

Sample Name: S0 Acquired: 4/23/2023 21:06:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	-.00008	-.00003	-.00005	.00020	.00070	.00126	.05681	.00310
Stddev	.00009	.00007	.00019	.00012	.00004	.00020	.00173	.00048
%RSD	120.10	200.06	353.30	58.138	5.1600	16.042	3.0400	15.532

#1	-.00015	-.00010	-.00027	.00026	.00073	.00111	.05508	.00339
#2	-.00011	-.00003	-.00000	.00007	.00066	.00149	.05681	.00337
#3	.00003	.00003	.00011	.00028	.00072	.00118	.05853	.00255

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	.0002	.00287	.00008	.00010	.0015	.0002	-.00003	-.00043
Stddev	.0003	.00082	.00004	.00021	.0006	.0007	.00054	.00061
%RSD	180.5	28.448	50.915	215.53	42.38	347.0	2121.6	142.54

#1	.0002	.00195	.00011	.00033	.0019	-.0006	-.00046	.00025
#2	.0004	.00318	.00003	-.00008	.0008	.0008	.00058	-.00062
#3	-.0001	.00349	.00010	.00004	.0017	.0005	-.00019	-.00092

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	-.00028	-.00160	-.0184	-.00086	.00414	.0187	-.00100	.00463
Stddev	.00015	.00001	.0018	.00005	.00047	.0029	.00006	.00087
%RSD	53.221	.92007	9.698	6.0738	11.260	15.35	6.3087	18.859

#1	-.00031	-.00160	-.0171	-.00084	.00371	.0198	-.00098	.00362
#2	-.00012	-.00159	-.0177	-.00092	.00464	.0208	-.00094	.00512
#3	-.00041	-.00162	-.0204	-.00083	.00407	.0154	-.00107	.00515

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	.00005	.00033	.0008	.00051	.00823	-.00778	-.00317	
Stddev	.00011	.00008	.0003	.00006	.00054	.00092	.00159	
%RSD	202.35	22.746	40.06	12.454	6.5135	11.818	50.242	

#1	-.00001	.00038	.0005	.00051	.00778	-.00694	-.00455	
#2	.00018	.00038	.0009	.00057	.00808	-.00877	-.00143	
#3	-.00000	.00025	.0011	.00044	.00882	-.00764	-.00354	

Sample Name: S0 Acquired: 4/23/2023 21:06:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	4265.1	79774.	3824.8	3664.2	4737.3
Stddev	9.3	102.	31.5	4.2	2.6
%RSD	.21796	.12773	.82368	.11442	.05402
#1	4255.4	79835.	3805.9	3665.4	4734.7
#2	4274.0	79831.	3807.4	3659.5	4737.4
#3	4265.9	79657.	3861.2	3667.6	4739.8

Sample Name: S1 Acquired: 4/23/2023 21:10:48 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	.00048	.00317	.00273	.00236	.00684	.01431	1.0230	.05740
Stddev	.00018	.00011	.00008	.00013	.00004	.00081	.0039	.00062
%RSD	37.990	3.3363	2.7593	5.4389	.59860	5.6289	.37597	1.0718

#1	.00063	.00328	.00266	.00230	.00688	.01494	1.0220	.05803
#2	.00028	.00314	.00281	.00251	.00684	.01458	1.0272	.05680
#3	.00054	.00308	.00272	.00227	.00680	.01340	1.0197	.05736

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	.0201	.49299	.00192	.05548	.0093	.0063	.01757	.05560
Stddev	.0002	.00150	.00005	.00014	.0008	.0002	.00056	.00183
%RSD	1.106	.30406	2.5823	.24633	8.727	2.457	3.1682	3.2996

#1	.0203	.49181	.00195	.05562	.0083	.0063	.01772	.05401
#2	.0199	.49467	.00186	.05548	.0096	.0065	.01804	.05518
#3	.0203	.49248	.00194	.05535	.0098	.0062	.01696	.05761

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	.03115	.00142	.0083	.00825	.17933	.1314	-.00059	.01918
Stddev	.00011	.00008	.0028	.00030	.00093	.0016	.00003	.00114
%RSD	.35954	5.6155	33.53	3.6289	.51624	1.220	4.4724	5.9590

#1	.03123	.00135	.0054	.00800	.17863	.1331	-.00059	.01869
#2	.03120	.00151	.0085	.00817	.18038	.1313	-.00062	.02049
#3	.03102	.00140	.0109	.00858	.17898	.1299	-.00057	.01837

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	.00753	.00381	.0064	.00205	.05347	.00515	1.4888	
Stddev	.00004	.00013	.0004	.00008	.00040	.00301	.0048	
%RSD	.59179	3.3430	5.529	3.8038	.75305	58.320	.32408	

#1	.00753	.00372	.0063	.00214	.05302	.00327	1.4836	
#2	.00749	.00396	.0068	.00199	.05359	.00862	1.4932	
#3	.00758	.00376	.0061	.00203	.05380	.00358	1.4897	

Sample Name: S1 Acquired: 4/23/2023 21:10:48 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	4237.8	78226.	3842.0	3633.2	4650.9
Stddev	23.2	226.	7.6	6.4	24.2
%RSD	.54736	.28876	.19830	.17510	.51939
#1	4211.6	78487.	3836.0	3639.3	4624.7
#2	4246.4	78106.	3839.5	3626.6	4655.8
#3	4255.5	78086.	3850.6	3633.7	4672.3

Sample Name: S2 Acquired: 4/23/2023 21:14:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	.07774	.14708	1.7513	.07595	.11965	2.7423	10.508	1.3778
Stddev	.00021	.00026	.0019	.00040	.00010	.0086	.046	.0074
%RSD	.27328	.17501	.11001	.52996	.08178	.31211	.44082	.53639

#1	.07759	.14714	1.7532	.07624	.11963	2.7328	10.457	1.3735
#2	.07764	.14730	1.7494	.07549	.11976	2.7493	10.548	1.3863
#3	.07798	.14680	1.7514	.07611	.11956	2.7449	10.519	1.3735

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	2.330	5.4068	.62167	.63049	.9899	2.091	3.7888	.60822
Stddev	.003	.0262	.00104	.00073	.0064	.013	.0166	.00543
%RSD	.1175	.48408	.16678	.11616	.6435	.6418	.43750	.89256

#1	2.333	5.3774	.62107	.63133	.9830	2.076	3.7697	.60212
#2	2.330	5.4275	.62287	.63002	.9910	2.097	3.7994	.61253
#3	2.328	5.4156	.62108	.63011	.9956	2.101	3.7973	.61000

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	.44972	.08625	.1615	.09254	9.6203	.8020	.05260	1.6301
Stddev	.00014	.00026	.0029	.00085	.0116	.0011	.00017	.0011
%RSD	.03068	.29570	1.810	.92355	.12020	.1391	.32645	.06680

#1	.44957	.08654	.1601	.09175	9.6160	.8030	.05246	1.6294
#2	.44975	.08609	.1596	.09242	9.6115	.8008	.05279	1.6295
#3	.44983	.08611	.1649	.09345	9.6334	.8022	.05255	1.6314

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	.75160	.04459	.0682	.26471	.50041	.77897	15.522
Stddev	.00093	.00006	.0006	.00008	.00295	.00334	.068
%RSD	.12340	.12804	.9355	.03170	.58993	.42915	.43577

#1	.75092	.04464	.0674	.26471	.49704	.77512	15.444
#2	.75124	.04461	.0685	.26479	.50165	.78120	15.567
#3	.75266	.04453	.0686	.26462	.50254	.78057	15.555

Sample Name: S2 Acquired: 4/23/2023 21:14:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	4157.5	76610.	3601.6	3562.6	4221.4
Stddev	3.0	54.	6.8	10.6	6.5
%RSD	.07190	.07062	.18881	.29811	.15388
#1	4158.2	76624.	3606.1	3563.0	4217.8
#2	4154.2	76655.	3593.8	3572.9	4217.5
#3	4160.1	76550.	3605.0	3551.7	4228.9

Sample Name: S3 Acquired: 4/23/2023 21:18:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	.15866	.29337	3.5584	.15360	.24422	5.5416	21.472	2.5638
Stddev	.00075	.00071	.0065	.00015	.00048	.0092	.077	.0277
%RSD	.47248	.24082	.18341	.09893	.19707	.16676	.35954	1.0786

#1	.15790	.29259	3.5508	.15347	.24396	5.5352	21.384	2.5425
#2	.15869	.29355	3.5620	.15357	.24392	5.5522	21.527	2.5950
#3	.15940	.29396	3.5622	.15377	.24477	5.5374	21.506	2.5537

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	4.722	10.920	1.2922	1.2741	1.976	4.120	7.4908	1.2078
Stddev	.008	.040	.1013	.0026	.005	.014	.0324	.0060
%RSD	.1732	.36429	7.8379	.20109	.2664	.3266	.43234	.49772

#1	4.713	10.875	1.2341	1.2712	1.969	4.105	7.4534	1.2031
#2	4.723	10.947	1.4092	1.2759	1.979	4.129	7.5082	1.2058
#3	4.729	10.939	1.2335	1.2752	1.978	4.127	7.5107	1.2146

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	.90648	.17556	.3454	.18329	19.648	1.614	.11011	3.0199
Stddev	.00114	.01331	.0017	.00040	1.553	.001	.00016	.0228
%RSD	.12584	7.5811	.4799	.21596	7.9052	.0465	.14653	.75609

#1	.90562	.16772	.3472	.18345	18.783	1.615	.10997	2.9981
#2	.90604	.19092	.3449	.18358	21.441	1.613	.11028	3.0436
#3	.90778	.16802	.3441	.18284	18.720	1.613	.11008	3.0181

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	1.5109	.09278	.1350	.53979	.99183	1.5751	31.444
Stddev	.0046	.00009	.0002	.00066	.00310	.0067	.076
%RSD	.30789	.09360	.1847	.12286	.31289	.42569	.24020

#1	1.5058	.09274	.1352	.53909	.98825	1.5676	31.358
#2	1.5117	.09288	.1347	.53989	.99349	1.5773	31.474
#3	1.5150	.09271	.1351	.54040	.99376	1.5804	31.499

Sample Name: S3 Acquired: 4/23/2023 21:18:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	3989.5	72616.	3787.7	3319.2	3983.0
Stddev	5.0	4738.	4.1	224.8	4.6
%RSD	.12652	6.5253	.10789	6.7735	.11642
#1	3994.7	75279.	3792.4	3443.5	3987.1
#2	3984.7	67145.	3785.6	3059.7	3978.0
#3	3989.1	75424.	3785.0	3454.4	3983.9

Sample Name: S4 Acquired: 4/23/2023 21:22:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	.31808	.56566	7.0332	.30472	.49045	11.157	42.612	4.9936
Stddev	.00297	.00536	.0705	.00203	.00419	.028	.214	.0724
%RSD	.93322	.94751	1.0029	.66657	.85452	.25176	.50184	1.4504

#1	.31473	.55947	6.9520	.30237	.48563	11.165	42.623	5.0315
#2	.32039	.56892	7.0792	.30591	.49321	11.180	42.820	5.0393
#3	.31912	.56859	7.0684	.30587	.49251	11.125	42.393	4.9101

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	9.261	21.280	2.4440	2.5065	3.905	8.042	14.608	2.4167
Stddev	.091	.200	.0116	.0263	.018	.026	.075	.0069
%RSD	.9786	.93982	.47617	1.0479	.4664	.3219	.51043	.28489

#1	9.157	21.266	2.4530	2.4762	3.915	8.045	14.624	2.4160
#2	9.313	21.486	2.4480	2.5228	3.915	8.066	14.674	2.4240
#3	9.314	21.087	2.4308	2.5204	3.884	8.014	14.527	2.4103

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	1.7757	.33683	.7021	.36162	36.487	3.235	.22288	5.7956
Stddev	.0187	.00062	.0044	.00224	.059	.011	.00236	.0590
%RSD	1.0547	.18344	.6302	.61911	.16279	.3479	1.0578	1.0183

#1	1.7542	.33727	.7071	.36047	36.533	3.241	.22019	5.8165
#2	1.7881	.33711	.7007	.36420	36.420	3.242	.22392	5.8413
#3	1.7849	.33612	.6986	.36019	36.508	3.222	.22455	5.7289

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	3.0092	.18766	.2655	1.0594	1.9582	3.2018	62.455	
Stddev	.0210	.00199	.0013	.0126	.0088	.0061	.520	
%RSD	.69631	1.0578	.4899	1.1927	.44882	.18931	.83247	

#1	2.9850	.18544	.2656	1.0449	1.9616	3.2066	62.517	
#2	3.0210	.18928	.2667	1.0650	1.9648	3.2039	62.942	
#3	3.0216	.18825	.2641	1.0682	1.9482	3.1950	61.908	

Sample Name: S4 Acquired: 4/23/2023 21:22:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	3803.0	71629.	3754.9	3215.6	3768.2
Stddev	25.7	174.	40.3	9.2	30.8
%RSD	.67694	.24270	1.0745	.28641	.81838
#1	3832.7	71465.	3738.2	3213.5	3803.8
#2	3788.0	71611.	3725.6	3225.7	3748.4
#3	3788.2	71812.	3800.9	3207.7	3752.5

Sample Name: S5 Acquired: 4/23/2023 21:25:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	.69870	1.1538	14.581	.66358	1.0784	23.235	85.954	10.559
Stddev	.00408	.0041	.069	.00409	.0042	.046	.736	.066
%RSD	.58336	.35347	.47514	.61566	.38817	.19586	.85581	.62356

#1	.70084	1.1534	14.594	.66519	1.0786	23.184	85.577	10.519
#2	.69400	1.1500	14.506	.65893	1.0740	23.272	86.802	10.635
#3	.70125	1.1581	14.642	.66662	1.0824	23.249	85.484	10.524

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	18.96	42.388	4.7778	5.1890	7.981	16.19	29.257	4.8918
Stddev	.07	.233	.0792	.0234	.018	.03	.100	.0021
%RSD	.3957	.54891	1.6580	.45046	.2250	.1753	.34083	.04338

#1	18.97	42.121	4.8693	5.1926	7.960	16.16	29.144	4.8933
#2	18.88	42.544	4.7298	5.1641	7.993	16.22	29.298	4.8928
#3	19.03	42.500	4.7345	5.2104	7.990	16.20	29.331	4.8894

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	3.6570	.70667	1.459	.73885	67.740	6.763	.48173	11.683
Stddev	.0163	.00281	.004	.00377	.472	.019	.00230	.096
%RSD	.44518	.39724	.2731	.51085	.69718	.2790	.47812	.82465

#1	3.6618	.70985	1.455	.73458	68.285	6.741	.48289	11.593
#2	3.6388	.70456	1.463	.74176	67.491	6.775	.47908	11.785
#3	3.6703	.70559	1.459	.74021	67.444	6.773	.48323	11.673

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4249	.40836	.5399	2.1984	3.9817	6.9185	125.35
Stddev	.0365	.00228	.0027	.0094	.0073	.0021	.69
%RSD	.56782	.55911	.5085	.42542	.18301	.03018	.55441

#1	6.4246	.41017	.5368	2.2026	3.9754	6.9169	124.60
#2	6.3885	.40579	.5413	2.1877	3.9897	6.9209	125.47
#3	6.4615	.40910	.5417	2.2049	3.9799	6.9178	125.97

Sample Name: S5 Acquired: 4/23/2023 21:25:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	3365.3	69069.	3508.2	2941.5	3380.9
Stddev	15.8	535.	18.6	18.0	13.6
%RSD	.47026	.77519	.52992	.61032	.40361
#1	3359.2	68464.	3525.6	2921.4	3374.2
#2	3383.2	69482.	3488.6	2955.9	3396.6
#3	3353.4	69260.	3510.5	2947.3	3371.9

Sample Name: S6 Acquired: 4/23/2023 21:30:00 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) 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	62.898	77.625	44.22	8.7211	4.546
Stddev	.435	.226	.12	.0874	.002
%RSD	.69135	.29122	.2781	1.0021	.0403

#1	62.780	77.782	44.14	8.6307	4.545
#2	62.535	77.366	44.15	8.7276	4.545
#3	63.380	77.728	44.36	8.8051	4.548

Int. Std.	Y_3710
Units	Cts/S
Avg	3533.4
Stddev	10.2
%RSD	.28759

#1	3525.4
#2	3544.8
#3	3529.8

Sample Name: ICV004 Acquired: 4/23/2023 21:34:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9160548	.9950756	.9063598	.9490162	.9923958	2.274976
Stddev	.0010625	.0058012	.0021818	.0025837	.0031939	.015154
%RSD	.1159866	.5829940	.2407152	.2722501	.3218333	.6661189

#1	.9157172	1.001669	.9054012	.9483127	.9912221	2.291183
#2	.9172451	.992802	.9048214	.9468572	.9960104	2.261160
#3	.9152022	.990756	.9088567	.9518788	.9899548	2.272584

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4911246	.4926427	.4713146	9.657411	.5104779	.4717925
Stddev	.0028730	.0037336	.0006969	.108111	.0014290	.0008670
%RSD	.5849942	.7578769	.1478682	1.119457	.2799261	.1837638

#1	.4884126	.4888077	.4712718	9.573297	.5089177	.4711495
#2	.4908258	.4928546	.4706401	9.619584	.5117230	.4714495
#3	.4941354	.4962659	.4720320	9.779353	.5107930	.4727785

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4762738	9.362771	.5089466	6.574945	.4812548	.2343633
Stddev	.0012785	.028935	.0044996	.042039	.0008544	.0006242
%RSD	.2684291	.3090483	.8841082	.6393888	.1775263	.2663198

#1	.4756471	9.334925	.5046527	6.529870	.4809687	.2336668
#2	.4777447	9.360701	.5085599	6.581879	.4805803	.2348720
#3	.4754296	9.392685	.5136270	6.613087	.4822155	.2345511

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07219	.4976639	1.042945	10.26674	F .0020103	F -.013293
Stddev	.34846	.0053264	.003753	.06720	.0008882	.000708
%RSD	3.459624	1.070286	.3598187	.6545278	44.18114	5.324856

#1	10.32078	.4936760	1.042874	10.31271	.0024471	-.012551
#2	9.67389	.4956028	1.046732	10.18962	.0025955	-.013961
#3	10.22188	.5037129	1.039228	10.29789	.0009883	-.013366

Sample Name: ICV004 Acquired: 4/23/2023 21:34:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0009528	F .0068437	F .0100328	F -.001801	F .0018671	F .0061937
Stddev	.0001093	.0011888	.0069835	.000130	.0024826	.0037127
%RSD	11.47201	17.37010	69.60681	7.219994	132.9617	59.94304

#1	.0008457	.0075158	.0074208	-.001651	.0011637	.0101557
#2	.0010642	.0075442	.0047318	-.001872	-.000188	.0056309
#3	.0009484	.0054712	.0179458	-.001880	.004626	.0027946

Elem	Sr4077
Units	ppm
Avg	F .0013317
Stddev	.0000747
%RSD	5.607706

#1	.0012606
#2	.0014095
#3	.0013249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4324.215	79503.29	3850.876	3718.671	4611.689
Stddev	7.306	136.50	35.266	10.403	8.028
%RSD	.1689542	.1716921	.9157947	.2797626	.1740698

#1	4316.891	79384.48	3866.914	3706.667	4605.619
#2	4324.251	79652.39	3875.272	3725.070	4620.791
#3	4331.503	79472.99	3810.441	3724.277	4608.657

Sample Name: ICB004 Acquired: 4/23/2023 21:43:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004694	.0011133	-.000681	-.000345	-.000582	-.022156	.0004441
Stddev	.0011607	.0008070	.000551	.000465	.000710	.019214	.0011748
%RSD	247.2976	72.48851	80.89469	134.6352	121.9776	86.71977	264.5608

#1	.0008912	.0015698	-.001236	-.000143	.000179	-.017632	.0002104
#2	-.000843	.0015887	-.000673	-.000016	-.001227	-.005609	.0017181
#3	.001360	.0001815	-.000134	-.000877	-.000699	-.043229	-.000596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000530	.0000574	-.011994	-.000470	-.000144	.0009386	-.005658
Stddev	.0000297	.0000365	.003386	.000221	.000232	.0009088	.002090
%RSD	56.13506	63.53798	28.22981	46.98519	160.7932	96.82959	36.94743

#1	.0000213	.0000374	-.011510	-.000303	.000102	-.000084	-.008072
#2	.0000803	.0000353	-.008876	-.000387	-.000360	.001247	-.004422
#3	.0000573	.0000995	-.015596	-.000721	-.000175	.001653	-.004480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004113	.0365711	.0000340	-.000105	.0684263	.0036828	-.000238
Stddev	.0002287	.0833428	.0001427	.000364	.2161827	.0038009	.000231
%RSD	55.59933	227.8927	420.2537	347.9502	315.9350	103.2070	96.88760

