9.544120	-.011469	.0091919	.2473625	197.7697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2314816	1.970800	.0071119	.1846279	-.422729	.0691661	.1747636
Stddev	.0007960	.014005	.0006204	.0004798	.067588	.0036605	.0025277
%RSD	.3438847	.7106419	8.723959	.2598541	15.98844	5.292287	1.446376

#1	.2306431	1.959770	.0067245	.1851722	-.480550	.0724594	.1722064
#2	.2315746	1.986557	.0067837	.1844448	-.348424	.0652249	.1748238
#3	.2322270	1.966073	.0078275	.1842666	-.439213	.0698139	.1772608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.56916	3.554875	-.097960	.0386928	19.26989	1.754048	.0018815
Stddev	.11242	.002208	.006078	.0002406	.05461	.018091	.0003252
%RSD	.6054353	.0621078	6.204402	.6217899	.2833697	1.031375	17.28451

#1	18.44598	3.557421	-.101927	.0387858	19.26856	1.768549	.0016802
#2	18.66625	3.553477	-.100992	.0384196	19.21596	1.759819	.0022566
#3	18.59524	3.553728	-.090963	.0388730	19.32514	1.733776	.0017076

Sample Name: K3217-04 Acquired: 06/17/2019 18:00:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BA3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1603771	-.002883	.3825254
Stddev	.0016309	.001368	.0012388
%RSD	1.016896	47.45114	.3238392

#1	.1585559	-.002317	.3812975
#2	.1617026	-.004443	.3825041
#3	.1608728	-.001889	.3837747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.536	1966.357	30479.43	7375.642	3101.361
Stddev	8.725	3.155	39.19	50.477	1.643
%RSD	.6537558	.1604558	.1285885	.6843704	.0529692

#1	1333.924	1963.116	30494.16	7367.404	3100.760
#2	1343.551	1969.418	30509.12	7329.790	3103.220
#3	1326.134	1966.538	30435.00	7429.731	3100.103

Sample Name: K3217-07 Acquired: 06/17/2019 18:12:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.367203	.0246655	2.271203	-.043698	.1084374	44.70719	.6420635
Stddev	.007125	.0011986	.006350	.001642	.0021054	.11257	.0016520
%RSD	.5211341	4.859335	.2795971	3.757065	1.941590	.2518010	.2573016

#1	1.359116	.0260491	2.267984	-.044203	.1104892	44.76467	.6430556
#2	1.372556	.0239445	2.267108	-.041863	.1085408	44.77943	.6429785
#3	1.369938	.0240029	2.278518	-.045027	.1062822	44.57749	.6401564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055614	.0083461	19.49043	-.002876	.0378037	1.747749	273.4545
Stddev	.0000975	.0000931	.02351	.000164	.0000515	.003231	.8999
%RSD	1.753782	1.115097	.1206357	5.699862	.1362845	.1848641	.3290984

#1	.0056649	.0082403	19.50293	-.002704	.0378086	1.745430	272.6612
#2	.0054712	.0083828	19.46331	-.002893	.0378526	1.751440	274.4324
#3	.0055481	.0084152	19.50505	-.003031	.0377499	1.746378	273.2700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.180545	18.61698	.0246223	.4684531	-.252662	.2106977	1.035842
Stddev	.009662	.06278	.0004462	.0053184	.159370	.0007859	.030475
%RSD	.1563274	.3371958	1.812064	1.135304	63.07645	.3729771	2.942061

#1	6.170260	18.55705	.0245963	.4725700	-.390876	.2097967	1.058325
#2	6.189431	18.68226	.0241897	.4624483	-.078333	.2110547	1.001156
#3	6.181944	18.61164	.0250810	.4703409	-.288777	.2112417	1.048044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.49034	8.127328	-.135816	.3343134	26.97182	1.634457	.0130850
Stddev	.11147	.040200	.005885	.0005250	.07153	.016963	.0008284
%RSD	.4551578	.4946279	4.333306	.1570514	.2651876	1.037821	6.331087

#1	24.61714	8.081018	-.142155	.3345880	26.90474	1.652635	.0129155
#2	24.44611	8.153236	-.134767	.3337080	26.96363	1.619051	.0123544
#3	24.40777	8.147731	-.130525	.3346442	27.04708	1.631686	.0139851

Sample Name: K3217-07 Acquired: 06/17/2019 18:12:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.207987	.0189500	.1481396
Stddev	.014193	.0024806	.0005495
%RSD	.4424233	13.09029	.3709450

#1	3.224277	.0173439	.1487399
#2	3.201393	.0218071	.1480176
#3	3.198291	.0176992	.1476614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.237	2125.171	32939.89	8127.547	3046.547
Stddev	36.487	1.517	379.89	25.165	4.931
%RSD	2.552936	.0713923	1.153297	.3096295	.1618584

#1	1398.715	2126.129	32572.36	8098.741	3052.016
#2	1469.650	2125.961	33331.05	8138.637	3045.184
#3	1419.345	2123.421	32916.25	8145.262	3042.441

Sample Name: K3217-06 Acquired: 06/17/2019 18:08:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.682465	.0691191	1.234712	-.032449	.0482957	46.80109	1.370576
Stddev	.019010	.0031466	.000995	.001332	.0014762	.07560	.003290
%RSD	.3345304	4.552375	.0806030	4.104674	3.056508	.1615314	.2400712

#1	5.673906	.0655172	1.235846	-.033217	.0471523	46.71465	1.369156
#2	5.669240	.0713328	1.234309	-.030911	.0477727	46.85485	1.374338
#3	5.704250	.0705073	1.233982	-.033220	.0499622	46.83377	1.368235

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094124	.0138156	15.39485	.0091589	.1311248	.7507679	170.1478
Stddev	.0003264	.0001051	.02843	.0005602	.0004466	.0025179	.4280
%RSD	3.467980	.7603820	.1846839	6.117060	.3405735	.3353755	.2515673

#1	.0095960	.0137895	15.38721	.0085530	.1313126	.7530879	170.2315
#2	.0096057	.0137260	15.42632	.0092653	.1306150	.7511254	170.5279
#3	.0090355	.0139312	15.37101	.0096583	.1314468	.7480903	169.6841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.619310	14.62798	.0685494	-.007589	-.185786	.1406065	1.134889
Stddev	.015281	.13745	.0002612	.000545	.320349	.0029445	.004602
%RSD	.2719317	.9396215	.3810287	7.181245	172.4290	2.094127	.4054979

