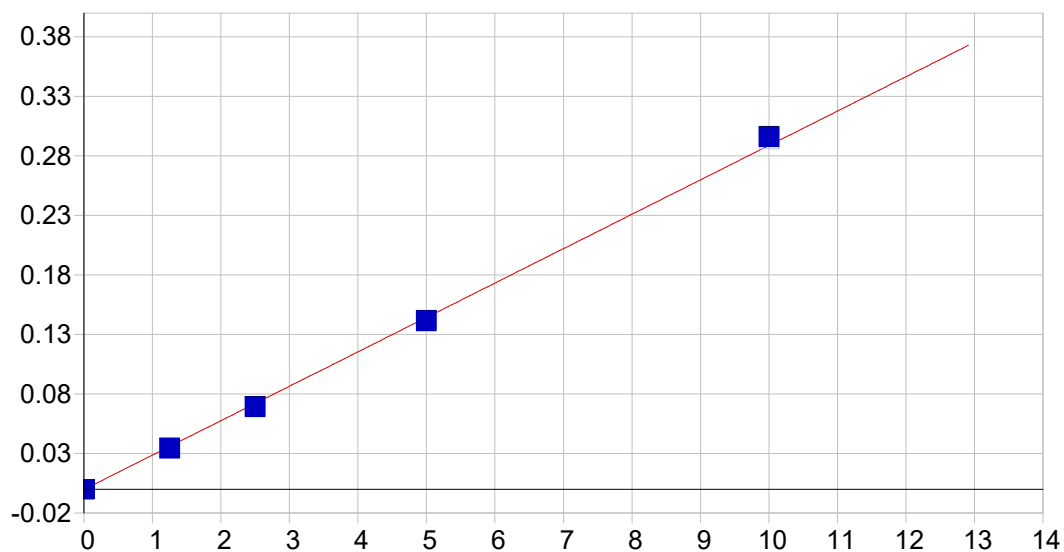


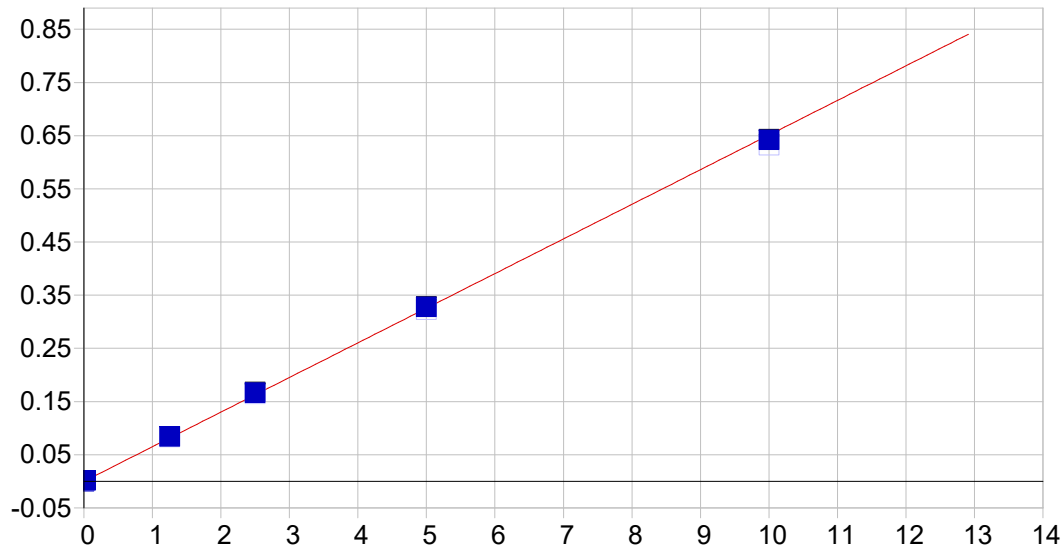


As 189.042 {479}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.028904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999616 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.007185
 Predicted MQL: 0.023949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00023	.000	1
S1	.01000	.01101	.001	10.1	.00009	.000	1
S2	1.2500	1.1961	-.054	-4.31	.03412	.000	1
S3	2.5000	2.4014	-.099	-3.95	.06874	.000	1
S4	5.0000	4.9046	-.095	-1.91	.14065	.000	1
S5	10.000	10.247	.247	2.47	.29417	.001	1

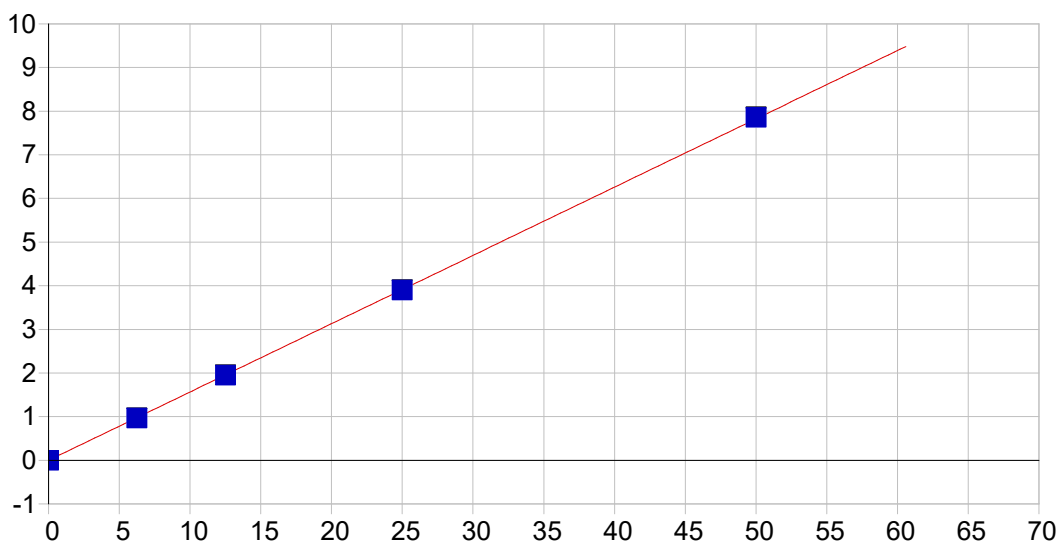


TI 190.856 {477}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.065124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.003180
 Predicted MQL: 0.010599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02500	.02829	.003	13.2	.00171	.000	1
S2	1.2500	1.2936	.044	3.49	.08291	.000	1
S3	2.5000	2.5614	.061	2.46	.16422	.001	1
S4	5.0000	5.0345	.034	.689	.32275	.001	1
S5	10.000	9.8573	-.143	-1.43	.63180	.001	1

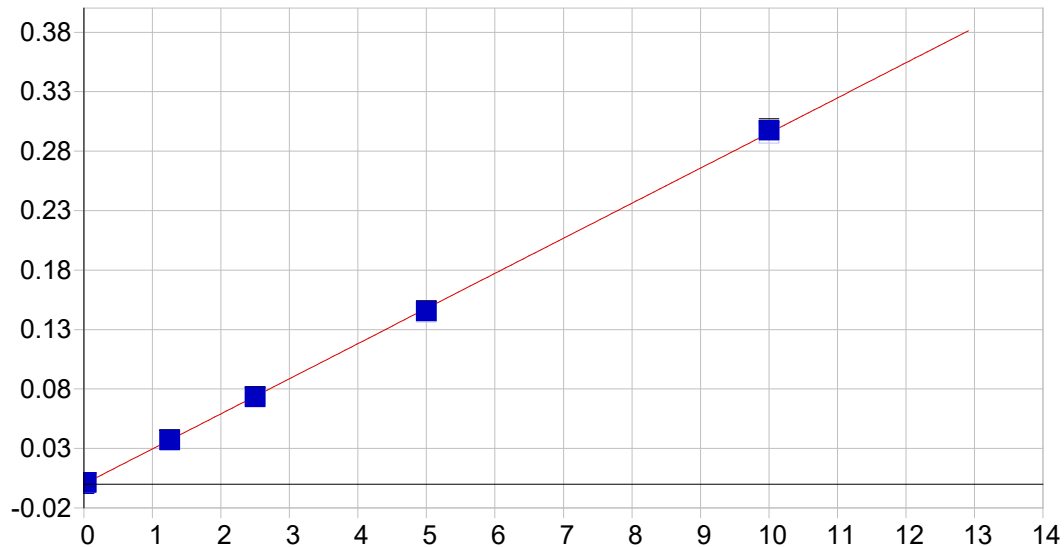


Pb 220.353 {453}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000240	Re-Slope:	1.000000
A1 (Gain):	0.156495	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000030		
Predicted MDL:	0.002640		
Predicted MQL:	0.008799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.00987	-.000	-1.26	.00130	.000	1
S2	6.2500	6.1709	-.079	-1.27	.96479	.002	1
S3	12.500	12.441	-.059	-.475	1.9453	.008	1
S4	25.000	24.927	-.073	-.293	3.8979	.002	1
S5	50.000	50.212	.212	.424	7.8522	.011	1

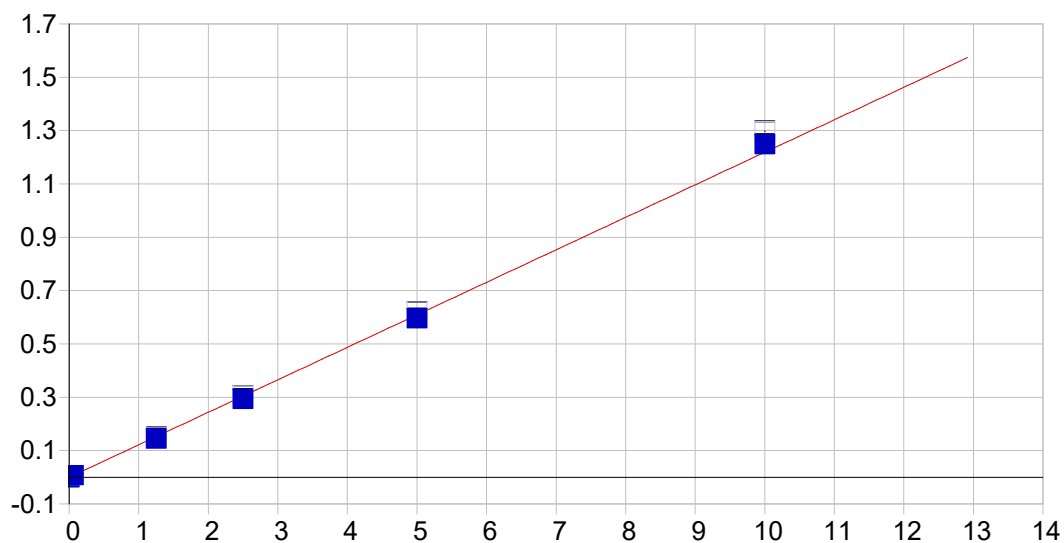


Se 196.090 {472}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.029520 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.007543
 Predicted MQL: 0.025143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00009	.000	1
S1	.03500	.04248	.007	21.4	.00135	.000	1
S2	1.2500	1.2551	.005	.408	.03682	.000	1
S3	2.5000	2.4820	-.018	-.719	.07272	.000	1
S4	5.0000	4.9290	-.071	-1.42	.14431	.000	1
S5	10.000	10.076	.076	.763	.29498	.001	1

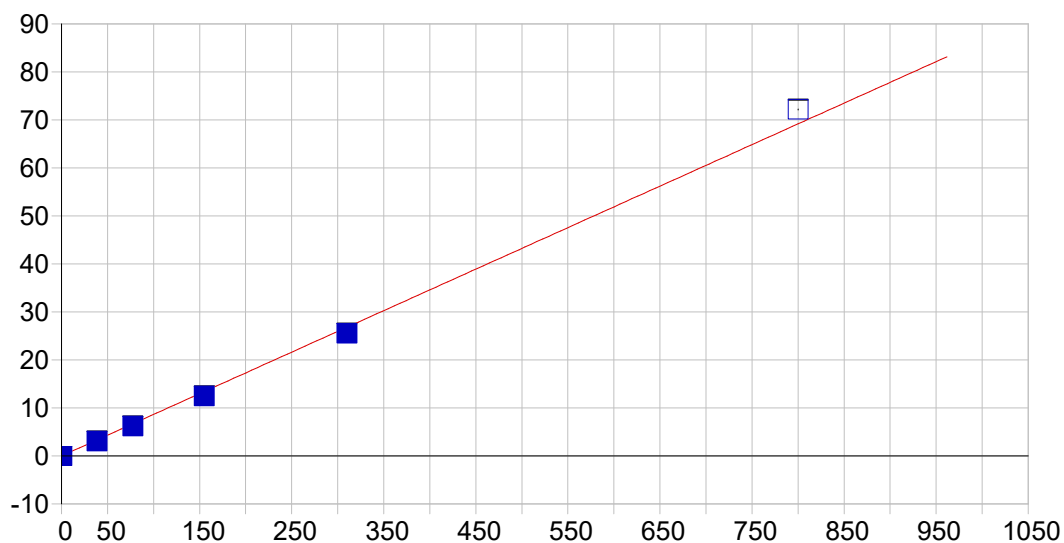


Sb 206.833 {463}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000128 Re-Slope: 1.000000
 A1 (Gain): 0.121856 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.000140
 Predicted MDL: 0.002621
 Predicted MQL: 0.008737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.06000	.06385	.004	6.41	.00766	.000	1
S2	1.2500	1.1926	-.057	-4.59	.15121	.001	1
S3	2.5000	2.4116	-.088	-3.54	.30575	.001	1
S4	5.0000	4.8915	-.109	-2.17	.61995	.001	1
S5	10.000	10.251	.251	2.51	1.2970	.002	1

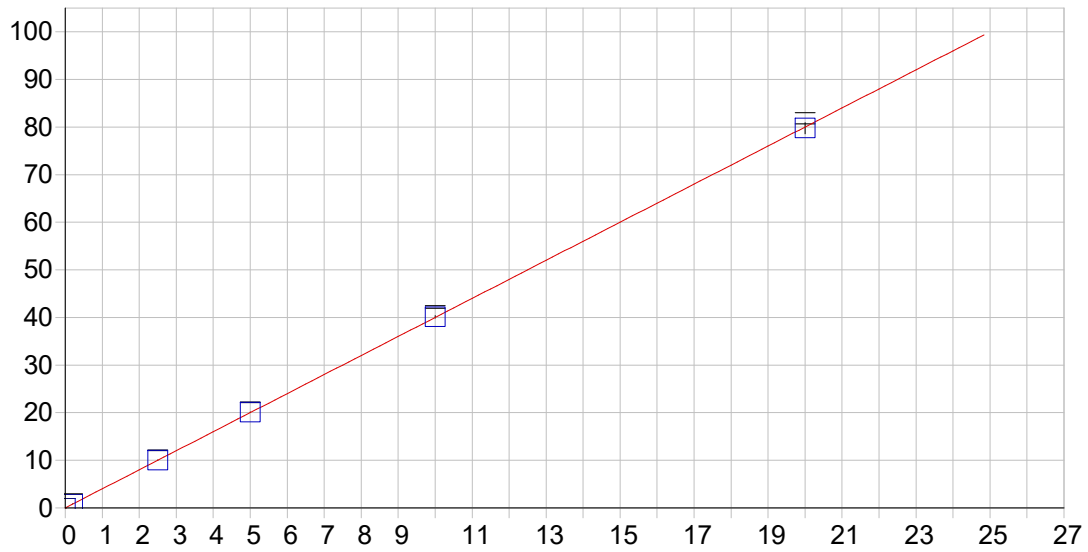


AI 396.152 { 85}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001357 Re-Slope: 1.000000
A1 (Gain): 0.086468 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998686 Status: OK.
Std Error of Est: 0.002760
Predicted MDL: 0.009779
Predicted MQL: 0.032596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00135	.001	1
S1	.20000	.19294	-.007	-3.53	.01536	.001	1
S2	38.750	35.624	-3.13	-8.07	3.0827	.009	1
S3	77.500	71.716	-5.78	-7.46	6.2071	.025	1
S4	155.00	144.35	-10.6	-6.87	12.495	.018	1
S5	310.00	294.98	-15.0	-4.85	25.534	.048	1
S6	800.00	834.62	34.6	4.33	72.167	.087	1