#1	.0001487	-.023343	-.000128	.000017	-.085725	.0080679	.000023
#2	.0005182	.131749	.000141	.000183	-.024536	.0016481	-.000325
#3	.0005669	.001307	.000089	-.000514	.315540	.0013323	-.000414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235155	.0006855	.0060397	.0004694	.0000419	.0020719	.0003552
Stddev	.2042834	.0020345	.0005474	.0000578	.0006592	.0015341	.0002818
%RSD	868.7172	296.8080	9.063890	12.32039	1575.085	74.04166	79.34622

#1	.1562087	.0007621	.0064990	.0004182	-.000424	.0038417	.0004312
#2	.1260657	-.001386	.0054339	.0004580	-.000246	.0012506	.0000432
#3	-.211728	.002681	.0061861	.0005321	.000796	.0011234	.0005913

Sample Name: ICB004 Acquired: 4/23/2023 21:43:25 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: ICB004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027291	.0015898	-.000034
Stddev	.0006586	.0036590	.000011
%RSD	24.13286	230.1522	32.60271

#1	.0021979	-.000863	-.000025
#2	.0034660	.005795	-.000030
#3	.0025234	-.000163	-.000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4303.676	79553.28	3827.151	3649.284	4772.431
Stddev	7.408	250.57	18.521	9.012	11.189
%RSD	.1721238	.3149702	.4839322	.2469577	.2344463

#1	4295.167	79523.94	3835.197	3640.769	4760.595
#2	4308.689	79817.23	3805.967	3658.722	4773.864
#3	4307.171	79318.67	3840.287	3648.361	4782.834

Sample Name: CCV009 Acquired: 4/23/2023 21:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919111	4.911079	24.93067	4.852325	4.920564	406.5171
Stddev	.031140	.023743	.13249	.027863	.024557	2.0908
%RSD	.6330417	.4834666	.5314247	.5742159	.4990718	.5143219

#1	4.932648	4.907666	24.92874	4.863305	4.928994	406.2242
#2	4.941191	4.936345	25.06412	4.873026	4.939795	408.7389
#3	4.883494	4.889227	24.79916	4.820645	4.892902	404.5882

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14164	.4821673	2.512455	391.6242	15.25818	2.517478
Stddev	.05817	.0010650	.011577	3.0393	.11576	.012859
%RSD	.5735860	.2208882	.4607856	.7760871	.7586721	.5107927

#1	10.12563	.4818531	2.511773	390.4445	15.24829	2.515910
#2	10.20614	.4833541	2.524358	395.0765	15.14769	2.531049
#3	10.09315	.4812947	2.501234	389.3516	15.37857	2.505474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96938	396.0631	14.87093	369.8289	2.512494	1.317186
Stddev	.08902	2.0642	.08954	.4372	.014414	.006321
%RSD	.5946817	.5211789	.6021035	.1182179	.5736955	.4798888

#1	14.99758	396.4455	14.86375	369.9570	2.511153	1.314326
#2	15.04088	397.9093	14.96384	370.1878	2.527533	1.312800
#3	14.86967	393.8344	14.78519	369.3420	2.498798	1.324431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	382.4174	2.459956	15.66481	151.2735	5.109436	F 4.080745
Stddev	2.0421	.008202	.08785	.6201	.021295	.027604
%RSD	.5339882	.3334003	.5608410	.4099154	.4167776	.6764545

#1	381.4792	2.451808	15.62753	150.8006	5.104872	4.085824
#2	384.7600	2.468210	15.60174	151.9756	5.132642	4.105457
#3	381.0131	2.459848	15.76516	151.0443	5.090792	4.050953

Sample Name: CCV009 Acquired: 4/23/2023 21:47:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.828189	5.116222	5.053612	5.046989	4.926819	4.945013
Stddev	.025965	.032383	.033194	.025473	.031225	.021591
%RSD	.5377758	.6329417	.6568359	.5047087	.6337703	.4366285

#1	4.836640	5.102612	5.063551	5.042598	4.924668	4.935696
#2	4.848875	5.153189	5.080701	5.074371	4.959063	4.969699
#3	4.799051	5.092867	5.016584	5.023997	4.896725	4.929645

Elem	Sr4077
Units	ppm
Avg	5.066711
Stddev	.034919
%RSD	.6891789

#1	5.043487
#2	5.106868
#3	5.049778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.494	70248.94	3715.471	3115.461	3489.271
Stddev	15.554	323.59	27.563	10.702	14.355
%RSD	.4297258	.4606327	.7418360	.3435066	.4114152

#1	3618.100	70207.87	3709.272	3120.565	3493.165
#2	3604.684	70591.10	3691.535	3122.655	3473.371
#3	3635.698	69947.84	3745.605	3103.162	3501.278

Sample Name: CCB009 Acquired: 4/23/2023 21:51:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009350	.0008543	.0008047	-.001413	-.001256	-.012302
Stddev	.0007068	.0002454	.0008696	.001620	.000578	.008746
%RSD	75.59458	28.72807	108.0588	114.6227	46.04344	71.09276

#1	.0017258	.0011373	-.000114	-.000243	-.001746	-.022194
#2	.0007142	.0006995	.000914	-.003262	-.001402	-.009121
#3	.0003649	.0007262	.001615	-.000735	-.000618	-.005592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005363	-.000050	.0000731	.0060187	.0001290	.0000872
Stddev	.0001821	.000069	.0000406	.0053869	.0001120	.0001457
%RSD	33.94804	138.7033	55.45132	89.50172	86.78797	167.0540

#1	.0003470	.000005	.0001029	.0010346	.0000987	.0002503
#2	.0007102	-.000026	.0000895	.0117337	.0000353	.0000411
#3	.0005518	-.000127	.0000270	.0052879	.0002530	-.000030

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010570	.0053876	.0001821	.0222644	.0000633	.0002743
Stddev	.0030364	.0082421	.0006324	.0149048	.0001830	.0000562
%RSD	287.2576	152.9843	347.3146	66.94478	289.2319	20.48106

#1	.0021355	.0141260	.0008423	.0228338	.0000576	.0002920
#2	-.002371	-.002247	-.000418	.0368763	.0002491	.0003196
#3	.003407	.004284	.000122	.0070830	-.000117	.0002115

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2529933	.0054329	-.000451	.0414072	-.001085	F .0120894
Stddev	.7259140	.0003299	.000233	.1734084	.000689	.0005625
%RSD	286.9302	6.072923	51.61506	418.7882	63.45674	4.652596

#1	.0395096	.0058033	-.000385	-.158168	-.001881	.0125404
#2	1.061711	.0051705	-.000710	.155261	-.000686	.0114591
#3	-.342240	.0053248	-.000259	.127129	-.000690	.0122686

Sample Name: CCB009 Acquired: 4/23/2023 21:51:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020722	.0010726	.0004392	.0012371	.0013520	.0034761
Stddev	.0006398	.0010826	.0085696	.0003762	.0015462	.0043044
%RSD	30.87797	100.9360	1951.001	30.41058	114.3657	123.8308

#1	.0027735	.0016508	.0082834	.0008076	-.000347	-.000424
#2	.0019227	-.000176	.0017412	.0013953	.002677	.002757
#3	.0015203	.001743	-.008707	.0015083	.001726	.008095

Elem	Sr4077
Units	ppm
Avg	.0000625
Stddev	.0000244
%RSD	38.99758

#1	.0000902
#2	.0000527
#3	.0000445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4294.390	80113.29	3816.838	3661.570	4756.620
Stddev	12.356	295.67	49.498	21.272	14.354
%RSD	.2877227	.3690599	1.296838	.5809397	.3017639

#1	4281.743	79901.29	3856.750	3656.737	4742.088
#2	4306.433	80451.05	3761.451	3684.842	4770.789
#3	4294.993	79987.55	3832.312	3643.131	4756.983

Sample Name: Ca 290ppm Acquired: 4/23/2023 21:55:11 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012959	.0003496	.0012643	-.000799	.0012401	-1.18773	.0015819
Stddev	.0008701	.0005036	.0015605	.003082	.0025700	.03432	.0000677
%RSD	67.14052	144.0565	123.4264	385.7572	207.2387	2.889733	4.282737

#1	.0010258	.0007922	.0026327	-.001697	.0041254	-1.22228	.0016584
#2	.0022691	.0004548	.0015953	.002632	-.000804	-1.18725	.0015296
#3	.0005930	-.000198	-.000435	-.003332	.000399	-1.15364	.0015576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0002031	286.9319	-.000125	-.000167	.0004302	.0046042
Stddev	.000045	.0000917	2.0090	.000635	.000114	.0033372	.0091135
%RSD	146.4535	45.13334	.7001705	508.8571	68.41360	775.7590	197.9414

#1	.000018	.0000988	285.7662	.000328	-.000297	.0029134	-.001782
#2	-.000039	.0002397	289.2517	-.000851	-.000122	.0017404	.000553
#3	-.000071	.0002708	285.7777	.000149	-.000082	-.003363	.015041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004373	.0746736	.0000658	-.000352	-.658183	.0023066	.0004327
Stddev	.0003659	.0395939	.0001393	.000132	.453315	.0054062	.0003634
%RSD	83.66888	53.02259	211.7507	37.35338	68.87369	234.3799	83.96164

#1	.0006683	.0748796	-.000083	-.000429	-.719053	-.003256	.0008521
#2	.0000154	.1141641	.000193	-.000427	-1.07799	.002634	.0002339
#3	.0006282	.0349771	.000087	-.000200	-.17751	.007542	.0002123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241159	-.002651	.0077229	.0008465	.0055871	.0056576	-.002242
Stddev	.0587769	.001748	.0002834	.0003806	.0036836	.0034532	.000434
%RSD	243.7270	65.95341	3.669267	44.96017	65.93114	61.03601	19.37666

#1	.0676171	-.004531	.0079741	.0009675	.0030969	.0081181	-.001998
#2	-.042751	-.001073	.0074157	.0011519	.0038459	.0071446	-.001985
#3	.047481	-.002349	.0077788	.0004201	.0098186	.0017100	-.002744

Sample Name: Ca 290ppm Acquired: 4/23/2023 21:55:11 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004575	.0597924	.0008969
Stddev	.001877	.0046377	.0000752
%RSD	41.02924	7.756345	8.383970

#1	-.002665	.0569607	.0008250
#2	-.006417	.0651446	.0008905
#3	-.004643	.0572720	.0009750

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.268	77349.24	3672.319	3490.860	4215.202
Stddev	11.898	161.65	22.260	9.440	15.467
%RSD	.2941937	.2089852	.6061690	.2704259	.3669410

#1	4051.242	77468.36	3667.220	3501.145	4220.480
#2	4030.530	77165.23	3653.049	3482.591	4197.786
#3	4051.033	77414.15	3696.686	3488.842	4227.339

Sample Name: Mg 250ppm Acquired: 4/23/2023 21:59:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021888	.0012972	.0008958	-.001411	-.001944	-.014200	.0014921
Stddev	.0008624	.0009499	.0006577	.003305	.001075	.019872	.0009391
%RSD	39.40013	73.22917	73.41614	234.3223	55.30901	139.9415	62.93464

#1	.0030931	.0013610	.0004165	-.004894	-.001810	-.031188	.0021408
#2	.0013755	.0022137	.0006253	.001682	-.003079	-.019066	.0019203
#3	.0020978	.0003170	.0016456	-.001020	-.000942	.007653	.0004153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0000245	.0533518	-.000243	.0000058	-.000171	-.003295
Stddev	.0000599	.0000103	.0374608	.000157	.0000419	.002840	.006354
%RSD	226.9948	42.26148	70.21466	64.78321	725.1948	1658.953	192.8232

#1	-.000030	.0000174	.0302266	-.000063	.0000429	.002506	-.010481
#2	.000020	.0000364	.0332564	-.000354	-.000040	.000130	.001577
#3	.000089	.0000197	.0965724	-.000312	.000014	-.003150	-.000981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008123	259.9207	.0011777	.0001120	-.096360	.0056408	.0001816
Stddev	.0003845	1.8388	.0001865	.0001437	.404570	.0020084	.0001148
%RSD	47.33196	.7074474	15.83652	128.2905	419.8514	35.60419	63.22802

#1	.0012553	260.1344	.0012551	.0000602	-.501167	.0072648	.0001532
#2	.0006145	261.6434	.0009650	.0002744	-.095886	.0033951	.0000836
#3	.0005669	257.9844	.0013131	.0000014	.307972	.0062625	.0003079

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0847899	-.001240	.0070469	.0002409	.0028341	.0011457	.0007992
Stddev	.0366505	.002227	.0008750	.0001885	.0023218	.0020031	.0002060
%RSD	43.22504	179.6412	12.41718	78.25874	81.92437	174.8339	25.77549

#1	.1268977	.000933	.0080029	.0002691	.0011769	.0008295	.0010108
#2	.0674032	-.001135	.0062856	.0004138	.0018375	-.000680	.0007877
#3	.0600686	-.003517	.0068524	.0000399	.0054878	.003288	.0005992

Sample Name: Mg 250ppm Acquired: 4/23/2023 21:59:12 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018503	.0065186	.0000573
Stddev	.0017620	.0012431	.0000637
%RSD	95.22970	19.06994	111.0802

#1	.0019853	.0052039	.0001002
#2	.0000247	.0076749	.0000876
#3	.0035410	.0066769	-.000016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4127.017	76644.69	3819.269	3503.587	4232.091
Stddev	12.414	266.59	21.869	20.523	11.256
%RSD	.3007864	.3478214	.5725919	.5857753	.2659606

#1	4133.800	76610.20	3796.372	3483.964	4242.549
#2	4134.562	76926.84	3821.497	3524.905	4233.545
#3	4112.690	76397.02	3839.939	3501.893	4220.179

Sample Name: Al 250ppm Acquired: 4/23/2023 22:03:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019360	.0014452	-.023686	.0002891	-.001599	259.7431	.0018994
Stddev	.0023992	.0026019	.001520	.0034635	.002798	.3651	.0007616
%RSD	123.9301	180.0395	6.416303	1198.018	175.0410	.1405793	40.09814

#1	-.000195	-.000146	-.025427	-.003484	.000880	259.4205	.0026656
#2	.001469	.000033	-.022626	.003325	-.001042	259.6692	.0018900
#3	.004534	.004448	-.023004	.001026	-.004633	260.1395	.0011425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000546	.0924385	.0096535	.0003203	.0034440	.0910832
Stddev	.000088	.000086	.0101778	.0003216	.0001434	.0020377	.0070788
%RSD	275.1643	15.73140	11.01034	3.331931	44.77806	59.16501	7.771782

#1	-.000092	-.000475	.1034682	.0094436	.0002512	.0052167	.0910133
#2	.000069	-.000642	.0904375	.0100238	.0004851	.0012178	.0840396
#3	-.000072	-.000521	.0834098	.0094930	.0002244	.0038976	.0981967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018856	.0235366	.0000619	-.000307	.1122439	.0057394	.0046470
Stddev	.0004238	.0751081	.0005066	.000291	.0956118	.0025347	.0002555
%RSD	22.47694	319.1118	818.7008	94.87544	85.18216	44.16298	5.497392

#1	.0018284	-.062275	.0005646	-.000184	.0817796	.0057173	.0048920
#2	.0014933	.077331	-.000448	-.000098	.0355763	.0082851	.0046669
#3	.0023351	.055554	.000069	-.000640	.2193757	.0032158	.0043822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2012746	-.000016	.0054873	.0003027	.0123610	.0039544	.0003430
Stddev	.0297015	.000164	.0007020	.0002048	.0010487	.0059882	.0003295
%RSD	14.75670	1004.432	12.79313	67.64240	8.484107	151.4310	96.06964

#1	.2168728	-.000014	.0062692	.0004642	.0111951	-.002666	-.000022
#2	.2199274	.000147	.0052816	.0000724	.0126606	.008994	.000433
#3	.1670237	-.000182	.0049111	.0003715	.0132274	.005535	.000619

Sample Name: Al 250ppm Acquired: 4/23/2023 22:03:13 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029878	.0030667	.0004862
Stddev	.0008537	.0007270	.0001572
%RSD	28.57347	23.70511	32.34004

#1	.0039266	.0036917	.0003420
#2	.0027790	.0032395	.0006538
#3	.0022579	.0022689	.0004627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4267.302	77836.11	3887.168	3643.156	4428.268
Stddev	11.021	87.81	16.550	19.810	10.690
%RSD	.2582771	.1128198	.4257538	.5437710	.2413925

#1	4256.005	77935.51	3905.515	3620.493	4418.040
#2	4278.025	77803.76	3882.625	3657.178	4427.399
#3	4267.875	77769.06	3873.364	3651.798	4439.366

Sample Name: Fe 280ppm Acquired: 4/23/2023 22:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001878	-.014352	.0086309	-.040675	-.009895	-.001161	.0014057
Stddev	.001381	.000118	.0013665	.002109	.001281	.009316	.0006055
%RSD	73.54981	.8234578	15.83228	5.185084	12.94215	802.1897	43.07608

#1	-.000516	-.014488	.0078796	-.039607	-.011296	-.010526	.0020722
#2	-.001840	-.014281	.0078049	-.043104	-.009603	-.001064	.0008897
#3	-.003277	-.014287	.0102082	-.039313	-.008785	.008105	.0012551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037445	.0050332	.5663037	-.000156	.0051528	-.037049	276.0890
Stddev	.0000587	.0000524	.0100066	.000115	.0002042	.004531	1.5403
%RSD	1.567797	1.041396	1.766996	74.00870	3.962021	12.23053	.5579049

#1	.0038122	.0049778	.5683141	-.000228	.0049441	-.032708	275.1201
#2	.0037141	.0050820	.5554446	-.000217	.0051622	-.041749	275.2817
#3	.0037072	.0050398	.5751525	-.000023	.0053521	-.036689	277.8651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008768	.0419838	.0053885	-.037322	-.344926	.0055798	.0326951
Stddev	.000180	.0689379	.0005409	.000489	.334925	.0037478	.0001697
%RSD	2.054055	164.2011	10.03733	1.310412	97.10054	67.16722	.5189637

#1	-.008769	.1201528	.0047720	-.036832	-.064293	.0043627	.0327233
#2	-.008587	.0159241	.0056102	-.037810	-.254789	.0097848	.0328489
#3	-.008947	-.010125	.0057833	-.037324	-.715695	.0025918	.0325131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1582654	.0076670	-.768578	-.002186	-.016091	-.007242	.0009680
Stddev	.0272712	.0009582	.005756	.000381	.000081	.004439	.0003961
%RSD	17.23132	12.49719	.7488664	17.42881	.5030950	61.29210	40.91624

#1	.1897369	.0075744	-.764560	-.001800	-.016141	-.006449	.0006125
#2	.1415933	.0067585	-.766002	-.002562	-.016135	-.003253	.0008966
#3	.1434660	.0086681	-.775172	-.002197	-.015998	-.012024	.0013949

Sample Name: Fe 280ppm Acquired: 4/23/2023 22:07:14 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006094	.0044922	.0000005
Stddev	.0012077	.0009308	.0000330
%RSD	198.1609	20.71990	7179.046

#1	-.000647	.0055655	.0000167
#2	.001762	.0039082	-.000037
#3	.000714	.0040027	.000022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.922	81268.50	3673.346	3658.988	4622.050
Stddev	10.473	258.08	22.519	19.330	9.970
%RSD	.2440145	.3175655	.6130476	.5282771	.2156965

#1	4303.992	81445.27	3678.680	3668.413	4631.371
#2	4286.543	80972.34	3692.720	3636.754	4623.240
#3	4285.232	81387.89	3648.639	3671.797	4611.538

Sample Name: Mn 60ppm Acquired: 4/23/2023 22:11:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007110	.0732148	.0055371	.0357013	-.001658	.0151030	.0011700
Stddev	.000727	.0009396	.0002714	.0026107	.001224	.0084216	.0007425
%RSD	10.22491	1.283346	4.901317	7.312692	73.83598	55.76110	63.45999

#1	-.006913	.0733782	.0056228	.0364288	-.000632	.0185509	.0009079
#2	-.006502	.0722043	.0057553	.0378711	-.003013	.0212536	.0020080
#3	-.007915	.0740620	.0052332	.0328040	-.001329	.0055046	.0005941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004511	.0000524	.0789924	.0069172	.0025426	.0175531	.0874079
Stddev	.000090	.0000430	.0037248	.0003861	.0000695	.0024858	.0092285
%RSD	1.990786	82.15122	4.715381	5.581699	2.735562	14.16177	10.55794

