

Sample Name: S0 Acquired: 7/11/2023 11:40:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	-.00014	.00004	-.00016	.00017	.00035	-.00035	.07369	.00058
Stddev	.00006	.00005	.00044	.00006	.00017	.00020	.00225	.00020
%RSD	39.151	114.90	267.37	33.158	48.145	56.024	3.0578	34.185

#1	-.00020	.00003	.00022	.00022	.00029	-.00021	.07628	.00036
#2	-.00009	.00000	-.00006	.00018	.00054	-.00027	.07215	.00065
#3	-.00015	.00010	-.00065	.00011	.00021	-.00058	.07264	.00073

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	.0004	.00080	-.00013	.00023	.0006	.0001	-.00016	.00005
Stddev	.0002	.00025	.00003	.00010	.0000	.0001	.00003	.00012
%RSD	50.37	31.109	20.792	45.073	5.901	112.0	18.814	263.09

#1	.0006	.00080	-.00011	.00032	.0007	.0001	-.00020	-.00004
#2	.0002	.00105	-.00016	.00024	.0007	.0002	-.00014	.00019
#3	.0005	.00055	-.00011	.00012	.0006	.0000	-.00015	-.00001

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00020	-.00061	-.0018	.00000	.00059	.0161	-.00059	.00223
Stddev	.00006	.00007	.0003	.00012	.00033	.0010	.00014	.00016
%RSD	28.542	11.043	18.16	2836.1	56.384	6.132	23.299	7.0561

#1	-.00025	-.00057	-.0015	.00001	.00047	.0157	-.00047	.00225
#2	-.00020	-.00069	-.0019	-.00012	.00097	.0155	-.00074	.00207
#3	-.00014	-.00058	-.0021	.00013	.00034	.0173	-.00055	.00238

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	-.00014	.00031	.0009	.00065	.00375	.00535	.00022	
Stddev	.00008	.00002	.0001	.00009	.00015	.00067	.00022	
%RSD	53.061	4.9427	11.49	13.319	4.0442	12.457	102.28	

#1	-.00013	.00031	.0010	.00073	.00377	.00463	.00005	
#2	-.00007	.00029	.0009	.00065	.00359	.00548	.00047	
#3	-.00022	.00032	.0008	.00056	.00390	.00594	.00013	

Sample Name: S0 Acquired: 7/11/2023 11:40:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	3542.2	67941.	13629.	3324.5	3554.7
Stddev	7.2	257.	28.	6.7	9.7
%RSD	.20356	.37848	.20752	.20032	.27338
#1	3537.1	67652.	13596.	3317.5	3544.7
#2	3539.2	68145.	13646.	3325.0	3555.3
#3	3550.5	68026.	13644.	3330.8	3564.1

Sample Name: S1 Acquired: 7/11/2023 11:44:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	.00041	.00186	.00285	.00160	.00656	.01628	.41263	.01718
Stddev	.00003	.00002	.00020	.00014	.00020	.00015	.00963	.00022
%RSD	6.5460	1.3394	6.9145	8.8250	3.0857	.92529	2.3333	1.2652

#1	.00038	.00184	.00263	.00144	.00640	.01640	.40623	.01703
#2	.00043	.00185	.00293	.00170	.00650	.01611	.42371	.01743
#3	.00042	.00188	.00300	.00165	.00679	.01634	.40797	.01708

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	.0192	.29409	.00186	.06656	.0055	.0032	.00708	.06807
Stddev	.0001	.00671	.00004	.00021	.0005	.0001	.00020	.00142
%RSD	.7061	2.2817	2.2554	.31064	9.569	1.690	2.7662	2.0812

#1	.0193	.29181	.00181	.06661	.0056	.0033	.00716	.06782
#2	.0191	.30164	.00188	.06633	.0061	.0032	.00722	.06959
#3	.0191	.28881	.00189	.06673	.0050	.0031	.00685	.06679

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	.03142	.00148	.0177	.00720	.04634	.1098	-.00043	.00511
Stddev	.00005	.00000	.0009	.00014	.00219	.0020	.00001	.00012
%RSD	.17085	.33053	5.354	1.8990	4.7326	1.778	3.4695	2.3793

#1	.03148	.00149	.0172	.00728	.04494	.1090	-.00044	.00525
#2	.03139	.00148	.0188	.00727	.04520	.1120	-.00044	.00504
#3	.03138	.00148	.0171	.00704	.04886	.1083	-.00041	.00503

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00699	.00328	.0039	.00158	.04034	.01501	.93373	
Stddev	.00019	.00006	.0004	.00006	.00059	.00093	.02019	
%RSD	2.7024	1.9677	9.897	3.6380	1.4700	6.1910	2.1619	

#1	.00685	.00329	.0043	.00162	.04044	.01396	.92818	
#2	.00720	.00321	.0038	.00160	.04088	.01531	.95611	
#3	.00691	.00334	.0036	.00151	.03970	.01574	.91690	

Sample Name: S1 Acquired: 7/11/2023 11:44:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	3483.0	65512.	13469.	3273.9	3423.4
Stddev	6.5	768.	241.	38.9	5.6
%RSD	.18672	1.1727	1.7877	1.1869	.16499
#1	3478.8	65836.	13533.	3289.8	3422.5
#2	3490.5	66065.	13203.	3302.3	3429.4
#3	3479.6	64635.	13671.	3229.6	3418.2

Sample Name: S2 Acquired: 7/11/2023 11:48:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	.05751	.08707	1.7393	.04664	.12507	2.8780	4.0812	.39095
Stddev	.00021	.00023	.0035	.00030	.00061	.0167	.0244	.00062
%RSD	.36771	.26603	.19970	.64215	.48535	.57991	.59791	.15751

#1	.05771	.08728	1.7356	.04695	.12577	2.8588	4.0531	.39105
#2	.05753	.08712	1.7425	.04663	.12473	2.8865	4.0932	.39150
#3	.05729	.08682	1.7397	.04635	.12470	2.8887	4.0973	.39029

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	2.276	3.2394	.80204	.80782	.6444	1.122	2.3055	.80136
Stddev	.004	.0205	.00067	.00136	.0023	.008	.0135	.00582
%RSD	.1716	.63269	.08301	.16852	.3505	.6810	.58595	.72585

#1	2.272	3.2159	.80150	.80637	.6420	1.113	2.2899	.79475
#2	2.280	3.2488	.80184	.80906	.6465	1.126	2.3143	.80569
#3	2.277	3.2535	.80279	.80803	.6448	1.127	2.3123	.80364

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	.47862	.06228	.1310	.08044	2.5021	.6934	.02533	.33042
Stddev	.00086	.00016	.0004	.00062	.0156	.0021	.00009	.00036
%RSD	.17878	.25702	.3188	.76478	.62399	.2964	.35127	.10909

#1	.47782	.06245	.1306	.07974	2.4909	.6916	.02524	.33082
#2	.47952	.06213	.1311	.08071	2.4954	.6931	.02533	.33013
#3	.47850	.06227	.1314	.08087	2.5199	.6956	.02541	.33030

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	.83718	.03868	.0381	.21983	.41601	.75769	11.083
Stddev	.00064	.00007	.0001	.00058	.00244	.00330	.060
%RSD	.07604	.19348	.2387	.26495	.58690	.43602	.54328

#1	.83724	.03877	.0381	.21950	.41322	.75389	11.013
#2	.83651	.03865	.0380	.21949	.41701	.75929	11.116
#3	.83778	.03863	.0382	.22050	.41778	.75990	11.118

