

Sample Name: S0 Acquired: 04/18/2024 11:36:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00022	-.00023	-.00042	.00039	.00010	.00163	.00146	-.00090
Stddev	.00017	.00007	.00027	.00009	.00026	.00066	.00323	.00007
%RSD	78.928	31.786	63.640	21.884	248.81	40.610	220.88	7.5137

#1	-.00039	-.00029	-.00066	.00049	-.00019	.00224	-.00055	-.00087
#2	-.00004	-.00026	-.00013	.00038	.00020	.00172	-.00025	-.00085
#3	-.00023	-.00015	-.00047	.00031	.00031	.00093	.00519	-.00098

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	.00032	.00414	.00004	-.00027	.00216	.00003	-.00011	.00005
Stddev	.00020	.00033	.00006	.00004	.00029	.00016	.00017	.00011
%RSD	60.758	7.8621	145.84	14.800	13.515	577.28	156.61	228.49

#1	.00037	.00377	.00000	-.00025	.00184	-.00015	-.00012	.00016
#2	.00011	.00430	.00001	-.00032	.00240	.00006	.00006	.00005
#3	.00049	.00436	.00010	-.00024	.00223	.00017	-.00027	-.00006

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	.00004	-.00105	-.00091	.00017	.00047	.01701	-.00085	.00171
Stddev	.00009	.00003	.00064	.00024	.00056	.00140	.00008	.00029
%RSD	222.27	2.7482	69.974	141.07	117.91	8.2091	9.1430	17.196

#1	.00002	-.00102	-.00106	-.00007	.00067	.01591	-.00076	.00141
#2	.00014	-.00108	-.00021	.00017	-.00016	.01858	-.00091	.00173
#3	-.00003	-.00106	-.00146	.00042	.00090	.01655	-.00088	.00199

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	-.00019	.00030	.00844	.00035	.00241	.01171	.00061	
Stddev	.00007	.00004	.00005	.00002	.00028	.00052	.00048	
%RSD	38.005	14.578	.59192	5.2484	11.743	4.4079	79.483	

#1	-.00017	.00031	.00849	.00037	.00210	.01124	.00086	
#2	-.00026	.00033	.00843	.00034	.00249	.01226	.00005	
#3	-.00012	.00025	.00839	.00034	.00264	.01163	.00091	

Sample Name: S0 Acquired: 04/18/2024 11:36:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.9	48924.	5561.0	1420.3	2478.9
Stddev	1.6	115.	7.2	4.0	2.6
%RSD	.08015	.23511	.12877	.28175	.10342
#1	1952.1	48801.	5552.8	1415.8	2477.0
#2	1955.0	48945.	5564.3	1423.3	2481.8
#3	1954.7	49028.	5565.9	1421.8	2478.0

Sample Name: S1 Acquired: 04/18/2024 11:40:23 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00001	.00137	.00149	.00145	.00678	.01795	.80633	.02324
Stddev	.00014	.00016	.00029	.00001	.00014	.00083	.00130	.00074
%RSD	1148.1	11.631	19.668	.87479	2.1224	4.5999	.16131	3.1741
#1	.00003	.00136	.00176	.00146	.00688	.01757	.80535	.02404
#2	-.00013	.00153	.00152	.00143	.00685	.01890	.80781	.02258
#3	.00014	.00121	.00118	.00145	.00662	.01739	.80584	.02310
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	.01026	.31451	.00133	.03378	.00586	.00197	.00676	.03516
Stddev	.00028	.00086	.00002	.00015	.00032	.00009	.00014	.00030
%RSD	2.7218	.27265	1.4563	.43679	5.3945	4.6232	2.1301	.86143
#1	.01017	.31378	.00131	.03395	.00550	.00199	.00687	.03505
#2	.01004	.31545	.00135	.03372	.00608	.00205	.00682	.03493
#3	.01058	.31430	.00133	.03368	.00601	.00187	.00660	.03550
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	.02766	.00173	.02808	.00488	.00375	.13291	-.00076	.00579
Stddev	.00050	.00007	.00029	.00037	.00030	.00095	.00016	.00056
%RSD	1.8149	4.2065	1.0435	7.6288	7.9459	.71552	21.348	9.6808
#1	.02715	.00180	.02776	.00478	.00352	.13208	-.00094	.00552
#2	.02815	.00166	.02817	.00529	.00364	.13395	-.00063	.00644
#3	.02768	.00174	.02832	.00457	.00408	.13269	-.00070	.00543
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	.00503	.00196	.04994	.00097	.04560	.02941	.69451	
Stddev	.00013	.00006	.00035	.00011	.00016	.00159	.00229	
%RSD	2.6817	3.1167	.70240	11.429	.35460	5.4192	.32952	
#1	.00518	.00194	.05002	.00110	.04552	.02856	.69270	
#2	.00495	.00191	.05025	.00091	.04578	.03125	.69374	
#3	.00495	.00203	.04956	.00090	.04549	.02842	.69708	

Sample Name: S1 Acquired: 04/18/2024 11:40:23 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.4	48668.	5575.4	1416.9	2463.0
Stddev	3.7	34.	11.6	7.3	1.6
%RSD	.18801	.07077	.20786	.51189	.06381
#1	1950.3	48638.	5588.4	1423.3	2462.4
#2	1952.6	48706.	5566.0	1418.4	2464.8
#3	1945.4	48661.	5571.9	1409.0	2461.9

Sample Name: S2 Acquired: 04/18/2024 11:44:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.03612	.07520	1.1445	.03938	.13445	2.8789	9.6358	.55581
Stddev	.00018	.00021	.0054	.00026	.00076	.0185	.0317	.00338
%RSD	.49750	.27885	.47515	.67211	.56168	.64186	.32888	.60765
#1	.03597	.07530	1.1471	.03968	.13504	2.8996	9.6694	.55970
#2	.03632	.07534	1.1481	.03929	.13471	2.8729	9.6315	.55395
#3	.03607	.07496	1.1382	.03918	.13360	2.8641	9.6065	.55376
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	1.1824	3.6517	.46538	.41901	.49315	.67702	1.5512	.43542
Stddev	.0046	.0181	.00032	.00110	.00395	.00421	.0093	.00301
%RSD	.39143	.49598	.06918	.26324	.80120	.62159	.60205	.69108
#1	1.1866	3.6719	.46539	.41953	.49732	.68169	1.5619	.43837
#2	1.1832	3.6463	.46506	.41975	.49268	.67588	1.5470	.43553
#3	1.1774	3.6369	.46570	.41774	.48946	.67350	1.5448	.43235
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	.41568	.08310	.20344	.05641	.29183	.86070	.03991	.42630
Stddev	.00164	.00020	.00061	.00027	.00060	.00657	.00033	.00349
%RSD	.39346	.24142	.30047	.47325	.20405	.76385	.82307	.81894
#1	.41589	.08323	.20415	.05625	.29135	.86772	.04013	.43028
#2	.41720	.08287	.20313	.05672	.29250	.85968	.04006	.42372
#3	.41395	.08320	.20305	.05627	.29166	.85469	.03953	.42491
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	.59075	.02268	1.1391	.12047	.53729	1.3955	7.9766	
Stddev	.00096	.00016	.0083	.00027	.00326	.0036	.0624	
%RSD	.16267	.69277	.72552	.22395	.60671	.26013	.78215	
#1	.59131	.02263	1.1485	.12071	.54098	1.3995	8.0415	
#2	.59129	.02285	1.1328	.12018	.53610	1.3925	7.9710	
#3	.58964	.02254	1.1362	.12053	.53479	1.3944	7.9171	

Sample Name: S2 Acquired: 04/18/2024 11:44:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.5	46246.	5485.6	1342.9	2203.3
Stddev	3.8	90.	32.7	2.6	9.5
%RSD	.20421	.19377	.59532	.19524	.43307
#1	1847.4	46349.	5448.1	1342.8	2196.9
#2	1847.2	46206.	5501.1	1340.4	2198.6
#3	1853.9	46184.	5507.6	1345.6	2214.2

Sample Name: S3 Acquired: 04/18/2024 11:48:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.07375	.15032	2.3104	.07910	.27434	5.8145	19.360	1.1009
Stddev	.00021	.00069	.0085	.00001	.00045	.0165	.041	.0037
%RSD	.28078	.45646	.36888	.00728	.16367	.28371	.21185	.33461
#1	.07374	.15049	2.3077	.07910	.27454	5.7968	19.313	1.0967
#2	.07354	.14956	2.3035	.07911	.27383	5.8173	19.387	1.1034
#3	.07396	.15089	2.3199	.07910	.27465	5.8295	19.381	1.1027
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	2.3843	7.2625	.91694	.84877	.98248	1.3439	3.0659	.88141
Stddev	.0063	.0189	.00144	.00277	.00262	.0032	.0084	.00275
%RSD	.26431	.26058	.15700	.32661	.26695	.23998	.27347	.31230
#1	2.3807	7.2418	.91813	.84709	.97947	1.3402	3.0571	.87935
#2	2.3806	7.2667	.91534	.84726	.98371	1.3461	3.0667	.88035
#3	2.3915	7.2789	.91735	.85197	.98427	1.3453	3.0738	.88454
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	.83641	.16901	.41083	.11255	.59023	1.7590	.08460	.85033
Stddev	.00235	.00044	.00153	.00047	.00495	.0086	.00035	.00273
%RSD	.28058	.25918	.37281	.42045	.83900	.48893	.41521	.32154
#1	.83512	.16897	.41013	.11277	.58633	1.7493	.08425	.84717
#2	.83499	.16946	.40977	.11287	.59580	1.7622	.08495	.85194
#3	.83912	.16859	.41259	.11200	.58856	1.7655	.08460	.85187
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	1.1875	.04720	2.2392	.24608	1.0679	2.8214	16.085	
Stddev	.0012	.00017	.0023	.00085	.0033	.0102	.051	
%RSD	.09866	.35725	.10199	.34524	.31020	.35995	.31895	
#1	1.1883	.04712	2.2366	.24598	1.0641	2.8097	16.027	
#2	1.1862	.04709	2.2402	.24528	1.0695	2.8258	16.106	
#3	1.1881	.04740	2.2408	.24697	1.0701	2.8285	16.123	

Sample Name: S3 Acquired: 04/18/2024 11:48:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.1	44931.	5422.1	1282.6	2068.6
Stddev	2.8	69.	14.6	3.0	6.2
%RSD	.15803	.15411	.26968	.23065	.29954
#1	1769.4	44899.	5435.2	1283.4	2073.7
#2	1770.0	44884.	5406.3	1279.3	2070.3
#3	1764.9	45011.	5424.9	1285.1	2061.7

Sample Name: S4 Acquired: 04/18/2024 11:52:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.15278	.29559	4.6557	.16056	.56145	11.855	38.908	2.1986
Stddev	.00045	.00087	.0073	.00037	.00023	.025	.085	.0146
%RSD	.29219	.29555	.15733	.23274	.04011	.20965	.21727	.66341

#1	.15230	.29483	4.6518	.16026	.56161	11.856	38.832	2.2008
#2	.15319	.29540	4.6511	.16043	.56156	11.879	38.999	2.2119
#3	.15285	.29655	4.6642	.16098	.56119	11.829	38.893	2.1830

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	4.7680	14.545	1.8065	1.7086	1.9755	2.6565	6.0357	1.8055
Stddev	.0098	.038	.0024	.0043	.0072	.0117	.0120	.0087
%RSD	.20630	.26148	.13540	.25256	.36316	.44093	.19803	.48053

#1	4.7580	14.545	1.8075	1.7046	1.9771	2.6620	6.0377	1.8103
#2	4.7683	14.583	1.8037	1.7081	1.9817	2.6644	6.0465	1.8107
#3	4.7776	14.507	1.8083	1.7132	1.9676	2.6430	6.0229	1.7955

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	1.6727	.34675	.83092	.22338	1.2162	3.6114	.17672	1.6912
Stddev	.0043	.00061	.00274	.00015	.0094	.0127	.00037	.0072
%RSD	.25624	.17520	.32991	.06753	.77628	.35088	.20667	.42272

#1	1.6704	.34610	.83061	.22343	1.2106	3.6161	.17635	1.6908
#2	1.6699	.34731	.83380	.22350	1.2109	3.6210	.17707	1.6986
#3	1.6776	.34683	.82834	.22321	1.2271	3.5970	.17674	1.6843

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	2.3835	.09917	4.4421	.49703	2.1405	5.8012	32.099	
Stddev	.0059	.00049	.0271	.00168	.0009	.0197	.100	
%RSD	.24802	.49171	.61042	.33802	.04231	.33993	.31219	

#1	2.3772	.09907	4.4430	.49521	2.1414	5.7860	32.165	
#2	2.3844	.09874	4.4688	.49735	2.1402	5.8235	32.149	
#3	2.3890	.09970	4.4146	.49853	2.1397	5.7940	31.984	

Sample Name: S4 Acquired: 04/18/2024 11:52:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1660.1	43012.	5277.1	1207.1	1916.1
Stddev	2.1	51.	25.9	4.9	2.4
%RSD	.12631	.11765	.49160	.40292	.12500
#1	1662.5	42988.	5264.2	1211.5	1918.7
#2	1659.1	43070.	5260.2	1207.8	1915.8
#3	1658.7	42978.	5307.0	1201.9	1913.9