#1	5.624833	14.51259	.0685731	-.007738	-.392830	.1439508	1.134260
#2	5.631062	14.78005	.0682772	-.008045	.183204	.1384038	1.139774
#3	5.602036	14.59132	.0687979	-.006985	-.347732	.1394647	1.130635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53229	4.337491	-.085435	.1483141	4.915669	1.825576	.0097132
Stddev	.07429	.014217	.002351	.0004364	.011603	.018677	.0005250
%RSD	.4782878	.3277670	2.752279	.2942393	.2360367	1.023079	5.405079

#1	15.57164	4.351475	-.088024	.1478698	4.920943	1.844375	.0101145
#2	15.57862	4.323052	-.084850	.1483302	4.902366	1.825329	.0099060
#3	15.44660	4.337946	-.083432	.1487422	4.923698	1.807024	.0091190

Sample Name: K3217-06 Acquired: 06/17/2019 18:08:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.289450	.0486206	.1731003
Stddev	.007661	.0004751	.0004199
%RSD	.3346410	.9772095	.2425779

#1	2.280608	.0483738	.1726923
#2	2.293624	.0491683	.1735312
#3	2.294119	.0483197	.1730776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1570.196	2314.372	36202.80	8812.639	3067.542
Stddev	13.136	1.588	165.33	38.497	.515
%RSD	.8365745	.0686296	.4566759	.4368392	.0168041

#1	1557.859	2316.205	36059.53	8783.061	3067.918
#2	1568.721	2313.516	36165.17	8798.691	3066.954
#3	1584.007	2313.396	36383.70	8856.166	3067.754

Sample Name: K3217-20LX5 Acquired: 06/17/2019 18:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BR0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902691	.0032455	.1157620	-.007918	-.001950	11.01986	.2325902
Stddev	.0010554	.0004037	.0029391	.000751	.001073	.04733	.0004977
%RSD	1.169213	12.43742	2.538927	9.485455	55.01447	.4294908	.2139733

#1	.0890603	.0029894	.1148588	-.007296	-.000849	11.07429	.2324320
#2	.0910079	.0030363	.1133805	-.007706	-.002009	10.98836	.2331478
#3	.0907392	.0037108	.1190467	-.008753	-.002992	10.99695	.2321910

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022708	.0031609	4.530106	.0020296	.0096825	.4039373	15.86381
Stddev	.0000661	.0000622	.034014	.0008820	.0001161	.0009779	.14205
%RSD	2.909925	1.967504	.7508424	43.45618	1.198599	.2420949	.8954493

#1	.0022043	.0031974	4.536357	.0011537	.0096568	.4043989	15.70136
#2	.0023364	.0030891	4.560562	.0029175	.0095815	.4045989	15.96470
#3	.0022716	.0031961	4.493401	.0020176	.0098093	.4028140	15.92537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.116539	4.834173	.0076794	.0034974	-.164126	.0365384	.2839789
Stddev	.014714	.052450	.0003157	.0002380	.189440	.0012490	.0105209
%RSD	.2875790	1.084983	4.111494	6.805042	115.4235	3.418333	3.704801

#1	5.107086	4.782000	.0076862	.0036523	.037751	.0369717	.2938154
#2	5.133492	4.886896	.0073603	.0036164	-.338016	.0375131	.2852348
#3	5.109039	4.833622	.0079917	.0032233	-.192113	.0351305	.2728865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.171569	.5575776	-.014791	.0041367	.1116071	.3087834	.0016192
Stddev	.024357	.0035869	.000695	.0001708	.0031988	.0077260	.0009728
%RSD	.7679814	.6432992	4.696680	4.129537	2.866107	2.502090	60.07930

#1	3.169106	.5536513	-.014977	.0042918	.1105433	.3078733	.0017140
#2	3.197064	.5606827	-.014023	.0039536	.1090757	.3169242	.0025412
#3	3.148537	.5583989	-.015374	.0041645	.1152022	.3015527	.0006025

Sample Name: K3217-20LX5 Acquired: 06/17/2019 18:28:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BR0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3512381	.0058038	.0406304
Stddev	.0039108	.0008557	.0001109
%RSD	1.113430	14.74286	.2729656

#1	.3538136	.0048244	.0407269
#2	.3467380	.0064061	.0405092
#3	.3531627	.0061809	.0406552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.275	2084.022	32102.56	7835.938	3167.675
Stddev	18.339	2.668	44.23	11.166	4.694
%RSD	1.308742	.1280091	.1377859	.1424952	.1481729

#1	1381.649	2082.566	32052.71	7847.654	3165.278
#2	1404.201	2082.399	32117.85	7825.419	3164.665
#3	1417.975	2087.101	32137.13	7834.740	3173.084

Sample Name: CCV090 Acquired: 06/17/2019 18:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.212911	5.250331	26.00403	4.958201	5.201435	404.2240
Stddev	.006518	.002969	.02311	.021312	.019106	.9857
%RSD	.1250265	.0565499	.0888765	.4298323	.3673195	.2438423

#1	5.210254	5.252974	25.97735	4.934885	5.189448	403.4687
#2	5.208141	5.247119	26.01802	4.976677	5.223468	403.8643
#3	5.220337	5.250901	26.01671	4.963040	5.191389	405.3390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75800	.5277084	2.532934	409.0602	16.05771	2.643361
Stddev	.03843	.0041325	.002762	.5839	.04823	.002091
%RSD	.3572419	.7830970	.1090620	.1427436	.3003404	.0790863

#1	10.80007	.5253514	2.530320	409.5747	16.10900	2.641235
#2	10.74921	.5324801	2.532659	409.1803	16.05084	2.645414
#3	10.72473	.5252938	2.535824	408.4256	16.01328	2.643433

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.05067	395.2790	16.15526	399.7695	2.626450	1.341341
Stddev	.02594	.8054	.05912	.7199	.001904	.002795
%RSD	.1616321	.2037498	.3659501	.1800794	.0724917	.2083601

#1	16.04344	395.8118	16.21322	400.1086	2.624457	1.338115
#2	16.02911	395.6726	16.15753	400.2573	2.626643	1.342882
#3	16.07946	394.3525	16.09504	398.9427	2.628250	1.343025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.4452	2.652672	15.87001	162.6601	F 5.517817	5.178167
Stddev	1.8959	.012066	.19671	.4439	.021487	.023326
%RSD	.4653119	.4548523	1.239501	.2728770	.3894192	.4504708