Sample Name: S2 Acquired: 7/11/2023 11:48:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	3333.0	62477.	13336.	3145.6	3084.6
Stddev	5.0	83.	33.	13.4	2.6
%RSD	.14987	.13279	.24683	.42493	.08535
#1	3327.3	62381.	13308.	3130.8	3082.1
#2	3335.6	62521.	13328.	3149.4	3084.3
#3	3336.2	62528.	13372.	3156.7	3087.3

Sample Name: S3 Acquired: 7/11/2023 11:52:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	.11847	.17533	3.5404	.09484	.25638	5.8137	8.0723	.76445
Stddev	.00069	.00100	.0242	.00067	.00182	.0126	.0045	.00475
%RSD	.58067	.57046	.68335	.70928	.71036	.21626	.05507	.62189

#1	.11834	.17468	3.5317	.09510	.25597	5.7995	8.0757	.76326
#2	.11921	.17649	3.5677	.09534	.25837	5.8234	8.0672	.76969
#3	.11785	.17483	3.5218	.09407	.25479	5.8183	8.0739	.76041

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	4.624	6.4394	1.5965	1.6325	1.280	2.216	4.5977	1.6052
Stddev	.027	.0201	.0021	.0112	.004	.005	.0190	.0056
%RSD	.5878	.31150	.13392	.68682	.3480	.2174	.41239	.35213

#1	4.614	6.4166	1.5979	1.6295	1.275	2.211	4.5765	1.5986
#2	4.655	6.4542	1.5940	1.6449	1.283	2.219	4.6130	1.6083
#3	4.604	6.4475	1.5976	1.6231	1.281	2.220	4.6038	1.6085

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	.96643	.12533	.2634	.16019	4.5601	1.403	.05591	.64114
Stddev	.00549	.00012	.0009	.00046	.0597	.002	.00044	.00402
%RSD	.56819	.09235	.3430	.28730	1.3099	.1086	.78560	.62644

#1	.96514	.12523	.2624	.15967	4.5668	1.403	.05544	.63957
#2	.97245	.12546	.2642	.16055	4.4973	1.404	.05631	.64571
#3	.96170	.12531	.2636	.16034	4.6162	1.401	.05597	.63815

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	1.6817	.08162	.0735	.44891	.82169	1.5229	22.398
Stddev	.0108	.00060	.0000	.00297	.00094	.0008	.287
%RSD	.64311	.73811	.0479	.66163	.11473	.05283	1.2800

#1	1.6806	.08165	.0735	.44781	.82110	1.5221	22.118
#2	1.6930	.08220	.0735	.45228	.82120	1.5237	22.691
#3	1.6714	.08100	.0735	.44665	.82278	1.5229	22.383

Sample Name: S3 Acquired: 7/11/2023 11:52:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	3155.6	59782.	13095.	3016.1	2862.0
Stddev	21.3	175.	60.	4.1	18.9
%RSD	.67523	.29304	.45756	.13620	.66208
#1	3153.8	59650.	13093.	3011.5	2863.9
#2	3135.2	59981.	13036.	3019.2	2842.2
#3	3177.7	59715.	13156.	3017.8	2880.0

Sample Name: S4 Acquired: 7/11/2023 11:56:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	.24392	.34372	7.0833	.19305	.52688	11.720	15.733	1.4874
Stddev	.00068	.00028	.0079	.00009	.00074	.022	.052	.0050
%RSD	.28007	.08111	.11104	.04814	.13987	.18829	.33123	.33723

#1	.24461	.34357	7.0801	.19308	.52727	11.703	15.793	1.4899
#2	.24325	.34355	7.0923	.19295	.52604	11.711	15.699	1.4816
#3	.24389	.34405	7.0775	.19313	.52735	11.745	15.708	1.4907

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	9.173	12.632	3.1322	3.2533	2.567	4.334	9.1265	3.2142
Stddev	.010	.024	.0049	.0026	.010	.010	.0308	.0102
%RSD	.1048	.18811	.15547	.08048	.3853	.2304	.33741	.31743

#1	9.169	12.609	3.1266	3.2515	2.556	4.323	9.0923	3.2046
#2	9.184	12.630	3.1342	3.2521	2.575	4.336	9.1355	3.2131
#3	9.166	12.656	3.1358	3.2563	2.569	4.342	9.1519	3.2249

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	1.9141	.25292	.5257	.31526	8.7096	2.849	.12111	1.2156
Stddev	.0013	.00051	.0016	.00105	.0523	.004	.00026	.0061
%RSD	.06781	.20296	.3126	.33197	.60054	.1241	.21317	.50247

#1	1.9128	.25242	.5238	.31495	8.7202	2.847	.12103	1.2195
#2	1.9154	.25344	.5262	.31439	8.7558	2.848	.12090	1.2086
#3	1.9140	.25290	.5270	.31642	8.6528	2.853	.12140	1.2187

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	3.3632	.17069	.1427	.89930	1.6008	3.1121	45.203
Stddev	.0034	.00069	.0003	.00099	.0010	.0029	.085
%RSD	.09967	.40203	.2304	.11010	.06556	.09261	.18753

#1	3.3648	.17066	.1428	.89851	1.6018	3.1145	45.247
#2	3.3593	.17139	.1423	.90041	1.5997	3.1089	45.105
#3	3.3654	.17002	.1430	.89897	1.6009	3.1130	45.257

Sample Name: S4 Acquired: 7/11/2023 11:56:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	2960.6	56938.	12842.	2825.4	2664.5
Stddev	7.4	78.	40.	13.4	1.8
%RSD	.25057	.13695	.31283	.47330	.06630
#1	2953.1	56994.	12807.	2813.7	2662.4
#2	2967.9	56849.	12886.	2822.5	2665.4
#3	2960.7	56971.	12833.	2840.0	2665.6

Sample Name: S5 Acquired: 7/11/2023 12:00:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	.52917	.69141	14.437	.41593	1.1437	23.971	31.612	2.9929
Stddev	.00018	.00127	.023	.00039	.0008	.147	.130	.0083
%RSD	.03327	.18402	.15917	.09283	.06756	.61269	.41140	.27694

#1	.52937	.69052	14.449	.41560	1.1428	23.832	31.562	2.9833
#2	.52906	.69287	14.451	.41635	1.1443	24.124	31.759	2.9969
#3	.52907	.69085	14.410	.41584	1.1439	23.957	31.514	2.9984

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	18.43	24.884	6.2331	6.6267	5.214	8.586	18.225	6.5382
Stddev	.03	.094	.0214	.0087	.026	.022	.120	.0182
%RSD	.1734	.37663	.34368	.13103	.5071	.2618	.65735	.27813

#1	18.45	24.777	6.2574	6.6223	5.184	8.564	18.091	6.5221
#2	18.45	24.928	6.2168	6.6367	5.226	8.584	18.265	6.5346
#3	18.39	24.949	6.2252	6.6211	5.232	8.609	18.321	6.5579

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	3.8703	.54840	1.072	.62621	16.226	5.948	.26271	2.3784
Stddev	.0055	.00039	.004	.00119	.071	.006	.00009	.0066
%RSD	.14314	.07145	.4012	.19043	.43783	.1066	.03604	.27778

#1	3.8705	.54884	1.075	.62579	16.302	5.948	.26262	2.3709
#2	3.8758	.54824	1.067	.62529	16.216	5.942	.26269	2.3810
#3	3.8647	.54810	1.074	.62756	16.160	5.955	.26281	2.3833

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	7.0301	.36806	.2843	1.8283	3.2170	6.4535	91.539
Stddev	.0033	.00044	.0008	.0011	.0119	.0191	.774
%RSD	.04736	.11885	.2755	.06166	.37084	.29606	.84608