Sample Name: S5 Acquired: 04/18/2024 11:56:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.32314	.57703	9.3789	.33717	1.1854	24.077	76.714	4.3270
Stddev	.00135	.00252	.0175	.00158	.0072	.094	.406	.0092
%RSD	.41647	.43646	.18700	.46886	.60913	.39236	.52924	.21352
#1	.32256	.57419	9.3615	.33643	1.1816	24.089	76.379	4.3230
#2	.32218	.57791	9.3788	.33610	1.1808	23.976	76.598	4.3205
#3	.32468	.57899	9.3966	.33899	1.1937	24.164	77.166	4.3376
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	9.4573	28.769	3.5388	3.4346	3.9139	5.1282	11.735	3.6200
Stddev	.0169	.062	.0037	.0090	.0242	.0206	.040	.0116
%RSD	.17872	.21702	.10563	.26209	.61790	.40159	.34169	.32135
#1	9.4406	28.786	3.5402	3.4268	3.9256	5.1440	11.752	3.6281
#2	9.4570	28.700	3.5416	3.4324	3.8860	5.1049	11.690	3.6067
#3	9.4744	28.822	3.5346	3.4444	3.9299	5.1357	11.765	3.6253
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	3.3344	.71948	1.6765	.43928	2.5501	7.3757	.36896	3.2808
Stddev	.0049	.00212	.0034	.00250	.0107	.0363	.00154	.0034
%RSD	.14665	.29492	.20543	.56941	.42067	.49250	.41738	.10497
#1	3.3316	.72191	1.6769	.43915	2.5547	7.3953	.36890	3.2794
#2	3.3315	.71851	1.6728	.43684	2.5577	7.3338	.36745	3.2784
#3	3.3400	.71802	1.6797	.44184	2.5378	7.3980	.37053	3.2848
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	4.8659	.20866	8.6661	1.0004	4.1961	11.896	62.791	
Stddev	.0190	.00047	.0243	.0018	.0196	.042	.533	
%RSD	.39010	.22371	.27986	.17938	.46784	.35404	.84918	
#1	4.8515	.20828	8.6581	.99835	4.2048	11.927	62.627	
#2	4.8589	.20852	8.6469	1.0013	4.1736	11.848	62.358	
#3	4.8874	.20918	8.6934	1.0016	4.2099	11.913	63.386	

Sample Name: S5 Acquired: 04/18/2024 11:56:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.6	40822.	5196.0	1107.4	1749.9
Stddev	6.0	57.	24.2	2.4	5.3
%RSD	.39706	.13984	.46515	.21780	.30078
#1	1510.1	40822.	5207.7	1108.9	1754.0
#2	1510.0	40879.	5212.0	1104.6	1751.7
#3	1499.7	40765.	5168.2	1108.7	1744.0

Sample Name: S6 Acquired: 04/18/2024 12:00:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: IR Corr. Factor: 1.000000
User: BIN 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	63.386	46.777	13.544	5.9295	4.6911
Stddev	.328	.054	.003	.0090	.0071
%RSD	.51817	.11567	.02128	.15254	.15166

#1	63.425	46.721	13.547	5.9260	4.6833
#2	63.039	46.782	13.543	5.9227	4.6926
#3	63.693	46.829	13.542	5.9398	4.6973

Int. Std.	Y_3710
Units	Cts/S
Avg	5060.7
Stddev	12.4
%RSD	.24463

#1	5075.0
#2	5054.0
#3	5053.2

Sample Name: ICV001 Acquired: 04/18/2024 12:31:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9205790	1.006261	.9475056	.9378171	F .8998239	2.384976
Stddev	.0055229	.000433	.0017140	.0039775	.0032149	.000236
%RSD	.5999347	.0430053	.1808964	.4241199	.3572773	.0099101

#1	.9251571	1.005783	.9455900	.9401485	.8966673	2.384734
#2	.9221349	1.006624	.9480323	.9332246	.8997103	2.385206
#3	.9144451	1.006378	.9488944	.9400784	.9030940	2.384989

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5029565	.4929588	.4776084	9.530167	.5472504	.4763252
Stddev	.0018026	.0020530	.0002139	.009313	.0012495	.0002065
%RSD	.3583935	.4164550	.0447814	.0977258	.2283174	.0433447

#1	.5013787	.4914426	.4774682	9.531334	.5474003	.4765635
#2	.5025699	.4952950	.4778546	9.538842	.5459327	.4762010
#3	.5049210	.4921387	.4775025	9.520325	.5484182	.4762111

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4984437	9.941047	.5096985	5.553514	.4894441	.2286041
Stddev	.0019288	.056092	.0018856	.045418	.0017859	.0013523
%RSD	.3869687	.5642471	.3699507	.8178307	.3648851	.5915412

#1	.4962174	9.927771	.5080214	5.508645	.4897919	.2272171
#2	.4996134	9.892784	.5093346	5.552435	.4910306	.2286766
#3	.4995001	10.00259	.5117396	5.599463	.4875099	.2299187

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.045899	.4876784	F .8858194	9.222954	F -.000747	F .0159884
Stddev	.233197	.0035197	.0187268	.101430	.000826	.0006552
%RSD	2.577936	.7217328	2.114069	1.099752	110.4696	4.097759

#1	8.781569	.4846613	.8786313	9.124989	-.001629	.0161940
#2	9.133586	.4868286	.8717516	9.216347	.000007	.0165161
#3	9.222541	.4915452	.9070754	9.327526	-.000619	.0152551

Sample Name: ICV001 Acquired: 04/18/2024 12:31:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000257	F -.007540	F -.000703	F -.001811	F -.000397	F -.007102
Stddev	.000393	.003229	.000239	.001244	.000454	.001679
%RSD	152.7240	42.82604	33.96405	68.70869	114.5032	23.63870

#1	.000190	-.007633	-.000911	-.003163	-.000643	-.008037
#2	-.000548	-.004265	-.000442	-.001558	.000128	-.008105
#3	-.000414	-.010721	-.000754	-.000713	-.000674	-.005164

Elem	Sr4077
Units	ppm
Avg	F -.008590
Stddev	.000099
%RSD	1.155559

#1	-.008476
#2	-.008643
#3	-.008652

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.272	49935.26	5908.281	1428.137	2446.181
Stddev	5.102	130.89	24.282	8.257	6.902
%RSD	.2651628	.2621284	.4109820	.5781818	.2821529

#1	1930.161	49995.63	5927.791	1431.859	2453.738
#2	1921.472	50025.08	5881.087	1433.878	2440.211
#3	1921.182	49785.08	5915.967	1418.674	2444.594

Sample Name: ICB001 Acquired: 04/18/2024 12:35:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018677	-.002490	.0011531	-.002331	-.000460	.0026697	.0007550
Stddev	.0026862	.002545	.0023211	.001410	.001250	.0058907	.0002676
%RSD	143.8281	102.2259	201.2865	60.46703	271.4711	220.6469	35.44567

#1	.0022551	-.003890	-.000136	-.000913	-.001457	.0091593	.0005951
#2	-.000991	-.004028	.003833	-.003733	.000942	-.002340	.0010639
#3	.004339	.000448	-.000237	-.002348	-.000866	.001190	.0006059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000989	-.000022	-.023267	-.000462	.0001151	-.003039	.0050801
Stddev	.0000582	.000044	.006473	.000429	.0003608	.002037	.0076863
%RSD	58.87553	196.0809	27.82027	92.84113	313.4655	67.01347	151.3019

#1	.0001659	.000007	-.028198	.000019	.0005136	-.005049	.0137215
#2	.0000607	-.000073	-.025667	-.000600	-.000189	-.003092	-.000994
#3	.0000700	-.000001	-.015937	-.000806	.000021	-.000977	.002513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000159	-.027362	-.000276	.0001139	.0020153	.0002188	-.017975
Stddev	.000260	.027480	.000197	.0002871	.1729913	.0012340	.003856
%RSD	163.1937	100.4306	71.50282	252.1400	8583.751	563.9875	21.45091

#1	-.000458	-.016385	-.000498	.0000442	-.176999	.0007656	-.019494
#2	.000016	-.058634	-.000209	.0004294	.168278	.0010849	-.013591
#3	-.000036	-.007067	-.000121	-.000132	.014767	-.001194	-.020840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088881	-.004695	.0035317	.0001731	-.009146	-.001165	-.001066
Stddev	.021787	.001525	.0002328	.0001943	.002855	.000453	.000536
%RSD	24.51220	32.48640	6.591851	112.2522	31.21612	38.86557	50.31274

#1	-.091525	-.003278	.0036169	.0002440	-.005997	-.001688	-.000703
#2	-.109226	-.006309	.0032683	.0003219	-.009878	-.000898	-.001682
#3	-.065893	-.004497	.0037100	-.000047	-.011564	-.000910	-.000813

Sample Name: ICB001 Acquired: 04/18/2024 12:35:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001162	-.004728	-.000027
Stddev	.000703	.001676	.000141
%RSD	60.51097	35.45156	533.2274

#1	-.001062	-.005375	-.000126
#2	-.000514	-.002825	.000135
#3	-.001909	-.005985	-.000088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.454	49732.46	5842.675	1417.902	2481.934
Stddev	6.664	112.10	6.526	7.331	4.599
%RSD	.3448230	.2254032	.1117029	.5169998	.1853148

#1	1938.441	49720.93	5835.650	1409.899	2486.226
#2	1933.646	49849.88	5848.550	1424.292	2482.498
#3	1925.275	49626.57	5843.825	1419.516	2477.079

Sample Name: ICSA001 Acquired: 04/18/2024 12:44:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005838	-.003481	-.003101	.0037966	.0037499	252.5139
Stddev	.005148	.003692	.003983	.0053915	.0028061	.2424
%RSD	88.17293	106.0639	128.4426	142.0077	74.83249	.0959807

#1	.000035	-.007284	-.004101	-.002097	.0014658	252.3001
#2	-.009568	.000090	-.006489	.005008	.0029016	252.7772
#3	-.007982	-.003250	.001287	.008480	.0068823	252.4645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071514	.0012955	.0039268	243.5494	.0578332	-.000260
Stddev	.0003319	.0000676	.0001062	.5940	.0003314	.000158
%RSD	4.640610	5.215541	2.704811	.2439065	.5729946	60.79883

#1	.0068711	.0012176	.0040006	243.6450	.0577435	-.000374
#2	.0070653	.0013390	.0039747	244.0899	.0582001	-.000327
#3	.0075179	.0013298	.0038050	242.9134	.0575558	-.000080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011775	98.53890	.0126304	230.9576	.0026401	-.002643
Stddev	.0022535	.39785	.0002283	.9053	.0001644	.000357
%RSD	191.3693	.4037455	1.807231	.3919823	6.227908	13.49187

#1	.0031834	98.60458	.0124007	231.5120	.0028236	-.002337
#2	.0016101	98.89981	.0128571	231.4480	.0025061	-.003034
#3	-.001261	98.11230	.0126334	229.9129	.0025907	-.002558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2268113	.0019685	.0061905	-.074232	-.008197	F .1026916
Stddev	.1539284	.0045932	.0037083	.034715	.001420	.0013801
%RSD	67.86632	233.3324	59.90372	46.76607	17.32443	1.343890

#1	.0732367	-.003316	.0034645	-.104147	-.009725	.1011303
#2	.2261059	.005005	.0104133	-.082381	-.006918	.1031961
#3	.3810912	.004216	.0046936	-.036167	-.007947	.1037484

Sample Name: ICSA001 Acquired: 04/18/2024 12:44:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000731	-.010003	-.001544	.0015857	.0009915	-.001537
Stddev	.000506	.011923	.000069	.0005144	.0004177	.001024
%RSD	69.28277	119.1919	4.485095	32.44307	42.13125	66.58940
#1	-.000379	.000804	-.001587	.0011471	.0013887	-.002280
#2	-.000502	-.008020	-.001581	.0021519	.0010297	-.001961
#3	-.001311	-.022793	-.001464	.0014581	.0005559	-.000370

Elem	Sr4077
Units	ppm
Avg	.0091999
Stddev	.0002111
%RSD	2.294109
#1	.0091891
#2	.0089945
#3	.0094162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.807	44757.85	5604.080	1279.729	2017.444
Stddev	3.996	208.24	8.462	7.806	5.552
%RSD	.2291582	.4652639	.1510036	.6100080	.2751773
#1	1748.388	44877.79	5594.581	1278.323	2021.896
#2	1741.041	44517.40	5606.844	1272.720	2019.213
#3	1741.990	44878.37	5610.815	1288.142	2011.224

Sample Name: ICSAB001 Acquired: 04/18/2024 13:01:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884071	.0988838	.0480646	.0515881	.5891274	252.2540
Stddev	.0025687	.0034038	.0015262	.0023090	.0019842	.2670
%RSD	2.905583	3.442215	3.175319	4.475733	.3367978	.1058293

#1	.0868248	.0989225	.0466187	.0503048	.5913882	252.5545
#2	.0870255	.1022682	.0479150	.0542537	.5876755	252.0441
#3	.0913709	.0954609	.0496601	.0502060	.5883184	252.1635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5251272	.5034542	1.006600	241.4422	.6014719	.4995935
Stddev	.0019314	.0007604	.002783	.6099	.0002031	.0017849
%RSD	.3677875	.1510348	.2764880	.2525992	.0337696	.3572713

#1	.5272468	.5042111	1.007757	242.1370	.6017064	.5001191
#2	.5246678	.5034610	1.003425	240.9953	.6013583	.4976049
#3	.5234670	.5026904	1.008619	241.1943	.6013510	.5010567

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012304	97.33100	.5216093	227.4863	1.010457	.1970567
Stddev	.0073035	.37333	.0031820	.3996	.004708	.0005731
%RSD	1.457119	.3835697	.6100366	.1756395	.4659670	.2908327

#1	.5083650	97.75983	.5241493	227.9301	1.010655	.1974412
#2	.4937689	97.15479	.5180400	227.1553	1.005652	.1973309
#3	.5015575	97.07840	.5226384	227.3734	1.015063	.1963980

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1918037	.4973640	1.027050	-.155832	-.009323	F .1011753
Stddev	.0604786	.0070143	.010241	.019051	.006303	.0010011
%RSD	31.53149	1.410302	.9971262	12.22543	67.60836	.9895170

#1	.2614886	.5054219	1.032567	-.162012	-.016573	.1004183
#2	.1530023	.4940451	1.015233	-.134458	-.005147	.1023105
#3	.1609204	.4926251	1.033349	-.171027	-.006249	.1007973

Sample Name: ICSAB001 Acquired: 04/18/2024 13:01:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001119	-.013440	-.001304	.0011753	.0000791	-.004454
Stddev	.000347	.006971	.000364	.0023131	.0010213	.001690
%RSD	31.02103	51.86967	27.87611	196.8011	1290.943	37.95126

#1	-.001051	-.016821	-.001393	.0001045	-.001076	-.006335
#2	-.000811	-.005423	-.001616	-.000408	.000862	-.003964
#3	-.001496	-.018077	-.000905	.003830	.000452	-.003062