#1	408.9761	2.662841	15.75486	162.2957	5.536009	5.168848
#2	408.0349	2.655834	15.75803	162.5303	5.494109	5.204712
#3	405.3245	2.639340	16.09714	163.1544	5.523333	5.160940

Sample Name: CCV090 Acquired: 06/17/2019 18:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042391	5.084009	5.406251	5.216902	5.191437	5.227812
Stddev	.010686	.009117	.033972	.008473	.020159	.005617
%RSD	.2119177	.1793263	.6283817	.1624105	.3883174	.1074504

#1	5.032075	5.083339	5.401527	5.207164	5.168713	5.233354
#2	5.053412	5.075245	5.442338	5.220962	5.198428	5.227958
#3	5.041686	5.093442	5.374889	5.222581	5.207170	5.222123

Elem	Sr4077
Units	ppm
Avg	5.305548
Stddev	.032574
%RSD	.6139668

#1	5.294731
#2	5.342154
#3	5.279757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.162	1575.504	26666.58	6800.453	2443.671
Stddev	6.058	4.106	51.66	29.487	3.976
%RSD	.5496152	.2606389	.1937337	.4336064	.1627081

#1	1104.300	1574.673	26647.07	6791.842	2440.274
#2	1106.862	1571.876	26725.16	6776.229	2442.695
#3	1095.326	1579.962	26627.52	6833.287	2448.045

Sample Name: K3217-10 Acquired: 06/17/2019 18:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7392229	.0470784	4.684212	-.060742	.0976874	84.69449
Stddev	.0044146	.0046300	.016877	.001810	.0003964	.25039
%RSD	.5971970	9.834669	.3602896	2.979492	.4058065	.2956425

#1	.7442340	.0422291	4.673083	-.058654	.0975500	84.47801
#2	.7375269	.0475536	4.675922	-.061858	.0981343	84.63675
#3	.7359078	.0514524	4.703630	-.061714	.0973780	84.96871

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.375281	.0082786	.0235372	25.94050	.0246083	.1685046
Stddev	.002713	.0000516	.0000550	.12093	.0002080	.0002865
%RSD	.1972718	.6237966	.2334547	.4661751	.8451309	.1700021

#1	1.372634	.0083333	.0236006	25.80713	.0245186	.1684611
#2	1.375152	.0082307	.0235037	25.97134	.0248461	.1688103
#3	1.378056	.0082718	.0235071	26.04302	.0244602	.1682423

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.823381	320.1018	F 56.37313	70.04735	.0724150	.1546829
Stddev	.003748	1.4191	.41183	.30582	.0009021	.0010430
%RSD	.2055285	.4433286	.7305503	.4365853	1.245772	.6742565

#1	1.819945	318.4688	55.89885	69.70719	.0719851	.1535010
#2	1.822820	321.0359	56.58016	70.29955	.0718083	.1554741
#3	1.827377	320.8006	56.64036	70.13529	.0734517	.1550736

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.339500	.5372760	5.047695	66.57573	F 11.25575	-.140968
Stddev	.127460	.0055795	.010709	.15568	.08209	.004626
%RSD	37.54345	1.038478	.2121580	.2338450	.7293494	3.281262

#1	-.290178	.5315673	5.039716	66.62239	11.20636	-.144012
#2	-.484252	.5427166	5.059866	66.40205	11.21037	-.135645
#3	-.244072	.5375442	5.043503	66.70275	11.35051	-.143245

Sample Name: K3217-10 Acquired: 06/17/2019 18:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943763	31.44419	1.104708	.0315669	13.95953	.1347245
Stddev	.0003043	.30820	.014312	.0004755	.04547	.0003929
%RSD	.3223774	.9801399	1.295552	1.506329	.3257541	.2916329

#1	.0940535	31.17030	1.105335	.0314623	13.92867	.1350518
#2	.0946578	31.38434	1.090094	.0320860	13.93817	.1348329
#3	.0944175	31.77792	1.118697	.0311524	14.01175	.1342888

Elem	Sr4077
Units	ppm
Avg	.1152547
Stddev	.0003771
%RSD	.3272170

#1	.1148841
#2	.1152420
#3	.1156380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.266	2570.144	40340.29	9948.592	2917.008
Stddev	4.843	8.320	83.60	54.492	4.564
%RSD	.2766764	.3237175	.2072249	.5477403	.1564553

#1	1755.732	2561.742	40425.29	9959.960	2913.095
#2	1746.511	2570.309	40258.17	9996.504	2915.907
#3	1748.555	2578.380	40337.39	9889.312	2922.021

Sample Name: CCB090 Acquired: 06/17/2019 18:36:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028225	.0021148	-.000323	-.002714	-.003047	.0182242	.0000018
Stddev	.0019358	.0007097	.001492	.002561	.000541	.0059597	.0002697
%RSD	68.58509	33.55619	461.9570	94.35497	17.76752	32.70237	15286.65

#1	.0017090	.0021942	-.000949	-.000052	-.002550	.0248318	-.000264
#2	.0050577	.0027814	-.001399	-.005159	-.003624	.0132552	-.000006
#3	.0017006	.0013688	.001380	-.002930	-.002967	.0165856	.000275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001221	-.000127	.0166952	.0003141	.0009432	.0030093	.0097848
Stddev	.0000197	.000029	.0022021	.0002061	.0000579	.0026313	.0074216
%RSD	16.10222	22.60471	13.18993	65.60787	6.140672	87.43987	75.84790

#1	.0001097	-.000099	.0192039	.0003073	.0008813	.0035675	.0183124
#2	.0001448	-.000125	.0150820	.0005236	.0009522	.0053168	.0047856
#3	.0001119	-.000156	.0157996	.0001116	.0009960	.0001437	.0062566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014530	.0302720	.0017502	.0008279	-.185420	-.000568	-.001355
Stddev	.0002068	.0265226	.0003613	.0004808	.225965	.001226	.001810
%RSD	14.23031	87.61446	20.64100	58.07168	121.8666	215.6428	133.5728

#1	.0014951	.0027050	.0021499	.0004158	-.003821	-.001670	-.000518
#2	.0012285	.0556095	.0016536	.0013561	-.438474	.000752	-.000115
#3	.0016355	.0325013	.0014470	.0007118	-.113965	-.000787	-.003432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.355465	-.002690	.0000384	.0001737	-.006852	-.000225	-.000142
Stddev	.056092	.001278	.0013598	.0001001	.004223	.000816	.000266
%RSD	15.77995	47.49786	3543.502	57.63677	61.63674	362.9899	187.5786