#1	-.004608	.0000759	.0803889	.0065568	.0025413	.0177972	.0773742
#2	-.004432	.0000027	.0747711	.0073247	.0024737	.0199078	.0955326
#3	-.004492	.0000785	.0818171	.0068702	.0026128	.0149541	.0893167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.44069	-.062702	.0027135	.0036102	-.015246	-.004129	.0065550
Stddev	.09131	.006508	.0001000	.0006061	.180988	.002648	.0002572
%RSD	.1562500	10.37897	3.683391	16.78874	1187.103	64.11926	3.923727

#1	58.37887	-.063066	.0027710	.0029918	.139353	-.005741	.0066318
#2	58.39763	-.069019	.0025981	.0036356	-.214329	-.005573	.0067650
#3	58.54558	-.056019	.0027714	.0042032	.029238	-.001074	.0062682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204649	-.022810	.0031582	-.001769	.2215730	.0256220	.0007396
Stddev	.0377806	.002229	.0006119	.000104	.0033699	.0073987	.0008287
%RSD	184.6123	9.772877	19.37418	5.879276	1.520878	28.87650	112.0501

#1	-.009151	-.024168	.0034437	-.001834	.2208844	.0250514	.0016711
#2	.063014	-.024024	.0035752	-.001824	.2252340	.0185251	.0004636
#3	.007532	-.020237	.0024558	-.001649	.2186007	.0332895	.0000841

Sample Name: Mn 60ppm Acquired: 4/23/2023 22:11:14 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020888	.0032531	.0001644
Stddev	.0027360	.0054501	.0001192
%RSD	130.9862	167.5350	72.46868

#1	.0017786	.0064117	.0000286
#2	-.000479	-.003040	.0002132
#3	.004967	.006388	.0002515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4350.233	79768.23	3883.289	3670.610	4734.420
Stddev	12.529	51.90	6.604	8.961	11.065
%RSD	.2880046	.0650599	.1700739	.2441238	.2337046

#1	4362.973	79827.00	3887.352	3670.393	4746.696
#2	4337.926	79749.00	3886.847	3679.677	4725.217
#3	4349.800	79728.70	3875.669	3661.759	4731.347

Sample Name: Cr 50ppm Acquired: 4/23/2023 22:15:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010338	.0152279	-.000863	-.000254	.7261661	.0084653	.0013593
Stddev	.000767	.0012863	.000289	.002405	.0008117	.0074509	.0003332
%RSD	7.415596	8.447138	33.51314	947.4475	.1117751	88.01626	24.51333

#1	-.010772	.0155780	-.000965	.000914	.7253257	.0139763	.0013798
#2	-.010789	.0138028	-.001087	.001344	.7262269	-.000012	.0010164
#3	-.009453	.0163030	-.000536	-.003020	.7269456	.011432	.0016819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	.0001876	-.003875	55.57074	-.002094	.0012855	-.000649
Stddev	.0000121	.0000323	.010502	.21865	.000226	.0043087	.005859
%RSD	32.59680	17.20495	270.9873	.3934603	10.81271	335.1778	903.0742

#1	.0000386	.0001557	-.014083	55.62316	-.002256	-.002972	-.006175
#2	.0000245	.0001868	-.004440	55.75841	-.002190	.005643	-.001265
#3	.0000486	.0002203	.006897	55.33065	-.001835	.001186	.005494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002477	-.009824	-.000970	.0002831	-.161995	-.161066	.0010535
Stddev	.000528	.070241	.000108	.0002438	.689675	.002993	.0002277
%RSD	21.33362	714.9904	11.08633	86.11790	425.7370	1.858505	21.61489

#1	-.002086	.048184	-.001065	.0005603	-.450355	-.158345	.0009846
#2	-.003078	.010264	-.000853	.0001017	.625059	-.160580	.0008682
#3	-.002268	-.087920	-.000992	.0001874	-.660690	-.164273	.0013077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026979	-.002978	.0206095	.0031053	.0062082	.0005864	-.002551
Stddev	.100362	.002214	.0002244	.0001649	.0030501	.0050186	.000161
%RSD	372.0010	74.35291	1.088916	5.308630	49.12962	855.8406	6.304958

#1	-.063239	-.004743	.0208456	.0029252	.0086595	.0045373	-.002439
#2	-.104172	-.003699	.0205839	.0032487	.0027925	-.005060	-.002478
#3	.086474	-.000493	.0203990	.0031420	.0071726	.002282	-.002735

Sample Name: Cr 50ppm Acquired: 4/23/2023 22:15:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004552	.0001475	.0004202
Stddev	.0017209	.0009064	.0000862
%RSD	378.0094	614.4233	20.50693

#1	.0010305	-.000709	.0004344
#2	-.001480	.000055	.0004984
#3	.001815	.001097	.0003278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.406	81649.54	3998.182	3173.465	4744.811
Stddev	12.694	155.31	26.190	3.804	13.863
%RSD	.3489800	.1902147	.6550399	.1198700	.2921764

#1	3648.587	81473.31	4028.241	3176.432	4752.976
#2	3623.608	81766.44	3980.282	3174.785	4728.804
#3	3640.023	81708.86	3986.022	3169.176	4752.653

Sample Name: V 60ppm Acquired: 4/23/2023 22:19:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034330	-.967264	-.003697	-.000287	-.122117	.0043603	.0011271
Stddev	.0033880	.002010	.001329	.002109	.003213	.0127177	.0003313
%RSD	98.69144	.2077544	35.93849	734.8880	2.630932	291.6680	29.39595

#1	.0030901	-.968506	-.004952	-.002722	-.123347	-.009079	.0014909
#2	.0069794	-.968341	-.002305	.000945	-.124533	.005953	.0008426
#3	.0002294	-.964946	-.003833	.000916	-.118471	.016207	.0010479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000352	.0013273	.0060986	.0080315	.0015138	-.004796	.0135323
Stddev	.0000127	.0000595	.0073543	.0016042	.0001622	.002353	.0070891
%RSD	36.04756	4.486261	120.5903	19.97393	10.71519	49.06121	52.38689

#1	.0000257	.0012604	.0119502	.0093958	.0014217	-.002301	.0054019
#2	.0000496	.0013744	.0085024	.0084345	.0017011	-.006975	.0184213
#3	.0000302	.0013472	-.002157	.0062642	.0014186	-.005114	.0167736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007489	.0429744	.0003396	-.002943	-.086406	59.75681	.0028960
Stddev	.0000901	.0508777	.0000780	.000084	.621316	.07611	.0002346
%RSD	12.02950	118.3909	22.97186	2.866842	719.0687	.1273647	8.101813

#1	.0006601	.0913175	.0003038	-.003040	-.783590	59.70038	.0027172
#2	.0008402	.0477120	.0002858	-.002885	.408760	59.72667	.0031617
#3	.0007464	-.010106	.0004290	-.002904	.115613	59.84337	.0028092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0937027	-.006546	-.008475	-.002928	-.002746	.0115112	-.000937
Stddev	.1325279	.002689	.000978	.000152	.002267	.0079676	.000233
%RSD	141.4346	41.08030	11.54382	5.179425	82.56099	69.21594	24.88587

#1	-.054438	-.003696	-.009562	-.003100	-.005068	.0189299	-.000788
#2	.201006	-.009039	-.008200	-.002814	-.000538	.0030897	-.001205
#3	.134540	-.006901	-.007664	-.002870	-.002631	.0125140	-.000817

Sample Name: V 60ppm Acquired: 4/23/2023 22:19:25 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.032567	.0041139	.0001089
Stddev	.000932	.0052860	.0001152
%RSD	2.860665	128.4923	105.7891

#1	-.031602	.0004679	.0002012
#2	-.033461	.0016975	-.000020
#3	-.032640	.0101762	.000146

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4368.192	81222.16	3809.140	3674.134	4855.501
Stddev	15.806	57.44	21.472	8.985	7.145
%RSD	.3618422	.0707230	.5637080	.2445580	.1471593

#1	4354.567	81172.89	3791.434	3669.231	4848.442
#2	4364.489	81285.25	3833.024	3684.505	4855.330
#3	4385.521	81208.35	3802.963	3668.668	4862.730

Sample Name: Co 50ppm Acquired: 4/23/2023 22:23:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022450	.2267489	-.000251	-.020946	-.005655	-.016454	.0012077
Stddev	.0014355	.0011096	.000663	.003294	.001523	.021138	.0008009
%RSD	63.94084	.4893694	264.4834	15.72555	26.92699	128.4690	66.32057

#1	.0007401	.2271483	.000038	-.024445	-.007406	-.022075	.0008044
#2	.0035991	.2276036	.000219	-.020486	-.004634	.006926	.0021301
#3	.0023958	.2254949	-.001008	-.017905	-.004926	-.034213	.0006885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000710	.0164421	.0272981	.0032821	51.63012	-.041002	.0033872
Stddev	.0000386	.0000962	.0119348	.0002054	.20812	.001464	.0026151
%RSD	54.31204	.5852573	43.72024	6.257028	.4030907	3.570266	77.20454

#1	.0000840	.0163354	.0260714	.0035074	51.74328	-.042547	.0003687
#2	.0000276	.0165223	.0397989	.0032335	51.75713	-.040821	.0048247
#3	.0001014	.0164686	.0160240	.0031054	51.38994	-.039636	.0049682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013889	-.017286	.0150726	.0000913	-.499010	.0040113	-.000182
Stddev	.0003421	.011441	.0005670	.0002358	.080342	.0034981	.000087
%RSD	24.63112	66.19009	3.762020	258.1507	16.10026	87.20572	47.68302

#1	.0015204	-.020305	.0154538	.0003545	-.480088	.0069369	-.000256
#2	.0010005	-.004637	.0153430	-.000101	-.587124	.0001366	-.000087
#3	.0016456	-.026915	.0144209	.000020	-.429818	.0049605	-.000202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023944	.0055455	.1158230	.0006278	.0185937	.0114705	.0001894
Stddev	.091184	.0013595	.0008998	.0001633	.0016853	.0049607	.0005885
%RSD	380.8169	24.51514	.7768540	26.00148	9.063889	43.24788	310.6509

#1	-.072076	.0057510	.1168377	.0005198	.0173788	.0059264	-.000490
#2	.081221	.0067906	.1155094	.0005481	.0205177	.0154899	.000532
#3	-.080978	.0040950	.1151221	.0008156	.0178846	.0129952	.000527

Sample Name: Co 50ppm Acquired: 4/23/2023 22:23:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005705	.0033349	-.000112
Stddev	.001060	.0035806	.000150
%RSD	18.57232	107.3661	133.0707

#1	-.006775	.0017814	.000047
#2	-.004657	.0074298	-.000134
#3	-.005682	.0007934	-.000250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4338.476	82754.02	3842.287	3696.245	4863.290
Stddev	4.343	183.44	19.299	11.394	10.488
%RSD	.1000934	.2216748	.5022782	.3082579	.2156624

#1	4334.016	82824.40	3829.962	3707.310	4853.746
#2	4342.691	82545.81	3832.371	3684.549	4861.605
#3	4338.721	82891.85	3864.528	3696.877	4874.519

Sample Name: Cu 60ppm Acquired: 4/23/2023 22:27:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003128	.0007084	-.000856	-.001927	-.000054	-.021066	.0018532
Stddev	.001911	.0006200	.000851	.002534	.002228	.014812	.0006592
%RSD	61.10541	87.52411	99.40564	131.4829	4120.557	70.31374	35.56976

#1	-.005331	-.000006	-.001460	-.004845	.001357	-.038042	.0011195
#2	-.001916	.001111	-.001225	-.000287	.001104	-.014385	.0023955
#3	-.002137	.001020	.000117	-.000649	-.002623	-.010771	.0020444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000001	-.000058	.0102604	-.000266	.0001991	58.52670	-.002497
Stddev	.0000335	.000046	.0013926	.000183	.0000955	.17089	.007505
%RSD	41479.84	78.65906	13.57280	68.73731	47.93452	.2919856	300.5984

#1	.0000387	-.000039	.0089605	-.000448	.0002546	58.52177	.001345
#2	-.000019	-.000111	.0100907	-.000083	.0000889	58.70000	.002309
#3	-.000019	-.000026	.0117302	-.000266	.0002538	58.35833	-.011145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001501	.0264376	-.000096	.0006614	.2151961	.0004553	.0492915
Stddev	.0001826	.0277746	.000092	.0002658	.4974291	.0040519	.0003790
%RSD	121.6754	105.0574	96.15246	40.18836	231.1516	890.0290	.7689158

#1	.0003601	.0584485	-.000138	.0009595	-.353016	.0032636	.0492986
#2	.0000613	.0087271	.000010	.0004490	.426590	-.004190	.0496669
#3	.0000288	.0121372	-.000160	.0005757	.572014	.002292	.0489090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876608	.0351205	.0024682	-.000082	-.001768	-.003081	-.000833
Stddev	.0907344	.0006822	.0002232	.000070	.000618	.007007	.000138
%RSD	103.5061	1.942581	9.042124	85.27236	34.92230	227.4546	16.62286

#1	.0360596	.0347755	.0022357	-.000024	-.002063	.004213	-.000794
#2	.1924280	.0359063	.0026807	-.000159	-.002184	-.009761	-.000718
#3	.0344950	.0346796	.0024882	-.000063	-.001059	-.003695	-.000986

Sample Name: Cu 60ppm Acquired: 4/23/2023 22:27:34 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019337	.0014473	-.000045
Stddev	.0010185	.0013994	.000105
%RSD	52.66854	96.68804	234.5732

#1	.0011201	.0020722	.000075
#2	.0030759	-.000156	-.000120
#3	.0016051	.002425	-.000089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4291.071	83723.91	3934.484	3728.742	4742.599
Stddev	4.702	137.63	26.492	19.994	4.435
%RSD	.1095832	.1643865	.6733229	.5362131	.0935114

#1	4285.641	83808.45	3921.035	3735.939	4745.733
#2	4293.724	83565.10	3917.415	3706.145	4737.525
#3	4293.847	83798.18	3965.003	3744.140	4744.540

Sample Name: Pb 50ppm Acquired: 4/23/2023 22:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002727	.0003742	53.44185	-.002045	-.001304	-.004283	.0020308
Stddev	.0001741	.0021642	.03106	.001776	.000734	.010583	.0003303
%RSD	63.83694	578.3362	.0581126	86.82193	56.27302	247.0683	16.26516

#1	.0000753	.0019346	53.40604	-.000337	-.000464	-.016472	.0017844
#2	.0004043	-.002096	53.46134	-.003881	-.001630	.002570	.0024061
#3	.0003385	.001285	53.45819	-.001918	-.001819	.001052	.0019018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000220	.0000084	.0057572	-.000073	-.000125	.0007573	-.004030
Stddev	.0000500	.0000097	.0046816	.000394	.000168	.0026156	.001619
%RSD	227.0608	115.2795	81.31660	537.3727	134.0345	345.3760	40.17974

#1	-.000033	.0000163	.0016277	-.000141	.000038	-.001811	-.004479
#2	.000033	.0000115	.0048008	.000350	-.000116	.003417	-.002234
#3	.000066	-.000002	.0108431	-.000429	-.000297	.000666	-.005378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004951	-.040083	.0002519	.0001964	.5055502	.0005645	.0006086
Stddev	.0004679	.073438	.0002313	.0003623	.0501264	.0046603	.0004707
%RSD	94.50070	183.2141	91.83056	184.4794	9.915208	825.6075	77.34573

#1	.0000754	-.068095	.0002356	.0006125	.4713066	-.002117	.0004264
#2	.0009996	.043238	.0000292	-.000049	.5630846	.005946	.0002562
#3	.0004103	-.095393	.0004910	.000026	.4822593	-.002135	.0011433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055100	.0025581	.0027734	.0000720	.0019635	.0053793	-.000003
Stddev	.175935	.0001994	.0002911	.0004626	.0011717	.0048338	.000714
%RSD	319.3025	7.795313	10.49692	642.4530	59.67441	89.85979	20364.69

#1	.051220	.0023573	.0029364	-.000453	.0024197	.0108109	.000819
#2	-.258178	.0027561	.0029464	.000418	.0006323	.0015502	-.000370
#3	.041658	.0025608	.0024373	.000252	.0028385	.0037769	-.000460

Sample Name: Pb 50ppm Acquired: 4/23/2023 22:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013677	-.000584	.0000848
Stddev	.0013879	.002587	.0001194
%RSD	101.4809	443.3993	140.7598

#1	-.000118	-.000581	.0000815
#2	.002632	-.003172	-.000033
#3	.001589	.002002	.000206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4386.410	83139.57	3814.565	3732.637	4863.130
Stddev	5.812	447.64	31.679	19.044	7.627
%RSD	.1324920	.5384154	.8304679	.5101927	.1568251

#1	4388.754	83629.03	3847.058	3753.767	4869.612
#2	4379.793	83038.72	3783.769	3727.341	4854.726
#3	4390.684	82750.97	3812.867	3716.801	4865.051

Sample Name: Ti 60ppm Acquired: 4/23/2023 22:35:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023086	-.043988	-.021640	-.004015	-.054509	.0081526	-.000187
Stddev	.0022923	.002424	.000204	.001703	.000850	.0097018	.000665
%RSD	99.29368	5.511034	.9404884	42.42883	1.558992	119.0022	355.5832

#1	.0047303	-.046628	-.021627	-.005737	-.055096	.0040932	-.000684
#2	.0001724	-.043474	-.021849	-.003976	-.054896	.0192247	-.000445
#3	.0020232	-.041862	-.021443	-.002331	-.053534	.0011399	.000568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000109	.0405592	.0003106	.1015713	-.001970	-.006368
Stddev	.000081	.000033	.0130274	.0004524	.0002349	.004325	.006551
%RSD	215.1672	30.13749	32.11944	145.6270	.2312382	219.5039	102.8648

#1	-.000117	-.000091	.0429054	-.000211	.1016532	-.001000	-.009765
#2	.000044	-.000147	.0265181	.000556	.1017543	-.006698	-.010522
#3	-.000039	-.000089	.0522541	.000587	.1013065	.001787	.001183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007614	-.177738	.0006056	-.014338	-.308899	.0282558	-.010301
Stddev	.0005985	.012996	.0003136	.000267	.240197	.0035785	.000053
%RSD	78.60655	7.311638	51.78590	1.861586	77.75920	12.66450	.5141853

#1	.0014119	-.162915	.0003285	-.014532	-.083795	.0250664	-.010320
#2	.0002341	-.183123	.0005423	-.014447	-.561774	.0275755	-.010241
#3	.0006381	-.187175	.0009461	-.014033	-.281127	.0321256	-.010342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1879256	.0015557	.0166356	.0022439	.0029637	.3695482	-.148234
Stddev	.0891127	.0006664	.0006277	.0001410	.0013264	.0038120	.000968
%RSD	47.41915	42.83364	3.773234	6.285251	44.75541	1.031535	.6530622

#1	.0976424	.0011648	.0159212	.0021936	.0018132	.3730877	-.147492
#2	.1903147	.0023251	.0168870	.0024032	.0044146	.3655123	-.147881
#3	.2758198	.0011771	.0170987	.0021350	.0026634	.3700447	-.149329

Sample Name: Ti 60ppm Acquired: 4/23/2023 22:35:30 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	60.34112	.0051495	.0003831
Stddev	.09705	.0003374	.0000396
%RSD	.1608364	6.551699	10.32420

#1	60.35035	.0049502	.0003499
#2	60.43322	.0049593	.0003727
#3	60.23978	.0055390	.0004269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4370.762	80716.61	3748.441	3679.381	4802.514
Stddev	7.919	151.70	14.865	8.068	15.415
%RSD	.1811889	.1879401	.3965632	.2192750	.3209717

#1	4361.621	80831.91	3754.639	3674.850	4784.943
#2	4375.536	80544.76	3731.480	3674.597	4808.837
#3	4375.130	80773.17	3759.204	3688.696	4813.761

Sample Name: Ba 50ppm Acquired: 4/23/2023 22:39:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007328	-.000079	-.000905	-.001283	.0012735	-.017732	56.52281
Stddev	.0001618	.001601	.001088	.002017	.0010727	.014570	.33119
%RSD	22.07895	2014.317	120.2002	157.1711	84.23201	82.16630	.5859474

#1	.0005570	.000312	-.000572	-.000609	.0024242	-.000933	56.35925
#2	.0007660	-.001840	-.002121	-.003551	.0010953	-.025351	56.90397
#3	.0008754	.001290	-.000023	.000310	.0003011	-.026913	56.30522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004344	-.000031	-.004749	-.000064	-.001140	-.000938	-.004921
Stddev	.0000592	.000028	.012538	.000482	.000071	.001327	.004994
%RSD	13.63318	92.06371	264.0159	758.2453	6.259787	141.5321	101.4891