#1	7.0268	.36760	.2850	1.8280	3.2306	6.4709	90.660
#2	7.0335	.36847	.2835	1.8296	3.2083	6.4331	91.837
#3	7.0301	.36811	.2844	1.8274	3.2121	6.4565	92.121

Sample Name: S5 Acquired: 7/11/2023 12:00:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	2630.8	52047.	12479.	2509.5	2400.9
Stddev	2.3	44.	31.	5.3	3.0
%RSD	.08803	.08407	.25113	.21277	.12401
#1	2631.7	51997.	12514.	2512.2	2400.8
#2	2628.1	52069.	12469.	2513.0	2397.9
#3	2632.5	52076.	12454.	2503.3	2403.9

Sample Name: S6 Acquired: 7/11/2023 12:04:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(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	65.955	41.152	23.32	10.694	3.091
Stddev	.745	.531	.33	.161	.044
%RSD	1.1288	1.2908	1.402	1.5037	1.419

#1	65.849	41.302	23.24	10.727	3.111
#2	65.268	40.562	23.04	10.520	3.041
#3	66.746	41.592	23.68	10.836	3.122

Int. Std.	Y_3710
Units	Cts/S
Avg	12205.
Stddev	152.
%RSD	1.2422

#1	12146.
#2	12378.
#3	12092.

Sample Name: ICV001 Acquired: 7/11/2023 12:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9505990	1.056831	.9829629	.9761760	.9372954	2.485394
Stddev	.0089401	.001287	.0006965	.0033004	.0012583	.009928
%RSD	.9404665	.1217863	.0708563	.3380911	.1342472	.3994514

#1	.9599531	1.058088	.9831353	.9730473	.9358476	2.481377
#2	.9421404	1.056890	.9835570	.9796247	.9381247	2.478104
#3	.9497035	1.055516	.9821964	.9758559	.9379140	2.496701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048542	.5064640	.5017447	9.770324	.5718597	.4940009
Stddev	.0020028	.0009248	.0009968	.044612	.0017770	.0003465
%RSD	.3967107	.1826042	.1986646	.4566110	.3107468	.0701414

#1	.5028305	.5066274	.5020168	9.727640	.5724105	.4936047
#2	.5048966	.5054683	.5006401	9.766689	.5732961	.4942473
#3	.5068354	.5072962	.5025771	9.816643	.5698724	.4941508

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5200996	10.71467	.5608076	6.044715	.5042610	.2524515
Stddev	.0021674	.05079	.0041626	.011445	.0006814	.0003597
%RSD	.4167323	.4740624	.7422528	.1893308	.1351224	.1424767

#1	.5220470	10.65602	.5568419	6.041401	.5048769	.2527450
#2	.5204873	10.74371	.5604385	6.057451	.5043771	.2525593
#3	.5177645	10.74428	.5651425	6.035293	.5035291	.2520503

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.435464	.5125757	1.087907	9.841410	F -.008640	F .2821753
Stddev	.029145	.0035358	.011873	.037307	.004806	.0029006
%RSD	.3088906	.6898160	1.091381	.3790858	55.62015	1.027961

#1	9.439648	.5100746	1.101617	9.824839	-.004335	.2788786
#2	9.404453	.5166210	1.080980	9.884132	-.013825	.2833111
#3	9.462291	.5110315	1.081124	9.815259	-.007760	.2843362

Sample Name: ICV001 Acquired: 7/11/2023 12:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2000039	F .0074037	F .1754223	F .1888473	F .2037045	F .0032024
Stddev	.0002798	.0012156	.0021566	.0007068	.0008799	.0030776
%RSD	.1398764	16.41922	1.229401	.3742995	.4319557	96.10530

#1	.1998290	.0070966	.1729328	.1886732	.2026919	.0067527
#2	.2003265	.0087434	.1766112	.1896249	.2041391	.0012923
#3	.1998561	.0063710	.1767228	.1882437	.2042826	.0015621

Elem	Sr4077
Units	ppm
Avg	F -.009260
Stddev	.000026
%RSD	.2854074

#1	-.009257
#2	-.009235
#3	-.009288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.624	55235.82	12326.03	2976.297	3140.800
Stddev	5.687	196.47	31.88	10.413	7.743
%RSD	.1760810	.3556859	.2586277	.3498796	.2465309

#1	3226.057	55058.21	12290.13	2966.115	3133.717
#2	3226.633	55202.40	12351.04	2986.928	3139.617
#3	3236.182	55446.86	12336.92	2975.848	3149.067

Sample Name: ICB001 Acquired: 7/11/2023 12:40:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001409	-.000427	.0005082	.0012871	-.000815	.0062058
Stddev	.000956	.000653	.0013343	.0007647	.002233	.0101384
%RSD	67.84140	152.8043	262.5609	59.40759	273.9467	163.3716

#1	-.002411	-.000307	.0010223	.0007065	.001631	-.004751
#2	-.001308	.000157	.0015090	.0010014	-.002744	.015254
#3	-.000507	-.001132	-.001007	.0021535	-.001332	.008114

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026520	-.000013	-.000116	-.006586	-.000780	-.000033
Stddev	.0022916	.000075	.000043	.005119	.000193	.000174
%RSD	86.41046	554.5579	37.21999	77.72428	24.71999	525.2146

#1	.0051551	-.000061	-.000155	-.002495	-.000693	.000168
#2	.0006572	-.000052	-.000070	-.004937	-.001001	-.000137
#3	.0021438	.000073	-.000124	-.012327	-.000646	-.000131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014620	-.000928	.0003419	-.011818	-.000276	.0001655
Stddev	.0015409	.004307	.0001911	.014959	.000416	.0001752
%RSD	105.3962	464.0582	55.89902	126.5745	150.6846	105.8075

#1	.0025681	-.002384	.0005473	-.014012	-.000738	.0000191
#2	.0021158	.003918	.0001693	.004116	-.000158	.0001179
#3	-.000298	-.004319	.0003092	-.025559	.000068	.0003596

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.505835	.0003072	.0004524	-.292214	F -.010350	-.000504
Stddev	.220570	.0005951	.0001347	.042244	.001942	.001136
%RSD	43.60519	193.6977	29.77127	14.45642	18.75972	225.5887

#1	-.729785	.0006698	.0005986	-.337390	-.009905	-.001795
#2	-.288808	-.000380	.0004250	-.253692	-.008670	.000344
#3	-.498912	.000632	.0003335	-.285561	-.012476	-.000060

Sample Name: ICB001 Acquired: 7/11/2023 12:40:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000680	-.000480	-.014546	-.002711	.0069277	.0032785
Stddev	.0003155	.003044	.001511	.000386	.0002982	.0012735
%RSD	463.7487	634.2703	10.38846	14.23133	4.303831	38.84534

#1	.0001894	.002619	-.013491	-.002297	.0072709	.0047421
#2	-.000290	-.000592	-.016277	-.002775	.0067794	.0024230
#3	.000305	-.003467	-.013870	-.003061	.0067328	.0026703

Elem	Sr4077
Units	ppm
Avg	-.000094
Stddev	.000040
%RSD	42.79205

#1	-.000123
#2	-.000111
#3	-.000048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3270.751	55387.70	12263.35	3006.635	3270.771
Stddev	5.207	87.79	30.20	7.567	7.273
%RSD	.1591965	.1585049	.2462247	.2516638	.2223488