Elem	Sr4077
Units	ppm
Avg	.0101641
Stddev	.0003052
%RSD	3.002736

#1	.0098208
#2	.0104047
#3	.0102668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.827	44654.97	5654.514	1280.291	2016.009
Stddev	7.179	42.21	11.720	4.395	8.622
%RSD	.4162004	.0945261	.2072742	.3432473	.4276608

#1	1720.909	44607.78	5641.821	1278.300	2014.639
#2	1733.112	44689.11	5656.793	1277.245	2025.234
#3	1720.460	44668.02	5664.927	1285.329	2008.154

Sample Name: CCV001 Acquired: 04/18/2024 13:05:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.069111	4.872438	24.97956	5.073355	5.046901	406.2756	10.43551
Stddev	.022987	.013973	.00393	.005387	.005705	.6409	.00965
%RSD	.4534761	.2867805	.0157409	.1061821	.1130410	.1577465	.0924262

#1	5.043725	4.887187	24.97883	5.078881	5.040422	405.6599	10.42715
#2	5.088518	4.859398	24.98381	5.073065	5.051173	406.2278	10.44606
#3	5.075090	4.870729	24.97605	5.068119	5.049108	406.9390	10.43332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924027	2.517846	397.7033	15.58210	2.551616	14.71603	384.5102
Stddev	.0040583	.001181	.8833	.01487	.005523	.03497	1.7965
%RSD	.8241787	.0468897	.2221011	.0954306	.2164656	.2376045	.4672264

#1	.4896947	2.517053	396.9403	15.56852	2.555722	14.68386	383.0745
#2	.4904446	2.517282	397.4985	15.57979	2.553790	14.71099	383.9312
#3	.4970687	2.519203	398.6710	15.59799	2.545337	14.75324	386.5248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73930	379.1572	2.558734	1.277628	394.7655	2.495516	16.39516
Stddev	.03026	1.6188	.004560	.001854	.8041	.006837	.11699
%RSD	.2052990	.4269423	.1782141	.1451073	.2036908	.2739586	.7135653

#1	14.71573	377.6233	2.561448	1.277347	393.8903	2.489509	16.53015
#2	14.72876	378.9989	2.561286	1.279607	395.4717	2.494082	16.32319
#3	14.77343	380.8492	2.553470	1.275931	394.9346	2.502955	16.33215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.3523	5.068520	5.018432	5.063545	5.159461	4.813181	5.106930
Stddev	.2453	.003996	.028182	.003954	.006576	.021806	.015039
%RSD	.1599694	.0788493	.5615647	.0780817	.1274587	.4530481	.2944797

#1	153.3221	5.067153	4.994542	5.066717	5.153040	4.792478	5.119658
#2	153.1235	5.073020	5.011242	5.059115	5.159160	4.811121	5.110795
#3	153.6113	5.065386	5.049512	5.064803	5.166182	4.835944	5.090335

Sample Name: CCV001 Acquired: 04/18/2024 13:05:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.947314	4.974907	4.845856
Stddev	.016720	.014498	.006169
%RSD	.3379535	.2914273	.1273131

#1	4.931669	4.958183	4.842209
#2	4.945339	4.983937	4.842381
#3	4.964933	4.982600	4.852979

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.530	41343.45	5414.222	1137.758	1773.072
Stddev	1.037	108.98	20.982	2.418	3.213
%RSD	.0671666	.2635989	.3875340	.2124810	.1812037

#1	1544.544	41228.06	5424.426	1135.099	1774.028
#2	1543.486	41357.66	5428.150	1138.351	1769.489
#3	1545.561	41444.63	5390.090	1139.823	1775.698

Sample Name: CCB001 Acquired: 04/18/2024 13:09:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011206	.0020430	.0022883	.0014385	-.000527	.0078818
Stddev	.0032310	.0005126	.0018506	.0048366	.000454	.0046880
%RSD	288.3136	25.08912	80.87457	336.2194	86.20899	59.47877

#1	-.002336	.0016344	.0043962	.0069388	-.000600	.0114226
#2	.004065	.0026182	.0009304	-.000473	-.000940	.0096574
#3	.001634	.0018765	.0015383	-.002150	-.000040	.0025654

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013250	.0000069	-.000038	-.027657	.0003406	-.000058
Stddev	.0002736	.0000829	.000042	.008831	.0003138	.000427
%RSD	20.65139	1195.181	110.9876	31.93029	92.12421	732.6328

#1	.0014291	-.000081	-.000084	-.037792	.0005816	.000232
#2	.0015314	.000018	-.000026	-.021616	.0004543	-.000549
#3	.0010146	.000084	-.000003	-.023564	-.000014	.000142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002898	.0211010	.0005651	-.031551	-.000000	.0000950
Stddev	.0041266	.0034465	.0003344	.030500	.000192	.0001867
%RSD	1424.146	16.33349	59.17075	96.66952	173611.0	196.4682

#1	.0019604	.0216406	.0006992	-.062771	.000006	-.000101
#2	.0033191	.0174165	.0008117	-.001825	.000189	.000116
#3	-.004410	.0242459	.0001845	-.030058	-.000195	.000270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584828	-.000076	-.013341	-.209206	-.005402	F .0120903
Stddev	.3414071	.003438	.006696	.047469	.003871	.0006986
%RSD	583.7734	4513.083	50.19077	22.68995	71.65073	5.777854

#1	.2612152	.002438	-.009838	-.223384	-.004246	.0128715
#2	-.335686	-.003994	-.021062	-.247970	-.009719	.0115257
#3	.249919	.001327	-.009123	-.156264	-.002241	.0118736

Sample Name: CCB001 Acquired: 04/18/2024 13:09:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001970	-.008222	-.003357	-.002226	-.000437	-.007327
Stddev	.0002463	.003527	.000144	.001466	.000673	.001061
%RSD	125.0054	42.90152	4.301449	65.86965	154.0748	14.47548

#1	.0000119	-.005656	-.003420	-.003622	.000330	-.008289
#2	.0001026	-.012244	-.003460	-.002356	-.000928	-.006189
#3	.0004766	-.006766	-.003192	-.000699	-.000712	-.007503

Elem	Sr4077
Units	ppm
Avg	.0001201
Stddev	.0001462
%RSD	121.7666

#1	.0002799
#2	-.000007
#3	.000087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.706	50064.56	5917.842	1424.660	2485.372
Stddev	1.760	78.77	13.367	5.845	2.189
%RSD	.0916617	.1573384	.2258678	.4102787	.0880819

#1	1917.972	50043.75	5903.575	1417.956	2487.450
#2	1921.490	49998.27	5930.075	1428.689	2485.581
#3	1919.656	50151.64	5919.875	1427.335	2483.086

Sample Name: PB160303BL Acquired: 04/18/2024 13:13:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS303 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024346	.0024618	.0001562	-.000518	.0005594	-.000815	.0008032
Stddev	.0083152	.0019394	.0016802	.003887	.0017181	.005960	.0002480
%RSD	341.5423	78.78282	1075.716	749.9517	307.1647	731.3187	30.88169

#1	.0120069	.0039712	.0020929	-.003521	.0024905	-.000132	.0007379
#2	-.001703	.0002743	-.000711	-.001907	-.000013	.004774	.0010773
#3	-.003000	.0031397	-.000913	.003872	-.000800	-.007087	.0005943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001191	-.000030	-.012252	-.000551	.0001793	-.001897	.0190087
Stddev	.0000309	.000057	.005433	.000370	.0000549	.002258	.0091750
%RSD	25.94150	187.1735	44.34578	67.07303	30.61789	119.0715	48.26709

#1	.0000835	-.000040	-.015960	-.000564	.0002414	.000530	.0138401
#2	.0001349	-.000082	-.014782	-.000175	.0001589	-.003937	.0296020
#3	.0001390	.000031	-.006015	-.000915	.0001375	-.002283	.0135840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	-.049082	.0003194	.0002469	.0206638	-.000214	-.017412
Stddev	.000295	.021407	.0001890	.0001743	.2014839	.001641	.006694
%RSD	248.4355	43.61584	59.19534	70.61924	975.0585	767.0540	38.44395

#1	-.000437	-.024433	.0005324	.0003816	-.199309	.001613	-.009716
#2	-.000065	-.059792	.0001715	.0000500	.196260	-.001564	-.021881
#3	.000146	-.063020	.0002542	.0003090	.065041	-.000691	-.020639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.089655	-.007685	.0064386	.0003277	-.007220	-.000702	-.000760
Stddev	.028816	.003149	.0007955	.0002815	.005938	.000066	.001123
%RSD	32.14154	40.98082	12.35478	85.89523	82.24832	9.467311	147.8272

#1	-.107361	-.009965	.0056037	.0006526	-.000722	-.000730	.000514
#2	-.105199	-.008997	.0065244	.0001726	-.008572	-.000749	-.001183
#3	-.056404	-.004092	.0071876	.0001579	-.012365	-.000626	-.001609

Sample Name: PB160303BL Acquired: 04/18/2024 13:13:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS303 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000199	-.005072	-.000031
Stddev	.0005698	.000300	.000096
%RSD	2870.639	5.907737	307.4342

#1	-.000481	-.005412	-.000079
#2	.000640	-.004848	-.000095
#3	-.000100	-.004956	.000080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.718	49335.06	5885.150	1408.750	2458.125
Stddev	3.208	101.78	21.169	5.666	2.472
%RSD	.1681460	.2063113	.3596986	.4022302	.1005708

#1	1911.357	49251.97	5901.450	1404.170	2459.288
#2	1905.302	49448.59	5861.225	1415.087	2455.286
#3	1906.494	49304.61	5892.775	1406.994	2459.801

Sample Name: PB160303BS Acquired: 04/18/2024 13:17:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS303 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212270	.0488324	.0212453	.0641021	.1172321	.4015991
Stddev	.0062440	.0014787	.0008288	.0047798	.0019947	.0056948
%RSD	29.41551	3.028033	3.901311	7.456459	1.701460	1.418030

#1	.0189210	.0497232	.0207276	.0675415	.1179690	.3973745
#2	.0164640	.0471255	.0222013	.0586442	.1149738	.3993472
#3	.0282961	.0496485	.0208070	.0661206	.1187534	.4080755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4162535	.0103325	.0102307	10.21985	.0225094	.0993992
Stddev	.0014793	.0000232	.0000918	.04777	.0006599	.0003930
%RSD	.3553902	.2244280	.8977120	.4674689	2.931891	.3953480

#1	.4145557	.0103126	.0101307	10.18311	.0232173	.0991278
#2	.4172658	.0103268	.0103112	10.27386	.0223999	.0998499
#3	.4169388	.0103579	.0102504	10.20259	.0219111	.0992200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531575	.2173211	.0326784	9.170143	.0822457	.0200937
Stddev	.0009324	.0086259	.0004421	.108716	.0005305	.0002475
%RSD	1.754098	3.969210	1.352901	1.185538	.6449950	1.231481

#1	.0533074	.2271187	.0324320	9.052665	.0816597	.0198559
#2	.0521592	.2139756	.0324144	9.267200	.0826933	.0200753
#3	.0540059	.2108691	.0331888	9.190564	.0823839	.0203498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.835340	.1072889	.1097590	9.259054	F .0134195	.0237577
Stddev	.155800	.0021983	.0091300	.057300	.0042124	.0003479
%RSD	1.584082	2.048952	8.318249	.6188525	31.39002	1.464220

#1	9.745403	.1084502	.1141057	9.213447	.0139305	.0241087
#2	10.01524	.1086630	.0992677	9.323370	.0173531	.0237515
#3	9.74537	.1047535	.1159034	9.240345	.0089750	.0234130

Sample Name: PB160303BS Acquired: 04/18/2024 13:17:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS303 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220715	.1689745	F .0878753	.0125784	.2004199	.0269696
Stddev	.0002765	.0058080	.0011089	.0017538	.0012478	.0009237
%RSD	1.252650	3.437173	1.261840	13.94289	.6225738	3.424907
#1	.0220764	.1690430	.0867403	.0109026	.1992646	.0263688
#2	.0223455	.1747480	.0879298	.0124316	.2017432	.0280332
#3	.0217926	.1631327	.0889560	.0144010	.2002520	.0265069

Elem	Sr4077
Units	ppm
Avg	.2193089
Stddev	.0006165
%RSD	.2811286
#1	.2186575
#2	.2198834
#3	.2193856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.612	48498.50	5801.431	1394.096	2414.476
Stddev	1.685	31.22	19.464	3.533	1.446
%RSD	.0886205	.0643793	.3355027	.2534354	.0599059
#1	1899.977	48529.74	5823.460	1391.117	2413.936
#2	1903.344	48498.47	5786.561	1393.171	2416.115
#3	1901.515	48467.30	5794.270	1397.999	2413.378

Sample Name: PB160108BL Acquired: 04/18/2024 13:21:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041083	.0003338	.0000377	-.005214	-.000951	.0035119	-.000144
Stddev	.0046987	.0034595	.0005272	.004292	.002333	.0013372	.000308
%RSD	114.3707	1036.305	1399.293	82.32878	245.3277	38.07551	213.7291

#1	.0005967	.0042600	.0006383	-.000464	-.002057	.0047856	-.000283
#2	.0094459	-.002267	-.000177	-.006363	.001730	.0021192	.000209
#3	.0022823	-.000991	-.000348	-.008814	-.002525	.0036308	-.000359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000934	-.000016	-.020218	-.000186	.0002508	.0011750	-.004918
Stddev	.0000431	.000048	.002939	.000254	.0002430	.0030684	.000307
%RSD	46.13247	304.7662	14.53574	136.4080	96.89506	261.1476	6.245870

#1	.0001301	-.000066	-.017802	-.000170	.0003920	-.002063	-.005221
#2	.0001042	-.000013	-.023490	.000059	.0003901	.004039	-.004927
#3	.0000460	.000031	-.019363	-.000449	-.000030	.001549	-.004607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000316	.0068487	.0000994	-.000005	.0006314	-.001032	-.014526
Stddev	.0004159	.0223951	.0004431	.000238	.2063322	.000609	.002608
%RSD	1315.648	326.9979	445.6484	4948.728	32678.60	58.96405	17.95766