#1	.0003924	-.000033	-.009717	.000375	-.001066	.000463	-.009515
#2	.0004085	-.000057	.009512	.000014	-.001146	-.001099	.000395
#3	.0005021	-.000001	-.014041	-.000580	-.001208	-.002177	-.005643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003476	-.004278	.0003052	-.000106	-.215669	.0020756	-.000347
Stddev	.0004554	.054179	.0000613	.000389	.587108	.0021785	.000306
%RSD	131.0057	1266.565	20.07617	365.6055	272.2261	104.9573	88.21993

#1	-.000033	.003308	.0003681	-.000059	-.885430	.0001127	-.000015
#2	.000223	.045708	.0002457	-.000517	.210104	.0044195	-.000408
#3	.000852	-.061849	.0003016	.000257	.028318	.0016946	-.000617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0719548	.0012946	.0016000	.0000196	.0017802	.0080539	.0003390
Stddev	.0446758	.0008485	.0011011	.0001764	.0038030	.0053184	.0005267
%RSD	62.08868	65.53902	68.81735	899.6924	213.6272	66.03493	155.3868

#1	.0532763	.0019723	.0020693	.0000693	.0041992	.0104323	.0009168
#2	.1229385	.0003430	.0023886	.0001657	-.002603	.0019614	.0002143
#3	.0396496	.0015685	.0003420	-.000176	.003745	.0117679	-.000114

Sample Name: Ba 50ppm Acquired: 4/23/2023 22:39:27 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029434	.0006973	.0006984
Stddev	.0005056	.0041319	.0000309
%RSD	17.17928	592.5237	4.427816

#1	.0027497	.0039268	.0007302
#2	.0035173	.0021241	.0006685
#3	.0025632	-.003959	.0006966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4323.541	80045.31	3704.282	3675.254	4746.136
Stddev	1.538	52.81	17.419	6.637	3.949
%RSD	.0355842	.0659713	.4702480	.1805741	.0832140

#1	4323.689	80105.10	3710.119	3667.649	4741.612
#2	4325.000	80005.03	3684.693	3678.236	4747.898
#3	4321.934	80025.80	3718.032	3679.876	4748.898

Sample Name: Be 10ppm Acquired: 4/23/2023 22:43:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026638	.0001066	.0001158	-.002593	-.003222	-.010655	.0017437
Stddev	.0009807	.0011757	.0011755	.001046	.001116	.020675	.0013621
%RSD	36.81620	1102.950	1014.789	40.35054	34.63645	194.0452	78.11738

#1	.0037338	.0007429	-.000876	-.001387	-.002478	-.028610	.0024180
#2	.0018078	.0008270	.001414	-.003262	-.004505	-.015304	.0001759
#3	.0024498	-.001250	-.000191	-.003129	-.002682	.011949	.0026371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74727	-.000025	-.006027	-.000004	.0000928	.0009028	-.000415
Stddev	.02835	.000022	.016992	.000150	.0001477	.0006058	.010038
%RSD	.2638241	89.43732	281.9398	3817.786	159.1950	67.10116	2419.361

#1	10.77527	-.000002	-.011336	-.000163	.0000827	.0014447	-.010629
#2	10.74795	-.000025	.012986	.000135	.0002453	.0002488	-.000055
#3	10.71857	-.000046	-.019730	.000017	-.000050	.0010148	.009439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.012660	-.000410	.0001351	.0049490	.0021221	-.000193
Stddev	.000388	.035254	.000242	.0000852	.2851023	.0033674	.000247
%RSD	4319.302	278.4669	59.05375	63.03488	5760.789	158.6829	128.2222

#1	.000351	-.053254	-.000335	.0000373	.2557416	.0049642	-.000057
#2	.000042	.010278	-.000215	.0001929	.0642434	-.001597	-.000478
#3	-.000420	.004995	-.000682	.0001752	-.305138	.002999	-.000043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681803	.0030377	.0016320	.0000857	.0011870	-.001572	.0000365
Stddev	.1165669	.0013248	.0001200	.0002008	.0015321	.010995	.0007297
%RSD	170.9687	43.61010	7.355623	234.3350	129.0697	699.5076	1999.918

#1	-.066219	.0029428	.0016320	-.000139	.0013682	-.014186	-.000804
#2	.129026	.0044073	.0017520	.000246	-.000428	.005979	.000402
#3	.141734	.0017630	.0015120	.000150	.002620	.003492	.000511

Sample Name: Be 10ppm Acquired: 4/23/2023 22:43:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031023	.0043777	-.000086
Stddev	.0016375	.0024591	.000084
%RSD	52.78280	56.17357	97.63144

#1	.0034620	.0068740	-.000001
#2	.0045300	.0019575	-.000087
#3	.0013149	.0043017	-.000169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4316.669	81127.54	3895.939	3704.127	4762.368
Stddev	3.160	111.20	20.677	8.812	7.763
%RSD	.0732019	.1370621	.5307444	.2378876	.1630103

#1	4313.226	81162.86	3880.531	3714.161	4756.545
#2	4319.436	81002.97	3887.847	3697.651	4771.182
#3	4317.346	81216.78	3919.438	3700.568	4759.379

Sample Name: Cd 10ppm Acquired: 4/23/2023 22:47:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001648	.0006031	-.000128	-.002597	-.001196	-.022493	.0010656
Stddev	.001223	.0012898	.001342	.001120	.000614	.008335	.0006659
%RSD	74.19035	213.8406	1046.245	43.12830	51.37995	37.05753	62.49185

#1	-.000469	.0001700	-.001368	-.001748	-.001793	-.025335	.0011575
#2	-.001564	-.000414	.001296	-.002176	-.001229	-.029035	.0016807
#3	-.002910	.002054	-.000313	-.003866	-.000565	-.013108	.0003585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006034	9.782285	.0048227	-.000450	.0017668	-.001921	.0000235
Stddev	.0002121	.067674	.0146720	.000091	.0002060	.003142	.0053151
%RSD	35.14654	.6918055	304.2297	20.20205	11.65840	163.5478	22632.61

#1	.0008393	9.708093	.0002725	-.000346	.0016242	-.005429	-.003724
#2	.0005425	9.840629	.0212306	-.000486	.0020029	.000634	-.002311
#3	.0004285	9.798132	-.007035	-.000517	.0016732	-.000968	.006106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007524	.0149768	.0004597	.0001535	-.313312	.0032784	-.000055
Stddev	.0006304	.0214462	.0002065	.0002005	.344986	.0013351	.000143
%RSD	83.79163	143.1956	44.91924	130.6290	110.1092	40.72552	260.7858

#1	.0007674	.0145637	.0002217	.0000911	.052987	.0025223	-.000193
#2	.0001146	-.006260	.0005913	-.000008	-.632049	.0024929	-.000063
#3	.0013751	.036627	.0005662	.000378	-.360875	.0048200	.000092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760653	-.000977	.0024836	.0001621	-.000420	-.000267	-.000035
Stddev	.1172146	.001052	.0007738	.0003316	.001528	.005964	.000224
%RSD	154.0974	107.6909	31.15751	204.5419	363.8834	2235.284	645.6982

#1	.0685076	-.001884	.0028672	-.000183	-.000018	-.000900	.000125
#2	.1968758	.000177	.0029906	.000478	-.002109	.005989	-.000291
#3	-.037188	-.001225	.0015929	.000191	.000867	-.005889	.000062

Sample Name: Cd 10ppm Acquired: 4/23/2023 22:47:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024555	.0044356	-.000026
Stddev	.0012051	.0029046	.000017
%RSD	49.07834	65.48322	62.61382

#1	.0022016	.0018387	-.000007
#2	.0013975	.0075722	-.000037
#3	.0037673	.0038960	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4395.819	83458.26	3868.657	3759.978	4899.184
Stddev	18.921	113.32	5.018	8.065	20.595
%RSD	.4304241	.1357774	.1296992	.2144961	.4203772

#1	4416.058	83408.83	3867.534	3762.076	4921.654
#2	4378.574	83378.05	3874.141	3751.071	4881.206
#3	4392.823	83587.90	3864.296	3766.786	4894.690

Sample Name: TI 50ppm Acquired: 4/23/2023 22:51:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035530	53.83933	.0010284	-.000141	-.001708	-.022315	.0002323
Stddev	.0018652	.15535	.0004699	.002800	.001193	.013078	.0011220
%RSD	52.49643	.2885463	45.69063	1978.637	69.86322	58.60636	482.9278

#1	.0020338	53.99709	.0014888	-.002509	-.000428	-.028056	.0012694
#2	.0029906	53.83438	.0010468	-.000864	-.001907	-.007348	.0003863
#3	.0056348	53.68650	.0005496	.002949	-.002789	-.031540	-.000959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001444	.0067188	-.004755	-.000035	.0011598	.0013770	-.003771
Stddev	.0000893	.0000107	.007588	.000365	.0001977	.0012402	.009017
%RSD	61.81938	.1591876	159.5731	1045.472	17.04341	90.06503	239.0887

#1	.0002332	.0067175	-.013457	-.000074	.0013380	.0011888	-.010188
#2	.0001455	.0067089	-.001299	-.000378	.0009472	.0002416	-.007664
#3	.0000547	.0067301	.000489	.000348	.0011942	.0027005	.006538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015582	-.079000	.0142403	.0001186	-.017956	.0010892	-.000085
Stddev	.0003050	.045619	.0000340	.0001110	.229049	.0014392	.000325
%RSD	19.57199	57.74573	.2388908	93.65155	1275.580	132.1319	380.7735

#1	.0016784	-.028395	.0142758	.0002150	.246526	.0000101	.000078
#2	.0017848	-.116970	.0142369	-.000003	-.149810	.0027233	.000126
#3	.0012114	-.091636	.0142080	.000144	-.150586	.0005342	-.000459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1596068	-.001689	.0025272	.0002137	.0023558	.0049741	.0005301
Stddev	.0610146	.001344	.0004645	.0000801	.0035091	.0078329	.0001436
%RSD	38.22804	79.58489	18.38014	37.48137	148.9598	157.4725	27.09052

#1	.0974050	-.003094	.0023036	.0002071	.0045889	.0113960	.0003753
#2	.1620550	-.001556	.0030612	.0001372	-.001689	.0072790	.0006589
#3	.2193605	-.000416	.0022168	.0002970	.004167	-.003753	.0005560

Sample Name: TI 50ppm Acquired: 4/23/2023 22:51:41 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025860	.0050763	.0000283
Stddev	.0009614	.0031981	.0000378
%RSD	37.17562	63.00057	133.6872

#1	.0018146	.0079588	.0000596
#2	.0036630	.0056339	.0000391
#3	.0022804	.0016360	-.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4389.573	82028.34	3764.869	3715.188	4828.481
Stddev	18.791	168.98	15.084	15.578	17.629
%RSD	.4280775	.2060021	.4006601	.4193074	.3651029

#1	4368.335	81839.78	3772.693	3704.192	4811.019
#2	4396.342	82079.18	3747.480	3708.358	4828.153
#3	4404.041	82166.07	3774.433	3733.014	4846.272

Sample Name: Zn 40ppm Acquired: 4/23/2023 22:55:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004884	.0007711	.0104358	.0005454	-.005155	-.003837	.0019385
Stddev	.000726	.0006145	.0008953	.0030006	.001547	.017126	.0008111
%RSD	14.86583	79.69171	8.578941	550.2108	30.00461	446.3102	41.84411

#1	-.004650	.0014739	.0111808	-.000835	-.006769	.001225	.0015081
#2	-.004304	.0005035	.0094426	.003988	-.003686	.010186	.0014333
#3	-.005699	.0003357	.0106841	-.001517	-.005008	-.022923	.0028741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000102	.0288051	.0026413	-.000051	.0050147	.0180201
Stddev	.000014	.000029	.0116332	.0004249	.000095	.0074164	.0022463
%RSD	372.9178	29.04251	40.38604	16.08554	184.4257	147.8920	12.46543

#1	-.000017	-.000090	.0192823	.0027442	.000058	-.003337	.0172825
#2	.000010	-.000080	.0253617	.0030052	-.000110	.010830	.0205425
#3	-.000003	-.000135	.0417713	.0021744	-.000102	.007552	.0162354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072659	.0049132	.0017946	-.000129	-.309948	.0065271	36.36699
Stddev	.0001044	.0451252	.0004947	.000195	.244732	.0027190	.28111
%RSD	1.436134	918.4482	27.56921	150.9816	78.95904	41.65661	.7729816

#1	.0072249	.0568087	.0013529	.000082	-.554018	.0062117	36.29027
#2	.0071883	-.016982	.0017016	-.000166	-.064558	.0093901	36.67849
#3	.0073845	-.025087	.0023292	-.000303	-.311269	.0039796	36.13220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864928	.0034953	.0023544	-.004496	.0017160	.0116813	.0004309
Stddev	.1054752	.0022930	.0006248	.000255	.0006429	.0035031	.0001330
%RSD	121.9468	65.60191	26.53639	5.671880	37.46569	29.98862	30.87074

#1	.0264533	.0018226	.0017388	-.004764	.0023063	.0092506	.0005806
#2	.2082811	.0061091	.0029880	-.004466	.0010310	.0156966	.0003858
#3	.0247440	.0025541	.0023363	-.004257	.0018108	.0100966	.0003263

Sample Name: Zn 40ppm Acquired: 4/23/2023 22:55:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036644	.0042275	.0003090
Stddev	.0023383	.0029182	.0001156
%RSD	63.81125	69.03070	37.41770

#1	.0063424	.0066893	.0004298
#2	.0026236	.0010039	.0001994
#3	.0020272	.0049892	.0002976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4447.765	85344.38	4030.975	3828.820	4898.724
Stddev	13.698	574.31	34.731	19.894	8.563
%RSD	.3079668	.6729272	.8615966	.5195761	.1747969

#1	4434.625	85989.20	4007.697	3847.322	4888.837
#2	4446.711	84887.88	4070.895	3807.779	4903.628
#3	4461.959	85156.04	4014.332	3831.360	4903.708

Sample Name: Na 500ppm Acquired: 4/23/2023 22:59:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005104	.0009514	-.000658	.0003249	-.001079	.0862812	.0005937
Stddev	.0023477	.0001052	.000567	.0003826	.000927	.0057376	.0008668
%RSD	460.0022	11.05434	86.23748	117.7601	85.96119	6.649853	145.9948

#1	.0029980	.0009467	-.000248	-.000113	-.002096	.0925973	.0010122
#2	.0001994	.0010588	-.000421	.000593	-.000280	.0848548	.0011719
#3	-.001666	.0008486	-.001305	.000495	-.000861	.0813913	-.000403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000117	-.000030	.0614054	.0006073	.0000634	-.001400	.0226834
Stddev	.0000284	.000015	.0146453	.0001095	.0000895	.002791	.0063805
%RSD	243.8761	49.25316	23.85016	18.03309	141.1931	199.3559	28.12865

#1	.0000417	-.000042	.0546400	.0006149	.0001523	.001819	.0269041
#2	-.000015	-.000014	.0513659	.0004943	-.000027	-.002888	.0153433
#3	.000008	-.000035	.0782103	.0007129	.000065	-.003131	.0258028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009160	.1151309	.0000774	.0001741	499.7101	.0034805	.0029186
Stddev	.0005870	.0268615	.0002352	.0003026	.4764	.0006642	.0001119
%RSD	64.07871	23.33127	303.7908	173.8557	.0953396	19.08258	3.833562

#1	.0005587	.1396323	-.000040	-.000097	499.3012	.0042464	.0028998
#2	.0015934	.1193516	.000348	.000118	500.2332	.0030633	.0028173
#3	.0005959	.0864089	-.000076	.000501	499.5957	.0031318	.0030387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830497	.0050182	.0007129	-.000092	.0064285	.0081803	.0002566
Stddev	.0644947	.0016074	.0000649	.000214	.0010804	.0041645	.0002595
%RSD	77.65792	32.03091	9.107118	232.7061	16.80687	50.90903	101.1408

#1	.1563104	.0036306	.0006511	-.000331	.0071359	.0051512	.0000206
#2	.0580048	.0046444	.0007070	.000082	.0069648	.0129293	.0002146
#3	.0348340	.0067795	.0007805	-.000027	.0051849	.0064605	.0005345

Sample Name: Na 500ppm Acquired: 4/23/2023 22:59:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0035575	.0038700	.0000917
Stddev	.0006559	.0033808	.0000695
%RSD	18.43672	87.35950	75.85101

#1	.0041159	.0077599	.0000163
#2	.0037215	.0022095	.0001533
#3	.0028352	.0016405	.0001053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4280.060	79065.07	4100.396	3645.023	4256.475
Stddev	20.663	204.73	22.842	23.215	19.921
%RSD	.4827821	.2589346	.5570652	.6368882	.4680062

#1	4273.838	78931.53	4077.013	3631.076	4252.451
#2	4263.223	78962.91	4101.521	3632.173	4238.873
#3	4303.120	79300.78	4122.655	3671.822	4278.100

Sample Name: Ni 50ppm Acquired: 4/23/2023 23:03:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011980	-.001080	.0096892	-.010642	-.001777	-.022244	-.001175
Stddev	.0012615	.000573	.0001509	.000079	.000356	.024955	.000064
%RSD	105.3019	53.06048	1.557675	.7441910	20.05922	112.1883	5.488523

#1	.0023834	-.000508	.0096572	-.010624	-.001465	.005354	-.001220
#2	-.000128	-.001654	.0095568	-.010728	-.002165	-.043221	-.001204
#3	.001338	-.001077	.0098535	-.010573	-.001700	-.028866	-.001101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000549	-.000143	.0086612	-.000167	.0096093	.0011101	.0008869
Stddev	.000016	.000066	.0079262	.000384	.0001707	.0004598	.0096860
%RSD	2.917907	45.99265	91.51436	229.6367	1.775836	41.42112	1092.078

#1	-.000547	-.000198	.0004610	-.000609	.0097714	.0006224	.0040348
#2	-.000534	-.000163	.0162816	.000081	.0094312	.0011723	-.009981
#3	-.000566	-.000070	.0092410	.000027	.0096252	.0015357	.008607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002067	-.011322	52.19941	-.000065	.0544840	.0054187	.3700700
Stddev	.0002967	.089349	.07950	.000312	.1090217	.0013803	.0040695
%RSD	143.5646	789.1998	.1522919	475.8523	200.0986	25.47327	1.099657

#1	-.000008	-.049189	52.14783	-.000412	.0201314	.0038854	.3741304
#2	.000083	-.075501	52.15944	.000191	-.033224	.0065622	.3659914
#3	.000545	.090726	52.29095	.000024	.176544	.0058086	.3700881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113152	.0616829	.0010784	.0006340	-.006151	.0078855	-.000092
Stddev	.107146	.0024378	.0003458	.0001102	.001533	.0016718	.000656
%RSD	94.69218	3.952121	32.06203	17.38389	24.92509	21.20076	714.7833

#1	-.235871	.0631708	.0013011	.0006862	-.005427	.0084764	-.000059
#2	-.038175	.0630084	.0006801	.0007084	-.005114	.0091816	.000548
#3	-.065411	.0588696	.0012540	.0005074	-.007913	.0059985	-.000764

Sample Name: Ni 50ppm Acquired: 4/23/2023 23:03:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.025134	.0045078	-.000005
Stddev	.002492	.0027735	.000073
%RSD	9.914505	61.52618	1493.571

#1	-.025980	.0070522	.000047
#2	-.022330	.0049201	.000027
#3	-.027094	.0015513	-.000088

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4617.072	87196.00	4240.392	3938.911	5030.649
Stddev	7.104	514.53	46.174	34.707	8.529
%RSD	.1538581	.5900877	1.088911	.8811216	.1695485

#1	4612.998	86806.84	4201.108	3899.506	5030.353
#2	4625.275	87779.37	4228.815	3964.935	5039.322
#3	4612.944	87001.79	4291.253	3952.293	5022.271

Sample Name: Se 25ppm Acquired: 4/23/2023 23:07:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005160	.0000448	-.000737	24.64706	-.001789	-.011346	.0000424
Stddev	.0015453	.0001721	.000369	.07314	.001451	.001638	.0003805
%RSD	299.5056	383.7815	50.14606	.2967488	81.13750	14.43869	897.3853

#1	.0022858	.0001174	-.001083	24.69455	-.000502	-.011295	.0004769
#2	-.000565	.0001688	-.000348	24.68379	-.003362	-.009733	-.000231
#3	-.000173	-.000152	-.000779	24.56283	-.001501	-.013008	-.000119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	.0000230	.0047420	.0009570	.0002582	-.002361	-.002169
Stddev	.000056	.0000268	.0025500	.0001477	.0001871	.002761	.003601
%RSD	58.74636	116.2954	53.77548	15.42865	72.45642	116.9467	166.0152