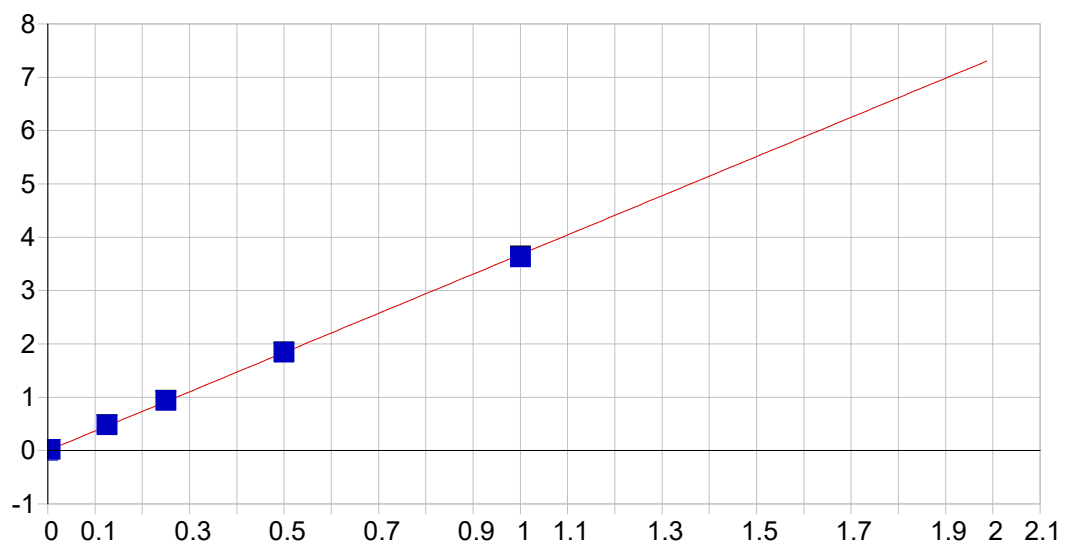


Ba 493.409 { 68}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005132	Re-Slope:	1.000000
A1 (Gain):	4.000563	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.001855		
Predicted MDL:	0.000446		
Predicted MQL:	0.001488		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00509	.001	1
S1	.20000	.20820	.008	4.10	.83806	.007	1
S2	2.5000	2.5046	.005	.183	10.025	.054	1
S3	5.0000	5.0233	.023	.466	20.101	.048	1
S4	10.000	10.026	.026	.263	40.116	.262	1
S5	20.000	19.938	-.062	-.312	79.767	1.19	1

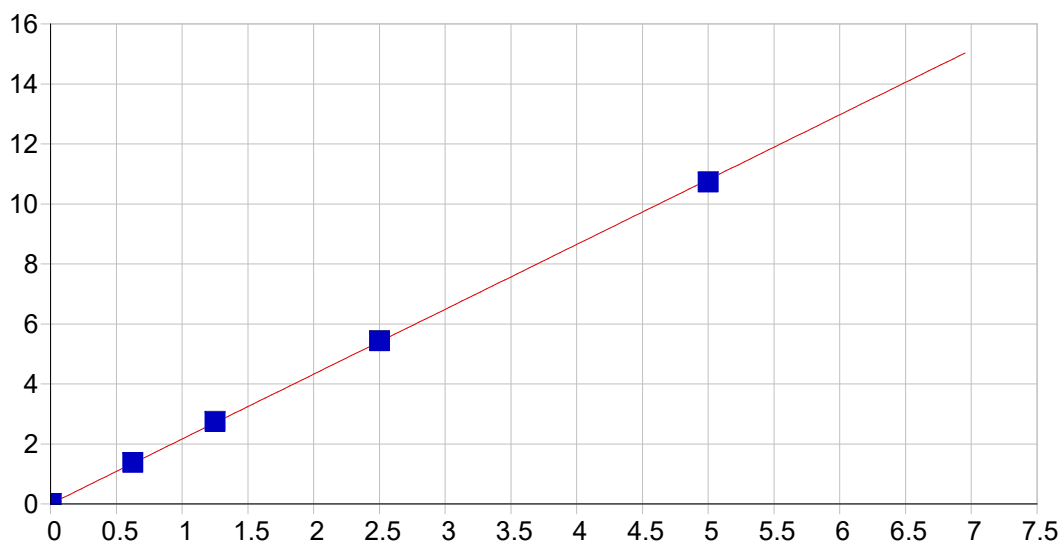


Be 234.861 {144}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000176	Re-Slope:	1.000000
A1 (Gain):	3.675505	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000243		
Predicted MDL:	0.000088		
Predicted MQL:	0.000292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.00500	.00562	.001	12.4	.02046	.000	1
S2	.12500	.13079	.006	4.63	.47843	.002	1
S3	.25000	.25473	.005	1.89	.93186	.006	1
S4	.50000	.50103	.001	.206	1.8329	.010	1
S5	1.0000	.98783	-.012	-1.22	3.6137	.022	1

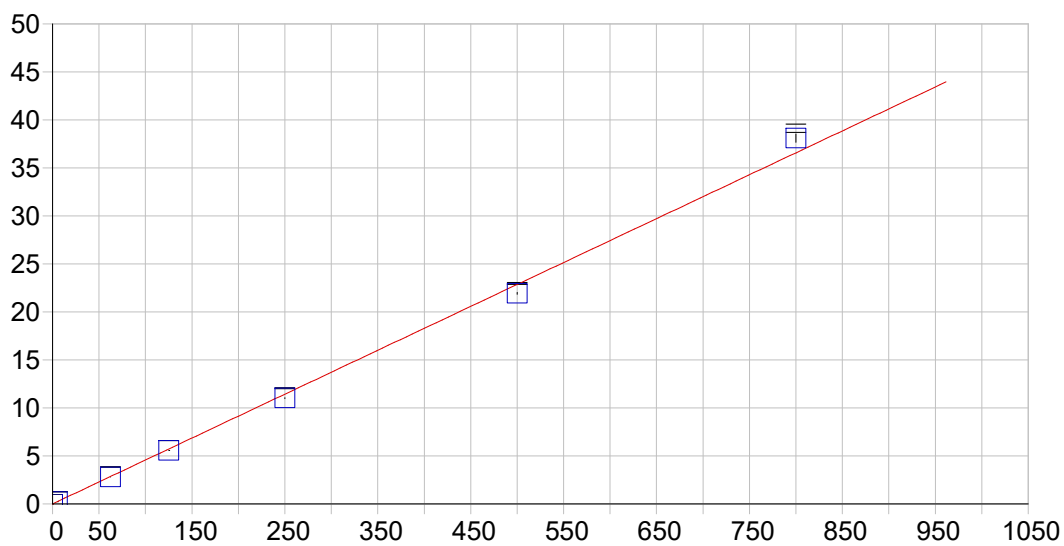


Cd 214.438 {457}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000609	Re-Slope:	1.000000
A1 (Gain):	2.161993	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000171		
Predicted MDL:	0.000133		
Predicted MQL:	0.000444		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.00500	.00558	.001	11.6	.01271	.000	1
S2	.62500	.63450	.010	1.52	1.3728	.003	1
S3	1.2500	1.2673	.017	1.39	2.7415	.007	1
S4	2.5000	2.5126	.013	.503	5.4346	.003	1
S5	5.0000	4.9600	-.040	-.800	10.728	.012	1

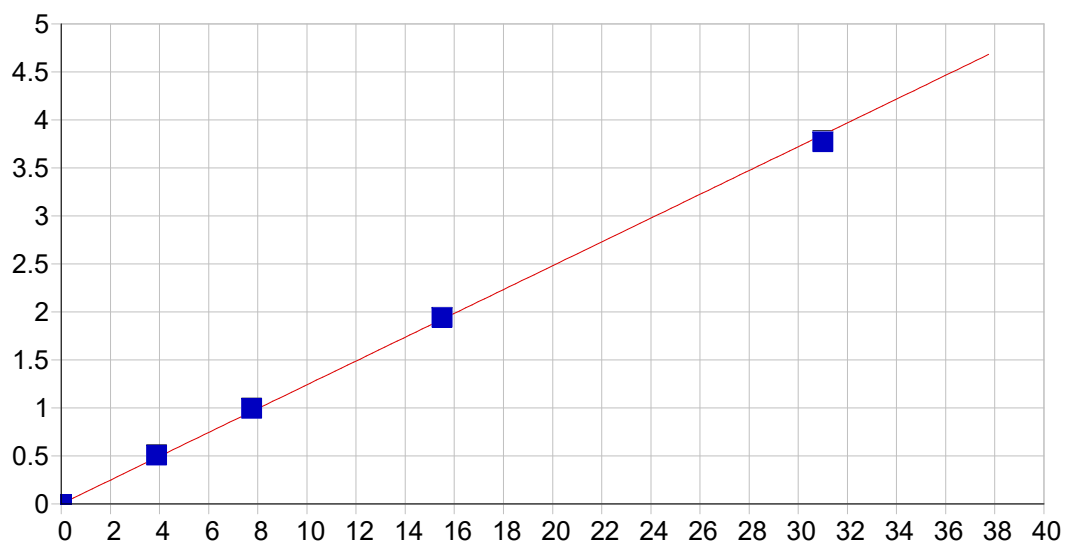


Ca 373.690 { 90}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001813 Re-Slope: 1.000000
 A1 (Gain): 0.045714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999228 Status: OK.
 Std Error of Est: 0.006272
 Predicted MDL: 0.014448
 Predicted MQL: 0.048159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00181	.000	1
S1	5.0000	5.3619	.362	7.24	.24692	.002	1
S2	62.500	61.453	-1.05	-1.67	2.8111	.012	1
S3	125.00	121.60	-3.40	-2.72	5.5604	.006	1
S4	250.00	241.06	-8.94	-3.58	11.021	.047	1
S5	500.00	479.56	-20.4	-4.09	21.924	.103	1
S6	800.00	833.47	33.5	4.18	38.103	.421	1

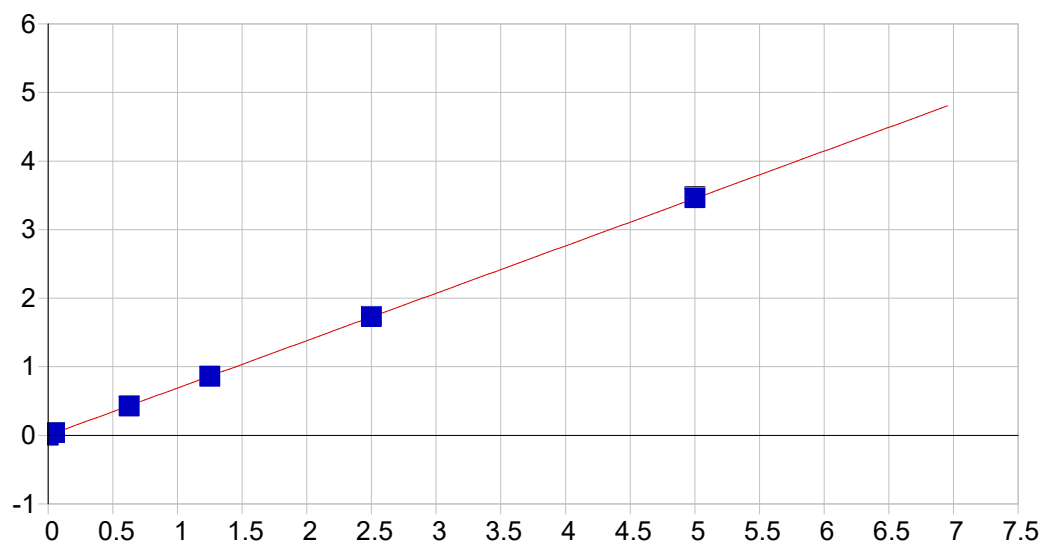


Cr 267.716 {126}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000055	Re-Slope:	1.000000
A1 (Gain):	0.124033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999719	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.000553		
Predicted MQL:	0.001844		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01120	.001	12.0	.00145	.000	1
S2	3.8750	4.0848	.210	5.41	.50755	.002	1
S3	7.7500	8.0082	.258	3.33	.99501	.002	1
S4	15.500	15.631	.131	.847	1.9422	.002	1
S5	31.000	30.400	-.600	-1.94	3.7773	.005	1

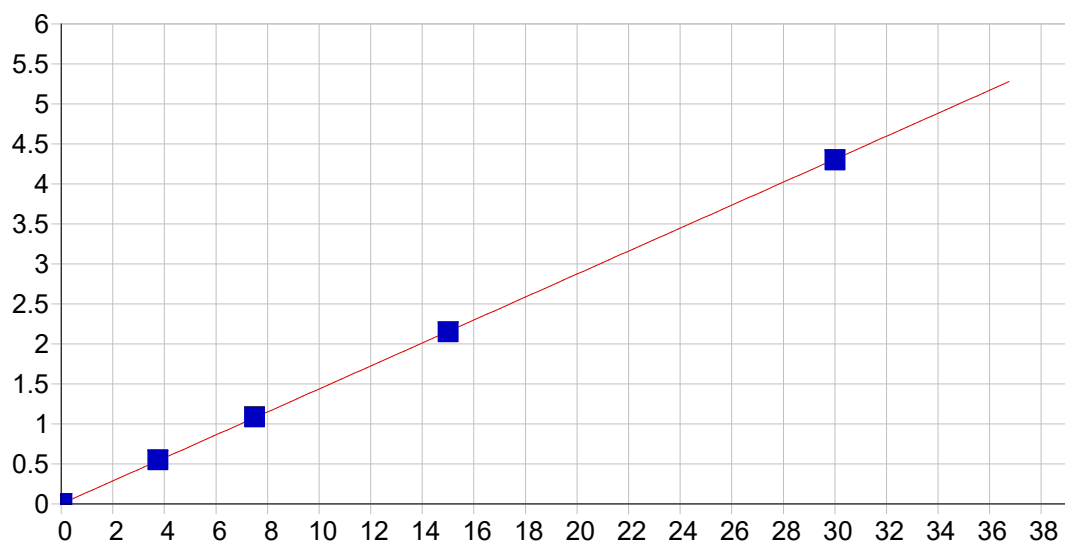


Co 228.616 {448}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000576 Re-Slope: 1.000000
 A1 (Gain): 0.690935 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000418
 Predicted MQL: 0.001392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.05000	.05248	.002	4.95	.03579	.000	1
S2	.62500	.61579	-.009	-1.47	.42629	.001	1
S3	1.2500	1.2437	-.006	-.507	.86149	.003	1
S4	2.5000	2.5027	.003	.107	1.7342	.000	1
S5	5.0000	5.0104	.010	.208	3.4724	.007	1

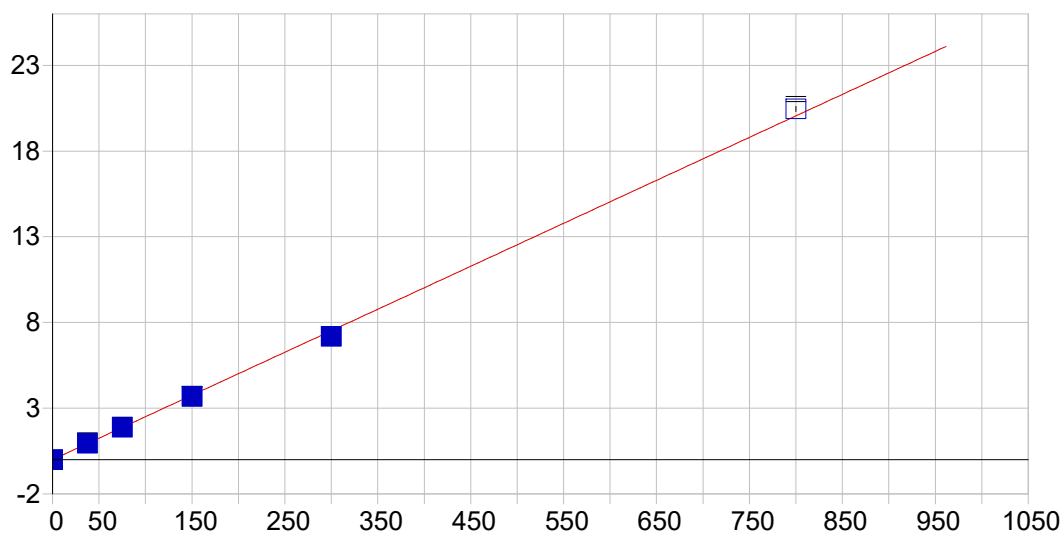


Cu 324.754 {104}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000676	Re-Slope:	1.000000
A1 (Gain):	0.143612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.003068		
Predicted MQL:	0.010226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.02500	.02532	.000	1.29	.00431	.000	1
S2	3.7500	3.8063	.056	1.50	.54724	.001	1
S3	7.5000	7.5563	.056	.751	1.0857	.004	1
S4	15.000	14.965	-.035	-.234	2.1496	.003	1
S5	30.000	29.922	-.078	-.260	4.2974	.006	1