#1	-.401955	-.002227	.0011135	.0001997	-.011684	.000512	.000162
#2	-.371277	-.001709	.0004919	.0002582	-.005002	-.000085	-.000332
#3	-.293164	-.004135	-.001490	.0000631	-.003869	-.001101	-.000254

Sample Name: CCB090 Acquired: 06/17/2019 18:36:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029863	-.002241	.0001641
Stddev	.0007218	.001328	.0000690
%RSD	24.17046	59.26466	42.02607

#1	.0037716	-.003739	.0002263
#2	.0028354	-.001778	.0001761
#3	.0023518	-.001207	.0000899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.203	1969.356	30543.56	7386.223	3179.676
Stddev	15.819	1.186	284.94	24.795	2.489
%RSD	1.182999	.0602260	.9328849	.3356916	.0782871

#1	1323.385	1970.675	30299.34	7376.480	3182.529
#2	1354.458	1969.016	30856.61	7414.410	3178.553
#3	1333.766	1968.377	30474.75	7367.780	3177.946

Sample Name: K3217-11 Acquired: 06/17/2019 18:45:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.148178	.0475141	9.956963	-.047984	.1904102	48.96071
Stddev	.002904	.0006932	.008922	.000800	.0007348	.03994
%RSD	.2529621	1.458832	.0896062	1.666980	.3858796	.0815707

#1	1.145594	.0481891	9.947136	-.047154	.1902226	48.95066
#2	1.147617	.0475492	9.964556	-.048047	.1912206	49.00471
#3	1.151322	.0468041	9.959196	-.048750	.1897875	48.92675

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6896401	.0069007	.0400259	23.55413	-.007721	.1848342
Stddev	.0060740	.0001307	.0001266	.13706	.000609	.0010039
%RSD	.8807430	1.893801	.3162966	.5818764	7.884865	.5431225

#1	.6881545	.0067756	.0399983	23.53440	-.007334	.1842203
#2	.6844469	.0070363	.0401640	23.42800	-.007406	.1842895
#3	.6963191	.0068900	.0399153	23.69998	-.008423	.1859927

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.544689	302.7929	F 61.65725	27.38468	.0817403	.5486747
Stddev	.008793	2.8863	.41683	.27191	.0004334	.0010091
%RSD	.1585869	.9532173	.6760455	.9929135	.5302221	.1839191

#1	5.553931	302.2500	61.62235	27.26726	.0819475	.5475626
#2	5.543710	300.2167	61.25896	27.19122	.0820311	.5489297
#3	5.536427	305.9122	62.09043	27.69557	.0812421	.5495319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.775625	.2640576	5.046536	23.63936	F 10.66327	-.134780
Stddev	.100462	.0060481	.019855	.11642	.01891	.010107
%RSD	12.95243	2.290442	.3934382	.4924860	.1773037	7.499194

#1	-.757989	.2666483	5.056335	23.52783	10.65642	-.141834
#2	-.685148	.2571457	5.023686	23.63014	10.64874	-.139305
#3	-.883737	.2683788	5.059587	23.76012	10.68464	-.123201

Sample Name: K3217-11 Acquired: 06/17/2019 18:45:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ1 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.089095	7.172575	1.127456	.0161873	4.139804	.0432355
Stddev	.002464	.008001	.002601	.0010099	.011547	.0001766
%RSD	.2262648	.1115549	.2306585	6.239071	.2789182	.4084925

#1	1.088850	7.163612	1.124903	.0173523	4.143398	.0432190
#2	1.086762	7.178997	1.130102	.0155585	4.149125	.0430678
#3	1.091673	7.175116	1.127362	.0156513	4.126887	.0434198

Elem	Sr4077
Units	ppm
Avg	.5546405
Stddev	.0012128
%RSD	.2186740

#1	.5547300
#2	.5533854
#3	.5558061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.031	2585.380	40424.73	9928.640	3007.112
Stddev	14.731	.900	101.90	38.499	3.596
%RSD	.8432230	.0347995	.2520721	.3877592	.1195925

#1	1736.277	2585.355	40413.95	9886.071	3007.234
#2	1763.822	2584.494	40531.59	9961.019	3003.457
#3	1740.995	2586.292	40328.65	9938.831	3010.646

Sample Name: K3217-12 Acquired: 06/17/2019 18:49:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629091	.0043698	.2344435	-.019572	.0013870	80.75246	7.506566
Stddev	.0022259	.0005537	.0024963	.008332	.0010765	.40474	.023893
%RSD	3.538342	12.67240	1.064763	42.57159	77.61212	.5012106	.3182940

#1	.0646795	.0037828	.2338170	-.020254	.0008586	80.28511	7.496123
#2	.0604102	.0048830	.2323201	-.010920	.0026255	80.98339	7.489672
#3	.0636376	.0044435	.2371933	-.027543	.0006768	80.98886	7.533902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049951	.0046818	165.2706	.1916724	.1421896	.2706949	71.74162
Stddev	.0000681	.0000349	.9657	.0009031	.0004595	.0014832	.73524
%RSD	1.363403	.7461884	.5842980	.4711674	.3231911	.5479237	1.024838

#1	.0049550	.0046819	164.8641	.1921742	.1417466	.2696829	71.77969
#2	.0050738	.0046468	164.5747	.1906298	.1421581	.2700044	70.98809
#3	.0049565	.0047167	166.3731	.1922131	.1426641	.2723975	72.45708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.605884	32.98349	.2329638	-.001580	.5999815	.1448389	.3417924
Stddev	.029962	.36145	.0007403	.000209	.3351938	.0015324	.0081869
%RSD	.5344741	1.095862	.3177573	13.24354	55.86735	1.058018	2.395278

#1	5.599149	32.94877	.2331504	-.001612	.8974563	.1449777	.3369846
#2	5.579863	32.64064	.2321481	-.001356	.6656886	.1432418	.3512453
#3	5.638641	33.36105	.2335929	-.001771	.2367997	.1462972	.3371472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.37207	4.670155	-.023052	.0011680	.9759809	1.724261	.0024736
Stddev	.15840	.007651	.002432	.0003027	.0127390	.008351	.0010331
%RSD	.4478047	.1638342	10.54797	25.91359	1.305249	.4843049	41.76389