#1	-.000031	.0000124	.0023442	.0010980	.0001636	-.005549	-.006266
#2	-.000128	.0000031	.0044608	.0008035	.0001374	-.000813	.000494
#3	-.000129	.0000534	.0074210	.0009694	.0004738	-.000721	-.000735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001841	-.001985	.0010562	.0001444	.0008962	.0036808	.0003709
Stddev	.0002910	.036103	.0001826	.0001896	.2335449	.0007361	.0003361
%RSD	158.0628	1818.571	17.29191	131.3040	26060.65	19.99745	90.63121

#1	.0000395	.038367	.0011353	-.000029	.2261173	.0029267	.0006969
#2	-.000006	-.031227	.0011859	.000347	-.240166	.0037183	.0003903
#3	.000519	-.013096	.0008473	.000116	.016737	.0043974	.0000255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058345	.0023139	.0000420	.0002057	-.000547	-.001290	-.000120
Stddev	.102302	.0005909	.0002164	.0002726	.002452	.009177	.000191
%RSD	175.3390	25.53597	515.3181	132.5605	448.0006	711.2351	159.1637

#1	-.119132	.0029953	.0002354	-.000095	-.001596	-.002523	-.000262
#2	.059766	.0019430	-.000192	.000277	.002255	-.009788	-.000195
#3	-.115669	.0020035	.000082	.000436	-.002301	.008441	.000097

Sample Name: Se 25ppm Acquired: 4/23/2023 23:07:48 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017020	.0078152	-.000032
Stddev	.0018205	.0025788	.000012
%RSD	106.9589	32.99707	38.72979

#1	.0013608	.0107922	-.000034
#2	.0000763	.0062673	-.000043
#3	.0036690	.0063863	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4651.052	87369.71	4460.544	3856.936	5171.670
Stddev	18.742	5601.47	14.334	258.384	13.525
%RSD	.4029526	6.411224	.3213590	6.699192	.2615292

#1	4635.018	80901.70	4471.064	3558.750	5161.686
#2	4646.481	90613.21	4444.217	4014.747	5166.262
#3	4671.656	90594.21	4466.351	3997.310	5187.063

Sample Name: Mo 50ppm Acquired: 4/23/2023 23:11:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140390	-.253597	-.043723	.0021282	.0812014	2.210207	-.001822
Stddev	.0015930	.001689	.000223	.0017319	.0027307	.028213	.000577
%RSD	11.34673	.6661392	.5110417	81.38178	3.362883	1.276510	31.68686

#1	.0150283	-.253050	-.043962	.0037090	.0799962	2.177656	-.002352
#2	.0122014	-.252250	-.043689	.0023986	.0792806	2.227635	-.001908
#3	.0148874	-.255492	-.043519	.0002769	.0843273	2.225330	-.001207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024294	-.000599	-.037652	-.003883	-.041636	.0148813	.0016163
Stddev	.000141	.000007	.009592	.000114	.000233	.0024682	.0011764
%RSD	.5804293	1.181631	25.47614	2.944171	.5601070	16.58594	72.78487

#1	-.024366	-.000607	-.027110	-.003930	-.041372	.0139278	.0013441
#2	-.024384	-.000595	-.045865	-.003752	-.041722	.0176840	.0029050
#3	-.024131	-.000595	-.039982	-.003966	-.041814	.0130320	.0005999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001759	-.598264	-.004406	-.007217	.7496627	-.453897	-.004022
Stddev	.000387	.027443	.000668	.000372	.1563986	.002757	.000126
%RSD	22.00287	4.587031	15.16880	5.159533	20.86253	.6074986	3.131468

#1	-.002088	-.577412	-.004187	-.006960	.5996367	-.450724	-.004049
#2	-.001332	-.588026	-.003875	-.007644	.7376143	-.455708	-.004133
#3	-.001856	-.629353	-.005156	-.007046	.9117370	-.455260	-.003885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069305	.0061332	-.115894	50.80336	-.308876	.4386130	.0007935
Stddev	.066476	.0014302	.000593	.10720	.004701	.0039972	.0005284
%RSD	95.91790	23.31975	.5113577	.2110182	1.522072	.9113220	66.59764

#1	-.024506	.0060475	-.116144	50.75111	-.303996	.4340122	.0006758
#2	-.037724	.0047477	-.115217	50.73230	-.309257	.4412329	.0013709
#3	-.145684	.0076043	-.116321	50.92667	-.313376	.4405939	.0003338

Sample Name: Mo 50ppm Acquired: 4/23/2023 23:11:49 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029796	.0046859	.0000725
Stddev	.0006818	.0023310	.0000282
%RSD	22.88151	49.74542	38.83296

#1	.0036710	.0042594	.0000855
#2	.0023079	.0025976	.0000919
#3	.0029597	.0072008	.0000402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4564.600	88910.26	4188.703	3878.933	4923.372
Stddev	13.559	253.75	14.835	11.345	23.462
%RSD	.2970511	.2854016	.3541636	.2924897	.4765504

#1	4575.231	88733.56	4205.767	3868.438	4941.399
#2	4569.237	88796.19	4178.878	3890.971	4931.872
#3	4549.330	89201.03	4181.462	3877.391	4896.844

Sample Name: CCV010 Acquired: 4/23/2023 23:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036542	4.913629	24.99635	4.988890	5.029117	415.7206
Stddev	.004407	.020404	.06583	.002725	.011736	1.1991
%RSD	.0874925	.4152537	.2633615	.0546132	.2333667	.2884306

#1	5.035832	4.922132	24.96333	4.986113	5.038603	414.7993
#2	5.032534	4.890349	24.95356	4.988997	5.015992	415.2862
#3	5.041261	4.928406	25.07215	4.991559	5.032757	417.0764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32000	.4736264	2.501627	404.3887	14.86917	2.533162
Stddev	.03402	.0052715	.004353	2.9723	.11007	.006368
%RSD	.3296458	1.113017	.1740056	.7350098	.7402813	.2513714

#1	10.29345	.4724797	2.500844	403.2996	14.84468	2.530750
#2	10.30820	.4690225	2.497720	402.1146	14.77340	2.528353
#3	10.35835	.4793769	2.506319	407.7519	14.98943	2.540383

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14139	399.5234	14.82556	366.6597	2.527120	1.246857
Stddev	.06663	2.3227	.10130	3.7479	.004185	.004957
%RSD	.4400215	.5813624	.6832716	1.022183	.1656225	.3975571

#1	15.10101	398.1078	14.77873	363.7564	2.525264	1.245161
#2	15.10486	398.2584	14.75614	365.3318	2.524182	1.242971
#3	15.21829	402.2040	14.94180	370.8907	2.531912	1.252440

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.9685	2.476077	15.50980	151.3676	5.082056	F 4.111857
Stddev	1.4536	.011992	.09715	.5370	.004000	.034446
%RSD	.3727478	.4843307	.6264053	.3547526	.0786999	.8377133

#1	388.2954	2.462427	15.50031	150.8324	5.086365	4.091610
#2	390.6887	2.480879	15.41774	151.9064	5.078463	4.092332
#3	390.9214	2.484924	15.61135	151.3641	5.081341	4.151629

Sample Name: CCV010 Acquired: 4/23/2023 23:15:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829112	5.315870	5.027243	5.053088	4.933374	5.023414
Stddev	.010629	.014712	.020332	.003808	.015254	.017747
%RSD	.2200976	.2767611	.4044442	.0753615	.3092019	.3532875

#1	4.836681	5.328315	5.029562	5.052440	4.918007	5.005609
#2	4.816961	5.319663	5.005850	5.049646	4.933603	5.041102
#3	4.833695	5.299633	5.046316	5.057179	4.948512	5.023529

Elem	Sr4077
Units	ppm
Avg	5.116524
Stddev	.068859
%RSD	1.345821

#1	5.078010
#2	5.075538
#3	5.196023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3816.550	75091.14	4063.231	3273.321	3669.321
Stddev	6.639	376.36	37.157	14.354	8.780
%RSD	.1739646	.5012084	.9144790	.4385076	.2392749

#1	3820.735	75155.91	4074.786	3276.713	3672.956
#2	3820.021	75430.92	4093.237	3285.675	3675.699
#3	3808.895	74686.60	4021.668	3257.575	3659.308

Sample Name: CCB010 Acquired: 4/23/2023 23:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000298	.0003800	-.000306	-.000309	-.000686	.0012254	-.000653
Stddev	.001177	.0012357	.000480	.003234	.000632	.0075334	.000285
%RSD	394.5078	325.2128	156.7778	1048.358	92.03911	614.7607	43.63093

#1	-.001320	.0013573	-.000790	-.000837	-.001413	.0060072	-.000846
#2	.000988	-.001009	-.000297	.003157	-.000273	.0051276	-.000326
#3	-.000564	.000792	.000169	-.003246	-.000372	-.007459	-.000786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000073	.0108024	.0004930	-.000049	.0012890	.0124645
Stddev	.000036	.000080	.0110807	.0001385	.000155	.0016384	.0156597
%RSD	40.23875	110.3319	102.5762	28.08705	314.1422	127.1032	125.6346

#1	-.000107	.000008	-.000219	.0003605	-.000181	.0005916	.0248984
#2	-.000115	-.000073	.010684	.0006367	.000122	.0001147	.0176175
#3	-.000049	-.000153	.021942	.0004818	-.000089	.0031607	-.005122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005903	-.016189	.0001736	.0002009	.0664152	.0048767	.0003139
Stddev	.0005004	.083393	.0003138	.0001271	.4306551	.0049975	.0002347
%RSD	84.77069	515.1204	180.7600	63.29757	648.4280	102.4775	74.74541

#1	.0000409	.048017	-.000004	.0001440	.1553140	.0098874	.0001210
#2	.0010199	.013857	-.000011	.0001121	-.401752	.0048503	.0005751
#3	.0007100	-.110441	.000536	.0003465	.445683	-.000108	.0002457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0962458	.0012015	.0066453	.0046905	-.001107	.0030000	.0001398
Stddev	.0734548	.0016938	.0005067	.0011788	.001115	.0019660	.0001417
%RSD	76.32006	140.9813	7.625169	25.13143	100.7142	65.53343	101.3097

#1	.0996745	.0025849	.0070553	.0059388	-.001185	.0010657	.0002428
#2	.1679261	-.000688	.0068017	.0045363	-.002182	.0029382	.0001984
#3	.0211366	.001707	.0060788	.0035964	.000045	.0049962	-.000022

Sample Name: CCB010 Acquired: 4/23/2023 23:19:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003723	.0040337	.0002347
Stddev	.0001975	.0034252	.0001276
%RSD	53.06153	84.91480	54.34746

#1	.0005138	.0016461	.0003819
#2	.0001466	.0079581	.0001589
#3	.0004565	.0024969	.0001633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4579.464	86786.10	4136.754	3900.704	5054.488
Stddev	10.915	124.11	19.165	9.660	6.532
%RSD	.2383436	.1430114	.4632739	.2476593	.1292266

#1	4567.418	86659.50	4141.064	3889.940	5048.429
#2	4588.696	86907.57	4115.802	3908.622	5061.407
#3	4582.279	86791.23	4153.397	3903.549	5053.628

Sample Name: CCV011 Acquired: 4/24/2023 0:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919500	4.869272	24.58223	4.938507	4.966698	411.7226	10.19017
Stddev	.016166	.023652	.11292	.001632	.019480	3.2701	.07160
%RSD	.3286047	.4857379	.4593375	.0330399	.3922031	.7942556	.7026732

#1	4.929977	4.893411	24.70867	4.940238	4.974211	407.9829	10.10960
#2	4.927641	4.868264	24.54655	4.936998	4.981301	414.0451	10.24655
#3	4.900883	4.846140	24.49146	4.938285	4.944580	413.1398	10.21435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684738	2.457335	397.6595	14.82135	2.485552	15.00434	397.2255
Stddev	.0022863	.012567	3.3100	.04687	.011061	.10530	2.7109
%RSD	.4880363	.5114139	.8323803	.3162543	.4449939	.7017791	.6824598

#1	.4687093	2.471508	393.9034	14.81127	2.497871	14.88787	394.1025
#2	.4706332	2.452944	400.1502	14.87244	2.482313	15.09280	398.9716
#3	.4660788	2.447552	398.9249	14.78033	2.476473	15.03236	398.6025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67839	379.5380	2.475482	1.255982	386.0767	2.439953	15.35235
Stddev	.08847	5.5229	.013157	.004391	1.9163	.020256	.05794
%RSD	.6027476	1.455163	.5314885	.3496186	.4963501	.8301745	.3773907

#1	14.57675	373.1773	2.490389	1.250912	383.8994	2.416694	15.28632
#2	14.73813	383.1169	2.470567	1.258543	387.5068	2.449453	15.39466
#3	14.72028	382.3196	2.465491	1.258491	386.8239	2.453714	15.37608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.6421	4.926050	4.722902	4.803685	5.112896	4.926892	4.926702
Stddev	.6851	.012219	.026130	.019770	.021768	.017510	.021815
%RSD	.4547988	.2480451	.5532650	.4115591	.4257460	.3553978	.4427840

#1	149.8511	4.940138	4.698009	4.818782	5.137710	4.919283	4.951136
#2	151.0262	4.918341	4.750115	4.810967	5.097020	4.914474	4.919786
#3	151.0490	4.919670	4.720583	4.781307	5.103957	4.946919	4.909184

Sample Name: CCV011 Acquired: 4/24/2023 0:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.907067	4.993092	4.795248
Stddev	.032194	.043448	.019185
%RSD	.6560647	.8701622	.4000825

#1	4.871049	4.944985	4.774616
#2	4.933042	5.029474	4.812550
#3	4.917108	5.004819	4.798578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.583	73777.62	3984.174	3249.550	3650.315
Stddev	17.930	190.24	17.323	15.259	21.898
%RSD	.4743939	.2578577	.4348058	.4695713	.5998959

#1	3761.275	73972.49	3997.528	3267.076	3625.378
#2	3780.364	73592.37	3964.599	3242.356	3659.157
#3	3797.110	73768.01	3990.394	3239.218	3666.409

Sample Name: CCB011 Acquired: 4/24/2023 0:45:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007592	-.000097	.0011424	-.002813	-.001373	.0170141	-.000612
Stddev	.0019076	.000024	.0003379	.000906	.002147	.0171742	.000200
%RSD	251.2705	24.69330	29.57363	32.22280	156.3313	100.9414	32.75443

#1	.0012284	-.000122	.0008505	-.002751	.000075	.0316044	-.000803
#2	-.001339	-.000096	.0010642	-.003748	-.000355	-.001913	-.000403
#3	.002388	-.000074	.0015125	-.001939	-.003840	.021351	-.000629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0001110	.0206088	.0007980	.0002186	-.000463	.0333856
Stddev	.000011	.0000123	.0132540	.0000682	.0000936	.001067	.0080551
%RSD	34.50516	11.09067	64.31214	8.541044	42.84093	230.4383	24.12758

#1	-.000030	.0001246	.0105695	.0007194	.0001152	-.001695	.0425929
#2	-.000022	.0001077	.0356323	.0008410	.0002427	.000157	.0299241
#3	-.000043	.0001006	.0156247	.0008337	.0002978	.000149	.0276397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010903	.0180065	.0000721	.0001703	.1588465	.0053277	.0006509
Stddev	.0000781	.0389189	.0001052	.0001637	.6413577	.0031827	.0001493
%RSD	7.164305	216.1379	146.0777	96.11159	403.7595	59.73818	22.93287

#1	.0011800	-.026164	.0001582	.0003525	.8524572	.0078817	.0004826
#2	.0010370	.047262	.0001032	.0001230	-.412720	.0017622	.0007671
#3	.0010540	.032922	-.000045	.0000355	.036803	.0063393	.0007030

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0767128	.0009310	.0049906	.0022529	-.000157	.0029386	.0008864
Stddev	.0289223	.0023195	.0008094	.0008807	.001400	.0037018	.0003752
%RSD	37.70205	249.1376	16.21769	39.09331	890.5317	125.9684	42.32924

#1	.0871415	.0032117	.0051108	.0031137	-.001327	-.000998	.0013189
#2	.0989745	-.001425	.0057331	.0022914	.001394	.003465	.0006483
#3	.0440225	.001007	.0041278	.0013535	-.000538	.006349	.0006920

Sample Name: CCB011 Acquired: 4/24/2023 0:45:28 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: CCB011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014875	.0071121	.0002995
Stddev	.0013015	.0041235	.0000827
%RSD	87.48978	57.97821	27.60046

#1	.0029901	.0075343	.0003941
#2	.0007118	.0027937	.0002414
#3	.0007608	.0110082	.0002629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4555.303	84762.17	4213.073	3848.379	5071.121
Stddev	23.026	139.83	14.942	6.178	27.125
%RSD	.5054701	.1649694	.3546630	.1605407	.5348841

#1	4531.713	84922.31	4210.691	3841.409	5044.422
#2	4556.476	84699.95	4199.464	3853.183	5070.289
#3	4577.720	84664.24	4229.063	3850.544	5098.652

Sample Name: Ca 250ppm-2 Acquired: 4/24/2023 0:57:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007583	.0003256	.0006607	-.000901	-.000488	-.013250	.0003095
Stddev	.0029718	.0015801	.0011826	.001320	.001032	.002303	.0003923
%RSD	391.9077	485.2683	178.9942	146.4300	211.5554	17.38309	126.7642

#1	.0039146	.0020761	.0013625	.000617	.000585	-.010592	.0004042
#2	-.001986	-.000104	-.000705	-.001549	-.000576	-.014671	-.000122
#3	.000346	-.000995	.001324	-.001772	-.001472	-.014485	.000646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	.0001061	281.6649	-.000419	-.000116	.0008862	.0024876
Stddev	.000094	.0000492	.9739	.000061	.000078	.0031425	.0034885
%RSD	108.8584	46.37080	.3457577	14.62885	67.81260	354.6143	140.2394

#1	-.000084	.0000757	282.7885	-.000368	-.000057	.0030861	-.001325
#2	-.000181	.0001629	281.0631	-.000403	-.000205	.0022853	.005519
#3	.000007	.0000798	281.1431	-.000487	-.000085	-.002713	.003269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001550	-.013897	.0001121	-.000083	-.265893	.0055919	-.000075
Stddev	.0003590	.045082	.0000769	.000323	.094496	.0048180	.000178
%RSD	231.6601	324.4034	68.58333	391.0155	35.53896	86.15984	237.8202

#1	-.000190	.010832	.0000409	-.000271	-.326306	.0028074	-.000244
#2	.000128	-.065932	.0001936	.000291	-.314376	.0028131	-.000090
#3	.000527	.013409	.0001017	-.000268	-.156996	.0111552	.000110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056166	-.001338	.0009176	.0006041	.0040285	.0053641	-.002134
Stddev	.077181	.002466	.0006893	.0001251	.0023559	.0023448	.000040
%RSD	137.4152	184.3348	75.11960	20.70121	58.48232	43.71260	1.896760

#1	-.031531	-.002533	.0013920	.0005371	.0031471	.0039840	-.002096
#2	-.142657	-.002978	.0001269	.0007484	.0022403	.0080715	-.002129
#3	.005690	.001498	.0012341	.0005269	.0066980	.0040368	-.002176

Sample Name: Ca 250ppm-2 Acquired: 4/24/2023 0:57:35 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002992	.0593376	.0010163
Stddev	.001375	.0015470	.0000968
%RSD	45.96916	2.607204	9.530372

#1	-.001433	.0600258	.0009403
#2	-.004036	.0575659	.0009831
#3	-.003506	.0604211	.0011253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4297.659	79914.83	4084.959	3608.646	4501.186
Stddev	23.666	180.39	13.752	13.574	19.909
%RSD	.5506690	.2257229	.3366552	.3761451	.4422977

#1	4271.635	80098.42	4072.909	3623.653	4478.468
#2	4303.449	79908.24	4099.941	3605.061	4509.499
#3	4317.892	79737.83	4082.028	3597.225	4515.591

Sample Name: Mg 250ppm-2 Acquired: 4/24/2023 1:01:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017069	.0012845	-.000527	-.000181	-.002615	-.024381	.0003908
Stddev	.0014830	.0011345	.000987	.001636	.000426	.022539	.0005232
%RSD	86.88262	88.31936	187.1234	903.2854	16.28874	92.44548	133.8854

#1	.0004011	.0007360	.000599	.000005	-.003018	-.030891	.0002043
#2	.0033192	.0025890	-.000941	-.001902	-.002657	.000697	-.000014
#3	.0014003	.0005286	-.001240	.001353	-.002169	-.042949	.000982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	-.000005	.0248114	.0006000	-.000005	.0034666	-.003256
Stddev	.000034	.000052	.0124997	.0002001	.000265	.0016434	.008885
%RSD	62.82528	975.6903	50.37885	33.35305	5671.425	47.40708	272.8457