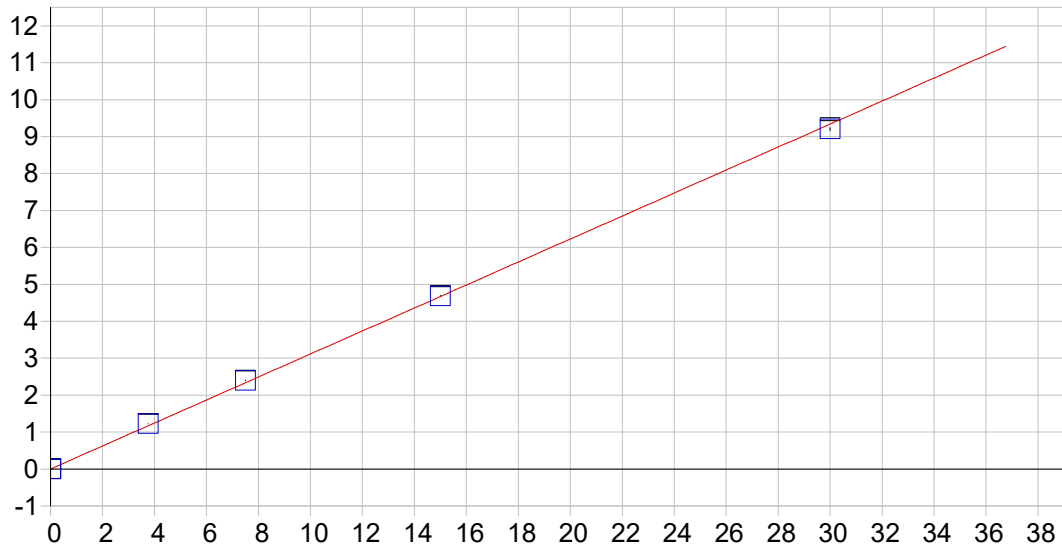


Fe 259.837 {130}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.025064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999620 Status: OK.
 Std Error of Est: 0.000302
 Predicted MDL: 0.009493
 Predicted MQL: 0.031643

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00009	.000	1
S1	.10000	.11327	.013	13.3	.00293	.000	1
S2	37.500	38.176	.676	1.80	.95715	.004	1
S3	75.000	75.138	.138	.184	1.8838	.003	1
S4	150.00	146.62	-3.38	-2.25	3.6759	.016	1
S5	300.00	286.37	-13.6	-4.54	7.1792	.011	1
S6	800.00	816.19	16.2	2.02	20.457	.149	1

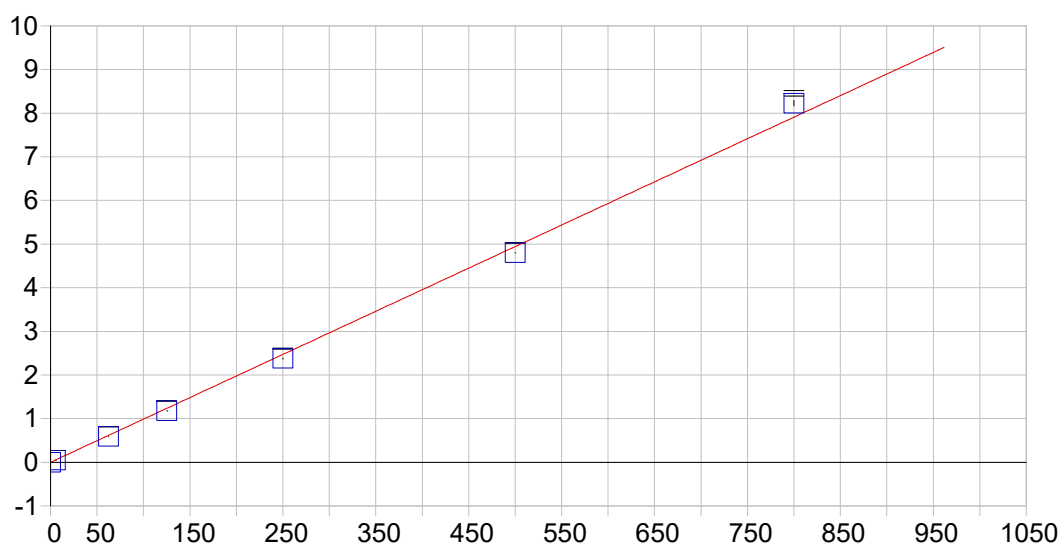


Mn 257.610 {131}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.311329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.000678
 Predicted MQL: 0.002258

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01268	-.002	-15.5	.00387	.000	1
S2	3.7500	3.9287	.179	4.77	1.2231	.006	1
S3	7.5000	7.7031	.203	2.71	2.3981	.006	1
S4	15.000	15.049	.049	.327	4.6851	.019	1
S5	30.000	29.571	-.429	-1.43	9.2064	.038	1

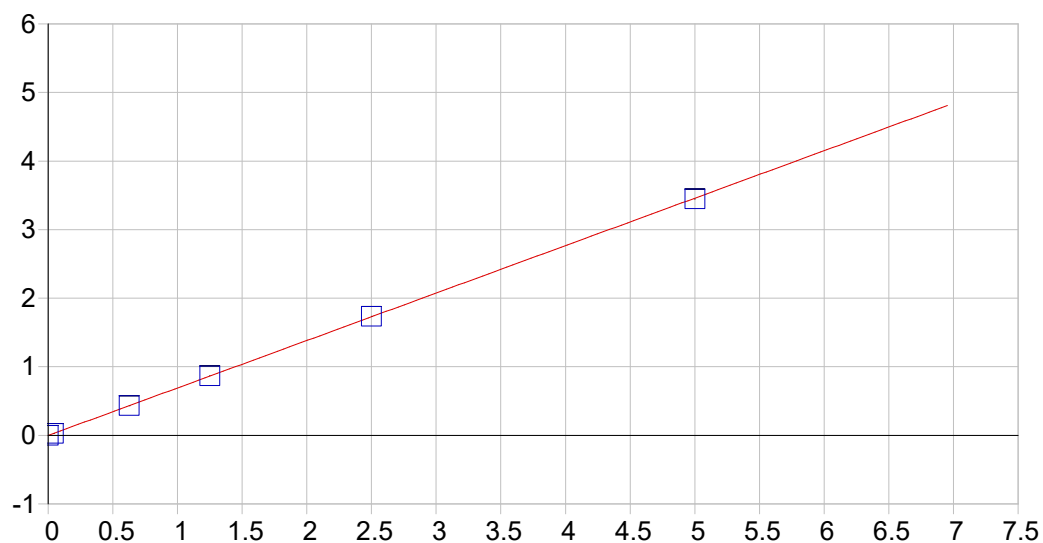


Mg 279.079 {121}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000184 Re-Slope: 1.000000
 A1 (Gain): 0.009886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999294 Status: OK.
 Std Error of Est: 0.001297
 Predicted MDL: 0.028502
 Predicted MQL: 0.095008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00060	.001	.000	-.00018	.000	1
S1	5.0000	4.9848	-.015	-.305	.04910	.000	1
S2	62.500	59.599	-2.90	-4.64	.58903	.003	1
S3	125.00	119.32	-5.68	-4.54	1.1795	.001	1
S4	250.00	240.59	-9.41	-3.76	2.3784	.011	1
S5	500.00	485.68	-14.3	-2.86	4.8013	.005	1
S6	800.00	832.32	32.3	4.04	8.2284	.060	1

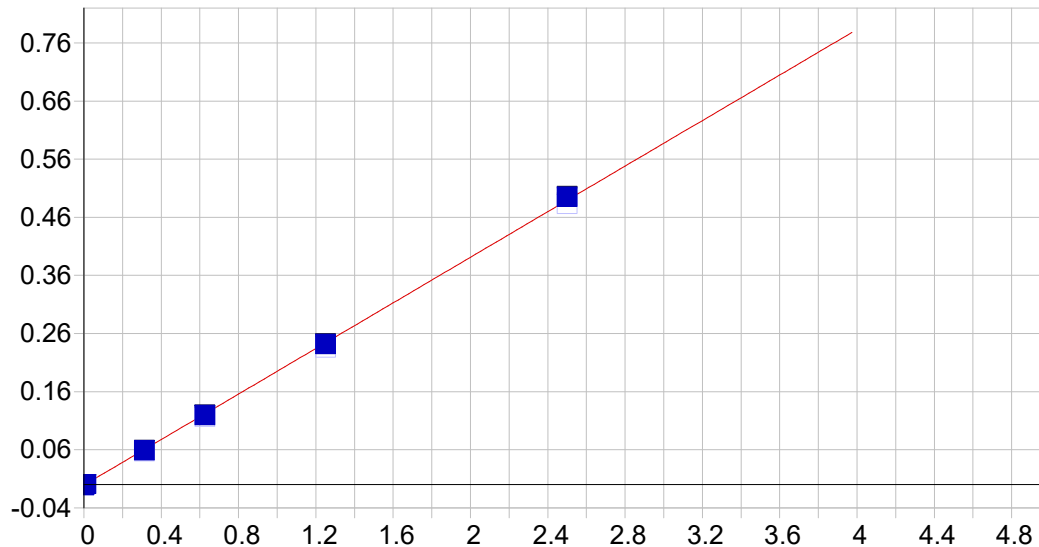


Ni 231.604 {446}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001026	Re-Slope:	1.000000
A1 (Gain):	0.691896	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.000539		
Predicted MQL:	0.001796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00103	.000	1
S1	.04000	.04276	.003	6.89	.02856	.000	1
S2	.62500	.62635	.001	.217	.43234	.001	1
S3	1.2500	1.2569	.007	.553	.86863	.002	1
S4	2.5000	2.5068	.007	.270	1.7334	.000	1
S5	5.0000	4.9822	-.018	-.356	3.4461	.006	1

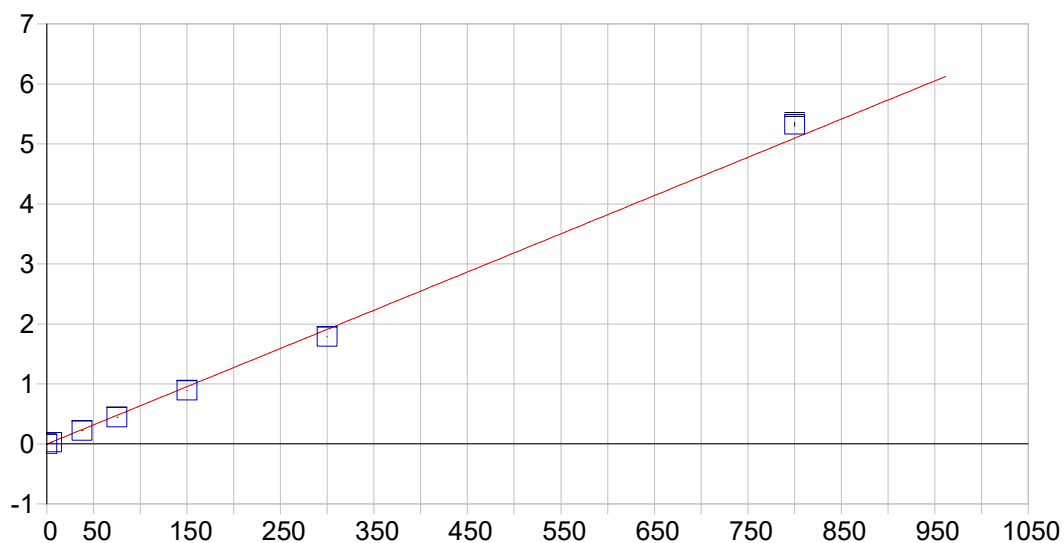


Ag 328.068 {103}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000851	Re-Slope:	1.000000
A1 (Gain):	0.196038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000561		
Predicted MQL:	0.001869		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00085	.000	1
S1	.01000	.01053	.001	5.29	.00121	.000	1
S2	.31250	.30612	-.006	-2.04	.05769	.000	1
S3	.62500	.61471	-.010	-1.65	.11671	.000	1
S4	1.2500	1.2372	-.013	-1.02	.23580	.001	1
S5	2.5000	2.5289	.029	1.16	.48315	.001	1

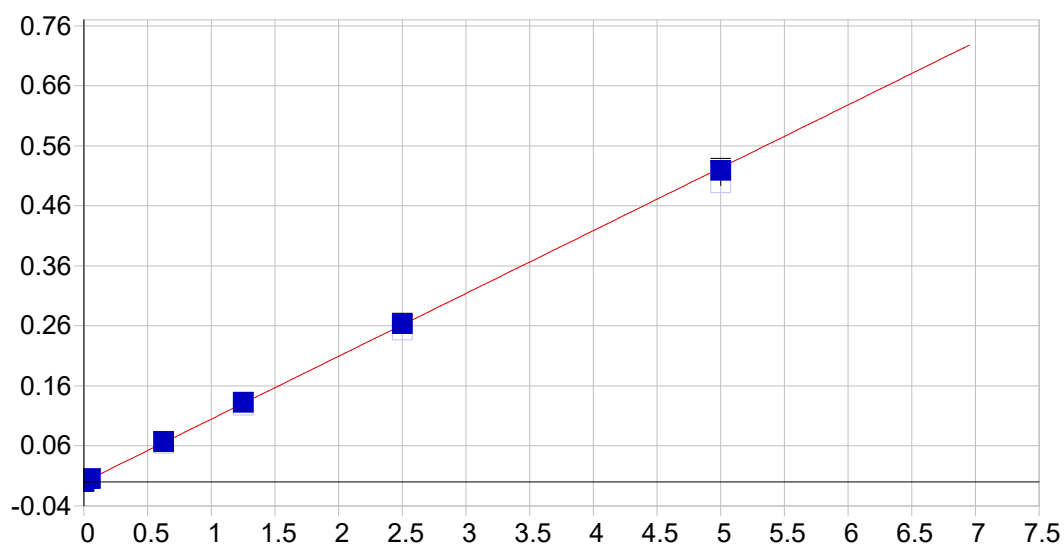


Na 818.326 { 41}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001439	Re-Slope:	1.000000
A1 (Gain):	0.006370	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998547	Status:	OK.
Std Error of Est:	0.001063		
Predicted MDL:	0.251299		
Predicted MQL:	0.837663		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00098	.001	.000	-.00143	.002	1
S1	5.0000	5.0982	.098	1.96	.03104	.001	1
S2	37.500	35.006	-2.49	-6.65	.22155	.000	1
S3	75.000	69.987	-5.01	-6.68	.44437	.001	1
S4	150.00	140.24	-9.76	-6.50	.89188	.001	1
S5	300.00	280.97	-19.0	-6.34	1.7883	.003	1
S6	800.00	836.20	36.2	4.53	5.3250	.030	1

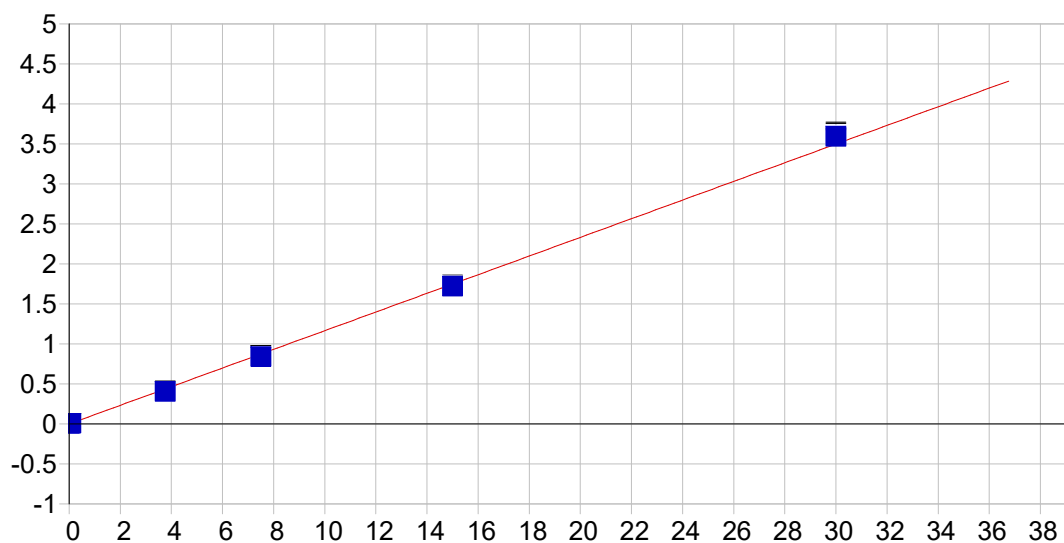


V 292.402 {115}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000103	Re-Slope:	1.000000
A1 (Gain):	0.104722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.003169		
Predicted MQL:	0.010563		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.05000	.05244	.002	4.88	.00537	.000	1
S2	.62500	.63661	.012	1.86	.06394	.000	1
S3	1.2500	1.2658	.016	1.27	.12721	.000	1
S4	2.5000	2.5142	.014	.567	.25269	.001	1
S5	5.0000	4.9559	-.044	-.883	.49790	.004	1