#1	35.21723	4.678347	-.022677	.0009535	.9895327	1.723908	.0021897
#2	35.53380	4.663193	-.025649	.0015141	.9642508	1.716092	.0036190
#3	35.36518	4.668926	-.020830	.0010363	.9741593	1.732782	.0016122

Sample Name: K3217-12 Acquired: 06/17/2019 18:49:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4739378	.0182937	2.641235
Stddev	.0026710	.0009347	.009108
%RSD	.5635733	5.109426	.3448512

#1	.4709800	.0190628	2.631117
#2	.4761734	.0185650	2.643806
#3	.4746601	.0172534	2.648781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.197	2099.390	32818.86	8184.058	2927.974
Stddev	2.352	1.640	129.07	72.610	1.921
%RSD	.1642429	.0781318	.3932853	.8872081	.0656186

#1	1432.022	2101.260	32859.69	8163.437	2925.830
#2	1429.937	2098.193	32922.57	8264.748	2929.539
#3	1434.632	2098.718	32674.31	8123.990	2928.553

Sample Name: K3217-13 Acquired: 06/17/2019 18:53:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597038	.0063983	.2422635	-.019742	.0005726	89.83636	8.784114
Stddev	.0027428	.0019053	.0001384	.000601	.0019571	.43402	.013185
%RSD	4.594021	29.77868	.0571141	3.043246	341.7636	.4831262	.1501008

#1	.0585837	.0085901	.2421135	-.020219	-.001139	90.09756	8.770411
#2	.0628294	.0051371	.2423861	-.019067	.002706	89.33534	8.785220
#3	.0576983	.0054678	.2422909	-.019939	.000150	90.07617	8.796711

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056086	.0042165	187.7168	.2105399	.1107009	.2766657	78.01111
Stddev	.0000660	.0001751	.4710	.0007998	.0008918	.0019453	.39070
%RSD	1.176566	4.153360	.2509175	.3798673	.8055876	.7031282	.5008228

#1	.0055382	.0043992	187.2707	.2096318	.1106115	.2782003	77.56439
#2	.0056187	.0040501	187.6705	.2108487	.1098571	.2773191	78.17998
#3	.0056690	.0042001	188.2093	.2111393	.1116340	.2744779	78.28898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.868524	35.04322	.2575108	-.001763	.7451431	.1673165	.3659183
Stddev	.008210	.18220	.0006153	.000013	.1693499	.0034897	.0094317
%RSD	.1399040	.5199279	.2389609	.7438253	22.72716	2.085698	2.577536

#1	5.859071	34.85323	.2569366	-.001750	.7862243	.1651803	.3744119
#2	5.872630	35.05993	.2574354	-.001765	.8901731	.1713436	.3675750
#3	5.873872	35.21648	.2581604	-.001776	.5590319	.1654256	.3557681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.66357	5.392351	-.025641	.0022073	1.241037	1.963530	.0041594
Stddev	.23396	.007326	.002217	.0002070	.012166	.015862	.0004963
%RSD	.5898581	.1358616	8.645559	9.378678	.9802931	.8078205	11.93310

#1	39.90773	5.399157	-.026693	.0021091	1.239059	1.969639	.0037414
#2	39.44136	5.384597	-.023095	.0024451	1.229981	1.945522	.0047080
#3	39.64162	5.393299	-.027136	.0020677	1.254070	1.975429	.0040288

Sample Name: K3217-13 Acquired: 06/17/2019 18:53:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5308728	.0215614	2.803377
Stddev	.0030177	.0017353	.002852
%RSD	.5684361	8.048101	.1017266

#1	.5334376	.0230578	2.802505
#2	.5275477	.0219673	2.801063
#3	.5316332	.0196592	2.806563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.733	2125.935	33347.25	8342.336	2912.183
Stddev	34.244	2.836	348.58	32.053	3.617
%RSD	2.353953	.1334017	1.045302	.3842173	.1242164

#1	1427.822	2129.098	33045.95	8318.225	2915.061
#2	1443.098	2125.088	33266.77	8378.710	2913.365
#3	1493.278	2123.618	33729.03	8330.074	2908.122

Sample Name: K3217-14 Acquired: 06/17/2019 18:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.89741	.0166964	1.131931	-.042631	.0108423	41.09311
Stddev	.02214	.0010007	.002854	.001028	.0021464	.14709
%RSD	.1716954	5.993475	.2521687	2.412479	19.79647	.3579367

#1	12.87675	.0173070	1.129152	-.041444	.0117994	40.98100
#2	12.92079	.0172406	1.131786	-.043192	.0123437	41.25965
#3	12.89468	.0155415	1.134855	-.043258	.0083839	41.03867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.082521	.0036996	.0060935	22.92667	-.002174	.0454404
Stddev	.002801	.0000256	.0001544	.03876	.000109	.0002670
%RSD	.2587222	.6905030	2.534743	.1690496	5.026128	.5874907

#1	1.085502	.0037072	.0059257	22.96371	-.002254	.0453968
#2	1.079944	.0036712	.0062298	22.92991	-.002220	.0451980
#3	1.082117	.0037206	.0061248	22.88639	-.002050	.0457265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915689	240.1878	1.795356	20.12870	.0341807	-.010027
Stddev	.0008213	.2392	.003342	.03145	.0005173	.000193
%RSD	.2816651	.0995710	.1861444	.1562634	1.513368	1.926860

#1	.2910587	240.3329	1.799214	20.12520	.0340726	-.009815
#2	.2925162	239.9117	1.793372	20.16175	.0337260	-.010075
#3	.2911317	240.3186	1.793481	20.09914	.0347435	-.010192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758306	.2199470	.2970577	28.07233	9.137651	-.110945
Stddev	.092030	.0032383	.0019750	.07772	.035547	.002131
%RSD	5.233997	1.472304	.6648506	.2768711	.3890125	1.920646

#1	1.653109	.2196139	.2982847	28.06349	9.133661	-.110721
#2	1.797880	.2168882	.2981088	28.15410	9.104268	-.113179
#3	1.823929	.2233390	.2947794	27.99941	9.175025	-.108935

Sample Name: K3217-14 Acquired: 06/17/2019 18:57:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358319	39.59541	1.176104	.0126404	4.752469	.0440793
Stddev	.0002714	.15764	.005191	.0004659	.021300	.0009906
%RSD	.7574582	.3981292	.4413629	3.686057	.4481866	2.247346
#1	.0356940	39.56697	1.180575	.0131671	4.739610	.0449158
#2	.0356571	39.45392	1.177326	.0124720	4.777055	.0429854
#3	.0361446	39.76533	1.170411	.0122821	4.740742	.0443367