#1	-.000080	-.000050	.0360217	.0005305	.000272	.0021204	-.003532
#2	-.000068	.000052	.0113329	.0004439	-.000256	.0029814	-.012000
#3	-.000016	-.000017	.0270796	.0008256	-.000030	.0052980	.005763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007926	274.8869	.0006500	.0001126	.0278830	.0070372	.0002816
Stddev	.0005034	1.5500	.0001337	.0000908	.1807663	.0014929	.0001639
%RSD	63.50619	.5638711	20.56555	80.61128	648.3028	21.21438	58.21992

#1	.0013732	274.7342	.0006727	.0001784	-.179745	.0054613	.0003979
#2	.0005265	273.4189	.0007708	.0001505	.113136	.0084302	.0000941
#3	.0004782	276.5076	.0005064	.0000090	.150257	.0072200	.0003528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1056763	.0004763	.0010567	-.000340	.0000383	.0003586	.0002158
Stddev	.0489968	.0015558	.0014678	.000126	.0027679	.0041050	.0001245
%RSD	46.36501	326.6688	138.8998	37.00489	7234.321	1144.762	57.68596

#1	.1476493	-.001313	.0027270	-.000471	.0030145	.0001843	.0003367
#2	.0518357	.001236	.0004704	-.000220	-.002459	-.003656	.0002225
#3	.1175439	.001506	-.000027	-.000329	-.000441	.004548	.0000881

Sample Name: Mg 250ppm-2 Acquired: 4/24/2023 1:01:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015848	.0093256	-.000030
Stddev	.0020881	.0022622	.000090
%RSD	131.7551	24.25863	300.2533

#1	-.000745	.0087736	.000059
#2	.003287	.0073904	-.000121
#3	.002213	.0118127	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4236.997	80222.54	4023.458	3624.667	4348.090
Stddev	13.365	701.23	5.223	26.870	13.131
%RSD	.3154267	.8741115	.1298067	.7413048	.3019875

#1	4241.116	79669.82	4017.770	3602.339	4344.768
#2	4222.058	79986.44	4028.037	3617.175	4336.940
#3	4247.818	81011.35	4024.568	3654.488	4362.563

Sample Name: Al 250ppm-2 Acquired: 4/24/2023 1:05:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020855	.0023344	.0002028	-.000695	-.001537	256.2685	.0010950
Stddev	.0008721	.0009656	.0011665	.004435	.000447	1.0413	.0001259
%RSD	41.81703	41.36461	575.1588	638.4958	29.06592	.4063255	11.49532

#1	.0012991	.0027894	.0012036	-.002603	-.001790	255.0672	.0011398
#2	.0019340	.0029884	-.001078	-.003857	-.001021	256.9129	.0011924
#3	.0030235	.0012253	.000483	.004375	-.001801	256.8253	.0009529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000540	.1053080	-.000116	.0001759	.0015395	-.002916
Stddev	.000028	.000055	.0157150	.000594	.0001613	.0009211	.007967
%RSD	133.8378	10.15508	14.92287	511.9220	91.71470	59.83052	273.2021

#1	-.000032	-.000481	.1189110	-.000324	-.000009	.0022847	-.008983
#2	.000011	-.000552	.1089075	-.000578	.000287	.0018241	-.005872
#3	-.000043	-.000589	.0881056	.000554	.000249	.0005097	.006106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015047	.0931401	.0000466	-.000354	.4044739	.0040127	.0044583
Stddev	.0002675	.0375778	.0000893	.000203	.0446107	.0015346	.0000277
%RSD	17.77693	40.34541	191.5743	57.44050	11.02933	38.24280	.6207656

#1	.0012305	.0501436	-.000021	-.000454	.4348785	.0032793	.0044524
#2	.0017649	.1196944	.000148	-.000488	.3532606	.0029825	.0044884
#3	.0015188	.1095822	.000013	-.000120	.4252826	.0057764	.0044340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163921	.0020889	.0005978	.0005685	.0115777	.0114230	.0006506
Stddev	.0280818	.0019059	.0001440	.0000519	.0024584	.0024625	.0006630
%RSD	171.3132	91.24058	24.08793	9.131296	21.23420	21.55749	101.9116

#1	.0456505	-.000010	.0004625	.0005120	.0143920	.0129809	-.000104
#2	.0138686	.002564	.0007491	.0005794	.0104927	.0127040	.000914
#3	-.010343	.003712	.0005817	.0006140	.0098484	.0085840	.001141

Sample Name: Al 250ppm-2 Acquired: 4/24/2023 1:05:32 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017384	.0085987	.0005733
Stddev	.0010187	.0013506	.0000644
%RSD	58.59601	15.70644	11.24155

#1	.0027346	.0072997	.0005301
#2	.0006987	.0099955	.0006474
#3	.0017821	.0085010	.0005424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4484.858	81760.84	4127.149	3814.230	4642.477
Stddev	6.158	276.75	24.656	8.318	7.705
%RSD	.1373112	.3384847	.5974113	.2180658	.1659754

#1	4480.589	81479.36	4153.562	3820.185	4635.375
#2	4482.068	82032.60	4104.740	3817.778	4641.387
#3	4491.918	81770.55	4123.145	3804.727	4650.670

Sample Name: Fe 250ppm-2 Acquired: 4/24/2023 1:09:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002017	-.001099	-.001528	.0013735	-.009338	.0324916	.0014964
Stddev	.001885	.000438	.000719	.0016235	.000649	.0049677	.0005430
%RSD	93.45506	39.90002	47.06299	118.2059	6.945888	15.28933	36.28737

#1	-.000477	-.001307	-.001814	-.000388	-.010057	.0268071	.0012843
#2	-.001455	-.000595	-.002061	.002810	-.009162	.0346674	.0021134
#3	-.004120	-.001394	-.000710	.001699	-.008796	.0360001	.0010914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000337	.0002182	2.566027	.0001202	.0053574	.0030188	268.9585
Stddev	.000186	.0001255	.041299	.0003519	.0001737	.0025864	1.8141
%RSD	55.17897	57.53248	1.609470	292.6802	3.242807	85.67705	.6744932

#1	-.000361	.0002003	2.531980	-.000010	.0055579	.0042370	267.0363
#2	-.000140	.0001026	2.611968	-.000148	.0052593	.0000482	270.6407
#3	-.000509	.0003518	2.554133	.000519	.0052548	.0047712	269.1984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000187	.0216705	.0053981	-.001750	-.071603	.0081932	.0007483
Stddev	.000160	.0138275	.0004486	.000363	.539198	.0060284	.0002042
%RSD	85.52875	63.80788	8.310985	20.73583	753.0370	73.57829	27.29281

#1	-.000350	.0235246	.0058125	-.001894	.379248	.0151214	.0009787
#2	-.000180	.0344773	.0049217	-.001337	-.668895	.0053137	.0006765
#3	-.000031	.0070095	.0054602	-.002019	.074838	.0041445	.0005896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1269755	.0064208	-.009573	-.002517	-.016599	-.014735	.0010680
Stddev	.1215890	.0014054	.004233	.000622	.001463	.009498	.0009492
%RSD	95.75784	21.88765	44.21276	24.71399	8.815290	64.46243	88.87689

#1	.0704439	.0057292	-.007204	-.003123	-.016526	-.017090	.0011458
#2	.2665382	.0080379	-.014460	-.002549	-.018097	-.004280	.0019760
#3	.0439443	.0054952	-.007055	-.001880	-.015174	-.022834	.0000823

Sample Name: Fe 250ppm-2 Acquired: 4/24/2023 1:09:30 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029124	.0044706	-.268939
Stddev	.0011152	.0004730	.001767
%RSD	38.29171	10.58001	.6570490

#1	.0020106	.0048721	-.267099
#2	.0041593	.0039492	-.270623
#3	.0025672	.0045905	-.269094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4414.736	83434.21	4108.175	3797.226	4722.658
Stddev	54.424	161.78	39.438	6.413	57.025
%RSD	1.232770	.1939020	.9599990	.1688925	1.207481

#1	4453.032	83509.19	4149.251	3798.879	4757.104
#2	4438.738	83544.90	4070.608	3790.147	4754.036
#3	4352.437	83248.55	4104.667	3802.650	4656.835

Sample Name: Mn 50ppm-2 Acquired: 4/24/2023 1:13:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021898	-.008535	-.003428	-.009388	-.004035	.0193730	.0021154
Stddev	.0007789	.004232	.000350	.002527	.002547	.0133179	.0006826
%RSD	35.56840	49.57983	10.20824	26.91273	63.13167	68.74482	32.26706

#1	.0021529	-.006792	-.003241	-.007258	-.004279	.0052048	.0014515
#2	.0029865	-.013360	-.003831	-.012180	-.001374	.0212789	.0028152
#3	.0014301	-.005453	-.003210	-.008727	-.006451	.0316353	.0020794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000338	-.000033	.0654872	.0064473	.0026329	-.002530	.0009073
Stddev	.000041	.000016	.0192496	.0004449	.0001214	.000384	.0200216
%RSD	12.08314	47.56915	29.39448	6.899869	4.612435	15.17496	2206.730

#1	-.000305	-.000025	.0432694	.0059357	.0025308	-.002894	.0177826
#2	-.000384	-.000051	.0771665	.0067427	.0026006	-.002568	.0061548
#3	-.000326	-.000023	.0760256	.0066636	.0027672	-.002129	-.021216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	59.02319	.0334004	.0027354	.0030296	-.041654	-.001232	.0065330
Stddev	2.41150	.0112401	.0001186	.0001729	.353342	.002229	.0001362
%RSD	4.085688	33.65267	4.336604	5.707721	848.2876	180.9618	2.085417

#1	57.32781	.0244039	.0027493	.0031593	.106459	.000910	.0064653
#2	61.78389	.0297969	.0028464	.0030961	-.444948	-.003539	.0066898
#3	57.95787	.0460004	.0026104	.0028333	.213528	-.001066	.0064437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0440065	-.021177	-.000619	-.001601	-.007039	.0233465	.0006547
Stddev	.1451217	.000750	.000665	.000168	.008153	.0075277	.0000600
%RSD	329.7735	3.543848	107.4329	10.47461	115.8369	32.24338	9.161883

#1	-.052670	-.021762	-.001314	-.001458	-.000790	.0146543	.0006192
#2	.210880	-.021438	.000011	-.001785	-.016262	.0276949	.0007240
#3	-.026190	-.020331	-.000553	-.001558	-.004065	.0276904	.0006210

Sample Name: Mn 50ppm-2 Acquired: 4/24/2023 1:13:29 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024334	.0050480	.0001013
Stddev	.0014724	.0027253	.0000582
%RSD	60.50903	53.98696	57.49051

#1	.0015410	.0070961	.0001683
#2	.0041330	.0060931	.0000633
#3	.0016264	.0019549	.0000722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4552.795	84425.20	4021.954	3855.122	4944.503
Stddev	13.186	184.72	154.134	14.012	8.479
%RSD	.2896326	.2187976	3.832319	.3634772	.1714763

#1	4537.572	84219.17	4138.023	3864.011	4935.225
#2	4560.131	84480.42	3847.072	3838.969	4946.434
#3	4560.681	84576.02	4080.767	3862.385	4951.849

Sample Name: Cr 50ppm-2 Acquired: 4/24/2023 1:17:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001737	-.000277	-.000319	.0000802	.0140716	.0182831	.0012461
Stddev	.002407	.000686	.000707	.0024460	.0133283	.0107471	.0004615
%RSD	138.5827	248.0288	221.4326	3049.313	94.71786	58.78127	37.03785

#1	-.003344	.000072	-.000998	.0020891	.0117496	.0154214	.0014855
#2	-.002898	-.001067	-.000372	-.002644	.0020569	.0092566	.0015386
#3	.001031	.000166	.000412	.000795	.0284083	.0301714	.0007140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000294	.0001430	-.004459	55.19717	-.002467	-.002792	-.001414
Stddev	.0000293	.0001046	.006085	.17771	.000125	.001080	.004524
%RSD	99.62713	73.10078	136.4469	.3219560	5.055546	38.67267	319.8788

#1	.0000299	.0001069	.002079	55.11378	-.002337	-.003732	-.005504
#2	-.000000	.0000614	-.005501	55.40124	-.002479	-.001613	.003445
#3	.000059	.0002609	-.009956	55.07650	-.002586	-.003030	-.002183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033982	.0121750	-.000980	.0004066	.0252446	.0083694	.0013437
Stddev	.0017295	.0086061	.000240	.0000959	.2630166	.0031208	.0004051
%RSD	50.89617	70.68656	24.44753	23.58796	1041.873	37.28805	30.14592

#1	.0053689	.0198283	-.000854	.0004259	.0310108	.0057460	.0009262
#2	.0026927	.0138377	-.001256	.0003025	.2853307	.0118206	.0017350
#3	.0021328	.0028589	-.000829	.0004914	-.240608	.0075415	.0013699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012917	-.004439	-.003892	.0026508	.0056874	.0172058	-.002527
Stddev	.1606999	.000678	.000338	.0001630	.0017099	.0112102	.000192
%RSD	158.6506	15.26221	8.678133	6.147296	30.06505	65.15357	7.610587

#1	-.081439	-.004076	-.003504	.0024769	.0075809	.0106473	-.002692
#2	.164699	-.005221	-.004122	.0026756	.0052251	.0301498	-.002573
#3	.220615	-.004020	-.004049	.0028000	.0042561	.0108202	-.002315

Sample Name: Cr 50ppm-2 Acquired: 4/24/2023 1:17:28 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000175	.0076395	.0003730
Stddev	.001365	.0032543	.0000635
%RSD	781.6792	42.59831	17.02026

#1	-.000475	.0047636	.0004319
#2	.001315	.0111721	.0003057
#3	-.001364	.0069830	.0003813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.087	84803.02	4123.318	3297.101	4936.600
Stddev	53.659	112.77	28.401	10.136	61.155
%RSD	1.413173	.1329740	.6887884	.3074243	1.238800

#1	3815.234	84698.13	4100.295	3287.520	4967.881
#2	3839.321	84788.64	4114.604	3296.071	4975.786
#3	3736.708	84922.29	4155.055	3307.713	4866.132

Sample Name: V 50ppm-2 Acquired: 4/24/2023 1:21:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032355	.0000830	-.004212	.0019766	-.016330	-.004449	.0006734
Stddev	.0009135	.0119622	.000901	.0005156	.000655	.020309	.0011585
%RSD	28.23207	14414.01	21.39435	26.08352	4.011436	456.5068	172.0329

#1	.0025871	.0127421	-.004563	.0024751	-.015908	-.024348	.0015889
#2	.0042802	-.011032	-.004884	.0020093	-.017085	-.005246	.0010602
#3	.0028392	-.001461	-.003188	.0014455	-.015998	.016247	-.000629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0012652	.0063502	.0112601	.0012191	-.007348	.0038505
Stddev	.000013	.0000723	.0126583	.0006341	.0001562	.002540	.0105985
%RSD	52.19870	5.712328	199.3359	5.630953	12.80843	34.56815	275.2531

#1	-.000031	.0011964	-.001603	.0118620	.0011743	-.008933	.0158280
#2	-.000036	.0013405	.020947	.0113203	.0013928	-.008692	.0000371
#3	-.000011	.0012585	-.000293	.0105981	.0010903	-.004418	-.004314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016795	.0577998	.0000713	-.002760	.2990629	57.60574	.0025625
Stddev	.0005158	.0231870	.0001337	.000244	.1651894	.32667	.0001632
%RSD	30.71132	40.11610	187.3907	8.826730	55.23567	.5670747	6.366693

#1	.0011065	.0453573	.0002143	-.002586	.1489490	57.56957	.0027445
#2	.0018252	.0845521	.0000503	-.003038	.2722039	57.94898	.0025137
#3	.0021067	.0434899	-.000051	-.002656	.4760360	57.29866	.0024294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914563	-.004791	-.009555	-.002554	-.002844	.0105570	-.000753
Stddev	.1000911	.002416	.000593	.000380	.002658	.0030264	.000276
%RSD	109.4415	50.44067	6.208634	14.87708	93.44563	28.66704	36.67605

#1	.0641567	-.006523	-.010217	-.002115	-.001994	.0139868	-.000836
#2	.0078472	-.002030	-.009376	-.002787	-.005823	.0094217	-.000978
#3	.2023649	-.005818	-.009072	-.002760	-.000715	.0082623	-.000445

Sample Name: V 50ppm-2 Acquired: 4/24/2023 1:21:36 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003196	.0076902	.0000860
Stddev	.002024	.0014643	.0000291
%RSD	63.33739	19.04077	33.86976

#1	-.005095	.0075866	.0001196
#2	-.001066	.0092036	.0000717
#3	-.003427	.0062805	.0000668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4556.087	87187.49	3960.920	3925.747	5004.661
Stddev	46.809	138.83	43.297	2.858	64.742
%RSD	1.027401	.1592329	1.093116	.0728074	1.293627

#1	4590.407	87073.03	3939.578	3925.050	5056.793
#2	4502.765	87341.92	3932.437	3928.889	4932.193
#3	4575.090	87147.53	4010.746	3923.301	5024.997

Sample Name: Co 50ppm-2 Acquired: 4/24/2023 1:25:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006888	.0038573	.0005490	-.004353	-.008089	-.013305	.0005875
Stddev	.0006978	.0050717	.0004638	.001793	.000606	.011074	.0007497
%RSD	101.3056	131.4826	84.46890	41.19683	7.496065	83.22659	127.6133

#1	.0000874	.0066179	.0010790	-.002347	-.008023	-.024847	-.000049
#2	.0014539	.0069499	.0003509	-.004913	-.008725	-.002768	.000397
#3	.0005252	-.001996	.0002172	-.005800	-.007518	-.012301	.001414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000629	-.000287	.0096818	.0042019	52.40796	-.000078	.0024452
Stddev	.0001216	.000338	.0086250	.0002513	.79268	.001503	.0050223
%RSD	193.1986	117.7581	89.08446	5.979637	1.512518	1933.972	205.3968

#1	-.000070	-.000051	.0128858	.0042197	51.86857	.001202	.0055466
#2	.000169	-.000136	.0162462	.0039422	52.03725	-.001732	-.003349
#3	.000089	-.000674	-.000087	.0044438	53.31808	.000297	.005138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014300	.0330014	-.001454	-.000039	-.207223	.0094876	-.000091
Stddev	.0002009	.0321926	.000809	.000202	.115980	.0030391	.000300
%RSD	14.04552	97.54907	55.64439	524.3748	55.96864	32.03207	330.2821

#1	.0012316	.0618287	-.001086	.000063	-.320892	.0083585	.000252
#2	.0014253	-.001737	-.000895	.000092	-.089062	.0071747	-.000220
#3	.0016332	.038913	-.002382	-.000271	-.211716	.0129296	-.000305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052067	.0061223	-.009167	.0004868	.0191271	.0079795	.0006045
Stddev	.0615298	.0003715	.002531	.0002289	.0003788	.0137286	.0001951
%RSD	29.98432	6.067324	27.60845	47.02530	1.980474	172.0492	32.26937

#1	.2002524	.0063916	-.008214	.0002390	.0194134	.0009815	.0008221
#2	.1463039	.0056985	-.007251	.0006903	.0192703	.0237970	.0004454
#3	.2690640	.0062767	-.012036	.0005312	.0186975	-.000840	.0005460

Sample Name: Co 50ppm-2 Acquired: 4/24/2023 1:25:35 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006516	.0072076	-.000130
Stddev	.002503	.0032719	.000046
%RSD	38.40893	45.39489	35.13401

#1	-.007393	.0035294	-.000078
#2	-.003693	.0082993	-.000163
#3	-.008462	.0097941	-.000149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4516.561	85172.73	3972.053	3839.741	5007.131
Stddev	15.554	244.47	25.390	11.122	14.200
%RSD	.3443706	.2870250	.6392070	.2896547	.2835935

#1	4514.306	85197.07	3984.987	3843.064	5002.800
#2	4502.258	84917.00	3942.801	3827.336	4995.601
#3	4533.119	85404.11	3988.372	3848.822	5022.992

Sample Name: Cu 50ppm-2 Acquired: 4/24/2023 1:29:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000644	.0001636	-.001531	-.001188	-.000390	-.018264	.0011656
Stddev	.000924	.0010424	.001182	.003315	.000948	.016992	.0006776
%RSD	143.4742	637.0190	77.20611	279.1347	243.3982	93.03248	58.13267