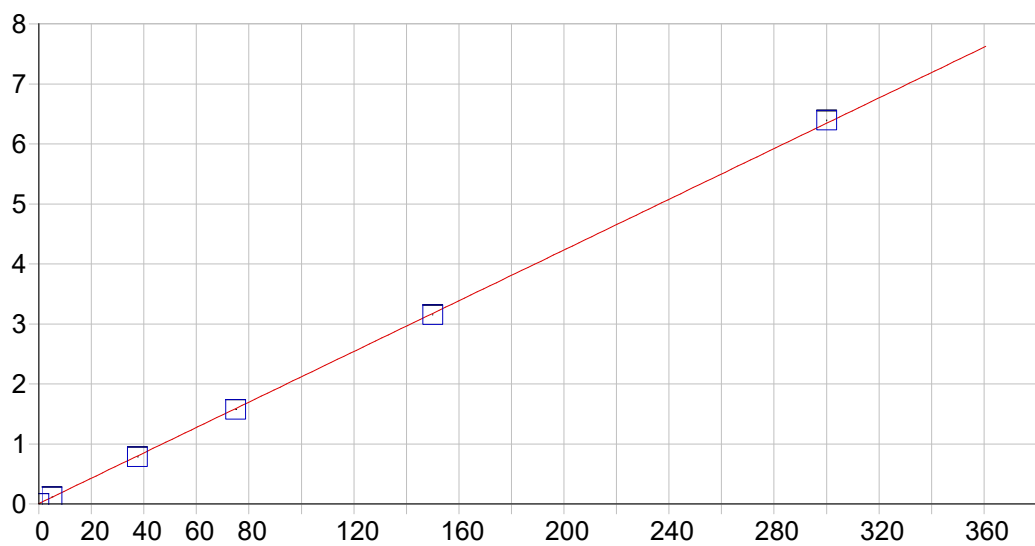


Zn 213.856 {158}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000875	Re-Slope:	1.000000
A1 (Gain):	0.116630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999508	Status:	OK.
Std Error of Est:	0.000262		
Predicted MDL:	0.005362		
Predicted MQL:	0.017874		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.001	1
S1	.06000	.06683	.007	11.4	.00694	.001	1
S2	3.7500	3.4871	-.263	-7.01	.40797	.003	1
S3	7.5000	7.2159	-.284	-3.79	.84499	.011	1
S4	15.000	14.738	-.262	-1.75	1.7266	.010	1
S5	30.000	30.802	.802	2.67	3.6087	.040	1

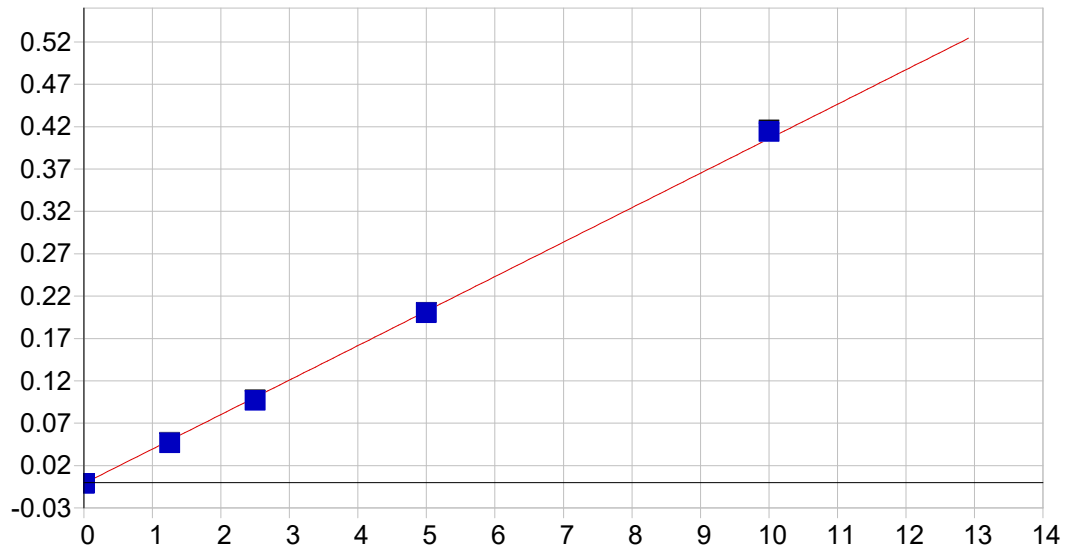


K 769.896 { 44}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005773	Re-Slope:	1.000000
A1 (Gain):	0.021130	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000430		
Predicted MDL:	0.071075		
Predicted MQL:	0.236915		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00577	.001	1
S1	5.0000	5.2379	.238	4.76	.11645	.001	1
S2	37.500	36.874	-.626	-1.67	.78493	.001	1
S3	75.000	74.178	-.822	-1.10	1.5732	.001	1
S4	150.00	148.95	-1.05	-.702	3.1530	.005	1
S5	300.00	302.26	2.26	.755	6.3926	.010	1

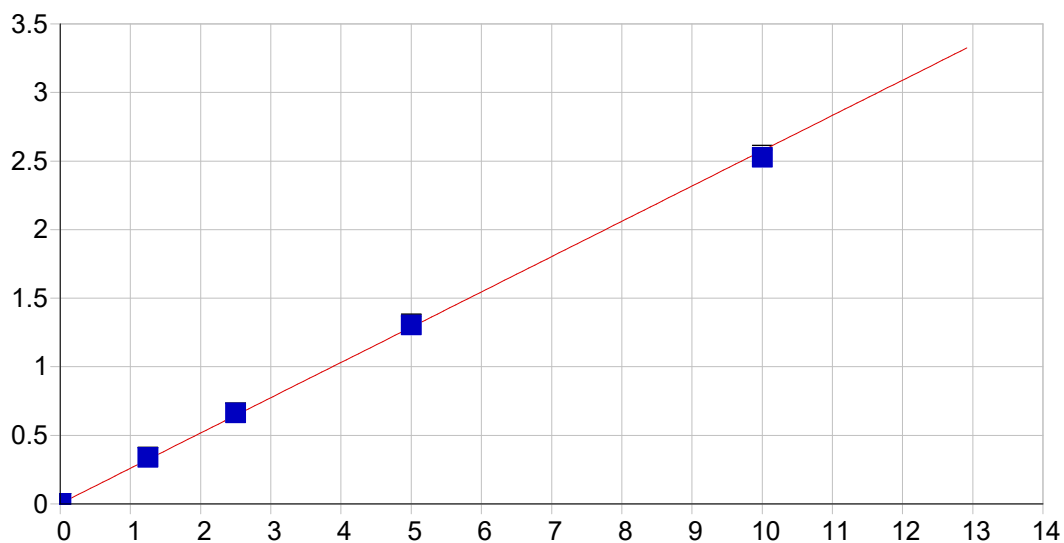


P 177.495 {490}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001202 Re-Slope: 1.000000
 A1 (Gain): 0.040697 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.004455
 Predicted MQL: 0.014850

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.01000	.00959	-.000	-4.09	-.00081	.000	1
S2	1.2500	1.1787	-.071	-5.70	.04669	.001	1
S3	2.5000	2.4096	-.090	-3.62	.09671	.001	1
S4	5.0000	4.9516	-.048	-.968	.20002	.001	1
S5	10.000	10.211	.211	2.11	.41375	.002	1

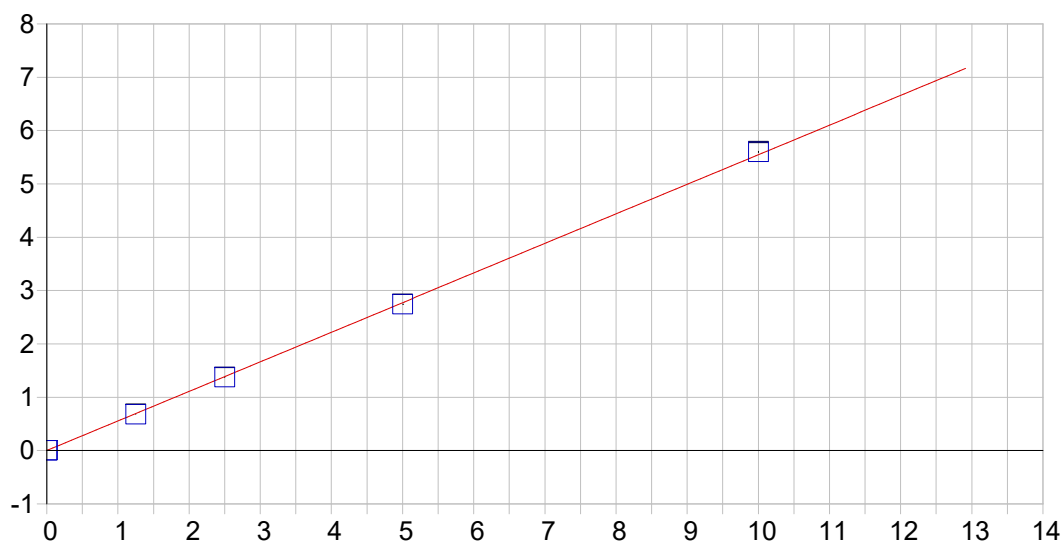


B 249.678 {135}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002380	Re-Slope:	1.000000
A1 (Gain):	0.257257	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999766	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.001471		
Predicted MQL:	0.004903		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00238	.000	1
S1	.01000	.01088	.001	8.79	.00520	.000	1
S2	1.2500	1.3066	.057	4.53	.33815	.002	1
S3	2.5000	2.5712	.071	2.85	.66311	.002	1
S4	5.0000	5.0568	.057	1.14	1.3018	.008	1
S5	10.000	9.8146	-.185	-1.85	2.5243	.016	1

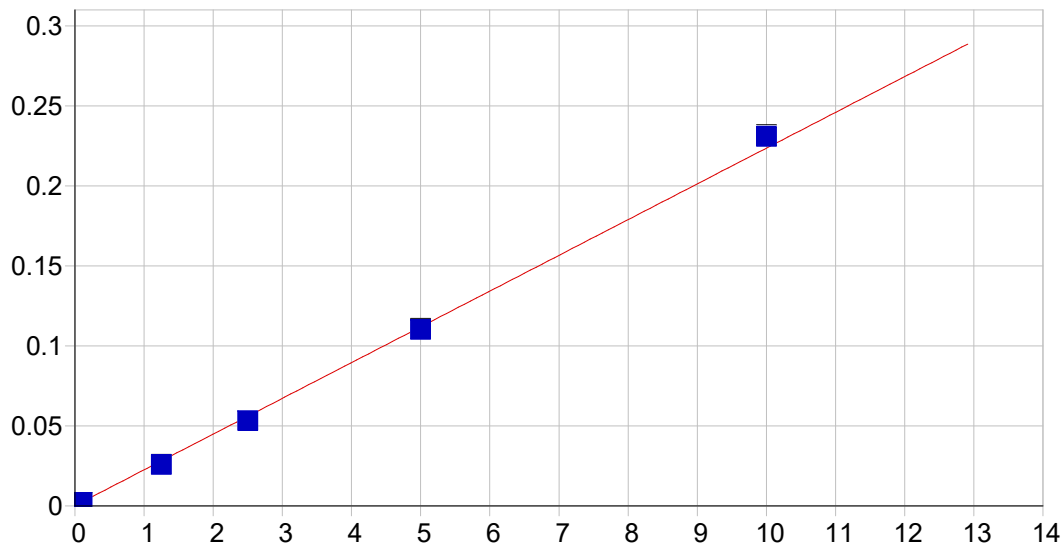


Mo 202.030 {467}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000017	Re-Slope:	1.000000
A1 (Gain):	0.554813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.000510		
Predicted MQL:	0.001700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01065	.001	6.46	.00592	.000	1
S2	1.2500	1.2310	-.019	-1.52	.68299	.001	1
S3	2.5000	2.4763	-.024	-.947	1.3739	.002	1
S4	5.0000	4.9495	-.050	-1.01	2.7461	.000	1
S5	10.000	10.093	.093	.925	5.5995	.010	1

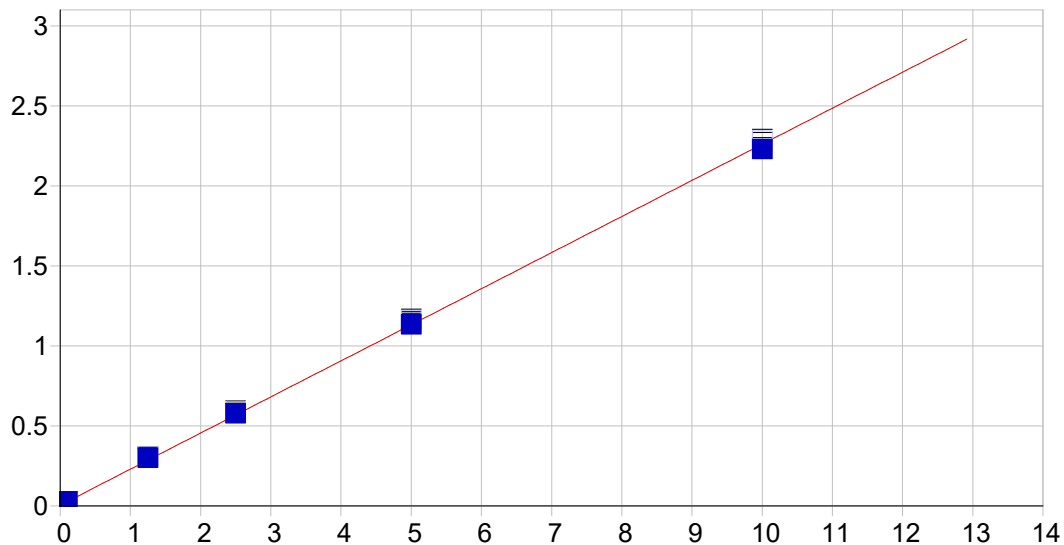


S 182.034 {485}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.022340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999268 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.007461
 Predicted MQL: 0.024868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00021	.000	1
S1	.10000	.09158	-.008	-8.42	.00225	.000	1
S2	1.2500	1.1432	-.107	-8.54	.02584	.000	1
S3	2.5000	2.3734	-.127	-5.06	.05341	.000	1
S4	5.0000	4.9209	-.079	-1.58	.11050	.000	1
S5	10.000	10.321	.321	3.21	.23149	.000	1

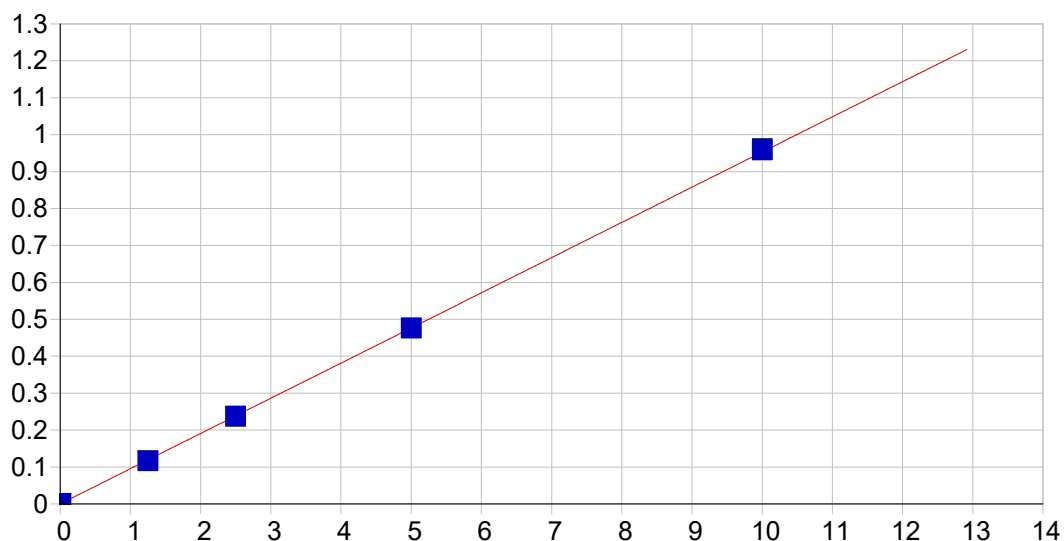


Si 251.611 {134}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004269 Re-Slope: 1.000000
 A1 (Gain): 0.225565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.001628
 Predicted MQL: 0.005426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00427	.000	1
S1	.10000	.10826	.008	8.26	.02901	.000	1
S2	1.2500	1.3151	.065	5.21	.30731	.001	1
S3	2.5000	2.5471	.047	1.88	.59160	.002	1
S4	5.0000	5.0117	.012	.233	1.1603	.008	1
S5	10.000	9.8680	-.132	-1.32	2.2813	.010	1