Elem	Sr4077
Units	ppm
Avg	.6249279
Stddev	.0012416
%RSD	.1986781
#1	.6241513
#2	.6263598
#3	.6242724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.025	2230.779	35125.97	8481.278	3057.345
Stddev	10.926	3.635	305.27	37.605	2.181
%RSD	.7108631	.1629411	.8690753	.4433906	.0713339
#1	1525.822	2229.728	34787.60	8441.360	3058.685
#2	1537.602	2227.785	35209.60	8486.433	3058.522
#3	1547.651	2234.823	35380.71	8516.039	3054.828

Sample Name: K3217-15 Acquired: 06/17/2019 19:01:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422357	.0029647	.0860172	-.015468	.0003763	82.02358	1.254794
Stddev	.0026754	.0014491	.0004565	.001027	.0011409	.24875	.003522
%RSD	6.334441	48.87860	.5306471	6.636840	303.1523	.3032623	.2806919

#1	.0452612	.0035651	.0856853	-.014338	.0009022	81.74872	1.252904
#2	.0401823	.0013119	.0865377	-.016344	.0011594	82.08880	1.252620
#3	.0412635	.0040171	.0858286	-.015721	-.000933	82.23322	1.258857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159983	.0023082	75.26159	.2088816	.0827547	.1287359	87.03055
Stddev	.0000434	.0001837	.17246	.0002303	.0003025	.0009165	.32517
%RSD	.2711439	7.960059	.2291497	.1102749	.3654742	.7119418	.3736278

#1	.0159684	.0022071	75.07672	.2090371	.0829452	.1277313	86.72800
#2	.0159786	.0025202	75.28992	.2089908	.0829129	.1295264	87.37440
#3	.0160481	.0021972	75.41814	.2086170	.0824060	.1289499	86.98925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268681	25.85877	.1952586	-.005088	7.969150	.1565576	.1616494
Stddev	.005163	.12566	.0004139	.000620	.293075	.0005852	.0017869
%RSD	.2275859	.4859343	.2119577	12.19602	3.677617	.3738166	1.105432

#1	2.263430	25.74236	.1951422	-.005654	7.648385	.1567252	.1629886
#2	2.268861	25.99198	.1957182	-.004424	8.036124	.1559068	.1596204
#3	2.273752	25.84198	.1949154	-.005185	8.222942	.1570407	.1623391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.967538	4.527569	-.042409	.0003284	.0884938	1.815035	.0008268
Stddev	.048487	.007009	.002226	.0001176	.0034578	.012950	.0013233
%RSD	.4864503	.1548039	5.249140	35.81996	3.907403	.7134699	160.0538

#1	9.967293	4.533980	-.041980	.0003111	.0915500	1.819389	-.000645
#2	9.919174	4.520086	-.044818	.0002203	.0847406	1.825248	.001917
#3	10.01615	4.528643	-.040429	.0004537	.0891910	1.800470	.001209

Sample Name: K3217-15 Acquired: 06/17/2019 19:01:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1237016	.0165568	.6774052
Stddev	.0009670	.0014375	.0017708
%RSD	.7817005	8.682320	.2614102

#1	.1247045	.0175875	.6762550
#2	.1227750	.0171683	.6765162
#3	.1236252	.0149147	.6794444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.239	2053.579	32190.25	7917.402	3001.520
Stddev	17.016	2.725	211.85	41.752	3.272
%RSD	1.207436	.1327020	.6581169	.5273474	.1090059

#1	1389.910	2056.615	31969.21	7904.339	3003.076
#2	1421.956	2051.346	32391.52	7883.742	2997.760
#3	1415.852	2052.775	32210.02	7964.123	3003.723

Sample Name: K3217-16 Acquired: 06/17/2019 19:05:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8593031	.0015046	.2722642	-.016552	.0008810	22.95973	.2481246
Stddev	.0018445	.0027694	.0022014	.001928	.0010696	.07941	.0010743
%RSD	.2146469	184.0701	.8085615	11.64705	121.4041	.3458843	.4329849

#1	.8577376	.0041110	.2712552	-.015486	-.000139	22.86975	.2486402
#2	.8588354	.0018058	.2707482	-.015393	.000788	23.02004	.2488439
#3	.8613364	-.001403	.2747893	-.018778	.001994	22.98939	.2468896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039352	.0111165	10.19628	-.000211	.0239525	.6698834	63.28785
Stddev	.0000735	.0000277	.03414	.000547	.0002527	.0024343	.17223
%RSD	1.869074	.2493638	.3348181	259.4004	1.055089	.3633932	.2721301

#1	.0040011	.0111475	10.20622	-.000404	.0236694	.6679593	63.46776
#2	.0039488	.0111078	10.22435	-.000634	.0240326	.6726200	63.27130
#3	.0038559	.0110942	10.15827	.000406	.0241555	.6690709	63.12450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.965087	8.122187	.0161095	-.002846	-.059177	.0416261	.6051339
Stddev	.003217	.031266	.0001555	.000104	.193904	.0020154	.0032683
%RSD	.1637238	.3849460	.9654845	3.643235	327.6654	4.841800	.5400976

#1	1.965151	8.146491	.0159370	-.002811	-.216011	.0438179	.6049736
#2	1.968271	8.133155	.0162391	-.002962	-.119149	.0412075	.6084794
#3	1.961837	8.086914	.0161524	-.002764	.157627	.0398527	.6019486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.859086	2.725141	-.031927	.0447608	3.242713	.8924969	.0044333
Stddev	.033339	.003617	.001583	.0001572	.012815	.0103657	.0009275
%RSD	.4242060	.1327166	4.959689	.3512837	.3952037	1.161425	20.92134

#1	7.892765	2.720965	-.033231	.0446237	3.240077	.9044195	.0042087
#2	7.826098	2.727186	-.030165	.0447261	3.231421	.8856207	.0036388
#3	7.858394	2.727271	-.032384	.0449324	3.256642	.8874505	.0054525

Sample Name: K3217-16 Acquired: 06/17/2019 19:05:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7388323	.0135705	.1320574
Stddev	.0024011	.0002724	.0001967
%RSD	.3249927	2.007254	.1489701