#1	-.000700	.0011515	-.001116	-.004897	-.001392	-.004939	.0016394
#2	-.001539	.0002653	-.000612	-.000154	.000493	-.012455	.0003895
#3	.000307	-.000926	-.002864	.001488	-.000269	-.037398	.0014679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	-.000034	-.010153	-.000306	.0038613	58.22932	-.000228
Stddev	.000058	.000025	.007547	.000214	.0001828	.13163	.004232
%RSD	58.33668	74.56094	74.33332	69.72455	4.733853	.2260520	1852.582

#1	-.000051	-.000033	-.002467	-.000130	.0040266	58.07793	.004634
#2	-.000084	-.000060	-.017552	-.000246	.0036650	58.31670	-.002246
#3	-.000164	-.000009	-.010439	-.000544	.0038922	58.29334	-.003074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005602	-.003041	-.000037	.0005799	.1005826	.0015939	.0032383
Stddev	.0004415	.026024	.000197	.0004216	.2817338	.0021855	.0036486
%RSD	78.80043	855.7737	537.2265	72.69198	280.1020	137.1184	112.6678

#1	.0007000	.026131	-.000195	.0009613	-.140611	-.000902	.0074246
#2	.0000658	-.011382	-.000099	.0006512	.410238	.003164	.0007349
#3	.0009149	-.023872	.000184	.0001273	.032120	.002520	.0015555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454918	.0356743	.0000062	-.000174	-.000106	.0078889	-.001400
Stddev	.0483453	.0026816	.0000950	.000080	.001300	.0059057	.000362
%RSD	33.22888	7.516926	1536.891	46.20129	1227.214	74.85995	25.89400

#1	.1245983	.0372353	.0000044	-.000205	-.000775	.0071136	-.001512
#2	.2007701	.0372096	-.000088	-.000234	-.000936	.0141440	-.000994
#3	.1111071	.0325778	.000102	-.000083	.001393	.0024093	-.001692

Sample Name: Cu 50ppm-2 Acquired: 4/24/2023 1:29:43 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0033379	.0091869	-.000017
Stddev	.0007189	.0019941	.000087
%RSD	21.53630	21.70568	514.5393

#1	.0038198	.0100704	.000050
#2	.0025116	.0105866	.000015
#3	.0036822	.0069037	-.000116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4447.344	83943.00	4116.181	3732.279	4893.497
Stddev	43.151	4713.92	23.270	210.453	55.298
%RSD	.9702606	5.615619	.5653197	5.638720	1.130027

#1	4453.199	78500.18	4124.260	3489.546	4904.184
#2	4487.269	86611.25	4089.949	3843.594	4942.672
#3	4401.565	86717.57	4134.334	3863.695	4833.636

Sample Name: Pb 50ppm-2 Acquired: 4/24/2023 1:33:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007516	-.000036	53.81558	-.001862	-.001275	-.018054	.0016707
Stddev	.0008291	.000162	.23723	.001776	.001590	.013203	.0002630
%RSD	110.3066	452.6699	.4408180	95.38072	124.6789	73.13493	15.74254

#1	.0016416	.000061	53.70012	-.003833	-.000282	-.008285	.0016198
#2	.0000011	.000055	53.65820	-.001362	-.000435	-.012801	.0019555
#3	.0006121	-.000223	54.08844	-.000389	-.003110	-.033075	.0014369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	-.000008	-.000249	.0000555	.0004153	.0033938	-.002323
Stddev	.000051	.000044	.017568	.0002719	.0000415	.0005890	.003147
%RSD	103.0251	580.1275	7062.239	490.0464	9.984209	17.35562	135.4625

#1	-.000051	.000035	-.014486	-.000218	.0003815	.0038249	.001077
#2	.000002	-.000053	.019384	.000058	.0004616	.0036339	-.002913
#3	-.000100	-.000005	-.005645	.000326	.0004028	.0027227	-.005134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005799	-.013166	-.000038	-.000039	.0562257	.0041115	.0007304
Stddev	.0002002	.016242	.000174	.000089	.2898190	.0022809	.0002542
%RSD	34.52184	123.3663	460.2845	229.1883	515.4562	55.47661	34.79928

#1	.0007417	-.031889	-.000235	.000013	-.278364	.0062553	.0004796
#2	.0003560	-.002865	.000095	-.000142	.229200	.0043646	.0007237
#3	.0006419	-.004743	.000027	.000012	.217841	.0017146	.0009878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864682	.0022937	.0001985	.0001680	.0013961	.0122075	.0003315
Stddev	.1171770	.0010107	.0006565	.0001347	.0038722	.0142871	.0001784
%RSD	135.5144	44.06428	330.6988	80.16420	277.3687	117.0360	53.81323

#1	.1659287	.0034469	.0002363	.0003198	.0012570	-.002522	.0001684
#2	-.048104	.0018723	.0008353	.0000629	.0053360	.013138	.0003040
#3	.141580	.0015619	-.000476	.0001213	-.002405	.026007	.0005220

Sample Name: Pb 50ppm-2 Acquired: 4/24/2023 1:33:43 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025231	.0067145	-.000001
Stddev	.0018279	.0032865	.000130
%RSD	72.44503	48.94636	17386.64

#1	.0034355	.0029545	.000063
#2	.0004187	.0081498	-.000150
#3	.0037152	.0090392	.000085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4543.903	87801.25	4179.622	3941.084	4979.212
Stddev	13.466	797.70	23.499	37.684	19.719
%RSD	.2963554	.9085249	.5622198	.9561819	.3960345

#1	4552.293	88681.94	4182.307	3982.984	4979.556
#2	4551.047	87127.21	4201.663	3909.967	4998.757
#3	4528.371	87594.62	4154.897	3930.301	4959.323

Sample Name: Ti 50ppm-2 Acquired: 4/24/2023 1:37:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028372	.0123385	.0026110	-.004061	-.004172	-.002751	.0000412
Stddev	.0013354	.0017082	.0009839	.000735	.001612	.012268	.0004125
%RSD	47.06830	13.84468	37.68448	18.10753	38.64931	445.9502	1000.772

#1	.0015850	.0108633	.0028558	-.004734	-.002861	.009056	-.000301
#2	.0042426	.0142101	.0034494	-.004174	-.003682	-.001876	.000499
#3	.0026840	.0119420	.0015278	-.003276	-.005972	-.015433	-.000075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	-.000017	.0387457	.0007940	.0022013	-.003952	-.002485
Stddev	.000012	.000036	.0159918	.0002114	.0020771	.002178	.004485
%RSD	181.1956	211.5495	41.27381	26.62419	94.35440	55.09917	180.5094

#1	.000004	-.000047	.0347128	.0009766	.0009890	-.002022	-.000390
#2	-.000019	-.000028	.0563679	.0008429	.0010154	-.003521	.000570
#3	-.000005	.000023	.0251563	.0005624	.0045997	-.006313	-.007634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012612	.0030307	.0005001	.0001845	-.187340	-.005030	-.010123
Stddev	.0005444	.0231400	.0002502	.0002432	.401401	.004321	.000292
%RSD	43.16353	763.5163	50.01735	131.7817	214.2634	85.90551	2.888005

#1	.0007581	.0236244	.0003228	-.000088	-.031391	-.009386	-.010461
#2	.0018391	-.022010	.0007863	.000378	.112684	-.000745	-.009966
#3	.0011865	.007478	.0003913	.000264	-.643312	-.004959	-.009943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1505219	.0027112	.0130417	.0024492	.0036539	-.027749	-.001072
Stddev	.1176553	.0015852	.0002866	.0001726	.0030915	.018490	.002947
%RSD	78.16492	58.46827	2.197242	7.048962	84.60782	66.63516	274.9718

#1	.1013508	.0009718	.0128827	.0025564	.0018762	-.043210	.001195
#2	.2847862	.0040745	.0133725	.0022501	.0072237	-.032770	-.000007
#3	.0654287	.0030872	.0128700	.0025412	.0018618	-.007266	-.004402

Sample Name: Ti 50ppm-2 Acquired: 4/24/2023 1:37:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	59.71147	.0054388	.0004860
Stddev	.12526	.0011682	.0000831
%RSD	.2097818	21.47811	17.09232

#1	59.63368	.0066925	.0005412
#2	59.64476	.0043809	.0003904
#3	59.85597	.0052431	.0005263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4515.668	85214.04	4119.823	3860.723	4916.791
Stddev	80.975	353.40	9.729	9.462	89.711
%RSD	1.793193	.4147238	.2361505	.2450855	1.824594

#1	4561.522	85582.08	4123.347	3859.491	4969.599
#2	4563.309	85182.69	4108.823	3851.937	4967.567
#3	4422.172	84877.36	4127.299	3870.740	4813.208

Sample Name: Ba 50ppm-2 Acquired: 4/24/2023 1:41:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001150	.0000837	.0017985	-.000228	-.001633	-.011448	57.23504
Stddev	.0007466	.0006974	.0005967	.003034	.001286	.002209	.54144
%RSD	649.0001	832.9185	33.18106	1332.506	78.75647	19.29952	.9459940

#1	-.000667	-.000543	.0014964	.002752	-.001884	-.012030	57.41021
#2	.000821	.000835	.0014131	-.000123	-.002774	-.013307	57.66722
#3	.000191	-.000040	.0024858	-.003313	-.000240	-.009005	56.62771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003637	.0000237	-.011752	.0001261	-.000656	-.000901	-.007880
Stddev	.0000355	.0000501	.007427	.0003669	.000160	.001211	.004370
%RSD	9.771855	211.5973	63.19894	291.0262	24.39448	134.5148	55.45376

#1	.0003952	.0000291	-.020136	-.000278	-.000821	-.001955	-.011194
#2	.0003707	.0000708	-.006000	.000218	-.000646	-.001170	-.009517
#3	.0003252	-.000029	-.009119	.000438	-.000502	.000423	-.002928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0217930	.0001556	-.000122	.2798032	.0019026	-.000236
Stddev	.000372	.0097732	.0002932	.000290	.1324059	.0028096	.000066
%RSD	19092.20	44.84549	188.3876	237.9796	47.32108	147.6690	27.83922

#1	.000097	.0134072	.0000596	.000168	.1273781	.0034030	-.000218
#2	-.000414	.0325261	-.000077	-.000411	.3457070	.0036435	-.000309
#3	.000311	.0194458	.000485	-.000123	.3663243	-.001339	-.000181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1623016	.0020030	.0007955	.0001792	.0012928	.0086124	.0003735
Stddev	.0952995	.0012335	.0005410	.0000464	.0018738	.0006971	.0003693
%RSD	58.71751	61.58357	68.00251	25.89677	144.9426	8.093699	98.87306

#1	.0852410	.0021652	.0006911	.0001880	.0011364	.0093199	-.000045
#2	.2688630	.0031475	.0003144	.0002206	-.000498	.0085911	.000655
#3	.1328008	.0006965	.0013811	.0001290	.003240	.0079263	.000510

Sample Name: Ba 50ppm-2 Acquired: 4/24/2023 1:41:40 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097451	.0037967	.0007838
Stddev	.0009633	.0037719	.0000755
%RSD	9.884548	99.34556	9.637105

#1	.0108497	.0073978	.0007464
#2	.0093060	-.000125	.0007342
#3	.0090796	.004118	.0008707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4469.365	86193.29	4060.029	3873.401	4853.737
Stddev	70.326	159.55	20.447	19.016	78.993
%RSD	1.573503	.1851067	.5036250	.4909252	1.627468

#1	4495.297	86249.56	4075.953	3878.468	4880.905
#2	4523.042	86013.23	4036.970	3852.366	4915.561
#3	4389.756	86317.07	4067.164	3889.370	4764.746

Sample Name: Be 10ppm-2 Acquired: 4/24/2023 1:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014538	.0006653	-.000343	-.001794	-.002778	-.007165	.0044399
Stddev	.0015973	.0009172	.000214	.001856	.000307	.014077	.0002367
%RSD	109.8726	137.8528	62.26953	103.4286	11.04621	196.4817	5.330310

#1	.0003007	.0006969	-.000137	.000296	-.002431	.008693	.0047008
#2	.0007837	.0015664	-.000330	-.003249	-.003014	-.012001	.0043801
#3	.0032769	-.000267	-.000564	-.002429	-.002890	-.018185	.0042389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84510	-.000006	-.001498	-.000182	-.000077	.0008765	.0010111
Stddev	.10044	.000026	.009716	.000149	.000010	.0042104	.0059519
%RSD	.9261600	465.6554	648.6167	81.61610	12.66976	480.3491	588.6620

#1	10.95980	-.000004	.009046	-.000320	-.000066	-.003801	.0074041
#2	10.77289	.000020	-.010089	-.000201	-.000085	.002067	-.004370
#3	10.80260	-.000033	-.003451	-.000025	-.000079	.004363	-.000001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003691	-.021129	-.000428	.0001711	-.437810	.0030242	-.000142
Stddev	.0007146	.057865	.000215	.0001164	.203486	.0009537	.000044
%RSD	193.6220	273.8688	50.23533	68.07029	46.47820	31.53766	30.57017

#1	.0009002	.028828	-.000253	.0003051	-.508028	.0024732	-.000105
#2	.0006504	-.084533	-.000364	.0001131	-.596889	.0041255	-.000132
#3	-.000443	-.007681	-.000668	.0000949	-.208514	.0024739	-.000190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012313	.0008937	-.000142	-.000196	-.001116	.0022360	.0002094
Stddev	.0355714	.0011703	.001323	.000277	.002527	.0045192	.0003164
%RSD	35.13877	130.9515	933.1776	140.9287	226.4161	202.1066	151.1073

#1	.1335015	.0017393	.001162	-.000514	.001167	-.000626	-.000139
#2	.1071030	-.000442	-.000104	-.000011	-.003831	-.000112	.000480
#3	.0630893	.001384	-.001483	-.000063	-.000683	.007446	.000287

Sample Name: Be 10ppm-2 Acquired: 4/24/2023 1:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016772	.0072103	-.000052
Stddev	.0013768	.0016375	.000042
%RSD	82.08432	22.71026	79.54082

#1	.0023234	.0083397	-.000006
#2	.0000963	.0053323	-.000087
#3	.0026121	.0079589	-.000065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4632.158	86135.19	3984.073	3895.117	5145.531
Stddev	4.796	245.68	9.778	18.296	9.908
%RSD	.1035390	.2852241	.2454258	.4697153	.1925575

#1	4626.782	85858.76	3979.529	3874.025	5136.028
#2	4633.696	86218.19	3977.393	3904.613	5144.766
#3	4635.997	86328.61	3995.296	3906.712	5155.800

Sample Name: Cd 10ppm-2 Acquired: 4/24/2023 1:49:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000830	.0002269	.0000253	.0002287	-.001364	-.016063	.0007883
Stddev	.000525	.0010707	.0007228	.0004447	.001307	.002009	.0004665
%RSD	63.16689	471.9004	2859.105	194.4339	95.81048	12.50529	59.17872

#1	-.000345	-.001007	.0005564	.0003673	-.002852	-.018106	.0008844
#2	-.001387	.000779	-.000798	.0005876	-.000402	-.015991	.0011992
#3	-.000759	.000909	.000317	-.000269	-.000838	-.014091	.0002812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008720	10.05051	-.003376	-.000563	.0019410	.0004293	-.003543
Stddev	.0000516	.14177	.006297	.000086	.0002005	.0036657	.004002
%RSD	5.914589	1.410618	186.5311	15.20282	10.32722	853.9010	112.9686

#1	.0009085	9.99090	-.003698	-.000578	.0017100	.0041899	-.007799
#2	.0008945	9.94827	.003076	-.000471	.0020449	-.003133	-.002974
#3	.0008130	10.21235	-.009506	-.000640	.0020682	.000231	.000145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008962	.0095034	.0006394	.0001801	-.001489	.0011066	-.000003
Stddev	.0000741	.0208655	.0002025	.0001626	.162127	.0020177	.000193
%RSD	8.268977	219.5581	31.66880	90.29312	10889.92	182.3360	7665.313

#1	.0009070	-.014468	.0008687	.0003639	.156979	-.000993	.000027
#2	.0008173	.019395	.0004854	.0001212	.005599	.001282	-.000208
#3	.0009643	.023584	.0005640	.0000551	-.167044	.003031	.000174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1468046	.0019388	-.000193	.0001958	.0001333	.0077605	.0004190
Stddev	.0331301	.0020148	.001005	.0001500	.0009330	.0027810	.0009213
%RSD	22.56746	103.9235	519.5656	76.60466	699.8488	35.83583	219.8960

#1	.1796865	.0027963	.000640	.0000391	.0008214	.0046028	-.000369
#2	.1134318	-.000363	-.001310	.0003380	-.000929	.0088337	.001432
#3	.1472954	.003383	.000090	.0002102	.000507	.0098450	.000194

Sample Name: Cd 10ppm-2 Acquired: 4/24/2023 1:49:56 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014461	.0076223	.0000351
Stddev	.0018032	.0018288	.0000530
%RSD	124.6981	23.99221	150.9147

#1	.0007191	.0097219	.0000133
#2	.0034993	.0063774	.0000956
#3	.0001199	.0067676	-.000004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4501.518	86997.43	4111.995	3904.920	4944.152
Stddev	48.486	372.54	25.715	14.713	62.796
%RSD	1.077109	.4282212	.6253604	.3767788	1.270115

#1	4516.418	86908.03	4090.964	3908.115	4961.988
#2	4540.806	86677.73	4104.358	3888.872	4996.102
#3	4447.330	87406.54	4140.663	3917.773	4874.367

Sample Name: TI 50ppm-2 Acquired: 4/24/2023 1:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033666	52.52560	.0009115	-.000257	-.002502	-.016230	.0001542
Stddev	.0030091	.25721	.0001486	.001471	.000849	.009340	.0011244
%RSD	89.38025	.4896762	16.30690	572.1736	33.92477	57.54650	729.0933

#1	.0067036	52.31556	.0007644	-.000962	-.002206	-.024136	-.001040
#2	.0025362	52.44877	.0010616	.001433	-.003459	-.005925	.001193
#3	.0008599	52.81246	.0009084	-.001243	-.001841	-.018628	.000309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002251	.0071160	-.003615	.0000019	.0011485	-.000816	-.005448
Stddev	.0000856	.0000506	.005552	.0002883	.0001058	.001021	.003458
%RSD	38.03066	.7108668	153.5817	15154.30	9.211572	125.1868	63.46511

#1	.0002889	.0071305	.001830	.0003349	.0012244	-.001371	-.008654
#2	.0002587	.0070597	-.009267	-.000164	.0010276	-.001439	-.005906
#3	.0001278	.0071576	-.003407	-.000165	.0011933	.000363	-.001784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011908	.0049107	.0144662	.0000495	.1501277	.0034325	-.000025
Stddev	.0002658	.0039477	.0002835	.0002642	.5631187	.0019227	.000202
%RSD	22.32226	80.38911	1.959770	533.6129	375.0932	56.01604	824.2908

#1	.0009138	.0046324	.0146708	-.000165	.4077148	.0039129	.000104
#2	.0012147	.0011096	.0145853	.000344	-.495715	.0050695	-.000258
#3	.0014438	.0089902	.0141426	-.000030	.538383	.0013151	.000080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345317	.0025528	.0004690	.0004305	.0000217	-.001348	.0006255
Stddev	.0244591	.0015423	.0007045	.0002523	.0017287	.006441	.0001903
%RSD	18.18096	60.41728	150.2290	58.59905	7956.685	477.8948	30.42122

#1	.1503960	.0036932	-.000065	.0006755	-.001256	-.005182	.0007946
#2	.1063636	.0007979	.001267	.0001715	-.000668	.006088	.0006624
#3	.1468355	.0031673	.000205	.0004446	.001989	-.004949	.0004194

Sample Name: TI 50ppm-2 Acquired: 4/24/2023 1:53:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004551	.0090056	.0000673
Stddev	.0002233	.0002249	.0001181
%RSD	49.06363	2.496933	175.4269

#1	.0006412	.0090143	-.000036
#2	.0005168	.0087766	.000042
#3	.0002075	.0092260	.000196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4560.505	85834.84	3993.827	3920.186	4962.116
Stddev	20.519	604.53	11.081	3.830	15.673
%RSD	.4499179	.7042949	.2774463	.0977022	.3158432

#1	4568.818	85382.20	4002.571	3924.576	4969.064
#2	4575.563	85600.95	3997.546	3917.524	4973.113
#3	4537.134	86521.37	3981.366	3918.460	4944.170

Sample Name: Zn 50ppm-2 Acquired: 4/24/2023 1:57:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004737	.0037811	-.001362	-.000539	-.000997	-.000363	.0012728
Stddev	.000126	.0006625	.000337	.002338	.000267	.018936	.0002095
%RSD	2.653343	17.52268	24.71434	433.4731	26.78279	5222.219	16.46119