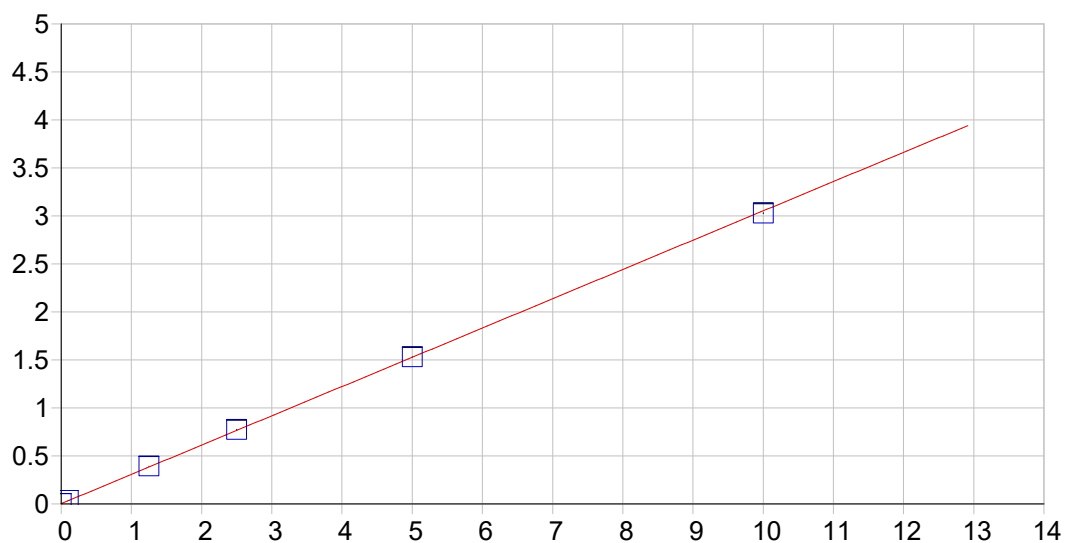


Sn 189.989 {478}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000154	Re-Slope:	1.000000
A1 (Gain):	0.095280	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.001937		
Predicted MQL:	0.006457		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00631	-.001	-9.91	.00073	.000	1
S2	1.2500	1.2202	-.030	-2.38	.11607	.000	1
S3	2.5000	2.4782	-.022	-.874	.23558	.001	1
S4	5.0000	4.9920	-.008	-.160	.47441	.001	1
S5	10.000	10.060	.060	.603	.95592	.003	1

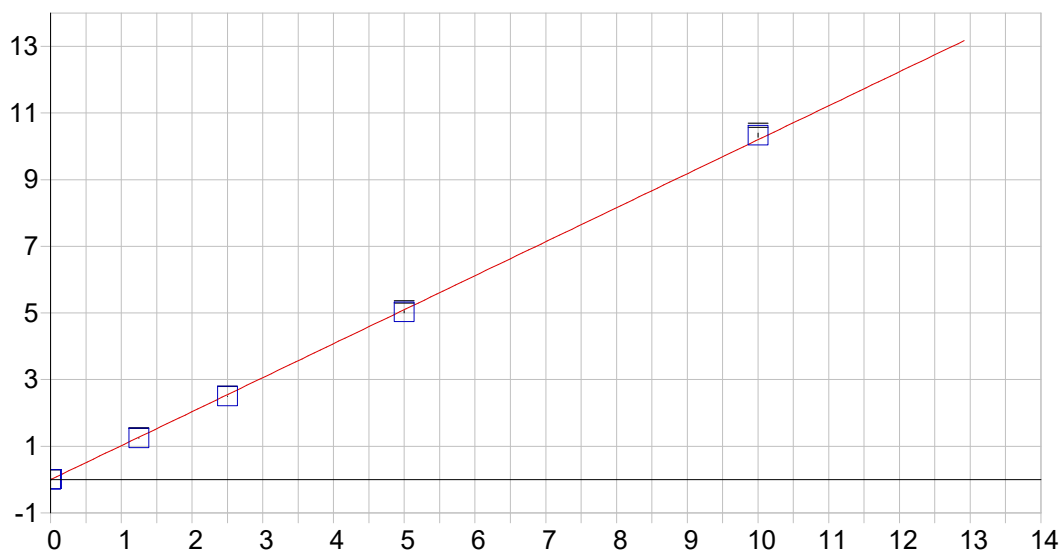


Ti 336.121 {100}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002585	Re-Slope:	1.000000
A1 (Gain):	0.304959	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000201		
Predicted MDL:	0.001431		
Predicted MQL:	0.004769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00258	.000	1
S1	.10000	.11175	.012	11.8	.03666	.000	1
S2	1.2500	1.2766	.027	2.13	.39190	.001	1
S3	2.5000	2.5278	.028	1.11	.77344	.003	1
S4	5.0000	5.0125	.012	.250	1.5312	.004	1
S5	10.000	9.9214	-.079	-.786	3.0282	.004	1



Li 670.784 { 50}

Date of Fit: 08/29/2023 18:39:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002068 Re-Slope: 1.000000
A1 (Gain): 1.020059 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999889 Status: OK.
Std Error of Est: 0.000312
Predicted MDL: 0.001629
Predicted MQL: 0.005430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00207	.001	1
S5	10.000	10.133	.133	1.33	10.334	.063	1
S4	5.0000	4.9380	-.062	-1.24	5.0350	.037	1
S3	2.5000	2.4533	-.047	-1.87	2.5005	.005	1
S2	1.2500	1.2240	-.026	-2.08	1.2465	.009	1
S1	.01500	.01687	.002	12.5	.01514	.002	1







Y 224.306 {150}*

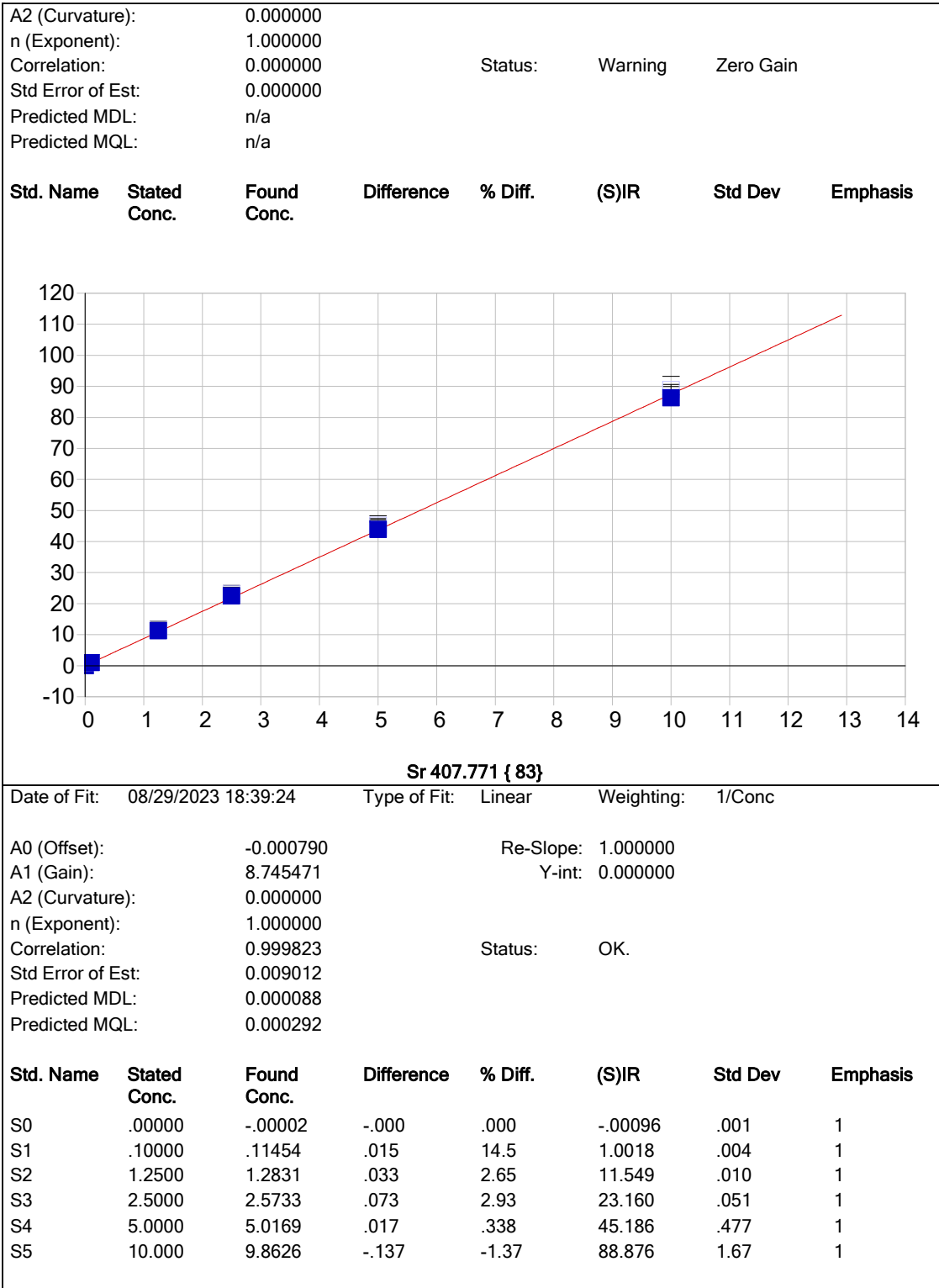
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}^{*}

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	



Sample Name: S0 Acquired: 08/29/2023 12:05:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	-.00023	-.00007	-.00024	.00009	-.00013	-.00135	.00509	-.00018
Stddev	.00022	.00022	.00011	.00027	.00014	.00074	.00137	.00037
%RSD	94.832	310.10	47.546	284.79	112.42	54.416	26.855	207.50

#1	-.00009	-.00008	-.00037	.00031	-.00013	-.00075	.00395	.00012
#2	-.00048	.00015	-.00015	.00018	.00002	-.00217	.00472	-.00007
#3	-.00012	-.00029	-.00020	-.00021	-.00027	-.00113	.00661	-.00059

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	.00061	.00181	.00006	-.00058	.00068	.00009	-.00008	-.00018
Stddev	.00009	.00049	.00005	.00025	.00009	.00010	.00014	.00026
%RSD	14.015	27.205	83.766	43.100	13.155	105.59	177.53	145.37

#1	.00052	.00130	.00000	-.00086	.00067	.00017	-.00024	-.00015
#2	.00060	.00229	.00007	-.00044	.00059	-.00002	.00001	-.00045
#3	.00069	.00185	.00009	-.00043	.00077	.00013	-.00001	.00007

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	-.00103	-.00085	-.00143	-.00010	-.00088	.00577	-.00120	.00238
Stddev	.00038	.00002	.00188	.00031	.00053	.00084	.00003	.00036
%RSD	36.622	2.0642	131.35	298.13	60.475	14.473	2.6936	15.317

#1	-.00061	-.00086	-.00342	.00023	-.00134	.00649	-.00122	.00250
#2	-.00133	-.00086	.00032	-.00015	-.00030	.00596	-.00122	.00197
#3	-.00115	-.00083	-.00119	-.00038	-.00099	.00486	-.00116	.00267

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	.00002	.00021	.00427	.00015	.00258	-.00207	-.00096	
Stddev	.00017	.00004	.00010	.00010	.00021	.00131	.00053	
%RSD	981.82	19.665	2.4228	62.037	7.9621	63.462	55.668	

#1	.00018	.00021	.00415	.00005	.00262	-.00324	-.00150	
#2	.00003	.00017	.00435	.00018	.00276	-.00065	-.00095	
#3	-.00015	.00025	.00430	.00023	.00236	-.00231	-.00043	

Sample Name: S0 Acquired: 08/29/2023 12:05:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1622.6	46159.	6490.5	1275.2	1899.0
Stddev	2.1	251.	84.6	7.1	3.8
%RSD	.12699	.54345	1.3040	.55534	.20164
#1	1624.6	46218.	6420.0	1282.0	1902.4
#2	1620.5	46375.	6584.4	1275.6	1894.9
#3	1622.7	45884.	6467.1	1267.9	1899.8

Sample Name: S1 Acquired: 08/29/2023 12:10:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	.00009	.00171	.00130	.00135	.00766	.01536	.83806	.02046
Stddev	.00004	.00003	.00019	.00030	.00022	.00071	.00695	.00027
%RSD	49.890	1.6407	14.714	22.307	2.8729	4.6389	.82910	1.3082
#1	.00008	.00169	.00152	.00131	.00791	.01456	.83257	.02030
#2	.00005	.00171	.00121	.00107	.00751	.01556	.83574	.02032
#3	.00014	.00174	.00116	.00166	.00755	.01594	.84587	.02077
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	.01271	.24692	.00145	.03579	.00431	.00293	.00387	.04910
Stddev	.00031	.00177	.00004	.00012	.00023	.00020	.00004	.00035
%RSD	2.4579	.71593	3.0133	.33030	5.2433	6.7452	1.0007	.71277
#1	.01306	.24590	.00141	.03582	.00409	.00279	.00386	.04903
#2	.01246	.24591	.00143	.03566	.00454	.00286	.00391	.04878
#3	.01261	.24896	.00150	.03589	.00430	.00316	.00384	.04947
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	.02856	.00121	.03104	.00537	.00694	.11645	-.00081	.00520
Stddev	.00016	.00005	.00093	.00025	.00053	.00053	.00002	.00015
%RSD	.54538	4.2829	2.9987	4.7275	7.6475	.45477	2.9892	2.8914
#1	.02857	.00125	.03120	.00562	.00754	.11585	-.00078	.00504
#2	.02870	.00115	.03187	.00539	.00654	.11686	-.00083	.00522
#3	.02839	.00123	.03003	.00511	.00674	.11664	-.00082	.00534
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	.00592	.00225	.02901	.00073	.03666	.01514	1.0018	
Stddev	.00022	.00018	.00044	.00017	.00041	.00208	.0038	
%RSD	3.6445	8.1632	1.5060	23.944	1.1305	13.706	.37755	
#1	.00570	.00246	.02867	.00055	.03653	.01275	.99810	
#2	.00613	.00220	.02885	.00090	.03633	.01649	1.0016	
#3	.00594	.00210	.02950	.00072	.03713	.01619	1.0057	

Sample Name: S1 Acquired: 08/29/2023 12:10:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1620.7	45657.	6454.0	1264.4	1896.1
Stddev	4.8	189.	86.0	2.2	2.2
%RSD	.29845	.41432	1.3320	.17270	.11854
#1	1624.7	45591.	6458.3	1265.9	1894.6
#2	1622.0	45509.	6537.7	1265.4	1898.7
#3	1615.3	45870.	6365.9	1261.9	1895.0

Sample Name: S2 Acquired: 08/29/2023 12:14:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	.03412	.08291	.96479	.03682	.15121	3.0827	10.025	.47843
Stddev	.00024	.00025	.00166	.00009	.00060	.0091	.054	.00159
%RSD	.69106	.30071	.17246	.24894	.39645	.29638	.53899	.33226

#1	.03435	.08306	.96667	.03684	.15100	3.0911	10.082	.47717
#2	.03388	.08263	.96351	.03691	.15074	3.0839	10.018	.48022
#3	.03414	.08306	.96418	.03673	.15188	3.0730	9.9746	.47791

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3728	2.8111	.50755	.42629	.54724	.95715	1.2231	.58903
Stddev	.0034	.0124	.00152	.00060	.00053	.00412	.0060	.00291
%RSD	.24435	.44287	.29934	.14012	.09713	.43035	.48779	.49321

#1	1.3750	2.8234	.50629	.42648	.54685	.96156	1.2297	.59237
#2	1.3690	2.8113	.50923	.42562	.54704	.95650	1.2214	.58761
#3	1.3746	2.7985	.50711	.42676	.54785	.95339	1.2181	.58711

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	.43234	.05769	.22155	.06394	.40797	.78493	.04669	.33815
Stddev	.00101	.00018	.00047	.00042	.00316	.00089	.00052	.00160
%RSD	.23429	.30673	.21299	.65377	.77376	.11375	1.1130	.47311

#1	.43263	.05752	.22124	.06367	.41139	.78441	.04722	.33766
#2	.43122	.05788	.22209	.06442	.40735	.78596	.04618	.33993
#3	.43318	.05767	.22131	.06373	.40517	.78441	.04667	.33684