#1	.7376094	.0138114	.1319069
#2	.7415987	.0136252	.1322800
#3	.7372888	.0132749	.1319853

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.863	2796.544	44184.24	10668.56	3130.210
Stddev	14.519	5.267	272.78	45.44	2.040
%RSD	.7558750	.1883389	.6173711	.4259472	.0651772

#1	1913.124	2796.347	44302.89	10624.15	3128.300
#2	1911.853	2791.378	43872.23	10666.56	3129.972
#3	1937.612	2801.906	44377.60	10714.97	3132.359

Sample Name: K3217-18 Acquired: 06/17/2019 19:13:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219144	.0054830	.1224525	-.020154	-.000744	56.84106	.6555126
Stddev	.0026382	.0014567	.0013485	.002023	.001106	.07883	.0032125
%RSD	2.163999	26.56796	1.101248	10.03957	148.6060	.1386768	.4900770

#1	.1249250	.0070752	.1211438	-.019657	-.001866	56.91410	.6535009
#2	.1200059	.0051567	.1223761	-.018426	-.000711	56.75751	.6592175
#3	.1208125	.0042171	.1238376	-.022380	.000345	56.85157	.6538192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077213	.0059178	32.72543	.0157250	.0624090	.2150617	79.50118
Stddev	.0000378	.0000828	.10355	.0001340	.0003251	.0005062	.57383
%RSD	.4893013	1.399396	.3164122	.8521079	.5208484	.2353720	.7217936

#1	.0076897	.0059234	32.65350	.0157468	.0625947	.2150218	78.94145
#2	.0077110	.0058324	32.84411	.0158468	.0620336	.2145767	80.08814
#3	.0077631	.0059977	32.67867	.0155815	.0625985	.2155867	79.47394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.394912	29.15811	.0542663	-.004829	-.056844	.1338424	.3183018
Stddev	.024292	.27736	.0002939	.000094	.234609	.0007638	.0015046
%RSD	.5527320	.9512381	.5416382	1.951905	412.7280	.5706394	.4726859

#1	4.369149	28.90460	.0539346	-.004860	.081372	.1345276	.3194005
#2	4.417401	29.45436	.0544945	-.004904	-.327728	.1330190	.3165870
#3	4.398185	29.11538	.0543699	-.004723	.075826	.1339806	.3189180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.32783	3.906607	-.039534	.0011186	.5736211	1.436267	.0087841
Stddev	.05831	.012139	.001365	.0000701	.0087794	.003267	.0014738
%RSD	.2302041	.3107287	3.453406	6.269912	1.530519	.2274973	16.77847

#1	25.29767	3.896705	-.040837	.0011214	.5643269	1.432600	.0076281
#2	25.39504	3.902966	-.039653	.0011873	.5817741	1.438869	.0082804
#3	25.29079	3.920150	-.038114	.0010471	.5747623	1.437333	.0104438

Sample Name: K3217-18 Acquired: 06/17/2019 19:13:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BQ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.516553	.0969442	.1474292
Stddev	.003706	.0014249	.0002475
%RSD	.1472609	1.469844	.1678684

#1	2.520716	.0977041	.1472232
#2	2.515327	.0978281	.1477038
#3	2.513615	.0953004	.1473607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.927	2465.207	38513.25	9451.206	3061.252
Stddev	8.265	.635	149.43	24.888	1.562
%RSD	.4931883	.0257601	.3879958	.2633364	.0510268

#1	1667.141	2464.843	38353.99	9427.498	3062.788
#2	1677.094	2464.837	38535.38	9448.991	3061.302
#3	1683.548	2465.940	38650.38	9477.127	3059.665

Sample Name: K3217-19 Acquired: 06/17/2019 19:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7662340	.0619437	3.087475	-.060195	.0139291	36.42211	.5704965
Stddev	.0065171	.0018948	.008810	.003325	.0011977	.16397	.0013066
%RSD	.8505412	3.058910	.2853504	5.523202	8.598735	.4502026	.2290318

#1	.7595498	.0620422	3.087818	-.063918	.0145135	36.54811	.5689924
#2	.7725701	.0637874	3.078499	-.059146	.0147223	36.23672	.5713509
#3	.7665821	.0600016	3.096109	-.057522	.0125513	36.48150	.5711462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066125	.0127120	76.96966	-.012780	.0419388	.7464292	335.8557
Stddev	.0001575	.0000974	.11055	.000171	.0000448	.0051080	2.5549
%RSD	2.381243	.7664525	.1436304	1.341704	.1068205	.6843307	.7607165

#1	.0067931	.0128109	76.85549	-.012584	.0419745	.7510199	333.1278
#2	.0065410	.0126161	77.07620	-.012902	.0418886	.7409266	338.1925
#3	.0065035	.0127092	76.97730	-.012855	.0419534	.7473410	336.2468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89917	18.31944	.0325539	.2305633	-.420801	.2012423	2.246152
Stddev	.02532	.11913	.0002138	.0008162	.120165	.0012790	.022890
%RSD	.2127469	.6502839	.6567494	.3539864	28.55628	.6355744	1.019061

#1	11.89130	18.18762	.0323932	.2304393	-.323557	.1997656	2.225793
#2	11.92748	18.41938	.0327965	.2314344	-.383707	.2019615	2.270928
#3	11.87872	18.35133	.0324720	.2298163	-.555140	.2019999	2.241735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.40826	8.675463	-.146594	.0709345	73.32122	1.048406	.0099915
Stddev	.12065	.012890	.012217	.0002827	.07895	.003942	.0006027
%RSD	.4402058	.1485742	8.333950	.3985431	.1076730	.3760180	6.031979

#1	27.54209	8.675727	-.160598	.0709917	73.37254	1.052907	.0102706
#2	27.30781	8.662444	-.138119	.0711842	73.23032	1.045571	.0104040
#3	27.37489	8.688219	-.141065	.0706275	73.36082	1.046739	.0092999

Sample Name: K3217-19 Acquired: 06/17/2019 19:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.253625	.0287875	.2422016
Stddev	.019148	.0014998	.0003508
%RSD	.4501577	5.209828	.1448344

#1	4.258946	.0271032	.2425454
#2	4.232380	.0292810	.2422150
#3	4.269550	.0299784	.2418442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.339	2215.600	34928.57	8537.683	3040.873
Stddev	19.617	2.727	217.30	11.042	11.773
%RSD	1.288588	.1230645	.6221338	.1293347	.3871570