#1	-.004778	.0034000	-.001293	-.003014	-.001302	-.011306	.0011805
#2	-.004836	.0045461	-.001065	.001631	-.000806	.021503	.0011253
#3	-.004595	.0033971	-.001728	-.000235	-.000882	-.011285	.0015126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000120	.0249948	.0024361	.0002748	.0056276	.0024315
Stddev	.000028	.000058	.0184743	.0001097	.0001446	.0027319	.0022636
%RSD	157.4463	48.02447	73.91284	4.503227	52.61727	48.54512	93.09459

#1	-.000049	-.000159	.0170196	.0024098	.0001763	.0025210	-.000047
#2	-.000008	-.000148	.0461170	.0023419	.0002073	.0076554	.002951
#3	.000004	-.000054	.0118476	.0025565	.0004408	.0067065	.004390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068878	.0244621	.0017920	.0000193	.3712192	.0054897	36.05095
Stddev	.0002827	.0236436	.0001377	.0001665	.1419251	.0021065	.12265
%RSD	4.103703	96.65401	7.683514	860.4882	38.23217	38.37230	.3402114

#1	.0067723	.0466414	.0019262	.0002093	.2903688	.0041839	36.18625
#2	.0066812	-.000415	.0016511	-.000050	.2881933	.0079199	35.94706
#3	.0072099	.027160	.0017987	-.000101	.5350954	.0043653	36.01953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079192	.0019278	.0002171	-.004820	.0048743	.0169229	.0009697
Stddev	.0898587	.0007136	.0009219	.000154	.0002928	.0036515	.0002850
%RSD	83.26481	37.01751	424.5857	3.204475	6.007698	21.57693	29.38688

#1	.0415231	.0024526	-.000216	-.004874	.0046798	.0176133	.0012122
#2	.2101697	.0022156	.001276	-.004939	.0047320	.0201799	.0010412
#3	.0720646	.0011152	-.000408	-.004645	.0052111	.0129756	.0006559

Sample Name: Zn 50ppm-2 Acquired: 4/24/2023 1:57:52 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007445	.0146148	.0003608
Stddev	.0012932	.0020803	.0000066
%RSD	173.7081	14.23422	1.831676

#1	-.000747	.0123645	.0003654
#2	.001547	.0164679	.0003532
#3	.001434	.0150120	.0003638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4526.068	85666.40	3949.470	3913.266	4985.408
Stddev	26.561	54.15	9.386	8.873	22.673
%RSD	.5868442	.0632099	.2376492	.2267429	.4547872

#1	4549.090	85688.71	3957.938	3914.365	5006.951
#2	4497.008	85705.82	3939.378	3921.538	4961.753
#3	4532.105	85604.66	3951.093	3903.894	4987.519

Sample Name: Na 500ppm-2 Acquired: 4/24/2023 2:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	.0014438	-.000162	.0005178	-.002146	.0747794	.0004163
Stddev	.002000	.0009583	.000527	.0002066	.000703	.0099374	.0009993
%RSD	2283.769	66.37517	324.6493	39.89268	32.76497	13.28895	240.0563

#1	.001305	.0023637	.000112	.0003053	-.002947	.0660554	.0000132
#2	.000812	.0004511	.000171	.0005302	-.001629	.0726862	.0015542
#3	-.002380	.0015167	-.000770	.0007179	-.001863	.0855967	-.000319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0000487	.0527125	.0003676	-.000013	.0004828	.0251640
Stddev	.000031	.0000200	.0045770	.0002441	.000233	.0031172	.0023742
%RSD	160.0086	41.09119	8.682931	66.39444	1859.245	645.6017	9.434840

#1	.000016	.0000520	.0559231	.0000969	-.000099	-.000481	.0275887
#2	-.000034	.0000272	.0547430	.0005709	.000251	-.002039	.0250593
#3	-.000041	.0000668	.0474716	.0004351	-.000190	.003968	.0228438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008342	.0879879	.0000644	-.000013	502.8781	.0004510	.0068392
Stddev	.0002140	.0452292	.0000233	.000190	.4010	.0022450	.0007793
%RSD	25.65462	51.40382	36.27743	1489.566	.0797363	497.7364	11.39444

#1	.0008396	.1357297	.0000392	.000078	502.9611	-.001574	.0076940
#2	.0006175	.0824534	.0000687	.000115	502.4422	.002865	.0061683
#3	.0010454	.0457807	.0000853	-.000231	503.2311	.000062	.0066553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1154284	.0047953	-.000038	.0000128	.0054596	.0082769	.0004358
Stddev	.0721830	.0018552	.000132	.0001411	.0036538	.0038575	.0004889
%RSD	62.53487	38.68867	344.1426	1101.060	66.92470	46.60578	112.1852

#1	.1063203	.0067201	-.000189	.0001726	.0023348	.0127193	.0008502
#2	.0482317	.0030185	.000053	-.000040	.0094770	.0063374	-.000103
#3	.1917332	.0046472	.000021	-.000095	.0045669	.0057740	.000561

Sample Name: Na 500ppm-2 Acquired: 4/24/2023 2:02:06 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006714	.0060234	-.000059
Stddev	.0021941	.0017357	.000097
%RSD	326.7917	28.81536	163.8379

#1	-.001413	.0040750	-.000046
#2	.002960	.0065908	.000030
#3	.000467	.0074043	-.000162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.660	78123.22	4026.523	3670.583	4355.417
Stddev	40.670	2337.49	36.070	86.734	44.118
%RSD	.9320105	2.992052	.8958032	2.362961	1.012952

#1	4330.082	75425.84	4044.580	3570.520	4316.043
#2	4352.016	79388.57	3984.991	3716.957	4347.108
#3	4408.882	79555.26	4049.998	3724.273	4403.098

Sample Name: Ni 50ppm-2 Acquired: 4/24/2023 2:06:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005205	-.000426	-.024384	-.006343	-.002812	-.003384	-.001509
Stddev	.0004394	.000539	.000643	.000496	.000357	.0009060	.000426
%RSD	84.41903	126.3478	2.635448	7.818667	12.68620	267.7606	28.21177

#1	.0001961	-.000395	-.025111	-.006903	-.002882	-.010395	-.001054
#2	.0010205	-.000980	-.023889	-.005958	-.002425	-.006603	-.001898
#3	.0003449	.000096	-.024154	-.006169	-.003128	.006847	-.001576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000547	-.000105	.0160458	.0000673	.0096958	.0000295	.0062931
Stddev	.000040	.000031	.0109180	.0001955	.0000963	.0008801	.0043537
%RSD	7.389942	29.33688	68.04250	290.3307	.9935058	2985.093	69.18254

#1	-.000574	-.000140	.0262480	.0002152	.0095846	-.000014	.0020024
#2	-.000501	-.000083	.0045308	.0001410	.0097528	.000931	.0061697
#3	-.000566	-.000092	.0173585	-.000154	.0097500	-.000828	.0107071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000298	-.005732	52.02611	-.000062	.3068708	.0065424	-.003267
Stddev	.000052	.028375	.57450	.000125	.3075291	.0043048	.004931
%RSD	17.52678	495.0512	1.104260	200.5515	100.2145	65.79815	150.9414

#1	-.000346	-.036463	51.92775	.000062	-.047025	.0110465	-.000521
#2	-.000242	-.000208	52.64344	-.000189	.458470	.0024694	-.008960
#3	-.000305	.019476	51.50714	-.000061	.509168	.0061114	-.000320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065440	.0644382	.0000976	.0006032	-.005717	.0134588	-.000475
Stddev	.039422	.0005185	.0004203	.0001285	.002054	.0048893	.000480
%RSD	60.24215	.8046594	430.6541	21.30684	35.93151	36.32765	101.1002

#1	-.106197	.0644125	.0003109	.0006425	-.007304	.0086341	-.000226
#2	-.062618	.0649692	.0003685	.0004597	-.003397	.0184102	-.000170
#3	-.027504	.0639331	-.000387	.0007076	-.006451	.0133322	-.001028

Sample Name: Ni 50ppm-2 Acquired: 4/24/2023 2:06:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.024238	.0094644	-.000016
Stddev	.000632	.0051289	.000042
%RSD	2.605818	54.19146	261.7448

#1	-.023705	.0041191	.000007
#2	-.024936	.0099287	.000009
#3	-.024075	.0143453	-.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4774.518	91214.53	4642.986	4124.934	5221.189
Stddev	42.540	668.70	23.310	36.941	56.678
%RSD	.8909902	.7331016	.5020581	.8955625	1.085539

#1	4773.853	90481.10	4639.139	4085.446	5221.763
#2	4732.314	91372.16	4621.837	4130.708	5164.226
#3	4817.387	91790.33	4667.980	4158.649	5277.578

Sample Name: Se 25ppm-2 Acquired: 4/24/2023 2:10:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007411	-.001374	-.001403	25.62672	-.002340	-.020663	-.000860
Stddev	.0012117	.000358	.000195	.16643	.001911	.009849	.000331
%RSD	163.4909	26.06178	13.87214	.6494444	81.65494	47.66625	38.45057

#1	.0019706	-.000961	-.001178	25.81292	-.001169	-.022855	-.000523
#2	.0007045	-.001595	-.001508	25.57479	-.004545	-.009902	-.000872
#3	-.000452	-.001568	-.001522	25.49244	-.001306	-.029231	-.001183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0000022	-.004004	.0008929	.0000491	.0008047	.0045194
Stddev	.000083	.0000521	.005536	.0000533	.0001939	.0010246	.0045292
%RSD	118.3278	2331.807	138.2599	5.965101	395.1251	127.3227	100.2187

#1	-.000013	.0000133	.001370	.0008331	.0002726	.0019375	-.000675
#2	-.000166	.0000479	-.003693	.0009101	-.000051	-.000057	.007647
#3	-.000033	-.000054	-.009690	.0009354	-.000074	.000534	.006586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003896	.0212602	.0037247	.0000542	.3007973	.0040122	.0001093
Stddev	.0003338	.0222141	.0002837	.0001170	.5329190	.0032709	.0000859
%RSD	85.67920	104.4868	7.616280	216.0193	177.1689	81.52276	78.55348

#1	.0000056	-.002731	.0040272	.0001856	-.279074	.0036652	.0002085
#2	.0006104	.025396	.0036821	-.000038	.769099	.0009287	.0000623
#3	.0005529	.041116	.0034647	.000015	.412367	.0074428	.0000573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022412	.0021687	-.000730	.0003937	-.002876	.0030326	.0002127
Stddev	.031426	.0008245	.000500	.0002312	.002189	.0049790	.0002438
%RSD	140.2186	38.01726	68.56363	58.73812	76.10726	164.1809	114.6623

#1	-.053219	.0012491	-.000726	.0006083	-.000359	.0087161	.0003052
#2	-.023616	.0024152	-.001232	.0004238	-.004334	-.000560	.0003967
#3	.009598	.0028418	-.000231	.0001488	-.003936	.000942	-.000064

Sample Name: Se 25ppm-2 Acquired: 4/24/2023 2:10:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006848	.0085428	-.000014
Stddev	.0003483	.0046373	.000093
%RSD	50.86284	54.28303	647.4764

#1	.0003547	.0059770	.000089
#2	.0006508	.0057555	-.000042
#3	.0010488	.0138959	-.000090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4692.190	88183.90	4558.041	3992.437	5192.791
Stddev	28.487	795.83	7.512	25.413	32.886
%RSD	.6071197	.9024652	.1647975	.6365346	.6333005

#1	4664.912	88996.41	4553.420	4020.983	5159.337
#2	4689.910	88149.43	4553.995	3984.054	5193.957
#3	4721.749	87405.87	4566.708	3972.275	5225.078

Sample Name: Mo 50ppm-2 Acquired: 4/24/2023 2:14:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009705	.0133254	.0002849	.0061829	-.001383	-.079281	-.001247
Stddev	.000656	.0006120	.0012304	.0031403	.000270	.009429	.000766
%RSD	6.758921	4.593008	431.8498	50.79086	19.53956	11.89345	61.38507

#1	-.010163	.0139736	.0016802	.0097695	-.001081	-.087920	-.001245
#2	-.008954	.0127575	-.000645	.0039269	-.001467	-.080700	-.000483
#3	-.009999	.0132451	-.000181	.0048523	-.001601	-.069222	-.002014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000466	-.000570	-.028978	-.003682	-.000974	.0143952	-.002601
Stddev	.000199	.000072	.003902	.000114	.000106	.0024074	.005695
%RSD	42.82929	12.55672	13.46723	3.107391	10.88699	16.72390	218.9470

#1	-.000694	-.000632	-.024890	-.003800	-.000866	.0117276	.003607
#2	-.000375	-.000492	-.029379	-.003676	-.001078	.0164063	-.007584
#3	-.000328	-.000587	-.032664	-.003571	-.000977	.0150517	-.003827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001537	-.017437	-.003464	.0006685	.1135193	-.000637	-.004196
Stddev	.000118	.014120	.000153	.0000594	.3315060	.003427	.000071
%RSD	7.662972	80.97379	4.409394	8.886320	292.0262	537.9757	1.695479

#1	-.001672	-.008378	-.003364	.0006195	-.253865	-.004005	-.004189
#2	-.001484	-.033706	-.003639	.0007345	.204110	-.000753	-.004270
#3	-.001455	-.010227	-.003387	.0006514	.390313	.002847	-.004129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137134	.0079626	.0172089	53.25617	-.003112	-.029768	.0008489
Stddev	.104257	.0003874	.0011121	.33445	.004223	.001164	.0007939
%RSD	76.02552	4.865561	6.462660	.6280090	135.6916	3.911058	93.51945

#1	-.016774	.0075346	.0160150	53.56099	-.003890	-.028424	.0007140
#2	-.195152	.0080642	.0182155	53.30913	.001446	-.030419	.0017017
#3	-.199475	.0082892	.0173962	52.89840	-.006893	-.030461	.0001311

Sample Name: Mo 50ppm-2 Acquired: 4/24/2023 2:14:06 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: IEC STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008622	.0080976	.0000819
Stddev	.0013553	.0016256	.0000379
%RSD	157.1943	20.07508	46.23456

#1	.0024201	.0099692	.0001184
#2	.0002113	.0072857	.0000427
#3	-.000045	.0070379	.0000847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4547.356	90669.46	4481.719	3951.829	4876.174
Stddev	18.800	145.05	51.960	16.841	20.118
%RSD	.4134328	.1599791	1.159366	.4261654	.4125772

#1	4532.934	90827.15	4422.638	3965.170	4859.910
#2	4540.516	90541.71	4502.213	3957.412	4869.941
#3	4568.619	90639.53	4520.307	3932.905	4898.671

Sample Name: CCV012 Acquired: 4/24/2023 2:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.905071	4.834534	24.29960	4.948124	4.962360	415.9552	10.37038
Stddev	.010516	.013813	.04392	.012338	.013810	4.7125	.12652
%RSD	.2143804	.2857201	.1807240	.2493393	.2783000	1.132926	1.219982

#1	4.915768	4.850065	24.34590	4.959754	4.977846	418.7316	10.46370
#2	4.894747	4.829915	24.25854	4.935183	4.951323	418.6199	10.42106
#3	4.904700	4.823623	24.29437	4.949434	4.957909	410.5141	10.22638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4811870	2.434045	387.5474	15.25230	2.462271	15.24662	400.4524
Stddev	.0038239	.003002	4.8407	.02861	.003939	.18568	4.3680
%RSD	.7946870	.1233379	1.249057	.1876022	.1599551	1.217829	1.090760

#1	.4840752	2.437481	392.0342	15.27311	2.466139	15.37623	403.0600
#2	.4826353	2.431932	388.1908	15.21967	2.458266	15.32972	402.8875
#3	.4768505	2.432721	382.4172	15.26413	2.462410	15.03390	395.4097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82389	374.2457	2.445635	1.327343	391.3033	2.495465	15.27805
Stddev	.16829	4.5692	.001796	.003710	4.3301	.026973	.03793
%RSD	1.135273	1.220922	.0734173	.2795234	1.106580	1.080889	.2482616

#1	14.95270	377.1808	2.446239	1.331235	393.4674	2.505227	15.27828
#2	14.88548	376.5752	2.443616	1.326949	394.1248	2.516198	15.31586
#3	14.63348	368.9812	2.447051	1.323846	386.3178	2.464970	15.24000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.4027	4.778981	4.732653	4.824024	5.052245	4.972237	4.872616
Stddev	1.6669	.018136	.053368	.010634	.008776	.046614	.004934
%RSD	1.072661	.3795030	1.127652	.2204348	.1737127	.9374779	.1012624

#1	156.2080	4.788814	4.763637	4.836273	5.042118	5.024752	4.875779
#2	156.5141	4.758052	4.763291	4.817160	5.056990	4.956201	4.866930
#3	153.4860	4.790077	4.671029	4.818638	5.057628	4.935759	4.875138

Sample Name: CCV012 Acquired: 4/24/2023 2:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.049336	5.197583	4.872228
Stddev	.067503	.068613	.074745
%RSD	1.336878	1.320104	1.534106

#1	5.075555	5.236722	4.869357
#2	5.099797	5.237671	4.948367
#3	4.972657	5.118357	4.798960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3972.208	75996.47	4135.132	3393.834	3835.799
Stddev	4.661	226.98	44.511	11.773	3.416
%RSD	.1173329	.2986710	1.076410	.3468849	.0890675

#1	3967.261	75735.24	4102.228	3386.561	3832.260
#2	3972.848	76145.48	4117.390	3387.525	3836.059
#3	3976.516	76108.69	4185.778	3407.417	3839.078

Sample Name: CCB012 Acquired: 4/24/2023 2:21:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
User: Bin Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	.0010979	.0002108	.0000110	-.002616	.0038380	-.001264
Stddev	.002024	.0002622	.0005491	.0005351	.001010	.0302236	.000201
%RSD	2413.098	23.88506	260.5438	4844.236	38.61681	787.4942	15.90470

#1	-.001463	.0010889	.0007951	-.000242	-.002414	.0249836	-.001054
#2	-.001028	.0008403	-.000295	-.000350	-.003712	-.030779	-.001454
#3	.002239	.0013645	.000132	.000626	-.001722	.017309	-.001286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.000002	-.000160	.0006650	.0001334	.0012455	.0245863
Stddev	.000061	.000039	.007223	.0003549	.0000750	.0013259	.0070585
%RSD	62.61926	2300.892	4506.585	53.37258	56.18762	106.4577	28.70918

#1	-.000069	-.000038	.004908	.0004118	.0001369	.0014519	.0322877
#2	-.000055	.000039	-.008430	.0005125	.0000567	.0024561	.0184249
#3	-.000166	-.000007	.003041	.0010707	.0002065	-.000172	.0230465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006806	.0196294	.0001167	.0000420	.3646271	.0040910	.0003848
Stddev	.0002437	.0284506	.0001277	.0001803	.2933051	.0048700	.0001247
%RSD	35.81243	144.9385	109.3435	429.4261	80.43973	119.0415	32.39384

#1	.0009290	.0073764	.0002632	.0000287	.6514671	.0006510	.0004047
#2	.0004419	.0521536	.0000578	.0002286	.0652585	.0019586	.0004984
#3	.0006708	-.000642	.0000292	-.000131	.3771557	.0096636	.0002514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009831	.0018432	.0050656	.0044233	-.001876	.0125330	.0004483
Stddev	.090729	.0011833	.0004703	.0010644	.000574	.0010080	.0004484
%RSD	922.8685	64.19589	9.284155	24.06361	30.58551	8.042542	100.0060

#1	-.098232	.0022451	.0047262	.0053916	-.001688	.0116348	.0005051
#2	.083060	.0027732	.0056024	.0045945	-.001420	.0136231	.0008657
#3	-.014321	.0005114	.0048682	.0032836	-.002521	.0123412	-.000026

Sample Name: CCB012 Acquired: 4/24/2023 2:21:52 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v292)(v22) Mode: CONC Corr. Factor: 1.000
 User: Bin Custom ID1: CCB012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002216	.0125475	.0001286
Stddev	.000483	.0055154	.0001179
%RSD	21.80450	43.95602	91.64409

#1	-.001723	.0164373	.0002615
#2	-.002689	.0149698	.0000876
#3	-.002237	.0062355	.0000367

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4728.988	87226.24	4615.252	3993.558	5310.005
Stddev	8.882	441.79	10.171	37.795	4.880
%RSD	.1878142	.5064896	.2203741	.9464035	.0918951

#1	4736.534	87458.37	4616.219	4032.271	5308.313
#2	4731.230	86716.77	4624.904	3956.753	5315.505
#3	4719.200	87503.58	4604.632	3991.650	5306.196