#1	-.000155	-.016529	-.000335	-.000245	.0117215	-.001708	-.012824
#2	.000508	.028112	.000082	.000230	-.211022	-.000528	-.013224
#3	-.000258	.008963	.000551	.000000	.201195	-.000860	-.017529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063997	-.004991	.0032930	-.000170	-.004094	-.000287	-.000482
Stddev	.0349234	.003074	.0002790	.000409	.004433	.000239	.001274
%RSD	545.7013	61.58942	8.472229	241.0319	108.2880	83.21324	264.3416

#1	-.014718	-.008396	.0035648	-.000631	.000996	-.000050	.000709
#2	.046710	-.004158	.0033068	-.000026	-.006167	-.000528	-.000329
#3	-.012794	-.002419	.0030074	.000148	-.007111	-.000285	-.001826

Sample Name: PB160108BL Acquired: 04/18/2024 13:21:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW108 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001379	-.003201	-.000041
Stddev	.000305	.001311	.000012
%RSD	22.13718	40.95031	30.17649

#1	-.001581	-.003134	-.000055
#2	-.001028	-.004545	-.000035
#3	-.001528	-.001925	-.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.419	49414.49	5799.542	1417.029	2457.384
Stddev	.699	249.55	10.326	9.400	1.047
%RSD	.0366055	.5050197	.1780560	.6633590	.0425906

#1	1909.937	49329.99	5802.025	1407.383	2456.193
#2	1910.099	49218.16	5788.200	1417.542	2458.154
#3	1911.221	49695.32	5808.400	1426.162	2457.807

Sample Name: PB160108BS Acquired: 04/18/2024 13:26:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS108 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184177	.0520582	.0192898	.0676633	.1182576	.3967469
Stddev	.0064157	.0027048	.0029030	.0023835	.0015915	.0076988
%RSD	34.83464	5.195777	15.04922	3.522602	1.345784	1.940474

#1	.0110152	.0537827	.0174951	.0675529	.1168268	.3967998
#2	.0218659	.0534510	.0177352	.0653369	.1199717	.3890219
#3	.0223719	.0489408	.0226390	.0701001	.1179743	.4044191

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4111627	.0103597	.0101444	10.05432	.0219836	.0985770
Stddev	.0017878	.0001866	.0001663	.02651	.0002982	.0004525
%RSD	.4348205	1.801552	1.639248	.2636917	1.356426	.4590476

#1	.4124119	.0101706	.0099793	10.04041	.0216544	.0990709
#2	.4091147	.0103647	.0101422	10.03766	.0222356	.0981824
#3	.4119613	.0105437	.0103118	10.08489	.0220606	.0984776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540176	.2092232	.0331067	9.006646	.0817713	.0202173
Stddev	.0034247	.0120161	.0018708	.070182	.0004125	.0005358
%RSD	6.339894	5.743191	5.650851	.7792272	.5044844	2.650220

#1	.0545192	.1998929	.0309570	8.939383	.0822361	.0208360
#2	.0503699	.2049948	.0339975	9.079422	.0816294	.0199086
#3	.0571639	.2227819	.0343656	9.001133	.0814485	.0199074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.725772	.1031469	.1084292	9.142545	F .0108148	.0214646
Stddev	.130488	.0021904	.0071152	.092030	.0013215	.0003733
%RSD	1.341672	2.123539	6.562063	1.006610	12.21957	1.739113

#1	9.833695	.1044841	.1093984	9.232228	.0096161	.0211654
#2	9.580752	.1006191	.1150101	9.048335	.0105964	.0213455
#3	9.762867	.1043375	.1008790	9.147072	.0122320	.0218830

Sample Name: PB160108BS Acquired: 04/18/2024 13:26:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS108 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218541	.1638782	F .0860110	.0120654	.1962141	.0250819
Stddev	.0002471	.0024005	.0002062	.0006817	.0006850	.0019361
%RSD	1.130810	1.464828	.2397054	5.650489	.3490832	7.719014

#1	.0220166	.1662456	.0858053	.0114787	.1969787	.0229440
#2	.0215697	.1639432	.0862177	.0119041	.1956567	.0267168
#3	.0219759	.1614459	.0860101	.0128133	.1960070	.0255848

Elem	Sr4077
Units	ppm
Avg	.2172863
Stddev	.0005706
%RSD	.2625918

#1	.2178111
#2	.2166789
#3	.2173688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.744	48699.41	5817.696	1404.192	2413.116
Stddev	2.774	93.18	13.766	3.624	3.379
%RSD	.1463429	.1913347	.2366166	.2581141	.1400086

#1	1893.189	48602.06	5804.962	1403.529	2409.283
#2	1898.695	48708.41	5832.302	1400.945	2414.405
#3	1895.347	48787.77	5815.825	1408.102	2415.661

Sample Name: P2146-01 Acquired: 04/18/2024 13:30:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490264	-.002000	.1269047	-.016697	.0006236	71.89147	.6741685
Stddev	.0057931	.001991	.0028619	.002731	.0040694	.18465	.0010163
%RSD	11.81622	99.54861	2.255138	16.35510	652.6023	.2568412	.1507543

#1	.0438819	.000217	.1259903	-.013908	.0016348	71.68275	.6731046
#2	.0553014	-.002581	.1246118	-.019365	.0040921	72.03353	.6751295
#3	.0478957	-.003636	.1301121	-.016818	-.003856	71.95812	.6742712

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058401	.0071594	186.7267	.1090108	.0695626	.1104192	125.9447
Stddev	.0001569	.0001330	.4182	.0009132	.0006091	.0035406	.4467
%RSD	2.687558	1.857983	.2239570	.8376789	.8755801	3.206521	.3546741

#1	.0057722	.0071490	186.5251	.1098221	.0689784	.1143191	125.7359
#2	.0060195	.0070319	187.2075	.1080219	.0701938	.1095319	126.4576
#3	.0057284	.0072973	186.4475	.1091885	.0695156	.1074066	125.6406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.560377	20.09875	.1453509	-.004212	2.573783	.1832664	.3809916
Stddev	.007878	.10285	.0007777	.000212	.203655	.0039286	.0075639
%RSD	.1727568	.5117428	.5350262	5.029435	7.912653	2.143636	1.985320

#1	4.555987	20.21688	.1445496	-.004339	2.444747	.1877654	.3726774
#2	4.569472	20.05039	.1461025	-.003968	2.808558	.1815202	.3874658
#3	4.555671	20.02900	.1454006	-.004330	2.468045	.1805137	.3828315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.799378	3.047977	.1336480	.0090340	1.039306	2.673717	.0058007
Stddev	.052056	.011553	.0019554	.0005534	.006300	.008812	.0025350
%RSD	.8976062	.3790261	1.463104	6.125756	.6061389	.3295768	43.70222

#1	5.773972	3.048651	.1320866	.0085955	1.043815	2.672836	.0028911
#2	5.764904	3.036103	.1358412	.0096557	1.041994	2.682936	.0075330
#3	5.859258	3.059179	.1330162	.0088506	1.032108	2.665379	.0069779

Sample Name: P2146-01 Acquired: 04/18/2024 13:30:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8289842	.0366426	.1095966
Stddev	.0028306	.0014840	.0005865
%RSD	.3414567	4.050021	.5351100

#1	.8270047	.0355329	.1089463
#2	.8322264	.0360665	.1100853
#3	.8277216	.0383283	.1097583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.054	52841.75	6501.514	1533.648	2244.795
Stddev	9.068	120.77	12.491	5.023	4.797
%RSD	.4414617	.2285598	.1921229	.3275245	.2136957

#1	2060.857	52934.90	6503.870	1537.388	2245.585
#2	2057.546	52885.07	6488.013	1535.618	2249.148
#3	2043.760	52705.29	6512.660	1527.939	2239.652

Sample Name: P2146-02 Acquired: 04/18/2024 13:34:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544436	-.000111	.0792885	-.021425	.0032352	52.59284	.3602463
Stddev	.0021366	.004102	.0020520	.003778	.0006903	.15928	.0017475
%RSD	3.924423	3685.787	2.588004	17.63324	21.33555	.3028596	.4850920

#1	.0535720	-.004831	.0769192	-.019775	.0024544	52.52665	.3611179
#2	.0528807	.002595	.0804524	-.025748	.0034870	52.47733	.3582344
#3	.0568783	.001902	.0804940	-.018753	.0037643	52.77455	.3613865

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046673	.0069699	12.35383	.0958935	.0662246	.1478287	116.3568
Stddev	.0000815	.0001404	.03260	.0011117	.0001723	.0006631	.3050
%RSD	1.745268	2.014290	.2638975	1.159256	.2601399	.4485610	.2621212

#1	.0046158	.0068189	12.32290	.0947841	.0661362	.1472850	116.0198
#2	.0046249	.0070965	12.35071	.0970074	.0664231	.1485674	116.4369
#3	.0047612	.0069944	12.38788	.0958890	.0661144	.1476337	116.6138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.909861	10.41431	.1522195	-.003553	2.046587	.1470088	.3551473
Stddev	.008576	.07261	.0002936	.000413	.061308	.0039956	.0009452
%RSD	.2193487	.6972428	.1928713	11.63169	2.995638	2.717939	.2661319

#1	3.904375	10.34434	.1519752	-.003208	2.115500	.1433156	.3562386
#2	3.905464	10.40928	.1525452	-.004011	1.998095	.1464606	.3546141
#3	3.919744	10.48931	.1521381	-.003440	2.026167	.1512502	.3545892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.261838	3.228051	.1235144	.0194225	.3863150	1.906741	-.000591
Stddev	.044004	.004585	.0015969	.0004972	.0076930	.007805	.002453
%RSD	1.032504	.1420264	1.292904	2.559766	1.991374	.4093335	414.8823

#1	4.301696	3.228158	.1217916	.0192164	.3780130	1.900781	-.002001
#2	4.214618	3.232582	.1249452	.0199896	.3877292	1.903867	-.002014
#3	4.269202	3.223414	.1238064	.0190616	.3932027	1.915576	.002241

Sample Name: P2146-02 Acquired: 04/18/2024 13:34:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6828600	.0283519	-.069061
Stddev	.0022666	.0004506	.000165
%RSD	.3319348	1.589214	.2389606

#1	.6818416	.0278581	-.068873
#2	.6812812	.0284569	-.069183
#3	.6854573	.0287407	-.069127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.613	58090.28	6953.803	1692.209	2407.506
Stddev	2.779	72.78	30.740	5.096	1.652
%RSD	.1226136	.1252892	.4420640	.3011293	.0686129

#1	2269.453	58174.28	6975.630	1697.353	2405.707
#2	2266.485	58045.99	6967.130	1687.163	2408.955
#3	2263.900	58050.56	6918.648	1692.112	2407.856

Sample Name: P2146-03 Acquired: 04/18/2024 13:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503969	-.003165	.0669296	-.013368	.0013314	39.87444	.2369854
Stddev	.0062816	.002760	.0013740	.000767	.0038180	.03664	.0008323
%RSD	12.46423	87.18796	2.052935	5.741284	286.7674	.0918931	.3511931

#1	.0557313	-.005680	.0663652	-.013425	-.001810	39.91659	.2374934
#2	.0434734	-.000213	.0684959	-.012573	.005581	39.85652	.2360249
#3	.0519861	-.003604	.0659276	-.014105	.000223	39.85020	.2374378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033811	.0064037	241.8584	.0672459	.0522022	.1159094	91.39936
Stddev	.0000782	.0000766	.0936	.0005010	.0005305	.0009648	.06438
%RSD	2.312825	1.196592	.0386865	.7450557	1.016215	.8324151	.0704363

#1	.0033556	.0063406	241.9642	.0668007	.0515924	.1168368	91.43718
#2	.0033189	.0063815	241.7865	.0671485	.0525575	.1149110	91.43588
#3	.0034689	.0064889	241.8245	.0677885	.0524566	.1159804	91.32503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067448	59.73224	.1340003	-.002900	1.646815	.1113053	.3418535
Stddev	.004513	.29935	.0001219	.000012	.039894	.0041891	.0040445
%RSD	.1471194	.5011582	.0909909	.4160948	2.422513	3.763593	1.183118

#1	3.065290	60.01342	.1338601	-.002893	1.625314	.1115571	.3465210
#2	3.072635	59.76576	.1340813	-.002914	1.622284	.1153628	.3393824
#3	3.064419	59.41753	.1340596	-.002893	1.692848	.1069960	.3396570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.857949	3.063157	.1033421	.0111625	.5074630	2.119719	.0015483
Stddev	.031802	.010086	.0009914	.0000924	.0140281	.005158	.0021530
%RSD	.8243359	.3292835	.9593229	.8276206	2.764351	.2433256	139.0590

#1	3.823213	3.051788	.1022382	.0110602	.4943344	2.125631	-.000087
#2	3.864996	3.066651	.1041565	.0112398	.5058105	2.116140	.000745
#3	3.885636	3.071031	.1036317	.0111876	.5222441	2.117386	.003987

Sample Name: P2146-03 Acquired: 04/18/2024 13:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6114440	.0273276	.1349866
Stddev	.0015725	.0010067	.0002816
%RSD	.2571731	3.683642	.2085899

#1	.6131387	.0263583	.1353081
#2	.6100321	.0272566	.1348683
#3	.6111612	.0283679	.1347835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.035	52916.50	6557.850	1526.270	2160.609
Stddev	4.939	132.97	10.337	7.384	5.670
%RSD	.2409177	.2512854	.1576227	.4837915	.2624377

#1	2054.259	53003.22	6548.753	1533.117	2164.149
#2	2044.605	52982.88	6569.090	1518.446	2154.069
#3	2051.240	52763.41	6555.708	1527.248	2163.609

Sample Name: P2146-04 Acquired: 04/18/2024 13:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394206	-.001110	.0369401	-.007888	.0017220	21.67614	.1199922
Stddev	.0023148	.002806	.0052134	.003616	.0032694	.04723	.0004118
%RSD	5.871971	252.8817	14.11312	45.84169	189.8577	.2178685	.3431463