#1	3264.745	55316.77	12231.15	2999.176	3262.376
#2	3273.510	55360.45	12291.03	3014.305	3275.142
#3	3273.997	55485.89	12267.88	3006.424	3274.796

Sample Name: ICSA001 Acquired: 7/11/2023 12:48:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093398	-.013486	.0017181	.0034389	.0017370	256.2784
Stddev	.0049575	.001692	.0020612	.0048210	.0036851	.3008
%RSD	53.07958	12.54745	119.9670	140.1914	212.1504	.1173886

#1	.0081310	-.011540	-.000617	.0034473	-.000860	256.2404
#2	.0050985	-.014611	.003285	-.001386	.005955	255.9983
#3	.0147899	-.014306	.002487	.008256	.000116	256.5964

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067237	.0012603	.0008130	246.1141	.0489374	.0015659
Stddev	.0005527	.0000443	.0002013	.2917	.0028719	.0001484
%RSD	8.220373	3.515876	24.75680	.1185034	5.868581	9.474143

#1	.0070417	.0012494	.0008105	246.1205	.0458391	.0016694
#2	.0070439	.0013091	.0010155	245.8193	.0515104	.0013959
#3	.0060855	.0012225	.0006130	246.4025	.0494628	.0016324

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005612	105.3302	.0136104	242.7769	.0022596	F .1722062
Stddev	.0011280	.1907	.0003217	.6886	.0002658	.0007996
%RSD	200.9925	.1810534	2.363756	.2836352	11.76221	.4643087

#1	-.000573	105.2997	.0132447	242.5487	.0024585	.1724940
#2	.001683	105.1567	.0137369	242.2313	.0023626	.1713025
#3	.000573	105.5344	.0138497	243.5506	.0019577	.1728220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.608576	.0017726	-.023557	-.337633	-.008397	F -.096275
Stddev	.092189	.0025489	.001076	.012102	.005505	.002010
%RSD	15.14830	143.7932	4.567815	3.584326	65.56533	2.088121

#1	-.667933	.0041151	-.024454	-.326996	-.013819	-.094116
#2	-.655424	-.000942	-.022364	-.350800	-.002812	-.098093
#3	-.502370	.002145	-.023854	-.335102	-.008559	-.096616

Sample Name: ICSA001 Acquired: 7/11/2023 12:48:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008999	.0013019	-.017755	-.005174	.0053996	F .0252411
Stddev	.0000966	.0079936	.008977	.000997	.0005851	.0006026
%RSD	10.73290	614.0106	50.56022	19.25846	10.83560	2.387534

#1	.0007889	.0079305	-.018830	-.004691	.0053086	.0251838
#2	.0009644	.0035503	-.008289	-.004512	.0060249	.0246692
#3	.0009464	-.007575	-.026147	-.006320	.0048654	.0258703

Elem	Sr4077
Units	ppm
Avg	.0138514
Stddev	.0000565
%RSD	.4076019

#1	.0138407
#2	.0139124
#3	.0138011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.757	50617.74	11943.33	2759.221	2662.032
Stddev	31.922	1797.29	25.93	96.385	32.743
%RSD	1.067371	3.550718	.2170711	3.493179	1.230006

#1	2968.944	52615.60	11913.97	2864.212	2638.648
#2	2975.930	49132.31	11963.06	2674.746	2647.994
#3	3027.396	50105.32	11952.98	2738.707	2699.453

Sample Name: ICSAB001 Acquired: 7/11/2023 13:04:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130703	.0945846	.0514643	.0608521	.6118009	263.8319
Stddev	.0039005	.0055462	.0027431	.0029669	.0081795	.3964
%RSD	3.449592	5.863734	5.330102	4.875507	1.336950	.1502592

#1	.1165962	.1009149	.0497348	.0633189	.6150593	263.3770
#2	.1088805	.0905790	.0500308	.0616775	.6178490	264.0158
#3	.1137341	.0922599	.0546271	.0575600	.6024944	264.1031

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4870789	.5166402	1.055341	249.9021	.6238680	.5238524
Stddev	.0016198	.0013884	.002917	.5480	.0016054	.0025454
%RSD	.3325617	.2687322	.2764392	.2192815	.2573335	.4858927

#1	.4852315	.5169442	1.053663	249.5625	.6238925	.5238211
#2	.4877491	.5151250	1.058710	249.6097	.6222505	.5264132
#3	.4882560	.5178514	1.053652	250.5343	.6254610	.5213228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5547118	108.0440	F .5904171	247.4408	1.048818	F .3654023
Stddev	.0058943	.2653	.0027208	.6986	.004926	.0006673
%RSD	1.062580	.2455934	.4608251	.2823359	.4696843	.1826236

#1	.5480104	107.7589	.5880681	246.7681	1.049415	.3653577
#2	.5570323	108.0894	.5933984	247.3915	1.053418	.3647584
#3	.5590926	108.2838	.5897849	248.1627	1.043621	.3660908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.575852	.5124155	F 1.241960	-.409659	-.006173	F -.097527
Stddev	.118536	.0028845	.007259	.031847	.006121	.002340
%RSD	20.58452	.5629261	.5844434	7.774086	99.15569	2.398951

#1	-.460932	.5110657	1.250341	-.418742	-.000119	-.098108
#2	-.568924	.5104533	1.237699	-.374258	-.012358	-.094952
#3	-.697701	.5157274	1.237840	-.435979	-.006042	-.099522

Sample Name: ICSAB001 Acquired: 7/11/2023 13:04:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006623	.0038595	-.009708	-.006309	.0070780	F .0290288
Stddev	.0001509	.0052194	.002625	.000622	.0001453	.0006199
%RSD	22.77531	135.2358	27.03732	9.864262	2.053249	2.135650

#1	.0008317	.0082481	-.008444	-.006596	.0071460	.0293037
#2	.0006127	.0052425	-.012726	-.006736	.0069112	.0283189
#3	.0005426	-.001912	-.007954	-.005595	.0071770	.0294637

Elem	Sr4077
Units	ppm
Avg	.0156548
Stddev	.0002131
%RSD	1.360904

#1	.0155402
#2	.0159006
#3	.0155236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.960	49015.85	11656.55	2663.244	2556.641
Stddev	3.013	56.26	13.94	5.457	6.173
%RSD	.1048715	.1147865	.1195695	.2048919	.2414565

#1	2875.848	49057.77	11647.69	2659.458	2563.185
#2	2869.836	49037.87	11672.61	2669.499	2555.816
#3	2873.197	48951.91	11649.34	2660.775	2550.922

Sample Name: CCV001 Acquired: 7/11/2023 13:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093286	4.952846	24.88883	5.055533	5.260138	419.6795
Stddev	.008151	.010735	.03373	.022922	.003640	5.8077
%RSD	.1600417	.2167511	.1355372	.4534093	.0691979	1.383849

#1	5.102078	4.946559	24.85002	5.066247	5.261940	415.7679
#2	5.085980	4.965242	24.91115	5.029215	5.255949	426.3527
#3	5.091799	4.946738	24.90532	5.071136	5.262526	416.9179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.965217	4.4947610	2.494766	400.0850	16.48408	2.555717
Stddev	.129452	.0056973	.002769	5.2349	.02303	.004972
%RSD	1.299036	1.151518	.1109971	1.308439	.1397392	.1945423

#1	9.973130	4.4953186	2.491578	401.9600	16.51065	2.552348
#2	10.09053	4.5001590	2.496147	404.1241	16.47182	2.553376
#3	9.83199	4.4888055	2.496572	394.1708	16.46975	2.561427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.38680	436.5212	16.35114	402.2471	2.545998	1.278638
Stddev	.19138	5.3376	.20071	4.6543	.002341	.009865
%RSD	1.167865	1.222761	1.227495	1.157082	.0919657	.7714905