#1	1540.401	2214.178	35179.01	8533.207	3031.724
#2	1501.470	2218.744	34816.69	8550.260	3054.156
#3	1525.144	2213.878	34790.00	8529.581	3036.741

Sample Name: CCV091 Acquired: 06/17/2019 19:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.257325	5.294223	26.21767	5.047596	5.248454	408.5136
Stddev	.020426	.009842	.03817	.016539	.003555	2.3590
%RSD	.3885295	.1858969	.1455998	.3276567	.0677378	.5774671

#1	5.252443	5.284270	26.17984	5.043804	5.245929	408.2094
#2	5.239782	5.294449	26.21701	5.065702	5.246914	406.3214
#3	5.279750	5.303950	26.25617	5.033283	5.252520	411.0100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84301	.5318950	2.567811	412.4449	16.18800	2.665093
Stddev	.03701	.0009207	.001272	1.2791	.02272	.001939
%RSD	.3413560	.1731046	.0495360	.3101199	.1403480	.0727486

#1	10.85208	.5316514	2.567652	411.8121	16.18881	2.664191
#2	10.87465	.5311206	2.566625	413.9171	16.21030	2.663770
#3	10.80230	.5329130	2.569154	411.6057	16.16488	2.667319

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.13325	399.5803	16.17383	403.7103	2.652935	1.351517
Stddev	.07423	2.7220	.04123	2.2271	.003908	.001665
%RSD	.4601337	.6812030	.2549309	.5516672	.1472897	.1232143

#1	16.12744	398.8896	16.14321	402.5655	2.648428	1.349725
#2	16.06209	402.5811	16.22072	406.2770	2.655363	1.353018
#3	16.21022	397.2703	16.15757	402.2883	2.655015	1.351808

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.6696	2.679886	15.96137	163.3213	F 5.592213	5.235844
Stddev	2.3779	.020711	.05531	.4336	.010674	.005239
%RSD	.5762230	.7728240	.3465201	.2654997	.1908799	.1000525

#1	412.3472	2.669928	15.95244	163.3433	5.603003	5.236248
#2	415.1922	2.703694	15.91107	162.8771	5.581658	5.230416
#3	410.4693	2.666035	16.02060	163.7435	5.591979	5.240870

Sample Name: CCV091 Acquired: 06/17/2019 19:21:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102279	5.191202	5.432642	5.276549	5.236359	5.275796
Stddev	.010114	.013464	.009302	.015231	.032271	.000607
%RSD	.1982255	.2593604	.1712186	.2886532	.6162908	.0115022

#1	5.097048	5.205166	5.430927	5.259400	5.238740	5.275910
#2	5.095853	5.190139	5.424317	5.281746	5.202964	5.276337
#3	5.113938	5.178301	5.442682	5.288501	5.267374	5.275140

Elem	Sr4077
Units	ppm
Avg	5.368399
Stddev	.074458
%RSD	1.386977

#1	5.340135
#2	5.312211
#3	5.452851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.979	1573.847	26641.56	6793.650	2440.980
Stddev	5.865	2.137	112.78	10.540	1.806
%RSD	.5317352	.1357783	.4233397	.1551386	.0739884

#1	1103.950	1576.217	26635.32	6805.709	2442.856
#2	1096.690	1573.256	26532.03	6786.200	2439.253
#3	1108.298	1572.068	26757.34	6789.040	2440.830

Sample Name: CCB091 Acquired: 06/17/2019 19:25:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB091 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017404	.0032628	.0001268	-.004322	-.002839	.0209184	.0000511
Stddev	.0042044	.0006760	.0004047	.001644	.000276	.0062035	.0003799
%RSD	241.5805	20.71905	319.0770	38.04783	9.733897	29.65580	743.4341

#1	-.001197	.0026661	-.000324	-.002454	-.002984	.0279480	.0004258
#2	-.000138	.0039970	.000458	-.005553	-.002521	.0185960	.0000612
#3	.006557	.0031253	.000247	-.004957	-.003013	.0162111	-.000334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001863	-.000067	.0184814	.0003669	.0010080	.0018632	.0165301
Stddev	.0000796	.000042	.0115122	.0001823	.0002267	.0019783	.0072027
%RSD	42.75240	62.55717	62.29068	49.69553	22.49457	106.1798	43.57356

#1	.0001349	-.000057	.0291367	.0004423	.0007507	.0041338	.0245920
#2	.0001460	-.000112	.0200368	.0004993	.0010945	.0005111	.0142694
#3	.0002780	-.000030	.0062705	.0001589	.0011787	.0009447	.0107289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011557	.0305587	.0013363	.0009988	.0760495	-.000726	-.003530
Stddev	.0003647	.0182450	.0000915	.0003705	.2365426	.002656	.000664
%RSD	31.55195	59.70503	6.843404	37.09863	311.0378	365.9811	18.82564

#1	.0011309	.0485318	.0014417	.0006036	.3302118	.002209	-.003955
#2	.0008041	.0310908	.0012888	.0013384	-.137654	-.002965	-.003869
#3	.0015321	.0120534	.0012785	.0010543	.035591	-.001421	-.002764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.436097	-.003913	.0016175	.0002923	-.005521	.0002486	-.000583
Stddev	.037694	.003389	.0003478	.0001725	.001368	.0006029	.000420
%RSD	8.643444	86.62120	21.50327	59.01035	24.78532	242.5116	71.95364

#1	-.469642	-.007659	.0019683	.0004823	-.005458	.0009415	-.000846
#2	-.443342	-.001059	.0016115	.0002488	-.006919	-.000157	-.000099
#3	-.395306	-.003020	.0012728	.0001457	-.004185	-.000039	-.000804

Sample Name: CCB091 Acquired: 06/17/2019 19:25:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v915) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB091 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019208	-.003038	.0001987
Stddev	.0004495	.001387	.0001298
%RSD	23.40251	45.65442	65.32017

#1	.0014430	-.001444	.0003083
#2	.0019840	-.003968	.0002324
#3	.0023353	-.003702	.0000554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.104	1959.455	30546.16	7351.767	3157.833
Stddev	10.631	6.131	87.63	42.713	11.243
%RSD	.7868419	.3128793	.2868835	.5809937	.3560434

#1	1343.819	1952.384	30463.75	7371.620	3144.907
#2	1346.190	1962.683	30536.50	7380.940	3163.248
#3	1363.303	1963.297	30638.22	7302.740	3165.345