#1	.0375587	-.002905	.0427715	-.003885	.0049040	21.70739	.1197312
#2	.0420123	.002124	.0327300	-.008862	-.001628	21.62181	.1197785
#3	.0386909	-.002548	.0353188	-.010917	.001890	21.69922	.1204668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021050	.0049115	674.9152	.0662256	.0431677	.0862846	70.60295
Stddev	.0001319	.0001005	1.9416	.0016545	.0003975	.0007289	.51674
%RSD	6.264582	2.046580	.2876765	2.498214	.9207893	.8448028	.7318934

#1	.0021918	.0048427	675.2743	.0674248	.0427832	.0855454	70.44221
#2	.0019533	.0048649	672.8191	.0669139	.0435770	.0870028	70.18568
#3	.0021700	.0050268	676.6521	.0643381	.0431429	.0863056	71.18095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.740038	129.8338	.1078125	-.002203	1.344350	.0815786	.2917100
Stddev	.013036	.6399	.0005485	.000380	.179003	.0019226	.0064123
%RSD	.4757665	.4928434	.5087709	17.24750	13.31518	2.356711	2.198190

#1	2.736491	129.7371	.1081704	-.001784	1.262304	.0830167	.2884489
#2	2.729143	129.2479	.1080861	-.002299	1.549669	.0823243	.2990975
#3	2.754481	130.5166	.1071810	-.002526	1.221077	.0793949	.2875837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.946879	2.193942	.0877614	.0086303	.8704687	1.080770	.0148467
Stddev	.039019	.003612	.0023220	.0007727	.0080362	.003973	.0017510
%RSD	1.324065	.1646216	2.645831	8.953125	.9232024	.3675804	11.79382

#1	2.912147	2.196595	.0868949	.0081067	.8617232	1.084869	.0168619
#2	2.939392	2.195401	.0859972	.0095177	.8775280	1.080506	.0136970
#3	2.989099	2.189829	.0903920	.0082664	.8721548	1.076936	.0139812

Sample Name: P2146-04 Acquired: 04/18/2024 13:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7586576	.0360144	.4705311
Stddev	.0009950	.0023849	.0007061
%RSD	.1311484	6.622204	.1500557

#1	.7577921	.0372005	.4709929
#2	.7584360	.0332690	.4708822
#3	.7597447	.0375738	.4697184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.861	47109.46	5946.178	1362.821	2013.671
Stddev	2.701	138.16	17.557	5.575	.842
%RSD	.1471126	.2932672	.2952713	.4090919	.0418208

#1	1832.852	47183.82	5938.474	1360.077	2012.713
#2	1836.655	47194.51	5966.270	1369.237	2014.006
#3	1838.075	46950.05	5933.790	1359.150	2014.294

Sample Name: P2146-05 Acquired: 04/18/2024 13:46:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285695	.0017096	.0274592	-.001446	.0013438	9.935557	.0645619
Stddev	.0056386	.0078439	.0007410	.003033	.0016868	.012741	.0005402
%RSD	19.73625	458.8318	2.698568	209.6794	125.5290	.1282327	.8366831

#1	.0236756	.0085660	.0281179	-.003685	.0008693	9.931254	.0651581
#2	.0347354	-.006844	.0266569	.002005	.0032170	9.949892	.0641051
#3	.0272977	.003407	.0276029	-.002659	-.000055	9.925525	.0644226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012989	.0032038	633.0709	.0590880	.0191486	.0507869	47.82679
Stddev	.0000407	.0001010	.4808	.0001743	.0002809	.0009933	.11613
%RSD	3.133516	3.152956	.0759503	.2949792	1.467175	1.955818	.2428205

#1	.0013196	.0031946	633.6143	.0589154	.0192807	.0518028	47.75035
#2	.0013252	.0031077	632.8976	.0592640	.0188260	.0498179	47.96043
#3	.0012521	.0033091	632.7007	.0590844	.0193391	.0507398	47.76960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.149768	155.3679	.0566577	-.001410	.9356804	.0613928	.2048399
Stddev	.002266	.3883	.0003731	.000350	.3778555	.0021691	.0045178
%RSD	.1054259	.2499077	.6585587	24.80542	40.38297	3.533070	2.205501

#1	2.150814	155.7504	.0569758	-.001103	.7011242	.0638973	.2058646
#2	2.151322	154.9741	.0567503	-.001791	1.371569	.0601598	.1998978
#3	2.147167	155.3793	.0562470	-.001337	.734349	.0601214	.2087572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.413526	1.833377	.0626787	.0066121	.6975442	.6705947	.0145780
Stddev	.060615	.006598	.0012415	.0002542	.0005733	.0058953	.0004446
%RSD	4.288242	.3598676	1.980795	3.845087	.0821899	.8791215	3.049694

#1	1.345136	1.827967	.0636303	.0066137	.6972493	.6771626	.0144607
#2	1.460619	1.831439	.0631314	.0063571	.6971784	.6657608	.0150695
#3	1.434822	1.840728	.0612743	.0068656	.6982049	.6688607	.0142039

Sample Name: P2146-05 Acquired: 04/18/2024 13:46:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07X3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5915548	.0190126	.4404577
Stddev	.0011797	.0006802	.0009872
%RSD	.1994151	3.577810	.2241314

#1	.5929125	.0182271	.4408839
#2	.5907802	.0194009	.4411602
#3	.5909718	.0194097	.4393290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.827	46381.35	5824.917	1342.503	2041.940
Stddev	1.206	63.86	4.717	2.885	3.875
%RSD	.0664252	.1376951	.0809819	.2149028	.1897501

#1	1814.545	46426.13	5829.934	1344.218	2044.250
#2	1816.939	46308.22	5820.572	1344.118	2044.103
#3	1815.997	46409.71	5824.245	1339.172	2037.467

Sample Name: P2146-06 Acquired: 04/18/2024 13:50:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393211	-.002754	.0974957	-.021048	.0017771	50.30245	.5554359
Stddev	.0012663	.002256	.0031064	.003630	.0027875	.20032	.0009934
%RSD	3.220500	81.91375	3.186236	17.24701	156.8555	.3982397	.1788526

#1	.0389885	-.003461	.1010466	-.025077	-.001442	50.51272	.5549483
#2	.0382542	-.004572	.0952809	-.020035	.003374	50.11383	.5547806
#3	.0407205	-.000229	.0961594	-.018032	.003398	50.28079	.5565789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050674	.0059714	41.21859	.0975498	.0649928	.0836230	119.4672
Stddev	.0000639	.0001871	.07292	.0005123	.0003545	.0018049	.2565
%RSD	1.261109	3.133378	.1769134	.5251327	.5454303	2.158320	.2147260

#1	.0050882	.0059242	41.21313	.0974456	.0650615	.0852679	119.2066
#2	.0051183	.0058125	41.14855	.0981062	.0646090	.0816923	119.4757
#3	.0049957	.0061776	41.29409	.0970977	.0653079	.0839087	119.7195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.777154	12.37005	.0995132	-.004001	3.946102	.1469098	.3533491
Stddev	.018222	.05680	.0007451	.000126	.182015	.0025594	.0038381
%RSD	.2688774	.4591611	.7487968	3.157135	4.612522	1.742137	1.086200

#1	6.771167	12.37881	.1001814	-.004133	4.155908	.1474287	.3534642
#2	6.762679	12.30938	.0987096	-.003882	3.830443	.1441307	.3494547
#3	6.797617	12.42196	.0996488	-.003989	3.851956	.1491699	.3571283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.848434	3.521068	.1278907	.0058697	.8727855	1.871992	.0060006
Stddev	.049257	.003463	.0005092	.0003915	.0035102	.007613	.0017688
%RSD	.8422246	.0983575	.3981303	6.670076	.4021826	.4066767	29.47792

#1	5.849051	3.521584	.1280945	.0059263	.8764620	1.877461	.0039701
#2	5.798871	3.524244	.1282664	.0054530	.8694694	1.863297	.0068246
#3	5.897379	3.517375	.1273112	.0062299	.8724251	1.875218	.0072071

Sample Name: P2146-06 Acquired: 04/18/2024 13:50:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5931981	.0270137	-.021080
Stddev	.0034499	.0006428	.000443
%RSD	.5815704	2.379380	2.102116

#1	.5967366	.0262804	-.020582
#2	.5898443	.0272812	-.021432
#3	.5930134	.0274794	-.021226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.687	53034.62	6374.612	1543.958	2380.829
Stddev	2.561	97.61	39.258	.688	1.418
%RSD	.1221253	.1840506	.6158525	.0445298	.0595450

#1	2094.667	53101.72	6380.049	1544.750	2380.359
#2	2095.826	52922.64	6410.868	1543.510	2382.422
#3	2099.567	53079.51	6332.918	1543.615	2379.707

Sample Name: P2146-07 Acquired: 04/18/2024 13:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567404	-.002861	.0853334	-.024550	.0004323	58.86100	.3673146
Stddev	.0011270	.002279	.0011447	.005894	.0012382	.10244	.0010077
%RSD	1.986170	79.65526	1.341456	24.00946	286.4260	.1740371	.2743392

#1	.0562870	-.000381	.0863726	-.019880	.0010680	58.94604	.3678881
#2	.0580235	-.004864	.0855214	-.022597	.0012236	58.74727	.3661510
#3	.0559108	-.003338	.0841064	-.031173	-.000995	58.88968	.3679046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050459	.0075663	9.470409	.0888366	.0643333	.1389314	127.0022
Stddev	.0001126	.0001306	.031208	.0006788	.0001826	.0021766	.2323
%RSD	2.230882	1.726419	.3295342	.7640690	.2838204	1.566682	.1828966

#1	.0050905	.0076714	9.499502	.0895959	.0645121	.1408411	127.2109
#2	.0049178	.0076075	9.437447	.0886249	.0643407	.1365615	127.0437
#3	.0051293	.0074201	9.474277	.0882889	.0641472	.1393917	126.7520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.565693	10.68188	.1627481	-.004252	1.868986	.1503728	.4168617
Stddev	.003734	.12406	.0009577	.000371	.054704	.0013404	.0081314
%RSD	.1047139	1.161390	.5884344	8.735433	2.926922	.8913972	1.950627

#1	3.567549	10.55707	.1637868	-.003876	1.927628	.1503790	.4179316
#2	3.568135	10.80517	.1619001	-.004619	1.859998	.1490293	.4244052
#3	3.561395	10.68338	.1625574	-.004261	1.819333	.1517101	.4082483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.014826	3.099073	.1319383	.0113841	.6475459	1.314797	.0004615
Stddev	.023483	.001056	.0015567	.0005381	.0027626	.005256	.0011401
%RSD	.5849107	.0340719	1.179859	4.726923	.4266247	.3997939	247.0348

#1	4.041647	3.098901	.1313341	.0120032	.6462942	1.318754	.0009412
#2	3.997963	3.098113	.1337065	.0111208	.6507128	1.308833	-.000840
#3	4.004867	3.100204	.1307743	.0110283	.6456307	1.316804	.001283

Sample Name: P2146-07 Acquired: 04/18/2024 13:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6150882	.0284604	-.082223
Stddev	.0022258	.0009585	.000087
%RSD	.3618717	3.367830	.1056352

#1	.6125599	.0295579	-.082323
#2	.6159519	.0280355	-.082176
#3	.6167527	.0277877	-.082169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.206	57633.59	6954.056	1678.826	2395.656
Stddev	1.276	71.72	13.905	8.389	2.557
%RSD	.0562341	.1244377	.1999560	.4996717	.1067549

#1	2268.026	57623.63	6945.819	1681.966	2392.706
#2	2270.560	57567.38	6970.111	1685.192	2397.002
#3	2269.032	57709.77	6946.239	1669.320	2397.259

Sample Name: P2146-08 Acquired: 04/18/2024 13:58:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441534	-.000693	.0675530	-.023101	.0003462	53.31379	.3963109
Stddev	.0055237	.003514	.0029603	.003773	.0050642	.16766	.0011741
%RSD	12.51030	507.3281	4.382243	16.33400	1462.677	.3144787	.2962520

#1	.0455167	.003281	.0689918	-.025592	.0061936	53.43570	.3961594
#2	.0488678	-.001969	.0695189	-.024951	-.002526	53.12259	.3952199
#3	.0380757	-.003391	.0641482	-.018759	-.002629	53.38307	.3975534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046131	.0062388	7.514951	.0714027	.0497554	.1051579	105.5608
Stddev	.0001029	.0000782	.017066	.0001920	.0002491	.0013678	.2636
%RSD	2.231270	1.253400	.2270874	.2689084	.5006469	1.300727	.2497602

#1	.0045679	.0061580	7.525859	.0716211	.0500278	.1046306	105.8064
#2	.0045406	.0063142	7.523709	.0713265	.0496992	.1067109	105.5938
#3	.0047310	.0062442	7.495284	.0712605	.0495392	.1041322	105.2822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.825438	8.367091	.1263971	-.003599	1.375655	.1361356	.3163068
Stddev	.002443	.011080	.0010494	.000306	.095184	.0060833	.0040757
%RSD	.0864585	.1324194	.8302359	8.505592	6.919158	4.468572	1.288525

#1	2.823147	8.372741	.1261308	-.003561	1.484267	.1353703	.3188073
#2	2.825158	8.354326	.1255064	-.003315	1.335929	.1425653	.3116038
#3	2.828008	8.374208	.1275539	-.003923	1.306770	.1304711	.3185095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.409343	2.375450	.1003116	.0083587	.5704442	2.174542	-.000105
Stddev	.055082	.009397	.0003223	.0007076	.0116251	.003463	.001162
%RSD	1.615620	.3955728	.3213269	8.466070	2.037910	.1592448	1110.028

#1	3.450210	2.379938	.0999438	.0084158	.5585134	2.170898	-.000153
#2	3.346703	2.381762	.1005452	.0090361	.5817374	2.174940	-.001242
#3	3.431118	2.364651	.1004457	.0076242	.5710818	2.177789	.001080

Sample Name: P2146-08 Acquired: 04/18/2024 13:58:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5718341	.0225931	-.069398
Stddev	.0009377	.0003032	.000335
%RSD	.1639789	1.341811	.4824460