#1	16.32829	436.0676	16.32244	401.0642	2.544822	1.277716
#2	16.60061	442.0712	16.56466	407.3787	2.544478	1.288931
#3	16.23152	431.4249	16.16633	398.2983	2.548695	1.269266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.4673	2.546107	15.82635	164.9917	F 5.835347	4.527038
Stddev	5.1244	.027676	.11266	2.0015	.008143	.054504
%RSD	1.257623	1.086976	.7118367	1.213074	.1395495	1.203962

#1	406.4051	2.539302	15.69626	164.6512	5.841048	4.529636
#2	413.0396	2.576551	15.89140	167.1415	5.826021	4.580196
#3	402.9573	2.522470	15.89139	163.1823	5.838972	4.471282

Sample Name: CCV001 Acquired: 7/11/2023 13:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.110455	5.113614	F 16.12609	5.111269	4.936851	5.084831
Stddev	.006490	.018233	.21488	.007724	.060134	.064062
%RSD	.1269870	.3565608	1.332483	.1511190	1.218064	1.259856

#1	5.113427	5.115220	16.16077	5.102350	4.923980	5.081549
#2	5.103012	5.094631	16.32152	5.115622	5.002378	5.150470
#3	5.114926	5.130991	15.89599	5.115833	4.884194	5.022473

Elem	Sr4077
Units	ppm
Avg	F 5.526349
Stddev	.087346
%RSD	1.580528

#1	5.513321
#2	5.619477
#3	5.446250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.582	45488.25	11284.85	2371.713	2290.626
Stddev	3.817	60.49	137.28	8.138	1.586
%RSD	.1481955	.1329719	1.216474	.3431164	.0692379

#1	2572.660	45440.43	11269.58	2370.411	2292.120
#2	2579.900	45468.07	11155.84	2364.304	2290.796
#3	2574.185	45556.25	11429.12	2380.423	2288.962

Sample Name: CCB001 Acquired: 7/11/2023 13:12:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003256	.0007866	.0004504	-.000135	-.000335	.0153602	.0057329
Stddev	.0017048	.0014641	.0012258	.002637	.002225	.0028227	.0009247
%RSD	523.5623	186.1350	272.1701	1949.021	663.8214	18.37663	16.12983

#1	.0006835	.0015995	.0010043	-.003158	-.001498	.0126510	.0067897
#2	-.001530	.0016638	-.000955	.001695	-.001738	.0151454	.0053368
#3	.001823	-.000904	.001301	.001058	.002230	.0182841	.0050722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000457	-.000016	-.007807	-.001207	-.000067	.0016253	.0043584
Stddev	.0000292	.000048	.003333	.000229	.000126	.0007653	.0058768
%RSD	64.01917	301.4675	42.68694	19.00309	186.4989	47.08595	134.8398

#1	.0000190	.000036	-.005928	-.001286	-.000112	.0007430	.0111421
#2	.0000769	-.000057	-.005839	-.000949	-.000165	.0021094	.0008168
#3	.0000411	-.000027	-.011655	-.001387	.000075	.0020234	.0011162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004679	-.000148	-.000199	.0001203	-.549618	-.000473	.0064480
Stddev	.0000733	.010600	.000216	.0002464	.097810	.001792	.0007888
%RSD	15.65899	7152.525	108.3419	204.7804	17.79603	379.1641	12.23370

#1	.0004424	-.005285	-.000026	.0000894	-.618728	-.001076	.0071007
#2	.0004108	.012042	-.000441	.0003807	-.592424	.001543	.0066720
#3	.0005505	-.007201	-.000130	-.000109	-.437702	-.001886	.0055715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.330904	-.007783	.0068056	.0010812	-.001170	-.009481	-.002009
Stddev	.034979	.003163	.0001104	.0002782	.000907	.001293	.000594
%RSD	10.57061	40.64328	1.622551	25.73201	77.46451	13.64069	29.56200

#1	-.302236	-.004916	.0068816	.0013707	-.000857	-.010699	-.002581
#2	-.369878	-.011177	.0066789	.0010570	-.002192	-.009620	-.002052
#3	-.320597	-.007258	.0068562	.0008158	-.000462	-.008124	-.001395

Sample Name: CCB001 Acquired: 7/11/2023 13:12:02 Type: Unk
 Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105878	.0017395	-.000041
Stddev	.0001909	.0013868	.000072
%RSD	1.803357	79.72601	175.8530

#1	.0108082	.0015916	.000030
#2	.0104703	.0031943	-.000039
#3	.0104850	.0004326	-.000115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.013	53858.05	12010.29	2930.696	3199.470
Stddev	4.127	167.52	22.66	6.775	5.223
%RSD	.1289942	.3110431	.1886322	.2311820	.1632411

#1	3194.557	54029.61	11990.41	2924.340	3194.306
#2	3202.703	53849.64	12005.51	2937.824	3204.750
#3	3199.780	53694.89	12034.95	2929.923	3199.352

Sample Name: PB153247BL Acquired: 7/11/2023 13:16:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: PBS247 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006012	-.000034	-.000971	.0000254	-.000498	.0036634	.0058534
Stddev	.0019053	.001494	.000570	.0019584	.000603	.0027205	.0014438
%RSD	316.9318	4392.667	58.70931	7726.470	120.9663	74.26135	24.66622

#1	.0027565	.000215	-.001438	-.001539	.000183	.0066465	.0051668
#2	-.000859	-.001637	-.000336	-.000606	-.000716	.0013194	.0075124
#3	-.000094	.001319	-.001139	.002222	-.000962	.0030241	.0048810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	-.000121	-.002557	-.001248	-.000127	.0026663	-.002436
Stddev	.0000382	.000074	.010451	.000174	.000017	.0015508	.001018
%RSD	95.12592	60.64587	408.6911	13.92201	13.74630	58.16150	41.77274

#1	.0000339	-.000064	-.007063	-.001444	-.000145	.0010643	-.001638
#2	.0000055	-.000096	.009391	-.001191	-.000124	.0041601	-.002089
#3	.0000811	-.000204	-.010000	-.001111	-.000111	.0027745	-.003582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000962	-.016526	-.000060	.0002582	-.396733	-.001426	.0005041
Stddev	.0002527	.006861	.000294	.0003155	.263295	.001226	.0009989
%RSD	262.8233	41.51884	486.8916	122.1845	66.36571	85.97211	198.1826

#1	-.000095	-.024376	-.000296	.0002063	-.700274	-.000889	.0011002
#2	.000001	-.011673	.000269	.0005965	-.259840	-.002828	-.000649
#3	.000383	-.013529	-.000154	-.000028	-.230086	-.000560	.001061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332247	-.006518	.0007183	.0001850	.0011723	-.011495	-.002552
Stddev	.032834	.002381	.0003770	.0001270	.0014479	.005754	.000226
%RSD	9.882542	36.52751	52.47898	68.61717	123.5117	50.05262	8.867094

#1	-.318941	-.009035	.0009318	.0002554	.0004220	-.017249	-.002366
#2	-.369646	-.006217	.0009401	.0000385	.0028414	-.005741	-.002485
#3	-.308154	-.004302	.0002831	.0002612	.0002535	-.011496	-.002804

Sample Name: PB153247BL Acquired: 7/11/2023 13:16:02 Type: Unk
 Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: PBS247 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100870	.0011078	-.000149
Stddev	.0005056	.0003386	.000037
%RSD	5.012922	30.56732	24.77900