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	.68299	.02584	.30731	.11607	.39190	1.2465	11.549
Stddev	.00135	.00009	.00070	.00021	.00144	.0093	.010
%RSD	.19797	.35665	.22912	.18129	.36869	.74289	.08690

#1	.68343	.02573	.30680	.11587	.39330	1.2564	11.538
#2	.68147	.02587	.30811	.11629	.39199	1.2452	11.550
#3	.68406	.02591	.30702	.11604	.39041	1.2380	11.558

Sample Name: S2 Acquired: 08/29/2023 12:14:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1558.5	44435.	6336.0	1218.1	1739.6
Stddev	3.0	102.	12.0	8.3	3.7
%RSD	.19376	.22893	.18970	.68171	.21184
#1	1555.4	44343.	6323.1	1208.5	1735.4
#2	1558.8	44417.	6338.0	1222.6	1741.9
#3	1561.4	44544.	6346.8	1223.1	1741.6

Sample Name: S3 Acquired: 08/29/2023 12:18:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	.06874	.16422	1.9453	.07272	.30575	6.2071	20.101	.93186
Stddev	.00049	.00102	.0083	.00020	.00072	.0252	.048	.00612
%RSD	.71783	.62277	.42433	.26864	.23591	.40579	.24040	.65647

#1	.06817	.16372	1.9454	.07288	.30656	6.2112	20.071	.93092
#2	.06894	.16354	1.9370	.07250	.30550	6.1801	20.076	.93839
#3	.06909	.16539	1.9535	.07278	.30518	6.2300	20.157	.92626

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	2.7415	5.5604	.99501	.86149	1.0857	1.8838	2.3981	1.1795
Stddev	.0072	.0056	.00176	.00255	.0039	.0028	.0059	.0010
%RSD	.26220	.10156	.17678	.29644	.36011	.15082	.24485	.08729

#1	2.7358	5.5595	.99466	.85861	1.0886	1.8820	2.4002	1.1788
#2	2.7390	5.5552	.99345	.86241	1.0813	1.8822	2.3915	1.1790
#3	2.7496	5.5664	.99691	.86346	1.0874	1.8870	2.4026	1.1807

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	.86863	.11671	.44437	.12721	.84499	1.5732	.09671	.66311
Stddev	.00220	.00016	.00090	.00046	.01061	.0008	.00055	.00190
%RSD	.25305	.13863	.20268	.35913	1.2556	.05278	.56554	.28696

#1	.86764	.11654	.44481	.12713	.83678	1.5723	.09654	.66341
#2	.86710	.11673	.44333	.12680	.84123	1.5733	.09627	.66484
#3	.87115	.11687	.44496	.12770	.85697	1.5739	.09733	.66107

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	1.3739	.05341	.59160	.23558	.77344	2.5005	23.160
Stddev	.0021	.00007	.00186	.00146	.00310	.0055	.051
%RSD	.15471	.12519	.31488	.61781	.40114	.21960	.22068

#1	1.3748	.05345	.59231	.23423	.77445	2.4941	23.109
#2	1.3755	.05345	.59300	.23539	.76996	2.5038	23.158
#3	1.3715	.05333	.58948	.23712	.77592	2.5034	23.212

Sample Name: S3 Acquired: 08/29/2023 12:18:02 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1502.6	43117.	6289.1	1162.0	1651.6
Stddev	4.8	110.	17.6	5.8	2.5
%RSD	.32101	.25617	.27943	.49867	.14899
#1	1499.4	43114.	6277.2	1168.7	1653.5
#2	1500.3	43230.	6280.7	1158.8	1652.5
#3	1508.2	43009.	6309.3	1158.5	1648.9

Sample Name: S4 Acquired: 08/29/2023 12:21:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	.14065	.32275	3.8979	.14431	.61995	12.495	40.116	1.8329
Stddev	.00030	.00082	.0018	.00021	.00106	.018	.262	.0099
%RSD	.21540	.25387	.04641	.14355	.17026	.14521	.65191	.54025
#1	.14099	.32200	3.8979	.14425	.62003	12.483	40.075	1.8412
#2	.14043	.32363	3.8998	.14415	.61886	12.516	40.396	1.8356
#3	.14052	.32263	3.8962	.14455	.62096	12.487	39.878	1.8220

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	5.4346	11.021	1.9422	1.7342	2.1496	3.6759	4.6851	2.3784
Stddev	.0033	.047	.0016	.0002	.0027	.0165	.0189	.0110
%RSD	.06138	.42233	.08465	.01295	.12675	.44864	.40407	.46238
#1	5.4364	11.020	1.9404	1.7342	2.1465	3.6642	4.6781	2.3698
#2	5.4367	11.069	1.9436	1.7339	2.1518	3.6947	4.7066	2.3908
#3	5.4308	10.975	1.9426	1.7344	2.1504	3.6686	4.6707	2.3746

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	1.7334	.23580	.89188	.25269	1.7266	3.1530	.20002	1.3018
Stddev	.0004	.00103	.00127	.00115	.0099	.0045	.00060	.0085
%RSD	.02055	.43737	.14265	.45517	.57363	.14353	.29960	.65200
#1	1.7330	.23528	.89286	.25150	1.7152	3.1540	.19998	1.3077
#2	1.7337	.23514	.89234	.25380	1.7334	3.1570	.19944	1.3056
#3	1.7335	.23699	.89044	.25277	1.7311	3.1481	.20063	1.2921

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.7461	.11050	1.1603	.47441	1.5312	5.0350	45.186	
Stddev	.0002	.00049	.0075	.00052	.0036	.0366	.477	
%RSD	.00580	.44283	.65002	.11031	.23536	.72630	1.0546	
#1	2.7461	.10994	1.1642	.47394	1.5284	5.0275	44.854	
#2	2.7462	.11087	1.1651	.47430	1.5353	5.0748	44.973	
#3	2.7459	.11068	1.1516	.47497	1.5299	5.0028	45.732	

Sample Name: S4 Acquired: 08/29/2023 12:21:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1421.6	41902.	6201.6	1103.3	1538.2
Stddev	2.6	170.	37.1	5.3	.7
%RSD	.18456	.40548	.59758	.47857	.04511
#1	1419.8	41861.	6161.5	1098.5	1538.3
#2	1424.6	42089.	6208.8	1109.0	1538.7
#3	1420.4	41757.	6234.6	1102.5	1537.4

Sample Name: S5 Acquired: 08/29/2023 12:25:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	.29417	.63180	7.8522	.29498	1.2970	25.534	79.767	3.6137
Stddev	.00055	.00115	.0109	.00127	.0019	.048	1.192	.0222
%RSD	.18545	.18244	.13870	.42991	.14912	.18843	1.4945	.61498

#1	.29397	.63243	7.8553	.29377	1.2954	25.589	80.584	3.6171
#2	.29376	.63047	7.8401	.29630	1.2965	25.512	78.399	3.5900
#3	.29479	.63249	7.8612	.29486	1.2991	25.500	80.318	3.6341

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	10.728	21.924	3.7773	3.4724	4.2974	7.1792	9.2064	4.8013
Stddev	.012	.103	.0054	.0071	.0057	.0113	.0384	.0051
%RSD	.11322	.46847	.14401	.20348	.13314	.15697	.41673	.10586

#1	10.731	22.039	3.7724	3.4695	4.3027	7.1894	9.2471	4.8071
#2	10.714	21.841	3.7832	3.4673	4.2913	7.1812	9.1709	4.7975
#3	10.738	21.893	3.7764	3.4805	4.2981	7.1671	9.2012	4.7995

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	3.4461	.48315	1.7883	.49790	3.6087	6.3926	.41375	2.5243
Stddev	.0055	.00140	.0033	.00394	.0399	.0103	.00173	.0157
%RSD	.16046	.28938	.18415	.79208	1.1055	.16046	.41891	.62111

#1	3.4441	.48222	1.7920	.50220	3.6490	6.3912	.41391	2.5259
#2	3.4419	.48247	1.7866	.49446	3.6079	6.3832	.41194	2.5079
#3	3.4524	.48476	1.7861	.49704	3.5692	6.4035	.41539	2.5392

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	5.5995	.23149	2.2813	.95592	3.0282	10.334	88.876	
Stddev	.0101	.00048	.0098	.00314	.0043	.063	1.671	
%RSD	.17964	.20716	.42950	.32885	.14233	.60999	1.8805	

#1	5.5926	.23108	2.2805	.95621	3.0308	10.404	89.256	
#2	5.5948	.23138	2.2720	.95264	3.0305	10.283	87.047	
#3	5.6110	.23202	2.2915	.95891	3.0232	10.315	90.325	

Sample Name: S5 Acquired: 08/29/2023 12:25:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	1296.7	39999.	6032.8	1012.6	1408.2
Stddev	4.3	78.	47.9	14.5	4.4
%RSD	.32858	.19485	.79383	1.4358	.31439
#1	1297.1	39962.	6009.6	996.16	1407.3
#2	1300.7	40089.	6087.9	1023.9	1413.1
#3	1292.2	39947.	6000.9	1017.6	1404.4

Sample Name: S6 Acquired: 08/29/2023 12:30:03 Type: Cal
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) 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	72.167	38.103	20.457	8.2284	5.3250
Stddev	.087	.421	.149	.0602	.0300
%RSD	.12068	1.1044	.73003	.73162	.56380

#1	72.113	38.296	20.482	8.2403	5.3334
#2	72.121	37.620	20.297	8.1632	5.2917
#3	72.268	38.392	20.592	8.2818	5.3499

Int. Std.	Y_3710
Units	Cts/S
Avg	5880.1
Stddev	43.7
%RSD	.74325

#1	5874.3
#2	5926.4
#3	5839.6

Sample Name: ICV003 Acquired: 08/29/2023 12:46:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.029665	1.077941	1.002046	1.078629	1.018277	2.478919
Stddev	.005673	.003382	.001513	.003955	.003683	.012381
%RSD	.5509100	.3137433	.1509640	.3666301	.3617110	.4994626

#1	1.034984	1.075505	1.000302	1.083042	1.015447	2.470504
#2	1.023695	1.081802	1.003000	1.075404	1.016942	2.473117
#3	1.030316	1.076515	1.002836	1.077442	1.022442	2.493136

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5519538	.5509287	.5287496	10.26780	.5698621	.5155202
Stddev	.0039032	.0058928	.0005106	.08405	.0008728	.0012020
%RSD	.7071668	1.069604	.0965706	.8186225	.1531649	.2331601

#1	.5539466	.5574071	.5290586	10.35203	.5688810	.5168968
#2	.5474564	.5458873	.5281602	10.18392	.5701527	.5146786
#3	.5544584	.5494918	.5290300	10.26743	.5705526	.5149852

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5377778	10.86099	.5634514	5.429739	.5270675	.2508203
Stddev	.0044601	.06230	.0031888	.028880	.0010302	.0015509
%RSD	.8293495	.5736289	.5659348	.5318932	.1954511	.6183181

#1	.5424478	10.91913	.5651128	5.454523	.5280020	.2491343
#2	.5373231	10.79523	.5597750	5.398024	.5259629	.2511408
#3	.5335626	10.86860	.5654664	5.436672	.5272375	.2521859

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.493630	.5324706	.9694247	9.960468	F -.006890	F .0010182
Stddev	.106209	.0036723	.0120889	.065199	.003753	.0013865
%RSD	1.118740	.6896792	1.247018	.6545737	54.47689	136.1707

#1	9.383503	.5327011	.9685749	10.03410	-.005406	.0012011
#2	9.595431	.5286884	.9819161	9.93725	-.004105	.0023041
#3	9.501957	.5360223	.9577832	9.91006	-.011158	-.000451

Sample Name: ICV003 Acquired: 08/29/2023 12:46:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0005270	F -.004434	F .0030012	F -.000749	F -.000417	F .0027085
Stddev	.0002363	.006323	.0021274	.000692	.000842	.0008791
%RSD	44.84260	142.6041	70.88447	92.38499	202.1068	32.45936

#1	.0002545	-.010759	.0052915	.000049	-.000647	.0036635
#2	.0006757	.001886	.0026253	-.001187	-.001120	.0019329
#3	.0006508	-.004428	.0010868	-.001108	.000517	.0025291

Elem	Sr4077
Units	ppm
Avg	F -.009598
Stddev	.000032
%RSD	.3325260

#1	-.009567
#2	-.009631
#3	-.009598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.930	45649.45	6430.790	1252.437	1868.200
Stddev	3.660	170.27	53.198	2.496	1.821
%RSD	.2255160	.3729910	.8272438	.1993283	.0974587

#1	1625.023	45843.35	6375.388	1254.989	1869.494
#2	1618.704	45580.69	6481.470	1250.000	1866.118
#3	1625.063	45524.31	6435.511	1252.324	1868.988

Sample Name: ICB003 Acquired: 08/29/2023 12:50:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004972	-.001087	-.001853	.0044610	.0006442	.0003035	.0000368
Stddev	.0059426	.002091	.002596	.0021001	.0009962	.0063201	.0002629
%RSD	1195.304	192.3233	140.1214	47.07646	154.6328	2082.480	714.2954

#1	-.006185	-.003407	.000829	.0065230	-.000361	.0049836	-.000181
#2	.002488	-.000508	-.002034	.0045350	.000663	-.006886	.000329
#3	.005188	.000653	-.004353	.0023248	.001631	.002813	-.000038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000056	-.003211	-.000073	.0001354	-.000245	.0018822
Stddev	.000105	.000032	.008710	.000349	.0001724	.000290	.0013345
%RSD	146.3351	57.52129	271.2614	481.3034	127.3050	118.1826	70.90215

#1	-.000097	-.000029	.006470	-.000324	-.000027	-.000107	.0015807
#2	-.000162	-.000048	-.005691	-.000221	.000117	-.000578	.0007242
#3	.000044	-.000092	-.010413	.000327	.000316	-.000050	.0033416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000612	.0130491	-.000200	.0005044	-.363532	-.001778	.0028234
Stddev	.0005868	.0103941	.000499	.0007390	.145374	.000422	.0019870
%RSD	957.9596	79.65357	248.9473	146.5232	39.98944	23.75035	70.37644

#1	-.000028	.0200641	.000145	.0013543	-.357103	-.001439	.0050650
#2	.000687	.0179754	-.000772	.0000133	-.221479	-.001644	.0012788
#3	-.000476	.0011078	.000026	.0001455	-.512014	-.002251	.0021264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424505	-.002766	.0077389	-.000064	-.007981	.0007708	.0004527
Stddev	.0356457	.003785	.0007335	.000285	.007246	.0013877	.0014874
%RSD	83.96993	136.8590	9.478614	445.1309	90.79834	180.0428	328.5263

#1	.0682101	.000552	.0082794	-.000231	-.015615	.0023606	.0013613
#2	.0573727	-.006888	.0069039	.000265	-.007131	.0001494	-.001264
#3	.0017688	-.001961	.0080335	-.000227	-.001197	-.000198	.001261

Sample Name: ICB003 Acquired: 08/29/2023 12:50:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000773	.0009872	-.000090
Stddev	.000343	.0011527	.000050
%RSD	44.35533	116.7632	55.75177

#1	-.001106	.0009168	-.000144
#2	-.000793	.0021735	-.000046
#3	-.000421	-.000129	-.000079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.002	45394.26	6320.833	1254.501	1881.644
Stddev	3.035	155.28	36.321	3.675	3.064
%RSD	.1867953	.3420804	.5746305	.2929702	.1628595

#1	1624.860	45544.59	6282.920	1251.172	1878.636
#2	1622.040	45234.46	6324.260	1253.886	1881.533
#3	1628.106	45403.75	6355.320	1258.445	1884.762

Sample Name: ICSA003 Acquired: 08/29/2023 12:54:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002529	-.005843	-.000455	.0126124	.0030050	251.9951
Stddev	.008695	.004553	.002407	.0041685	.0037434	.1699
%RSD	343.8678	77.91961	528.9287	33.05106	124.5723	.0674295

#1	.007421	-.007436	-.003025	.0110083	.0071996	251.9179
#2	-.008664	-.009385	.001747	.0094842	.0000037	252.1899
#3	-.006343	-.000708	-.000088	.0173447	.0018118	251.8774

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065880	.0011569	.0036360	251.9629	.0428337	-.001789
Stddev	.0005288	.0000556	.0000511	.8230	.0008996	.000291
%RSD	8.026604	4.806522	1.405692	.3266498	2.100092	16.26210

#1	.0060005	.0011403	.0036616	251.2887	.0431952	-.001688
#2	.0067374	.0012188	.0035771	252.8801	.0418096	-.002117
#3	.0070259	.0011114	.0036692	251.7199	.0434963	-.001562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011009	102.9466	.0132256	240.2485	.0007724	.0070560
Stddev	.000938	.1441	.0005656	.7156	.0009119	.0005805
%RSD	8.518622	.1399722	4.276457	.2978632	118.0669	8.227179