#1	.5717885	.0223902	-.069621
#2	.5727938	.0229416	-.069559
#3	.5709201	.0224475	-.069013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.222	56481.84	6847.457	1655.305	2429.564
Stddev	5.187	47.00	16.432	1.971	4.188
%RSD	.2357616	.0832087	.2399731	.1191017	.1723844

#1	2204.325	56528.76	6840.489	1654.661	2430.711
#2	2201.950	56482.00	6866.225	1657.519	2433.060
#3	2194.391	56434.77	6835.657	1653.737	2424.922

Sample Name: P2146-09 Acquired: 04/18/2024 14:02:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428408	.0002007	.0632395	-.017024	-.000127	28.76990	.1826055
Stddev	.0029166	.0035707	.0028977	.004551	.001012	.08054	.0003757
%RSD	6.808068	1778.820	4.582171	26.73453	798.6938	.2799359	.2057341

#1	.0407489	.0037544	.0618172	-.012716	-.001190	28.86041	.1822090
#2	.0461725	.0002345	.0613276	-.016570	.000825	28.70615	.1826512
#3	.0416009	-.003387	.0665735	-.021785	-.000015	28.74312	.1829562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029890	.0062393	13.42520	.0893994	.0555453	.1210103	84.78990
Stddev	.0001995	.0001294	.03334	.0006582	.0004303	.0006365	.54533
%RSD	6.675794	2.073376	.2483695	.7362801	.7746911	.5259526	.6431577

#1	.0031845	.0060930	13.45884	.0888124	.0551570	.1203727	85.33909
#2	.0027856	.0062860	13.42459	.0892746	.0554711	.1210125	84.78210
#3	.0029968	.0063387	13.39216	.0901110	.0560079	.1216456	84.24851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.210247	10.91346	.1445491	-.002680	1.026644	.1004722	.2997367
Stddev	.013167	.11585	.0007200	.000221	.006151	.0022428	.0052987
%RSD	.4101412	1.061569	.4981326	8.230728	.5991720	2.232224	1.767803

#1	3.223890	10.94988	.1453805	-.002614	1.020135	.1020083	.3011517
#2	3.209234	11.00672	.1441308	-.002500	1.032361	.1015099	.3041843
#3	3.197616	10.78377	.1441359	-.002926	1.027436	.0978985	.2938741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.985074	2.333962	.0802903	.0180319	.3891714	1.429435	-.000056
Stddev	.053314	.023097	.0010772	.0006015	.0073589	.007413	.002487
%RSD	1.786034	.9896052	1.341685	3.335915	1.890908	.5186017	4479.127

#1	3.032183	2.324663	.0812838	.0185836	.3848389	1.420877	.000306
#2	2.995841	2.360259	.0804418	.0173906	.3850071	1.433552	-.002704
#3	2.927198	2.316964	.0791454	.0181214	.3976681	1.433875	.002231

Sample Name: P2146-09 Acquired: 04/18/2024 14:02:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5681080	.0268239	-.034745
Stddev	.0021039	.0009650	.000471
%RSD	.3703253	3.597652	1.354870

#1	.5703596	.0276017	-.035082
#2	.5661922	.0271260	-.034945
#3	.5677722	.0257439	-.034207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.809	55783.55	6682.164	1636.103	2437.885
Stddev	6.733	142.88	12.422	6.736	2.209
%RSD	.3133454	.2561415	.1858923	.4117380	.0906127

#1	2141.039	55697.45	6682.917	1630.041	2436.987
#2	2152.918	55948.49	6694.192	1634.913	2436.266
#3	2152.470	55704.72	6669.383	1643.355	2440.401

Sample Name: P2146-10 Acquired: 04/18/2024 14:06:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430058	.0011910	.0431712	-.005401	-.000420	17.82648	.0968344
Stddev	.0048904	.0024618	.0017787	.000667	.002409	.06501	.0005332
%RSD	11.37158	206.6990	4.120145	12.35740	573.7912	.3646778	.5505853

#1	.0470346	-.000842	.0427135	-.005040	-.003189	17.86764	.0973525
#2	.0444183	.003928	.0451340	-.004992	.000733	17.86028	.0968633
#3	.0375646	.000487	.0416661	-.006171	.001196	17.75154	.0962873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019755	.0047913	666.3846	.0451846	.0301280	.0903083	64.12500
Stddev	.0000717	.0001140	.9673	.0004016	.0003324	.0019792	.18717
%RSD	3.630865	2.379257	.1451523	.8888787	1.103260	2.191622	.2918871

#1	.0020026	.0047512	667.3552	.0449173	.0304617	.0888997	64.32662
#2	.0018941	.0049199	666.3779	.0449901	.0297970	.0925712	64.09162
#3	.0020296	.0047027	665.4207	.0456465	.0301252	.0894540	63.95676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.271909	179.4879	.0956965	-.002255	1.438080	.0749418	.3055572
Stddev	.006444	.1521	.0005745	.000202	.190666	.0020494	.0061220
%RSD	.2836346	.0847489	.6003892	8.962358	13.25836	2.734693	2.003535

#1	2.276919	179.5654	.0953524	-.002040	1.640548	.0757162	.3022189
#2	2.274169	179.5856	.0953773	-.002440	1.261957	.0726180	.3018301
#3	2.264640	179.3126	.0963598	-.002285	1.411735	.0764911	.3126227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.785006	2.437471	.0820962	.0112529	.8280977	1.071889	.0231153
Stddev	.073422	.013555	.0003459	.0004181	.0121140	.007635	.0013478
%RSD	2.636329	.5561062	.4212930	3.715301	1.462874	.7122882	5.830814

#1	2.828076	2.422102	.0816977	.0108907	.8141511	1.078844	.0216909
#2	2.826713	2.447718	.0823181	.0117104	.8360030	1.063720	.0243706
#3	2.700229	2.442594	.0822729	.0111577	.8341390	1.073103	.0232842

Sample Name: P2146-10 Acquired: 04/18/2024 14:06:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5239989	.0297479	.4574220
Stddev	.0005179	.0010988	.0005749
%RSD	.0988373	3.693853	.1256757

#1	.5243866	.0284796	.4580507
#2	.5241994	.0303477	.4572921
#3	.5234107	.0304163	.4569232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.010	46630.74	5906.259	1349.551	2006.555
Stddev	1.680	48.61	33.168	7.417	3.114
%RSD	.0926050	.1042469	.5615670	.5496029	.1552029

#1	1813.240	46677.83	5868.036	1354.811	2003.226
#2	1815.937	46580.74	5927.451	1341.068	2009.397
#3	1812.853	46633.65	5923.291	1352.775	2007.042

Sample Name: P2146-11 Acquired: 04/18/2024 14:10:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395268	.0019300	.0405114	-.008408	.0012282	17.63229	.0950422
Stddev	.0114625	.0018780	.0012625	.003029	.0025679	.04883	.0004618
%RSD	28.99917	97.30456	3.116384	36.02021	209.0717	.2769606	.4859140

#1	.0296033	.0000761	.0400769	-.011703	-.001670	17.67610	.0952613
#2	.0520735	.0038311	.0395235	-.007776	.002137	17.64111	.0953538
#3	.0369038	.0018828	.0419337	-.005746	.003218	17.57964	.0945116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020726	.0046661	669.6984	.0436486	.0299722	.0876696	65.12967
Stddev	.0000982	.0001090	.5920	.0007533	.0003197	.0027330	.12464
%RSD	4.739500	2.335545	.0884015	1.725777	1.066703	3.117332	.1913725

#1	.0021746	.0047183	670.0376	.0428877	.0296080	.0880106	65.00368
#2	.0019787	.0047392	670.0428	.0436640	.0301019	.0902160	65.25292
#3	.0020646	.0045408	669.0148	.0443940	.0302067	.0847821	65.13241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.265855	181.8044	.0932108	-.002583	1.084286	.0723045	.2964910
Stddev	.009198	.2917	.0008827	.000376	.224249	.0016330	.0037226
%RSD	.4059509	.1604639	.9470404	14.57148	20.68170	2.258556	1.255559

#1	2.255245	181.5996	.0941990	-.002184	.980238	.0725095	.2932206
#2	2.270737	182.1385	.0925004	-.002932	.930962	.0705786	.2957104
#3	2.271583	181.6753	.0929330	-.002634	1.341659	.0738253	.3005420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.739405	2.415438	.0869695	.0117659	.7667633	1.153814	.0208630
Stddev	.026596	.019142	.0012507	.0005114	.0056440	.000780	.0016457
%RSD	.9708571	.7924855	1.438127	4.346889	.7360769	.0675708	7.887952

#1	2.750207	2.436683	.0855861	.0122724	.7706037	1.152939	.0203003
#2	2.758900	2.410099	.0873018	.0117756	.7602832	1.154435	.0227162
#3	2.709108	2.399533	.0880205	.0112497	.7694031	1.154068	.0195725

Sample Name: P2146-11 Acquired: 04/18/2024 14:10:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5285054	.0299166	.4556107
Stddev	.0006238	.0015639	.0015379
%RSD	.1180323	5.227445	.3375466

#1	.5292249	.0316594	.4571990
#2	.5281761	.0294548	.4555045
#3	.5281153	.0286356	.4541287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.096	46051.81	5851.705	1337.637	2006.149
Stddev	2.199	161.02	8.367	2.295	1.864
%RSD	.1210294	.3496400	.1429792	.1715546	.0929254

#1	1819.008	46093.39	5860.079	1338.688	2008.198
#2	1817.587	46187.95	5851.692	1339.218	2004.553
#3	1814.693	45874.08	5843.345	1335.005	2005.695

Sample Name: P2146-10LX5 Acquired: 04/18/2024 14:14:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050576	.0008688	.0084948	-.000601	-.001537	3.430783	.0195015
Stddev	.0035827	.0012925	.0020972	.007747	.000945	.011766	.0003616
%RSD	70.83882	148.7655	24.68789	1289.750	61.46757	.3429650	1.854204

#1	.0012928	.0022083	.0107869	.008344	-.002627	3.417827	.0194424
#2	.0084252	-.000371	.0066720	-.005143	-.001017	3.440803	.0191731
#3	.0054547	.000769	.0080255	-.005004	-.000966	3.433720	.0198890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005223	.0007466	133.4722	.0087688	.0044688	.0207968	13.69933
Stddev	.0000682	.0001310	.1223	.0002403	.0001650	.0025905	.02009
%RSD	13.05957	17.54762	.0916155	2.740914	3.691253	12.45623	.1466503

#1	.0005890	.0006965	133.5892	.0090458	.0044967	.0178737	13.70358
#2	.0005251	.0008953	133.4821	.0086453	.0046179	.0217088	13.71695
#3	.0004527	.0006481	133.3452	.0086155	.0042916	.0228080	13.67745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4723842	36.00271	.0181500	-.000647	.1796744	.0114444	.0438502
Stddev	.0003168	.16472	.0002780	.000066	.0875315	.0036102	.0030300
%RSD	.0670678	.4575281	1.531452	10.21979	48.71676	31.54553	6.909952

#1	.4722025	36.03671	.0184611	-.000643	.1514500	.0095399	.0416308
#2	.4727500	35.82364	.0180627	-.000583	.1097371	.0156080	.0426175
#3	.4722000	36.14778	.0179261	-.000715	.2778360	.0091852	.0473023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4942095	.4204379	.0178976	.0017898	.1340019	.2178814	.0011379
Stddev	.0406600	.0023705	.0007845	.0005610	.0036424	.0016809	.0001969
%RSD	8.227286	.5638293	4.382983	31.34553	2.718155	.7714779	17.30086

#1	.4914705	.4177433	.0187734	.0023078	.1335637	.2159837	.0009363
#2	.4549883	.4213685	.0172593	.0018678	.1378436	.2191830	.0013297
#3	.5361698	.4222020	.0176602	.0011939	.1305985	.2184776	.0011479

Sample Name: P2146-10LX5 Acquired: 04/18/2024 14:14:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1058832	.0052055	.0904095
Stddev	.0018118	.0008117	.0001669
%RSD	1.711108	15.59407	.1846039

#1	.1071474	.0060159	.0903226
#2	.1066948	.0043924	.0906019
#3	.1038075	.0052083	.0903039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.606	46981.52	5746.280	1366.076	2279.100
Stddev	4.865	40.46	16.311	10.950	2.782
%RSD	.2590934	.0861242	.2838602	.8015781	.1220852

#1	1872.000	46961.51	5736.524	1355.631	2276.454
#2	1880.719	47028.09	5737.205	1377.470	2278.844
#3	1880.099	46954.96	5765.111	1365.127	2282.001

Sample Name: P2146-12 Acquired: 04/18/2024 14:19:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103199	.0831282	.0757510	.1735916	.1802618	19.41704	3.588010
Stddev	.0007781	.0027915	.0031986	.0100042	.0021511	.03190	.002303
%RSD	.7052977	3.358127	4.222468	5.763082	1.193302	.1642837	.0641815

#1	.1108432	.0833633	.0774416	.1622338	.1820638	19.38225	3.585934
#2	.1094258	.0857948	.0720619	.1810968	.1778803	19.44492	3.587610
#3	.1106908	.0802266	.0777496	.1774441	.1808411	19.42394	3.590487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913386	.0992031	627.3930	.4225026	.9397004	.5145565	61.98711
Stddev	.0004425	.0001167	1.7543	.0011297	.0012157	.0024564	.33326
%RSD	.4844945	.1176722	.2796176	.2673868	.1293735	.4773874	.5376308

#1	.0915822	.0992597	629.0566	.4221509	.9409868	.5120804	62.33608
#2	.0916058	.0990688	627.5623	.4237664	.9385705	.5169928	61.95310
#3	.0908278	.0992807	625.5602	.4215906	.9395439	.5145964	61.67216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.969870	165.2287	1.004594	.0885203	.8796739	.9373165	1.160197
Stddev	.006000	1.2715	.001961	.0004107	.1211200	.0054870	.007997
%RSD	.2020245	.7695512	.1951549	.4639902	13.76873	.5853957	.6892769