#1	.0096673	.0014110	-.000172
#2	.0106483	.0007424	-.000106
#3	.0099452	.0011700	-.000168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.014	54207.84	12074.12	2954.498	3217.647
Stddev	6.778	99.65	31.69	13.974	8.280
%RSD	.2103499	.1838352	.2624438	.4729785	.2573441

#1	3214.695	54302.22	12054.44	2946.336	3209.733
#2	3223.274	54103.64	12057.24	2946.525	3216.957
#3	3228.073	54217.65	12110.67	2970.634	3226.251

Sample Name: PB153247BS Acquired: 7/11/2023 13:27:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: LCS247 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212506	.0539658	.0192968	.0708533	.1188747	.3973303
Stddev	.0004140	.0023731	.0012483	.0022352	.0007352	.0002492
%RSD	1.948305	4.397347	6.468857	3.154644	.6184401	.0627106

#1	.0217006	.0565159	.0181441	.0688163	.1188766	.3974828
#2	.0208859	.0518224	.0191237	.0704993	.1196089	.3970428
#3	.0211653	.0535589	.0206226	.0732444	.1181385	.3974653

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3632009	.0101108	.0101535	10.07985	.0194742	.1012828
Stddev	.0014887	.0000507	.0000949	.03730	.0003706	.0001455
%RSD	.4098877	.5018799	.9346633	.3700515	1.902984	.1437017

#1	.3621783	.0101199	.0101014	10.03728	.0195022	.1011747
#2	.3649089	.0100561	.0102630	10.09547	.0190905	.1014483
#3	.3625155	.0101564	.0100961	10.10681	.0198301	.1012256

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0585567	.2131823	.0251578	9.807245	.0816080	.0165510
Stddev	.0017797	.0027239	.0002834	.054255	.0002109	.0003076
%RSD	3.039201	1.277721	1.126698	.5532136	.2583909	1.858587

#1	.0604839	.2101043	.0248370	9.815431	.0814324	.0166963
#2	.0582110	.2141608	.0253743	9.749363	.0815497	.0161977
#3	.0569753	.2152817	.0252621	9.856942	.0818419	.0167592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.090719	.1027415	F .1749092	9.383380	.0093521	.0182777
Stddev	.187291	.0020940	.0020066	.027879	.0069772	.0009378
%RSD	2.060247	2.038099	1.147242	.2971116	74.60619	5.130977

#1	8.875818	.1014521	.1762260	9.359774	.0165662	.0173059
#2	9.219177	.1051575	.1725997	9.376227	.0088513	.0183498
#3	9.177161	.1016147	.1759018	9.414138	.0026387	.0191773

Sample Name: PB153247BS Acquired: 7/11/2023 13:27:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: LCS247 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216482	.1747261	.1767682	.0111629	.2086089	.0273140
Stddev	.0003252	.0025520	.0045197	.0002081	.0006851	.0005843
%RSD	1.502176	1.460578	2.556868	1.864613	.3284064	2.139246

#1	.0219435	.1741436	.1818454	.0113950	.2078878	.0269257
#2	.0217012	.1725157	.1731837	.0109928	.2092512	.0279860
#3	.0212997	.1775190	.1752754	.0111008	.2086876	.0270302

Elem	Sr4077
Units	ppm
Avg	.2425808
Stddev	.0004199
%RSD	.1731075

#1	.2421160
#2	.2429329
#3	.2426934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.128	50635.89	11928.23	2800.166	3006.392
Stddev	7.012	174.97	20.74	12.359	7.902
%RSD	.2274321	.3455513	.1738351	.4413706	.2628237

#1	3075.160	50455.79	11904.62	2792.665	2997.397
#2	3085.865	50805.24	11936.59	2814.431	3009.569
#3	3088.358	50646.64	11943.48	2793.402	3012.211

Sample Name: PB153248BL Acquired: 7/11/2023 13:31:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: PBW248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008958	-.000623	.0000760	-.000204	-.000928	.0109810
Stddev	.0008555	.001856	.0011065	.004467	.000520	.0048040
%RSD	95.50122	297.9645	1455.342	2191.709	56.10126	43.74764

#1	.0007392	-.001125	-.001081	-.005360	-.001053	.0062156
#2	.0018188	.001433	.000185	.002477	-.001374	.0158226
#3	.0001294	-.002177	.001124	.002272	-.000356	.0109050

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068159	.0000537	-.000121	-.002833	-.001297	-.000088
Stddev	.0018193	.0000220	.000028	.010160	.000160	.000137
%RSD	26.69142	40.90891	23.13894	358.5827	12.33211	154.6702

#1	.0054593	.0000371	-.000100	.004001	-.001477	-.000118
#2	.0088832	.0000786	-.000153	.002007	-.001242	-.000208
#3	.0061051	.0000454	-.000111	-.014508	-.001172	.000061

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017757	-.003261	.0004056	-.005547	.0000057	.0004293
Stddev	.0022671	.006352	.0001865	.006939	.0002420	.0000420
%RSD	127.6724	194.7753	45.98460	125.0989	4264.297	9.778845

#1	.0009970	.003706	.0002412	-.012776	.0000536	.0004493
#2	.0000006	-.004760	.0003673	.001059	.0002201	.0004575
#3	.0043295	-.008730	.0006083	-.004923	-.000257	.0003810

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.525578	-.002267	.0005572	-.342812	F -.012637	-.003693
Stddev	.152354	.000927	.0003412	.030445	.004905	.000298
%RSD	28.98787	40.90407	61.23982	8.881070	38.81276	8.078443

#1	-.361255	-.001990	.0006110	-.349994	-.007623	-.003955
#2	-.662146	-.001509	.0008683	-.309418	-.012863	-.003757
#3	-.553333	-.003300	.0001923	-.369024	-.017424	-.003368

Sample Name: PB153248BL Acquired: 7/11/2023 13:31:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: PBW248 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001041	.0018108	-.012089	-.002995	.0109111	-.000466
Stddev	.0000448	.0019207	.002492	.000425	.0005761	.001618
%RSD	43.05898	106.0717	20.61416	14.18081	5.279962	347.2590

#1	.0001447	.0031523	-.011102	-.002560	.0106673	-.002256
#2	.0000560	-.000389	-.014923	-.003017	.0115691	-.000034
#3	.0001117	.002670	-.010241	-.003409	.0104971	.000893

Elem	Sr4077
Units	ppm
Avg	-.000073
Stddev	.000025
%RSD	33.78828

#1	-.000095
#2	-.000077
#3	-.000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.487	51764.04	11817.39	2860.348	3165.534
Stddev	3.469	225.48	36.42	11.962	4.364
%RSD	.1097832	.4355905	.3082281	.4182055	.1378718

#1	3155.523	51986.98	11776.35	2873.754	3161.967
#2	3160.972	51536.11	11829.91	2850.764	3170.401
#3	3161.965	51769.02	11845.89	2856.525	3164.234

Sample Name: PB153248BS Acquired: 7/11/2023 13:35:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: LCS248 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201771	.0526177	.0194331	.0715496	.1160256	.3976985
Stddev	.0020590	.0024245	.0008566	.0008693	.0021372	.0032674
%RSD	10.20457	4.607840	4.407876	1.215003	1.841993	.8215707

#1	.0196662	.0531784	.0184808	.0708670	.1184414	.4009419
#2	.0184217	.0499619	.0196775	.0712534	.1152540	.3944077
#3	.0224435	.0547127	.0201408	.0725283	.1143813	.3977460