#1	-.011476	102.7980	.0128898	239.4639	-.000248	.0068188
#2	-.009929	103.0858	.0129085	240.8654	.001058	.0066317
#3	-.011621	102.9561	.0138786	240.4161	.001507	.0077176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077502	.0009034	-.026731	-.101089	.0010861	F -.106321
Stddev	.210618	.0022419	.000752	.023834	.0063184	.001532
%RSD	271.7589	248.1590	2.814049	23.57760	581.7721	1.440850

#1	-.091052	-.000520	-.027149	-.075201	.0028542	-.107171
#2	.139564	.003488	-.025863	-.105944	-.005928	-.107239
#3	-.281017	-.000258	-.027181	-.122122	.006332	-.104552

Sample Name: ICSA003 Acquired: 08/29/2023 12:54:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.001563	-0.004568	-0.005466	-0.005263	-0.001547	.0030894
Stddev	.001213	.018277	.000733	.002415	.000483	.0025894
%RSD	77.62107	400.1116	13.41271	45.89293	31.19048	83.81457

#1	-0.001949	-0.002651	-0.005189	-0.003076	-0.002034	.0033348
#2	-0.000204	-0.023728	-0.006298	-0.007855	-0.001069	.0003861
#3	-0.002536	.012675	-0.004913	-0.004858	-0.001537	.0055474

Elem	Sr4077
Units	ppm
Avg	.0057305
Stddev	.0002367
%RSD	4.131276

#1	.0058243
#2	.0054612
#3	.0059059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.958	41977.80	6166.276	1139.061	1609.788
Stddev	2.966	121.63	8.187	3.264	.938
%RSD	.1971149	.2897408	.1327730	.2865724	.0582550

#1	1507.946	42108.28	6165.342	1142.822	1610.829
#2	1502.013	41867.56	6158.596	1137.405	1609.525
#3	1504.916	41957.55	6174.890	1136.957	1609.009

Sample Name: ICSAB003 Acquired: 08/29/2023 13:06:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018051	.1029068	.0527591	.0604089	.5853595	242.9942
Stddev	.0052116	.0027246	.0043742	.0073960	.0020793	.2660
%RSD	5.119156	2.647632	8.290907	12.24324	.3552119	.1094872

#1	.0962816	.1043950	.0556154	.0680766	.5869724	243.1399
#2	.1066353	.1045632	.0477234	.0533184	.5860934	242.6871
#3	.1024984	.0997622	.0549386	.0598317	.5830129	243.1555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5290693	.5089828	.9934944	242.9429	.5573395	.4879532
Stddev	.0009010	.0011186	.0021428	.4692	.0028997	.0005533
%RSD	.1703047	.2197675	.2156809	.1931389	.5202714	.1133811

#1	.5300823	.5077464	.9912444	243.3637	.5606266	.4874933
#2	.5283574	.5099245	.9955108	242.4369	.5562479	.4877992
#3	.5287680	.5092776	.9937281	243.0281	.5551441	.4885672

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4848119	99.86644	.5280599	231.7447	.9828168	.2089988
Stddev	.0015497	.22212	.0008191	.3558	.0006741	.0006486
%RSD	.3196539	.2224190	.1551171	.1535222	.0685876	.3103145

#1	.4865284	99.88013	.5275611	231.5863	.9823189	.2096589
#2	.4835158	99.63779	.5290052	231.4957	.9835839	.2083624
#3	.4843914	100.0814	.5276133	232.1522	.9825476	.2089752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074999	.4999608	.9435583	-.052843	-.006188	F -.105112
Stddev	.096525	.0020347	.0063522	.009371	.006411	.002182
%RSD	128.7012	.4069695	.6732169	17.73396	103.6201	2.075477

#1	-.066056	.5020911	.9377784	-.050943	-.010062	-.103890
#2	-.175684	.4980376	.9425374	-.063019	-.009714	-.107631
#3	.016743	.4997536	.9503591	-.044568	.001213	-.103816

Sample Name: ICSAB003 Acquired: 08/29/2023 13:06:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.001093	-0.004503	-0.003935	F -0.008987	-0.002894	.0020418
Stddev	.000902	.008885	.001455	.001768	.000696	.0005765
%RSD	82.49036	197.2946	36.99220	19.67621	24.03749	28.23420

#1	-0.000488	.005605	-0.003235	-0.010125	-0.002914	.0017034
#2	-0.000662	-0.008040	-0.002961	-0.009888	-0.002189	.0027075
#3	-0.002129	-0.011075	-0.005608	-0.006950	-0.003580	.0017147

Elem	Sr4077
Units	ppm
Avg	.0060324
Stddev	.0002761
%RSD	4.577460

#1	.0057583
#2	.0063105
#3	.0060286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.304	42167.09	6237.960	1145.064	1620.451
Stddev	5.197	143.88	7.100	5.143	.967
%RSD	.3452707	.3412097	.1138136	.4491789	.0596522

#1	1503.196	42003.56	6231.261	1143.757	1619.447
#2	1511.224	42274.24	6237.216	1150.735	1620.533
#3	1501.492	42223.49	6245.402	1140.700	1621.375

Sample Name: CCV011 Acquired: 08/29/2023 13:10:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
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	4.992547	4.943302	24.93235	4.889694	4.974289	407.8363	10.58830
Stddev	.016703	.013202	.09503	.010150	.003725	.5307	.01254
%RSD	.3345580	.2670770	.3811631	.2075826	.0748885	.1301374	.1184591

#1	5.008380	4.928715	24.89565	4.899638	4.970141	407.3845	10.58684
#2	4.975092	4.946758	24.86113	4.890096	4.975377	407.7036	10.60151
#3	4.994168	4.954433	25.04026	4.879349	4.977349	408.4208	10.57656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064948	2.490123	406.3487	15.34571	2.520971	15.44558	411.2284
Stddev	.0009077	.008416	.5905	.01815	.008547	.03863	1.0619
%RSD	.1792153	.3379604	.1453232	.1182605	.3390383	.2501128	.2582381

#1	.5054468	2.489416	405.6861	15.34745	2.518815	15.43098	410.0027
#2	.5070039	2.482084	406.5406	15.32675	2.513708	15.41638	411.8113
#3	.5070336	2.498870	406.8195	15.36292	2.530389	15.48939	411.8712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26089	402.5345	2.505373	1.325282	401.2543	2.536153	15.25977
Stddev	.05744	1.2983	.006642	.003071	.4392	.011919	.09843
%RSD	.3763544	.3225407	.2651024	.2316943	.1094670	.4699677	.6450401

#1	15.20334	401.0364	2.503694	1.325196	401.5484	2.542610	15.15819
#2	15.26112	403.2346	2.499732	1.328394	400.7494	2.522399	15.26642
#3	15.31821	403.3325	2.512694	1.322254	401.4651	2.543451	15.35471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.6526	5.164762	4.722384	4.854484	5.131265	4.982527	5.010647
Stddev	.3863	.020677	.011883	.012345	.013172	.014139	.015346
%RSD	.2481937	.4003503	.2516403	.2542914	.2567093	.2837615	.3062683

#1	155.3355	5.174251	4.712987	4.841696	5.116065	4.990527	5.011922
#2	155.5396	5.141044	4.718423	4.866332	5.139334	4.966202	4.994704
#3	156.0829	5.178992	4.735742	4.855425	5.138397	4.990851	5.025316

Sample Name: CCV011 Acquired: 08/29/2023 13:10:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.084454	5.306918	4.804495
Stddev	.007055	.008633	.044583
%RSD	.1387491	.1626697	.9279418

#1	5.079014	5.297030	4.847669
#2	5.081925	5.312957	4.807190
#3	5.092425	5.310765	4.758626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.216	39757.36	6002.882	1041.194	1429.869
Stddev	.850	97.75	8.716	2.946	3.984
%RSD	.0624220	.2458763	.1452027	.2829472	.2786211

#1	1362.196	39760.15	6002.029	1044.276	1428.977
#2	1360.691	39658.24	5994.623	1040.901	1434.224
#3	1360.761	39853.69	6011.993	1038.406	1426.407

Sample Name: CCB011 Acquired: 08/29/2023 13:14:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
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	.0020871	.0016845	-.002107	-.004328	-.000293	.0032022	.0001504
Stddev	.0028040	.0011272	.001643	.002811	.000937	.0055347	.0000865
%RSD	134.3485	66.91770	77.98599	64.94671	320.1767	172.8415	57.56095

#1	.0030293	.0029756	-.003278	-.006202	-.001266	-.001989	.0002353
#2	-.001067	.0008957	-.002815	-.001096	-.000215	.009026	.0001535
#3	.004299	.0011822	-.000229	-.005684	.000603	.002570	.0000623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	-.000102	-.008041	.0004100	.0002522	.0007357	.0138969
Stddev	.000077	.000099	.008009	.0003368	.0001645	.0024391	.0044707
%RSD	247.7650	97.24755	99.60133	82.14046	65.21351	331.5138	32.17076

#1	.000014	-.000118	-.002729	.0005274	.0003648	.0003857	.0167629
#2	-.000119	-.000191	-.017253	.0000302	.0000635	.0033310	.0161825
#3	.000012	.000004	-.004141	.0006723	.0003285	-.001509	.0087455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003356	-.001570	-.000262	.0003305	-.362291	.0000338	-.001140
Stddev	.0004054	.010992	.000688	.0000869	.059433	.0037143	.009884
%RSD	120.8053	700.2768	262.3220	26.28799	16.40476	10981.97	867.1069

#1	.0007399	-.003178	-.000638	.0002726	-.422255	.0039528	-.009292
#2	-.000071	.010138	-.000681	.0004304	-.303403	-.003435	-.003982
#3	.000338	-.011669	.000532	.0002885	-.361215	-.000417	.009854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706624	-.001197	.0104200	.0006041	-.000877	-.000993	.0001330
Stddev	.0089609	.000585	.0011808	.0005373	.006622	.000934	.0020259
%RSD	12.68130	48.86658	11.33229	88.93921	755.4668	93.99755	1523.592

#1	.0615401	-.000563	.0100739	.0010641	-.005147	-.001751	.0022821
#2	.0794527	-.001310	.0117351	.0007347	.006752	.000050	-.001742
#3	.0709945	-.001716	.0094508	.0000136	-.004234	-.001279	-.000141

Sample Name: CCB011 Acquired: 08/29/2023 13:14:50 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005776	.0027004	-.000029
Stddev	.0005025	.0011451	.000053
%RSD	87.00793	42.40387	182.2146

#1	.0000005	.0028896	.000029
#2	.0009191	.0037391	-.000074
#3	.0008131	.0014725	-.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.469	45218.90	6387.467	1243.474	1883.638
Stddev	5.971	58.53	81.619	3.718	4.453
%RSD	.3680278	.1294264	1.277806	.2990267	.2364040

#1	1617.241	45233.40	6358.630	1243.769	1885.105
#2	1628.976	45268.82	6324.180	1239.617	1887.172
#3	1621.190	45154.49	6479.590	1247.036	1878.636

Sample Name: O4084-02DLX2 Acquired: 08/29/2023 13:19:01 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949895	-.013679	F 261.5896	-.015184	.0192635	11.73617
Stddev	.0087478	.009729	.1962	.003077	.0032232	.02384
%RSD	4.486296	71.12428	.0750066	20.26482	16.73199	.2031557

#1	.2019655	-.015289	261.4219	-.016084	.0155764	11.70902
#2	.1851749	-.003245	261.5416	-.017711	.0215460	11.75367
#3	.1978282	-.022502	261.8054	-.011757	.0206681	11.74583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2342139	.0092433	.0266052	F 1008.529	.0221068	2.141002
Stddev	.0004307	.0001133	.0003048	8.582	.0002299	.005004
%RSD	.1839073	1.225844	1.145597	.8508964	1.040056	.2337074

#1	.2340338	.0093469	.0267904	1000.796	.0218750	2.135416
#2	.2347055	.0091223	.0262534	1007.030	.0223348	2.142519
#3	.2339026	.0092607	.0267716	1017.762	.0221106	2.145072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.684506	313.1110	F 34.39466	446.4127	2.739511	.0403982
Stddev	.014252	.8267	.13598	1.0668	.004237	.0002537
%RSD	.3042455	.2640237	.3953493	.2389653	.1546650	.6280124

#1	4.668065	312.1657	34.25768	445.1820	2.735343	.0401053
#2	4.693370	313.6985	34.39669	446.9814	2.743814	.0405434
#3	4.692082	313.4687	34.52962	447.0745	2.739378	.0405460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.939510	.0349884	2.741037	2.939321	9.574026	-.303805
Stddev	.145306	.0038083	.048154	.083242	.046051	.002691
%RSD	4.943205	10.88451	1.756778	2.832026	.4810021	.8859226

#1	2.979073	.0348282	2.712125	3.008440	9.524464	-.300734
#2	2.778520	.0388743	2.796625	2.962607	9.582122	-.305751
#3	3.060938	.0312627	2.714360	2.846915	9.615493	-.304930

Sample Name: O4084-02DLX2 Acquired: 08/29/2023 13:19:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085120	38.27902	5.789986	.0439404	.1612663	.0205400
Stddev	.0007525	.02352	.014755	.0035550	.0009916	.0019117
%RSD	8.840749	.0614363	.2548434	8.090593	.6149061	9.307026
#1	.0087302	38.27243	5.798666	.0401348	.1617488	.0184350
#2	.0076745	38.25950	5.772949	.0471760	.1619243	.0210169
#3	.0091313	38.30513	5.798343	.0445102	.1601257	.0221680

Elem	Sr4077
Units	ppm
Avg	-.035558
Stddev	.000795
%RSD	2.234767
#1	-.034673
#2	-.035790
#3	-.036211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.796	43497.50	6489.381	1155.307	1475.065
Stddev	.412	35.06	12.149	10.902	.591
%RSD	.0272107	.0806120	.1872151	.9436077	.0400890
#1	1513.346	43532.36	6500.020	1162.602	1475.365
#2	1514.155	43462.23	6491.980	1142.775	1475.446
#3	1513.888	43497.91	6476.142	1160.543	1474.384

Sample Name: O4084-03DLX2 Acquired: 08/29/2023 13:23:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2136519	-.010646	F 255.0319	-.019662	.0176065	12.01398
Stddev	.0176947	.000896	.3512	.008494	.0009344	.04001
%RSD	8.282037	8.419643	.1377224	43.19931	5.307372	.3330076

#1	.2184045	-.011257	254.7846	-.023110	.0169206	12.00674
#2	.1940663	-.011064	254.8773	-.025889	.0186708	11.97809
#3	.2284851	-.009617	255.4340	-.009986	.0172280	12.05711

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2120175	.0086696	.0262157	F 1008.245	.0157484	2.331934
Stddev	.0011920	.0000855	.0003036	9.058	.0005664	.004242
%RSD	.5622145	.9859013	1.157971	.8983488	3.596573	.1818883

#1	.2123957	.0087613	.0258846	1007.936	.0155424	2.327844
#2	.2106823	.0086553	.0262816	999.346	.0163889	2.331646
#3	.2129746	.0085922	.0264809	1017.453	.0153137	2.336312

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.026821	308.9480	F 34.90976	446.4049	2.945892	.0409867
Stddev	.015909	2.1106	.24844	3.1010	.004696	.0005964
%RSD	.3164909	.6831527	.7116713	.6946655	.1594088	1.455154

#1	5.033904	309.4297	34.98388	447.0824	2.945458	.0415123
#2	5.008600	306.6383	34.63269	443.0211	2.941428	.0403385
#3	5.037959	310.7762	35.11271	449.1112	2.950790	.0411094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.119410	.0357264	2.534668	2.972156	9.638462	-.303845
Stddev	.189971	.0018639	.007674	.083272	.012424	.004410
%RSD	6.089958	5.217139	.3027554	2.801750	.1289037	1.451278

#1	3.225077	.0378182	2.531551	3.023159	9.647567	-.305566
#2	3.233054	.0351189	2.543410	3.017247	9.643512	-.298834
#3	2.900099	.0342420	2.529043	2.876062	9.624308	-.307134

Sample Name: O4084-03DLX2 Acquired: 08/29/2023 13:23:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093455	36.87131	5.784577	.0631895	.1594092	.0195498
Stddev	.0002521	.10351	.025504	.0023346	.0017536	.0008546
%RSD	2.697582	.2807227	.4408889	3.694582	1.100033	4.371579
#1	.0092998	36.77772	5.780425	.0610148	.1614191	.0191214
#2	.0091193	36.98248	5.761404	.0656565	.1581921	.0189941
#3	.0096173	36.85372	5.811902	.0628971	.1586162	.0205339