#1	2.976003	166.5833	1.003680	.0889788	1.019438	.9314307	1.164192
#2	2.964012	165.0418	1.003258	.0881859	.805371	.9422905	1.165410
#3	2.969594	164.0610	1.006845	.0883963	.814213	.9382283	1.150990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539880	2.186445	.0872934	.0101598	.7089958	1.046549	.0163360
Stddev	.066503	.013252	.0013289	.0001966	.0065008	.002105	.0020699
%RSD	2.618358	.6061193	1.522360	1.935287	.9169036	.2011194	12.67072

#1	2.546374	2.191546	.0885546	.0099922	.7035120	1.047093	.0152971
#2	2.602898	2.171400	.0874197	.0103762	.7072986	1.048328	.0149914
#3	2.470368	2.196389	.0859058	.0101110	.7161769	1.044225	.0187196

Sample Name: P2146-12 Acquired: 04/18/2024 14:19:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4808900	.0284609	.4234540
Stddev	.0010246	.0016310	.0002100
%RSD	.2130609	5.730579	.0495975

#1	.4818416	.0302949	.4232147
#2	.4798054	.0271733	.4235395
#3	.4810231	.0279145	.4236077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.401	45995.66	5828.724	1340.865	2029.888
Stddev	4.042	93.28	17.812	6.133	4.289
%RSD	.2190281	.2027910	.3055887	.4574164	.2113147

#1	1848.295	45889.74	5831.492	1334.100	2034.554
#2	1847.124	46065.53	5809.690	1342.433	2028.992
#3	1840.783	46031.71	5844.990	1346.062	2026.117

Sample Name: P2146-13 Acquired: 04/18/2024 14:22:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318077	.0010689	.0278458	-.003337	.0008683	11.59126	.0633714
Stddev	.0037095	.0037703	.0038963	.003271	.0008739	.05657	.0004223
%RSD	11.66222	352.7306	13.99237	98.03964	100.6418	.4879988	.6663881

#1	.0326500	.0035148	.0298527	-.006670	.0000925	11.52597	.0629210
#2	.0277495	-.003273	.0303296	-.000131	.0018151	11.62571	.0637584
#3	.0350237	.002965	.0233552	-.003210	.0006974	11.62209	.0634347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014574	.0032541	512.5066	.0458545	.0229254	.0512068	50.51382
Stddev	.0001445	.0001090	.7193	.0004564	.0002322	.0021981	.12740
%RSD	9.914975	3.350129	.1403528	.9952841	1.012707	4.292697	.2522166

#1	.0013399	.0033467	512.5187	.0462202	.0229562	.0529025	50.55534
#2	.0016188	.0031340	513.2198	.0453430	.0226793	.0487233	50.61529
#3	.0014137	.0032817	511.7813	.0460002	.0231406	.0519945	50.37084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768873	119.0593	.0694115	-.001920	1.119375	.0597158	.2233823
Stddev	.005144	.4880	.0010833	.000327	.179349	.0026105	.0143698
%RSD	.2907886	.4099194	1.560729	17.03094	16.02224	4.371536	6.432842

#1	1.764993	119.0980	.0705064	-.001698	1.325880	.0622723	.2381631
#2	1.774707	119.5268	.0693880	-.001767	1.002605	.0570544	.2094622
#3	1.766917	118.5530	.0683401	-.002296	1.029639	.0598208	.2225215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729468	1.726231	.0649739	.0048893	.6082454	.8214776	.0107666
Stddev	.052685	.004854	.0001800	.0008635	.0017476	.0086920	.0012536
%RSD	3.046322	.2811717	.2769992	17.66110	.2873217	1.058091	11.64334

#1	1.681347	1.729594	.0648341	.0051024	.6066432	.8292775	.0111534
#2	1.721296	1.728433	.0651770	.0039391	.6101090	.8121076	.0093652
#3	1.785762	1.720667	.0649107	.0056262	.6079840	.8230477	.0117813

Sample Name: P2146-13 Acquired: 04/18/2024 14:22:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E07Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5479939	.0183635	.3710894
Stddev	.0019258	.0005025	.0003387
%RSD	.3514298	2.736331	.0912728

#1	.5494033	.0183048	.3706988
#2	.5487789	.0178929	.3712674
#3	.5457996	.0188927	.3713019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.640	46476.81	5873.693	1351.880	2094.726
Stddev	4.956	67.49	9.979	2.309	3.555
%RSD	.2669583	.1452219	.1698954	.1708357	.1696940

#1	1857.540	46551.57	5872.853	1353.947	2095.991
#2	1861.084	46420.37	5864.161	1349.387	2097.475
#3	1851.295	46458.48	5884.066	1352.307	2090.712

Sample Name: P2011-01 Acquired: 04/18/2024 14:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001575	-.002622	.0030716	-.002536	-.003037	.1554624	.0693710
Stddev	.001661	.001628	.0015238	.004357	.003124	.0090973	.0005702
%RSD	105.4471	62.10298	49.60881	171.7979	102.8859	5.851746	.8219464

#1	-.003347	-.002423	.0032116	-.002878	-.001875	.1592767	.0689414
#2	-.001324	-.004340	.0045205	.001982	-.000659	.1620317	.0691538
#3	-.000054	-.001102	.0014826	-.006712	-.006575	.1450789	.0700179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001390	.0000101	77.42728	.0462740	-.000823	.0026150	2.424972
Stddev	.0000181	.0001683	.44166	.0003137	.000204	.0025161	.012344
%RSD	13.01238	1663.054	.5704251	.6778065	24.80733	96.21572	.5090312

#1	.0001343	-.000088	76.94618	.0465841	-.000790	.0043157	2.410841
#2	.0001590	-.000086	77.52129	.0462811	-.001041	-.000275	2.433650
#3	.0001237	.000204	77.81437	.0459569	-.000637	.003805	2.430426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033613	18.92901	.0328218	.0000372	55.99043	-.000808	-.005612
Stddev	.0008669	.05089	.0003728	.0004320	.02371	.001270	.004384
%RSD	.8386806	.2688221	1.135917	1160.330	.0423440	157.1519	78.11916

#1	.1024421	18.87042	.0326371	.0004588	55.97151	.000638	-.002517
#2	.1034776	18.95450	.0332510	.0000573	56.01702	-.001741	-.010628
#3	.1041641	18.96212	.0325775	-.000404	55.98275	-.001321	-.003690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637308	.0475548	.0277595	.0028276	16.14321	2.140316	-.003808
Stddev	.061790	.0017236	.0007487	.0002630	.05457	.015484	.001250
%RSD	3.773895	3.624367	2.697126	9.300966	.3380365	.7234577	32.82585

#1	1.578550	.0484314	.0269418	.0026417	16.11664	2.125050	-.004575
#2	1.701739	.0486640	.0279252	.0027126	16.10701	2.139888	-.004484
#3	1.631635	.0455692	.0284115	.0031285	16.20597	2.156010	-.002366

Sample Name: P2011-01 Acquired: 04/18/2024 14:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033852	-.006581	.1306346
Stddev	.0004594	.001132	.0005130
%RSD	13.57097	17.19631	.3927177

#1	.0028553	-.007853	.1300499
#2	.0036288	-.006205	.1310091
#3	.0036715	-.005685	.1308449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.294	47463.28	5882.458	1373.856	2358.881
Stddev	2.181	78.95	39.367	9.340	4.395
%RSD	.1156703	.1663368	.6692338	.6798365	.1863065

#1	1887.199	47541.93	5920.591	1380.166	2361.746
#2	1885.769	47463.88	5884.823	1378.275	2361.075
#3	1882.916	47384.03	5841.962	1363.126	2353.821

Sample Name: P2011-02 Acquired: 04/18/2024 14:46:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000597	-.001101	.0048425	-.000949	-.001859	.1568485	.0680502
Stddev	.004107	.002287	.0030727	.002247	.001514	.0062040	.0003793
%RSD	688.1180	207.7357	63.45391	236.8348	81.43479	3.955426	.5574111

#1	-.001296	-.001813	.0021434	-.000396	-.001625	.1532441	.0681936
#2	.003815	.001457	.0041975	.000970	-.003477	.1532892	.0683370
#3	-.004309	-.002947	.0081865	-.003421	-.000476	.1640123	.0676201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000878	.0000270	76.90131	.0453803	-.000611	.0016062	2.450803
Stddev	.0000828	.0000562	.17126	.0002046	.000144	.0046998	.016212
%RSD	94.29179	208.1156	.2227021	.4507527	23.54338	292.6104	.6615029

#1	-.000006	-.000037	76.87456	.0451442	-.000661	.0068995	2.436500
#2	.000117	.000067	76.74501	.0455058	-.000724	-.002077	2.447494
#3	.000152	.000051	77.08438	.0454908	-.000449	-.000004	2.468414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026278	19.00143	.0323108	-.000104	55.52617	-.002389	-.006434
Stddev	.0003464	.06372	.0002690	.000384	.29348	.003698	.003927
%RSD	.3375539	.3353456	.8326554	370.7899	.5285420	154.7855	61.02975

#1	.1026993	19.07162	.0325456	-.000480	55.86137	-.002424	-.010625
#2	.1022512	18.94722	.0323697	-.000120	55.31547	-.006070	-.002841
#3	.1029329	18.98546	.0320172	.000289	55.40165	.001326	-.005836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583058	.0513839	.0275959	.0031145	15.97986	2.132382	-.004205
Stddev	.030958	.0032708	.0009635	.0006527	.03378	.007420	.001204
%RSD	1.955578	6.365341	3.491625	20.95773	.2114099	.3479796	28.61953

#1	1.549928	.0517348	.0267176	.0035854	16.01873	2.140885	-.005389
#2	1.587998	.0544651	.0274435	.0023694	15.96327	2.129046	-.004244
#3	1.611250	.0479518	.0286265	.0033888	15.95758	2.127216	-.002983

Sample Name: P2011-02 Acquired: 04/18/2024 14:46:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0042359	-.005883	.1294662
Stddev	.0011149	.000276	.0005298
%RSD	26.31984	4.696922	.4092457

#1	.0029753	-.006143	.1297211
#2	.0050923	-.005593	.1288570
#3	.0046403	-.005912	.1298203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.096	48076.43	5932.197	1385.331	2388.429
Stddev	2.753	90.98	14.470	4.747	.842
%RSD	.1443666	.1892416	.2439223	.3426292	.0352700

#1	1910.225	48180.74	5917.990	1386.407	2387.660
#2	1906.017	48013.47	5946.916	1380.139	2388.296
#3	1905.046	48035.07	5931.684	1389.447	2389.329

Sample Name: CCV002 Acquired: 04/18/2024 14:50:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020462	4.858886	25.15289	5.026509	5.002018	394.5067	10.21907
Stddev	.029127	.010706	.05502	.019935	.021299	1.9800	.05028
%RSD	.5801559	.2203294	.2187494	.3965978	.4258042	.5019047	.4920541

#1	4.986833	4.851441	25.11463	5.008658	4.991887	395.6541	10.24794
#2	5.036854	4.871154	25.12809	5.048021	4.987677	395.6457	10.24825
#3	5.037699	4.854062	25.21594	5.022848	5.026492	392.2203	10.16100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959228	2.547412	394.9267	15.70391	2.568860	14.24411	382.0099
Stddev	.0027539	.006795	2.0714	.01479	.004131	.08577	2.2982
%RSD	.5553051	.2667523	.5244951	.0942019	.1608127	.6021471	.6016082

#1	.4978764	2.543391	396.6193	15.71757	2.566206	14.28169	384.0687
#2	.4971187	2.543587	395.5440	15.70597	2.566755	14.30468	382.4305
#3	.4927731	2.555257	392.6169	15.68820	2.573620	14.14596	379.5304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64671	377.2858	2.575958	1.290393	385.7695	2.476641	16.20924
Stddev	.08386	2.0341	.002201	.003951	1.8851	.008724	.01755
%RSD	.5725213	.5391421	.0854450	.3061695	.4886480	.3522679	.1082614

#1	14.71325	379.3522	2.573425	1.289171	386.4746	2.486278	16.22811
#2	14.67435	377.2195	2.577042	1.294810	387.2004	2.474365	16.20623
#3	14.55252	375.2856	2.577408	1.287197	383.6335	2.469281	16.19340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.4176	5.050064	5.020370	5.036958	5.127789	4.839244	5.186327
Stddev	.6074	.031194	.033754	.013135	.009536	.030431	.011174
%RSD	.4065156	.6176944	.6723319	.2607799	.1859713	.6288440	.2154444

#1	149.9243	5.039228	5.047908	5.022990	5.117096	4.859471	5.193165
#2	149.5841	5.025733	5.030486	5.038824	5.130858	4.854016	5.173433
#3	148.7442	5.085231	4.982715	5.049061	5.135412	4.804247	5.192383

Sample Name: CCV002 Acquired: 04/18/2024 14:50:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.868298	4.888561	4.651062
Stddev	.024744	.010689	.024517
%RSD	.5082678	.2186561	.5271337

#1	4.884431	4.890414	4.668805
#2	4.880653	4.898203	4.661296
#3	4.839810	4.877067	4.623086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.821	41382.49	5436.669	1163.680	1800.047
Stddev	4.777	75.42	32.883	1.288	4.610
%RSD	.3027399	.1822588	.6048293	.1106659	.2560997

#1	1581.427	41351.74	5415.550	1162.203	1802.227
#2	1579.633	41327.29	5419.901	1164.271	1803.162
#3	1572.404	41468.43	5474.555	1164.567	1794.751

Sample Name: CCB002 Acquired: 04/18/2024 14:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009244	.0010562	.0003378	-.000299	-.000253	.0004630
Stddev	.0050031	.0012660	.0009724	.001478	.001686	.0026264
%RSD	541.2144	119.8734	287.9061	493.7625	667.3555	567.3184

#1	-.004331	.0011288	-.000172	.000408	-.001498	.0013203
#2	.005629	.0022843	.001459	.000693	-.000926	-.002485
#3	.001475	-.000245	-.000274	-.001998	.001666	.002554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012097	.0001059	-.000072	-.017291	-.000476	-.000055
Stddev	.0003022	.0000454	.000079	.003811	.000691	.000300
%RSD	24.98093	42.87116	109.5342	22.04184	145.1253	541.7121