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3554549	.0100517	.0098372	9.855042	.0200960	.0980940
Stddev	.0010107	.0001249	.0001252	.014491	.0019060	.0004885
%RSD	.2843476	1.242298	1.272355	.1470447	9.484474	.4980039

#1	.3548577	.0099076	.0097856	9.853692	.0190355	.0975843
#2	.3548851	.0101198	.0097462	9.841274	.0189562	.0981395
#3	.3566219	.0101278	.0099799	9.870162	.0222964	.0985582

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586414	.2061426	.0248899	9.627726	.0791740	.0167720
Stddev	.0029794	.0022609	.0001501	.047987	.0004881	.0011216
%RSD	5.080689	1.096750	.6032626	.4984252	.6164942	6.687231

#1	.0565747	.2039676	.0249183	9.572874	.0787823	.0157781
#2	.0572928	.2084805	.0247276	9.661948	.0790190	.0165498
#3	.0620566	.2059797	.0250238	9.648357	.0797208	.0179880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.793888	.0983992	F .1722390	9.296997	.0099088	.0164447
Stddev	.061870	.0023744	.0104596	.025208	.0070529	.0007790
%RSD	.7035589	2.413016	6.072695	.2711381	71.17818	4.737276

#1	8.858447	.0975571	.1653620	9.267960	.0173532	.0163816
#2	8.735112	.1010799	.1670790	9.309760	.0033267	.0156991
#3	8.788104	.0965606	.1842758	9.313270	.0090464	.0172534

Sample Name: PB153248BS Acquired: 7/11/2023 13:35:57 Type: Unk
 Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: LCS248 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208908	.1703833	.1703148	.0097061	.2059096	.0266134
Stddev	.0002992	.0022974	.0006095	.0008351	.0020470	.0017538
%RSD	1.432040	1.348355	.3578558	8.603944	.9941092	6.589765
#1	.0207043	.1682261	.1704608	.0095990	.2065352	.0286020
#2	.0207321	.1701248	.1696456	.0105896	.2036229	.0252875
#3	.0212358	.1727990	.1708381	.0089297	.2075708	.0259508

Elem	Sr4077
Units	ppm
Avg	.2386906
Stddev	.0005393
%RSD	.2259631
#1	.2383165
#2	.2384463
#3	.2393088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3128.593	49132.57	11872.22	2725.318	3048.902
Stddev	2.667	3124.09	10.95	175.554	6.992
%RSD	.0852577	6.358494	.0921967	6.441612	.2293364
#1	3128.003	51043.54	11871.07	2828.483	3050.895
#2	3131.506	50826.81	11861.89	2824.855	3054.682
#3	3126.270	45527.35	11883.69	2522.616	3041.130

Sample Name: O1378-01 Acquired: 7/11/2023 13:39:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054588	.0111145	.0065822	.0163829	.0158795	.0385076	.0349408
Stddev	.0013294	.0013428	.0005334	.0023869	.0010982	.0030756	.0013495
%RSD	24.35365	12.08148	8.104430	14.56928	6.915660	7.987033	3.862318

#1	.0039846	.0110951	.0061218	.0147937	.0171416	.0349717	.0359864
#2	.0065665	.0124668	.0071668	.0191276	.0153546	.0399888	.0334174
#3	.0058252	.0097815	.0064580	.0152274	.0151423	.0405624	.0354186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017306	.0015984	.5596651	.0020123	.0082342	.0077677	.0608654
Stddev	.0000450	.0000450	.0018292	.0002735	.0001556	.0026680	.0044007
%RSD	2.601480	2.816914	.3268435	13.59087	1.889014	34.34727	7.230185

#1	.0017673	.0015637	.5579430	.0017379	.0080614	.0097986	.0623110
#2	.0017442	.0015822	.5594670	.0022849	.0083629	.0047460	.0643614
#3	.0016804	.0016493	.5615853	.0020142	.0082783	.0087584	.0559237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074033	.5549843	.0121848	.0028185	.1956169	.0116526	.0239547
Stddev	.0001532	.0084755	.0000427	.0002487	.0997837	.0019586	.0015002
%RSD	2.068700	1.527159	.3501022	8.822557	51.00973	16.80839	6.262570

#1	.0073605	.5451998	.0121360	.0031053	.1014774	.0138370	.0254724
#2	.0072760	.5596982	.0122151	.0026622	.1851532	.0110680	.0224727
#3	.0075732	.5600549	.0122034	.0026881	.3002201	.0100529	.0239190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368872	-.006097	.0019199	.0062557	.0524664	.0411144	.0007298
Stddev	.0513142	.002229	.0010749	.0000529	.0037816	.0031261	.0007134
%RSD	37.48650	36.55293	55.98598	.8449400	7.207581	7.603401	97.76114

#1	.0790964	-.006848	.0031593	.0061965	.0568329	.0401449	.0006872
#2	.1544550	-.007853	.0012413	.0062725	.0502967	.0385879	.0014635
#3	.1771103	-.003590	.0013592	.0062981	.0502695	.0446104	.0000386

Sample Name: O1378-01 Acquired: 7/11/2023 13:39:57 Type: Unk
 Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0204270	.0064538	.0074861
Stddev	.0017584	.0009022	.0000743
%RSD	8.607982	13.97858	.9925474

#1	.0223141	.0054353	.0074445
#2	.0201321	.0067734	.0074419
#3	.0188347	.0071526	.0075719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3173.414	52779.73	11881.45	2892.463	3183.586
Stddev	7.191	130.68	63.69	10.245	4.554
%RSD	.2265881	.2475892	.5360527	.3542025	.1430522

#1	3165.181	52793.37	11822.81	2880.762	3178.516
#2	3176.593	52642.77	11872.32	2899.825	3187.331
#3	3178.466	52903.06	11949.21	2896.801	3184.911

Sample Name: O1378-03 Acquired: 7/11/2023 13:44:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055010	.0102188	.0060585	.0174505	.0129739	.0355587	.0309201
Stddev	.0014785	.0018103	.0013315	.0029230	.0019010	.0028750	.0012391
%RSD	26.87599	17.71539	21.97738	16.75029	14.65258	8.085252	4.007481

#1	.0063583	.0123043	.0046706	.0168458	.0144177	.0358433	.0296325
#2	.0037938	.0092982	.0061797	.0206285	.0108201	.0382809	.0310235
#3	.0063509	.0090537	.0073253	.0148771	.0136841	.0325520	.0321043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015822	.0014563	.4985062	.0015075	.0073189	.0081878	.0521342
Stddev	.0000862	.0000182	.0116109	.0002299	.0000303	.0031844	.0038789
%RSD	5.448609	1.248538	2.329140	15.24907	.4134913	38.89127	7.440260

#1	.0014861	.0014498	.4851101	.0012617	.0073375	.0052900	.0480470
#2	.0016528	.0014768	.5047327	.0015434	.0072840	.0076766	.0525912
#3	.0016076	.0014422	.5056757	.0017172	.0073353	.0115969	.0557644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064708	.4769267	.0113454	.0024653	.0449473	.0083932	.0223502
Stddev	.0003279	.0285239	.0003705	.0002451	.0892136	.0007735	.0009239
%RSD	5.066976	5.980765	3.266053	9.941697	198.4847	9.215827	4.133806

#1	.0061447	.4475045	.0113316	.0025431	.1450153	.0087616	.0234051
#2	.0064672	.5044582	.0117226	.0026621	-.026273	.0075043	.0216848
#3	.0068005	.4788174	.0109819	.0021908	.016100	.0089137	.0219608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1479772	-.002700	.0006302	.0058393	.0448242	.0376269	.0009343
Stddev	.0418232	.000967	.0004775	.0001012	.0022932	.0039038	.0012530
%RSD	28.26331	35.80827	75.76605	1.733883	5.115898	10.37503	134.1126