#1	.0014310	.0001548	-.000122	-.015836	.000105	.000121
#2	.0008654	.0000981	.000019	-.014421	-.001240	.000115
#3	.0013328	.0000650	-.000113	-.021615	-.000293	-.000402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002837	.0244767	.0006922	-.036061	.0001629	.0000797
Stddev	.002498	.0116155	.0007724	.002502	.0004644	.0002559
%RSD	88.03307	47.45540	111.5838	6.937807	285.0881	321.2007

#1	-.000423	.0213096	.0008835	-.036893	-.000217	-.000200
#2	-.002678	.0373474	-.000158	-.038042	.000681	.000302
#3	-.005411	.0147733	.001351	-.033250	.000025	.000137

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670819	.0004367	-.017781	-.154298	-.005453	F .0102699
Stddev	.2762263	.0023355	.002355	.048395	.003447	.0009128
%RSD	411.7748	534.8457	13.24615	31.36452	63.21833	8.887637

#1	-.200001	.0028671	-.016252	-.196382	-.007971	.0112959
#2	.049624	.0002335	-.016598	-.165094	-.001524	.0099657
#3	.351623	-.001791	-.020493	-.101417	-.006865	.0095481

Sample Name: CCB002 Acquired: 04/18/2024 14:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004058	-.007479	-.002482	-.001040	-.000565	-.004649
Stddev	.0003100	.002631	.000494	.001034	.000427	.001227
%RSD	76.39776	35.18120	19.90219	99.46115	75.46616	26.40336
#1	.0006059	-.008012	-.003051	-.000293	-.000980	-.003676
#2	.0000487	-.004622	-.002170	-.000606	-.000128	-.006028
#3	.0005627	-.009803	-.002224	-.002220	-.000587	-.004243

Elem	Sr4077
Units	ppm
Avg	.0000465
Stddev	.0000241
%RSD	51.82944
#1	.0000707
#2	.0000463
#3	.0000225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.901	49748.65	5874.817	1433.875	2512.880
Stddev	3.532	3.05	18.940	4.508	6.926
%RSD	.1805789	.0061283	.3223893	.3144270	.2756354
#1	1953.281	49751.05	5890.500	1433.639	2513.337
#2	1959.917	49749.67	5880.175	1429.489	2519.567
#3	1954.503	49745.21	5853.775	1438.497	2505.737

Sample Name: P2011-01LX5 Acquired: 04/18/2024 14:58:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003136	-.000942	.0029836	-.002140	-.002325	.0257684	.0146284
Stddev	.006450	.001448	.0019617	.004122	.004244	.0049860	.0001566
%RSD	205.6422	153.7732	65.74898	192.6571	182.5674	19.34913	1.070826

#1	.004198	-.002338	.0051517	-.006893	-.006125	.0290380	.0144662
#2	-.005685	-.001041	.0013317	.000449	.002254	.0282374	.0147789
#3	-.007922	.000554	.0024672	.000025	-.003102	.0200297	.0146400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001411	-.000032	15.56484	.0088604	-.000528	.0007683	.5007746
Stddev	.0000540	.000080	.06931	.0002698	.000098	.0011088	.0060969
%RSD	38.26978	252.8892	.4452702	3.045120	18.61122	144.3116	1.217502

#1	.0001034	.000021	15.64445	.0088899	-.000503	.0017979	.5067430
#2	.0001170	-.000124	15.51796	.0091143	-.000445	.0009126	.5010241
#3	.0002030	.000008	15.53211	.0085771	-.000636	-.000406	.4945568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210401	3.819372	.0063020	.0002648	11.40519	-.001675	-.015535
Stddev	.0002083	.034000	.0002712	.0001705	.17387	.000496	.006189
%RSD	.9901036	.8902060	4.303843	64.39945	1.524473	29.58488	39.83773

#1	.0209141	3.830916	.0061655	.0001624	11.21397	-.001842	-.008399
#2	.0212805	3.846097	.0066143	.0004617	11.55376	-.002066	-.019437
#3	.0209256	3.781102	.0061261	.0001703	11.44785	-.001118	-.018769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1794284	.0038306	.0086833	.0005826	3.038292	.4278438	-.004164
Stddev	.0326859	.0008404	.0005841	.0003244	.007092	.0036349	.001115
%RSD	18.21667	21.94027	6.726254	55.68137	.2334171	.8495935	26.78070

#1	.1974565	.0028635	.0092580	.0004811	3.038783	.4293052	-.005257
#2	.1991303	.0043838	.0087014	.0009456	3.045125	.4305207	-.004206
#3	.1416984	.0042446	.0080903	.0003210	3.030967	.4237057	-.003028

Sample Name: P2011-01LX5 Acquired: 04/18/2024 14:58:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004880	-.008681	.0268389
Stddev	.0007274	.001620	.0000386
%RSD	149.0474	18.66648	.1436557

#1	-.000186	-.009899	.0268703
#2	.000391	-.009302	.0268504
#3	.001259	-.006842	.0267959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.285	49413.79	5959.108	1424.395	2499.245
Stddev	7.171	93.60	19.534	7.572	3.382
%RSD	.3697497	.1894194	.3277988	.5315910	.1353367

#1	1946.071	49507.68	5945.925	1425.668	2502.209
#2	1940.000	49320.48	5949.850	1416.267	2499.967
#3	1931.784	49413.22	5981.550	1431.250	2495.561

Sample Name: P2011-03 Acquired: 04/18/2024 15:02:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357072	.0392879	.0258420	.0965500	.0945899	2.029879	2.028648
Stddev	.0061212	.0012624	.0006181	.0091883	.0056853	.013152	.003769
%RSD	17.14270	3.213248	2.391802	9.516609	6.010454	.6479209	.1857875

#1	.0424918	.0396070	.0251327	.1061876	.0986739	2.042867	2.032308
#2	.0305986	.0403601	.0261287	.0878891	.0880967	2.016569	2.024779
#3	.0340311	.0378965	.0262648	.0955734	.0969992	2.030200	2.028856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473998	.0483943	78.21540	.2617833	.4660590	.2332400	3.425445
Stddev	.0000861	.0000141	.23687	.0004539	.0012794	.0054262	.015622
%RSD	.1815972	.0291248	.3028467	.1733921	.2745106	2.326434	.4560445

#1	.0474278	.0484052	78.48709	.2619565	.4647070	.2373781	3.442543
#2	.0473032	.0483784	78.05224	.2612683	.4672507	.2270966	3.411919
#3	.0474683	.0483993	78.10686	.2621251	.4662192	.2352452	3.421872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6182100	19.07260	.5056945	.0457094	57.37331	.4903612	.4778011
Stddev	.0044809	.09736	.0008820	.0002564	.13793	.0047751	.0071307
%RSD	.7248166	.5104486	.1744087	.5609953	.2404011	.9737856	1.492393

#1	.6213313	19.17427	.5049594	.0460047	57.21448	.4882363	.4818959
#2	.6130757	19.06331	.5066725	.0455808	57.46290	.4958298	.4695673
#3	.6202232	18.98022	.5054518	.0455427	57.44256	.4870173	.4819400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744666	.0517753	.0347870	.0027978	16.47957	2.169764	.0010166
Stddev	.033512	.0026247	.0006338	.0003079	.03615	.009680	.0004368
%RSD	1.920847	5.069380	1.821850	11.00622	.2193775	.4461459	42.96809

#1	1.779979	.0534477	.0344797	.0031448	16.46521	2.178017	.0014660
#2	1.713304	.0531280	.0343654	.0026914	16.45280	2.159109	.0009903
#3	1.740715	.0487502	.0355158	.0025571	16.52069	2.172167	.0005935

Sample Name: P2011-03 Acquired: 04/18/2024 15:02:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: E0M00S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021458	-.005223	.1345589
Stddev	.0002062	.001037	.0009157
%RSD	9.607590	19.84917	.6805203

#1	.0020909	-.004456	.1354808
#2	.0019727	-.004811	.1336495
#3	.0023739	-.006403	.1345465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.538	47835.06	5887.669	1379.079	2340.749
Stddev	2.747	146.90	18.136	3.916	.232
%RSD	.1468774	.3070922	.3080263	.2839753	.0099145

#1	1869.716	47781.14	5868.494	1374.575	2340.885
#2	1873.602	47722.74	5904.547	1381.685	2340.881
#3	1868.295	48001.29	5889.966	1380.976	2340.481

Sample Name: CCV003 Acquired: 04/18/2024 15:15:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.983946	4.837503	24.93512	5.003312	4.986008	404.2155	10.32854
Stddev	.033113	.005496	.02835	.028767	.017275	.6537	.01007
%RSD	.6643931	.1136177	.1136922	.5749509	.3464772	.1617235	.0974515

#1	4.951797	4.840694	24.95024	4.970774	4.968010	403.5665	10.31816
#2	4.982094	4.831157	24.90241	5.025367	4.987560	404.8738	10.32920
#3	5.017946	4.840659	24.95270	5.013794	5.002456	404.2063	10.33826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4992240	2.534323	399.2789	15.60276	2.555349	14.68759	386.5314
Stddev	.0013519	.003995	.3876	.01831	.002406	.01325	.8508
%RSD	.2707966	.1576322	.0970830	.1173446	.0941402	.0902421	.2201155

#1	.5007140	2.537474	399.2412	15.60966	2.558094	14.67239	386.5377
#2	.4980758	2.529830	398.9115	15.61661	2.553611	14.69676	385.6775
#3	.4988823	2.535665	399.6840	15.58200	2.554341	14.69361	387.3791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78649	381.9504	2.565085	1.260448	391.6395	2.505636	16.28825
Stddev	.01245	.5550	.002664	.002897	.9154	.008199	.06016
%RSD	.0841848	.1452985	.1038665	.2298229	.2337264	.3272183	.3693654

#1	14.79423	381.5912	2.567955	1.260887	390.6028	2.503511	16.29452
#2	14.77213	381.6705	2.562690	1.263101	391.9794	2.498709	16.34503
#3	14.79311	382.5896	2.564611	1.257357	392.3363	2.514688	16.22520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.6535	5.075904	5.054981	5.033234	5.087750	4.860167	5.119225
Stddev	.5370	.021177	.013116	.015549	.018323	.006187	.001157
%RSD	.3517544	.4172119	.2594653	.3089251	.3601367	.1273022	.0226039

#1	152.0378	5.093060	5.066534	5.015402	5.067099	4.861970	5.118130
#2	153.0246	5.052235	5.057686	5.043963	5.094091	4.865252	5.119110
#3	152.8982	5.082416	5.040724	5.040337	5.102060	4.853278	5.120436

Sample Name: CCV003 Acquired: 04/18/2024 15:15:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.971153	4.919460	4.821427
Stddev	.003191	.007881	.013866
%RSD	.0641875	.1601955	.2875959

#1	4.968117	4.910366	4.809376
#2	4.970862	4.923711	4.836582
#3	4.974479	4.924302	4.818322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.866	41900.99	5395.250	1168.507	1794.339
Stddev	2.561	40.48	11.987	.390	2.834
%RSD	.1631565	.0966076	.2221778	.0333821	.1579331

#1	1572.716	41941.21	5392.675	1168.949	1791.587
#2	1567.755	41901.50	5408.315	1168.360	1797.248
#3	1569.129	41860.26	5384.759	1168.211	1794.180

Sample Name: CCB003 Acquired: 04/18/2024 15:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000322	.0008165	.0023818	-.001899	.0020767	.0044715
Stddev	.004866	.0009324	.0025801	.007883	.0013282	.0053329
%RSD	1510.466	114.2046	108.3241	415.1191	63.95821	119.2635

#1	-.005937	.0003606	.0051105	-.010962	.0033570	.0087415
#2	.002313	.0018891	-.000018	.003366	.0021678	-.001506
#3	.002658	.0001997	.002053	.001899	.0007053	.006179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006546	.0000147	.0000305	-.014307	-.000228	-.000089
Stddev	.0001363	.0000604	.0000690	.007841	.000467	.000046
%RSD	20.81864	409.5481	226.2959	54.80664	204.7774	51.43566

#1	.0008098	.0000808	.0001066	-.009619	.000306	-.000122
#2	.0005550	-.000038	-.000028	-.023360	-.000560	-.000110
#3	.0005988	.000001	.000013	-.009943	-.000430	-.000037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010487	.0147022	.0004986	.0082300	.0003654	.0002796
Stddev	.0015846	.0095967	.0002878	.0140491	.0002119	.0002177
%RSD	151.1009	65.27394	57.72472	170.7062	58.00276	77.83817

#1	-.000616	.0142493	.0003680	-.006446	.0001849	.0002720
#2	.002539	.0245173	.0002993	.021555	.0003125	.0000659
#3	.001223	.0053399	.0008286	.009580	.0005987	.0005010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273637	-.001100	-.015812	-.088579	-.007558	F .0131520
Stddev	.1951922	.000403	.005834	.059078	.004293	.0007772
%RSD	713.3246	36.62874	36.89768	66.69468	56.79956	5.909351

#1	.0590968	-.000816	-.018336	-.031040	-.003841	.0129569
#2	-.181751	-.000924	-.019959	-.149083	-.012256	.0140082
#3	.204745	-.001562	-.009141	-.085615	-.006576	.0124910

Sample Name: CCB003 Acquired: 04/18/2024 15:18:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v10) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002914	-.006581	-.002642	-.002057	-.000111	-.003708
Stddev	.0006061	.003655	.000563	.000743	.001259	.001202
%RSD	208.0004	55.53357	21.30934	36.14151	1129.533	32.41466

#1	.0007576	-.002392	-.002152	-.001282	-.000045	-.002448
#2	-.000394	-.008231	-.002516	-.002124	.001113	-.003833
#3	.000510	-.009121	-.003257	-.002765	-.001402	-.004842

Elem	Sr4077
Units	ppm
Avg	.0001486
Stddev	.0001294
%RSD	87.09934

#1	.0002228
#2	-.000001
#3	.000224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.307	50346.96	5876.950	1449.215	2502.346
Stddev	3.929	63.91	14.080	3.629	2.550
%RSD	.2026801	.1269363	.2395819	.2504253	.1019226

#1	1942.830	50285.60	5860.700	1451.574	2503.927
#2	1936.347	50342.16	5884.625	1445.036	2503.707
#3	1935.745	50413.14	5885.525	1451.035	2499.404