#1	.1151048	-.003687	.0008842	.0059036	.0462938	.0379475	.0011157
#2	.1950522	-.001754	.0000794	.0058916	.0459970	.0335726	-.000400
#3	.1337745	-.002660	.0009271	.0057226	.0421819	.0413604	.002087

Sample Name: O1378-03 Acquired: 7/11/2023 13:44:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0217027	.0072921	.0066567
Stddev	.0011112	.0005951	.0002204
%RSD	5.120303	8.160979	3.310859

#1	.0222203	.0066646	.0064030
#2	.0204270	.0073632	.0067661
#3	.0224606	.0078484	.0068009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3164.141	52098.11	12081.26	2872.969	3170.112
Stddev	4.714	44.25	260.42	9.576	6.986
%RSD	.1489833	.0849314	2.155533	.3333136	.2203615

#1	3169.554	52070.03	12381.35	2866.728	3178.103
#2	3161.935	52149.11	11914.65	2883.994	3167.064
#3	3160.935	52075.17	11947.78	2868.184	3165.167

Sample Name: CCV002 Acquired: 7/11/2023 14:03:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.004765	4.840056	24.20803	5.024606	5.193515	405.3820
Stddev	.031409	.021280	.10935	.020123	.007790	8.1952
%RSD	.6275819	.4396665	.4517057	.4004894	.1500030	2.021609

#1	4.983871	4.815532	24.08501	5.006697	5.185471	395.9685
#2	4.989539	4.850994	24.24492	5.020740	5.201025	409.2510
#3	5.040885	4.853643	24.29416	5.046382	5.194049	410.9264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.313869	4.714199	2.412799	381.4727	16.83329	2.505492
Stddev	.033257	.0039742	.009537	2.2654	1.44456	.010579
%RSD	.3570689	.8430185	.3952871	.5938662	8.581593	.4222326

#1	9.275597	4.688082	2.401838	378.8840	16.00001	2.493782
#2	9.335742	4.694580	2.417347	382.4410	15.99853	2.508334
#3	9.330267	4.759935	2.419211	383.0931	18.50133	2.514360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.42373	419.7495	16.41130	385.0052	2.481150	F 1.541312
Stddev	.09568	2.5681	.10657	2.6464	.008016	.071442
%RSD	.5825559	.6118238	.6493656	.6873642	.3230643	4.635137

#1	16.31448	416.7867	16.28845	382.0019	2.472236	1.497103
#2	16.49258	421.1226	16.47896	386.0182	2.483448	1.503100
#3	16.46412	421.3391	16.46648	386.9954	2.487766	1.623734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.4634	2.406774	F 19.73184	157.3180	F 5.674304	F 4.298408
Stddev	1.8372	.016659	1.85951	.4375	.040568	.036536
%RSD	.4717375	.6921632	9.423911	.2780704	.7149474	.8499932

#1	387.3526	2.387551	18.69239	156.8156	5.627712	4.266029
#2	390.3348	2.415789	18.62447	157.5234	5.701811	4.291176
#3	390.7028	2.416983	21.87866	157.6149	5.693387	4.338019

Sample Name: CCV002 Acquired: 7/11/2023 14:03:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.996048	5.079765	F 9.387195	4.992330	4.605930	4.862450
Stddev	.025055	.025340	.030881	.016105	.023901	.016819
%RSD	.5015022	.4988361	.3289658	.3225855	.5189186	.3459007
#1	4.967369	5.062475	9.351569	4.973950	4.578399	4.844127
#2	5.007083	5.067967	9.406325	5.003967	4.621366	4.877188
#3	5.013691	5.108852	9.403689	4.999073	4.618025	4.866035

Elem	Sr4077
Units	ppm
Avg	5.403386
Stddev	.054062
%RSD	1.000519
#1	5.342130
#2	5.423595
#3	5.444432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.408	41519.95	11128.38	2189.595	2230.821
Stddev	6.688	3025.21	26.13	171.222	5.454
%RSD	.2665238	7.286172	.2347696	7.819792	.2444687
#1	2516.914	43310.77	11151.00	2280.477	2236.892
#2	2507.226	43221.96	11099.78	2296.214	2229.235
#3	2504.083	38027.11	11134.35	1992.094	2226.336

Sample Name: CCB002 Acquired: 7/11/2023 14:07:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000353	.0011548	-.000222	-.000933	-.000700	.0681800	.0101432
Stddev	.001105	.0017705	.000958	.002483	.000606	.0027220	.0020695
%RSD	312.8630	153.3139	431.3091	265.9854	86.63858	3.992415	20.40267

#1	-.000665	.0019127	-.000199	.001807	-.001035	.0708496	.0088511
#2	.000874	.0024202	.000724	-.003033	.000000	.0654084	.0090483
#3	-.001269	-.000868	-.001191	-.001575	-.001065	.0682820	.0125301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000547	-.000055	.0051401	-.000698	-.000003	.0018046	.0131526
Stddev	.0000644	.000026	.0039532	.000077	.000072	.0005387	.0054788
%RSD	117.8550	47.58012	76.90931	11.07977	2249.229	29.85430	41.65592

#1	-.000004	-.000085	.0054607	-.000656	-.000077	.0024192	.0191366
#2	.000044	-.000039	.0010363	-.000651	.000068	.0014143	.0119387
#3	.000124	-.000041	.0089232	-.000787	-.000001	.0015802	.0083825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007725	-.005218	-.000214	.0003393	-.719799	-.001553	.0007535
Stddev	.0002547	.010469	.000281	.0006929	.104566	.002957	.0004091
%RSD	32.97573	200.6202	131.2516	204.1940	14.52716	190.4240	54.28678

#1	.0008773	.005910	-.000464	-.000391	-.812747	-.004823	.0006906
#2	.0004820	-.014871	-.000269	.000987	-.740068	.000933	.0011904
#3	.0009580	-.006694	.000090	.000422	-.606582	-.000768	.0003796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.433613	-.009569	.0043721	.0012214	-.000695	-.011825	-.002560
Stddev	.024577	.000856	.0004488	.0003813	.003288	.002571	.000650
%RSD	5.667880	8.949987	10.26546	31.22045	473.3084	21.74369	25.37814

#1	-.435447	-.009239	.0043288	.0016374	.003101	-.010684	-.001966
#2	-.457222	-.008927	.0048410	.0011383	-.002630	-.014769	-.002462
#3	-.408171	-.010542	.0039465	.0008885	-.002555	-.010022	-.003254

Sample Name: CCB002 Acquired: 7/11/2023 14:07:45 Type: Unk
 Method: SFAM01.1 INSTRUMENT P4 WITH 6 POINT ICAL(v292)(v10) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0110018	-.002160	.0000372
Stddev	.0006289	.001322	.0000448
%RSD	5.716441	61.19036	120.3935

#1	.0105694	-.001223	.0000235
#2	.0107128	-.001586	.0000873
#3	.0117233	-.003672	.0000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3146.833	51753.33	11784.34	2844.933	3162.155
Stddev	4.710	294.97	46.11	13.299	4.546
%RSD	.1496840	.5699611	.3912924	.4674480	.1437511

#1	3142.884	51471.78	11753.41	2829.629	3157.305
#2	3152.046	51728.11	11837.34	2853.680	3162.842
#3	3145.567	52060.10	11762.28	2851.489	3166.318