Elem	Sr4077
Units	ppm
Avg	-.028658
Stddev	.001955
%RSD	6.821716
#1	-.028926
#2	-.026583
#3	-.030466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.293	43702.11	6550.746	1157.241	1474.010
Stddev	2.810	68.68	44.211	1.404	2.500
%RSD	.1848392	.1571653	.6749026	.1212835	.1696138
#1	1518.834	43624.85	6557.338	1158.613	1472.409
#2	1523.532	43756.26	6591.291	1155.808	1476.891
#3	1518.512	43725.22	6503.609	1157.303	1472.731

Sample Name: O4084-04DLX2 Acquired: 08/29/2023 13:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928551	.0325848	F 118.5335	.0669699	.0692361	10.30099
Stddev	.0073685	.0045520	.2076	.0027288	.0022253	.06072
%RSD	3.820716	13.96966	.1751607	4.074732	3.214131	.5895057

#1	.2008435	.0304218	118.3593	.0699614	.0708764	10.36439
#2	.1863246	.0295177	118.4781	.0663314	.0667030	10.24335
#3	.1913972	.0378151	118.7633	.0646169	.0701290	10.29524

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.170230	.0530878	.0722518	F 1059.330	.1584741	1.875819
Stddev	.019204	.0003553	.0002400	15.661	.0010561	.003880
%RSD	.8848738	.6692878	.3321711	1.478364	.6664182	.2068398

#1	2.185982	.0528091	.0720208	1054.448	.1574218	1.873169
#2	2.148837	.0534879	.0722348	1046.692	.1595340	1.874016
#3	2.175870	.0529665	.0724999	1076.851	.1584666	1.880273

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.233692	303.2845	F 37.87126	472.6545	2.323846	.0421808
Stddev	.010542	.7674	.13361	1.8168	.006978	.0005156
%RSD	.2489945	.2530291	.3527907	.3843801	.3002751	1.222269

#1	4.240457	304.1174	37.98367	474.5877	2.319505	.0427590
#2	4.221546	302.6061	37.72355	470.9823	2.320137	.0417691
#3	4.239073	303.1300	37.90655	472.3936	2.331895	.0420143

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.019584	.4834702	2.462316	2.306074	6.218658	-.309494
Stddev	.202420	.0020914	.021409	.046227	.011411	.002860
%RSD	6.703579	.4325880	.8694776	2.004583	.1834918	.9242470

#1	2.932021	.4841156	2.477796	2.359021	6.231416	-.308290
#2	3.251045	.4851630	2.437883	2.285469	6.215131	-.307432
#3	2.875687	.4811322	2.471268	2.273733	6.209427	-.312759

Sample Name: O4084-04DLX2 Acquired: 08/29/2023 13:27:17 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF3S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058720	21.14315	4.858309	.0233221	.1082283	.0180169
Stddev	.0002970	.03061	.018241	.0005289	.0005839	.0008320
%RSD	5.058263	.1447674	.3754525	2.267936	.5395398	4.617707

#1	.0059182	21.17764	4.865176	.0232897	.1079095	.0183759
#2	.0061432	21.11920	4.872120	.0228102	.1078733	.0186091
#3	.0055546	21.13262	4.837632	.0238665	.1089023	.0170657

Elem	Sr4077
Units	ppm
Avg	-.028917
Stddev	.001279
%RSD	4.423353

#1	-.030394
#2	-.028180
#3	-.028178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.046	43203.80	6442.510	1146.716	1465.438
Stddev	4.120	203.77	12.662	9.884	1.746
%RSD	.2752170	.4716549	.1965368	.8619393	.1191460

#1	1492.767	43348.44	6445.900	1143.876	1465.341
#2	1497.385	43292.21	6453.132	1157.708	1467.229
#3	1500.987	42970.76	6428.499	1138.562	1463.742

Sample Name: O4084-02LDLX10 Acquired: 08/29/2023 13:31:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401204	-.002864	48.06063	.0003703	.0024362	2.276114	.0431211
Stddev	.0030437	.004790	.05090	.0026303	.0007982	.016804	.0005155
%RSD	7.586299	167.2479	.1059178	710.2485	32.76201	.7382962	1.195388

#1	.0366324	-.008187	48.04856	.0020223	.0023127	2.260095	.0434240
#2	.0422371	.001101	48.01685	.0017515	.0017071	2.293607	.0425259
#3	.0414918	-.001507	48.11649	-.002663	.0032890	2.274641	.0434133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017917	.0048370	201.8310	.0047230	.4142633	.9740392	64.42042
Stddev	.0001185	.0000289	1.1962	.0001891	.0002750	.0029730	.27707
%RSD	6.611350	.5969374	.5926876	4.004292	.0663923	.3052282	.4301022

#1	.0016696	.0048668	201.3095	.0046470	.4144505	.9724655	64.17873
#2	.0017993	.0048351	200.9839	.0045837	.4139475	.9721838	64.35970
#3	.0019062	.0048091	203.1994	.0049383	.4143919	.9774684	64.72281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.160138	85.19491	.5374792	.0091274	.1775516	.0064089	.5032718
Stddev	.044136	.47060	.0021550	.0004337	.1286444	.0039761	.0043720
%RSD	.6164186	.5523840	.4009376	4.751163	72.45464	62.03976	.8687198

#1	7.145576	84.88271	.5393276	.0091878	.0996348	.0082994	.5060175
#2	7.125123	84.96583	.5351123	.0086667	.1069833	.0018403	.4982301
#3	7.209716	85.73620	.5379977	.0095277	.3260367	.0090870	.5055678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5373263	1.693833	-.062884	.0007049	6.432554	1.164220	.0054139
Stddev	.0515790	.003277	.002604	.0003702	.007603	.002380	.0017168
%RSD	9.599202	.1934512	4.141700	52.51777	.1181912	.2044440	31.71050

#1	.5883323	1.694467	-.064919	.0011256	6.425958	1.166557	.0049299
#2	.4851927	1.690285	-.063785	.0005599	6.430835	1.161799	.0073208
#3	.5384539	1.696746	-.059949	.0004291	6.440869	1.164304	.0039911

Sample Name: O4084-02LDLX10 Acquired: 08/29/2023 13:31:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0316141	.0043909	-.008992
Stddev	.0011320	.0012990	.000330
%RSD	3.580656	29.58491	3.668767

#1	.0307408	.0056054	-.008817
#2	.0312086	.0045462	-.008788
#3	.0328930	.0030212	-.009373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1568.890	44270.45	6435.352	1199.439	1714.472
Stddev	3.472	283.37	32.562	12.394	3.857
%RSD	.2213106	.6400797	.5059885	1.033312	.2249450

#1	1568.279	44504.58	6439.178	1213.300	1711.942
#2	1572.627	44351.32	6465.833	1195.593	1718.911
#3	1565.764	43955.44	6401.046	1189.424	1712.564

Sample Name: O4084-02DL2X20 Acquired: 08/29/2023 13:35:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253928	-.002085	25.08686	-.003055	.0043061	1.173422	.0242388
Stddev	.0002952	.003387	.05857	.007833	.0010359	.009047	.0002832
%RSD	1.162628	162.4836	.2334717	256.4220	24.05593	.7709736	1.168187

#1	.0253942	-.005074	25.02229	-.009550	.0035118	1.180489	.0245313
#2	.0256873	-.002776	25.10175	.005644	.0054777	1.176550	.0242190
#3	.0250969	.001595	25.13655	-.005257	.0039287	1.163226	.0239660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009211	.0024895	106.2591	.0031564	.2048564	.4950335	34.25439
Stddev	.0000253	.0000560	.3762	.0005066	.0002262	.0024400	.02790
%RSD	2.744082	2.247789	.3540864	16.04887	.1103996	.4928902	.0814577

#1	.0009018	.0024842	106.2514	.0036019	.2045976	.4969055	34.28592
#2	.0009497	.0025479	106.6392	.0026054	.2050158	.4959210	34.24436
#3	.0009118	.0024363	105.8868	.0032619	.2049559	.4922740	34.23289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.795905	44.37163	.2695089	.0049519	-.023760	.0036203	.2816654
Stddev	.010222	.11054	.0031310	.0003785	.037348	.0007335	.0043051
%RSD	.2692963	.2491180	1.161726	7.642435	157.1917	20.26178	1.528429

#1	3.794184	44.26756	.2669487	.0045619	-.065560	.0029780	.2769617
#2	3.806878	44.35966	.2685783	.0049762	-.012051	.0034632	.2826247
#3	3.786652	44.48766	.2729996	.0053176	.006331	.0044197	.2854100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2686985	.8570312	-.035469	.0003675	3.319585	.6119848	-.000199
Stddev	.0422517	.0036791	.000725	.0004509	.024551	.0048427	.001413
%RSD	15.72456	.4292841	2.044794	122.7030	.7395684	.7913026	710.7419

#1	.2740857	.8541887	-.036274	-.000144	3.292684	.6172894	-.001140
#2	.3079982	.8611867	-.035268	.000708	3.325289	.6108649	.001426
#3	.2240116	.8557183	-.034866	.000538	3.340781	.6078003	-.000882

Sample Name: O4084-02DL2X20 Acquired: 08/29/2023 13:35:32 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0156528	.0036133	-.005406
Stddev	.0010892	.0013130	.000116
%RSD	6.958457	36.33772	2.145967

#1	.0151194	.0041490	-.005290
#2	.0169059	.0045737	-.005406
#3	.0149331	.0021171	-.005523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1595.599	44764.56	6417.437	1217.072	1779.947
Stddev	.731	98.64	45.326	8.614	5.369
%RSD	.0458209	.2203540	.7062963	.7077403	.3016345

#1	1594.757	44869.79	6416.175	1225.922	1786.147
#2	1595.965	44674.20	6372.755	1208.716	1776.833
#3	1596.075	44749.70	6463.381	1216.579	1776.863

Sample Name: O4084-03DL2X20 Acquired: 08/29/2023 13:39:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234353	-.000825	25.01290	.0078703	.0028991	1.254759	.0270015
Stddev	.0089843	.002215	.02926	.0066465	.0033343	.013761	.0004350
%RSD	38.33664	268.5649	.1169802	84.44970	115.0139	1.096707	1.611150

#1	.0174099	-.001935	24.99519	.0009437	.0024576	1.239529	.0267998
#2	.0191344	.001726	25.04668	.0141959	-.000193	1.258450	.0267039
#3	.0337616	-.002266	24.99685	.0084714	.006432	1.266299	.0275007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011390	.0026346	110.6940	.0026594	.2296209	.5500811	35.40964
Stddev	.0000672	.0000920	.5092	.0003512	.0012511	.0036366	.15656
%RSD	5.902728	3.493644	.4599916	13.20678	.5448439	.6611076	.4421256

#1	.0010861	.0027001	110.1103	.0030259	.2291402	.5469550	35.22923
#2	.0011163	.0025294	110.9241	.0026266	.2286816	.5540723	35.50980
#3	.0012147	.0026743	111.0474	.0023258	.2310411	.5492162	35.48989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.009973	46.39514	.2982835	.0055173	-.041382	.0057678	.2654512
Stddev	.019251	.19264	.0008560	.0002894	.251100	.0012817	.0092667
%RSD	.4800787	.4152081	.2869705	5.245951	606.7833	22.22110	3.490915

#1	3.987762	46.17990	.2982578	.0052308	.246718	.0062299	.2579991
#2	4.020316	46.45416	.2991520	.0058095	-.213714	.0043191	.2625273
#3	4.021843	46.55136	.2974406	.0055115	-.157151	.0067542	.2758271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3113473	.8859712	-.035866	-.000051	3.260784	.6326721	.0023532
Stddev	.0426614	.0002110	.000775	.000165	.011522	.0022295	.0012686
%RSD	13.70218	.0238124	2.160011	322.2281	.3533470	.3523952	53.91018

#1	.2706965	.8858775	-.036759	-.000193	3.264924	.6317632	.0009395
#2	.3557689	.8862128	-.035372	-.000091	3.269663	.6310406	.0027279
#3	.3075766	.8858233	-.035466	.000130	3.247764	.6352125	.0033923

Sample Name: O4084-03DL2X20 Acquired: 08/29/2023 13:39:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0172781	.0046250	-.005299
Stddev	.0014816	.0009156	.000122
%RSD	8.575167	19.79705	2.294122

#1	.0155684	.0035679	-.005178
#2	.0180798	.0051693	-.005422
#3	.0181861	.0051378	-.005297

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.116	44688.50	6440.982	1214.674	1779.046
Stddev	2.415	205.50	21.935	.820	3.251
%RSD	.1513155	.4598508	.3405550	.0675260	.1827190

#1	1598.865	44460.61	6465.937	1215.609	1782.391
#2	1594.333	44859.72	6432.260	1214.332	1775.899
#3	1595.152	44745.17	6424.750	1214.079	1778.849

Sample Name: O4084-04DL2X20 Acquired: 08/29/2023 13:43:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277393	.0000178	11.72756	.0075202	.0081568	1.055865	.2235730
Stddev	.0062884	.0019649	.01861	.0005819	.0032602	.006963	.0010365
%RSD	22.66970	11037.41	.1587217	7.737464	39.96869	.6594139	.4636090

#1	.0345822	-.001045	11.72362	.0080526	.0046355	1.050967	.2243081
#2	.0264214	.002285	11.71123	.0076090	.0087644	1.063835	.2223874
#3	.0222142	-.001187	11.74783	.0068991	.0110704	1.052793	.2240233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055715	.0068936	113.1732	.0174825	.1811294	.4543875	33.77634
Stddev	.0001118	.0001165	.2063	.0003618	.0004112	.0017808	.07945
%RSD	2.006844	1.689741	.1823280	2.069665	.2270164	.3919047	.2352339

#1	.0057006	.0067805	113.3773	.0175248	.1815731	.4564137	33.83590
#2	.0055046	.0068870	112.9647	.0171014	.1807612	.4536774	33.68613
#3	.0055093	.0070132	113.1776	.0178214	.1810539	.4530712	33.80700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.226505	47.64894	.2333153	.0052345	.1554142	.0478168	.2559202
Stddev	.001891	.12548	.0007393	.0002896	.0571044	.0022984	.0063303
%RSD	.0447459	.2633340	.3168776	5.532087	36.74337	4.806612	2.473546

#1	4.224693	47.55260	.2331925	.0051421	.1562933	.0504249	.2595208
#2	4.226355	47.79083	.2341084	.0050024	.2120741	.0469377	.2596290
#3	4.228467	47.60340	.2326451	.0055590	.0978754	.0460877	.2486109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2103917	.5653506	-.036528	-.000307	1.880408	.5183414	-.000572
Stddev	.0377525	.0012392	.000473	.000510	.015898	.0023077	.000411
%RSD	17.94390	.2191918	1.293574	166.1532	.8454389	.4452075	71.81498

#1	.2039035	.5653102	-.037019	.000221	1.863576	.5199951	-.000497
#2	.2509677	.5641321	-.036490	-.000345	1.882479	.5157050	-.000204
#3	.1763038	.5666095	-.036076	-.000796	1.895169	.5193240	-.001015

Sample Name: O4084-04DL2X20 Acquired: 08/29/2023 13:43:46 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109492	.0037688	-.005062
Stddev	.0010006	.0018985	.000184
%RSD	9.138849	50.37341	3.643748

#1	.0118939	.0057339	-.005260
#2	.0110529	.0019449	-.005028
#3	.0099007	.0036275	-.004896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.002	44412.68	6367.940	1207.509	1774.470
Stddev	.487	108.93	9.184	10.737	.672
%RSD	.0305894	.2452686	.1442257	.8891870	.0378850

#1	1591.472	44393.31	6363.937	1203.621	1774.269
#2	1591.034	44314.74	6361.436	1199.258	1775.220
#3	1590.500	44530.00	6378.446	1219.649	1773.921

Sample Name: O4084-02LDL2X100 Acquired: 08/29/2023 13:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021231	-.000007	4.807892	.0009696	-.001129	.2444371	.0049626
Stddev	.0021684	.004993	.003385	.0060561	.003541	.0069144	.0005587
%RSD	102.1351	72663.34	.0704111	624.6266	313.5980	2.828720	11.25789

#1	.0031067	.003512	4.807012	-.000451	.002805	.2511831	.0046799
#2	-.000363	-.005721	4.805033	.007610	-.002130	.2373657	.0046018
#3	.003625	.002189	4.811630	-.004250	-.004062	.2447625	.0056061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002397	.0003413	21.39552	.0004047	.0407220	.1040169	6.907275
Stddev	.0000322	.0001396	.09809	.0005363	.0002090	.0037282	.029102
%RSD	13.43160	40.90147	.4584374	132.5094	.5133108	3.584269	.4213293

#1	.0002032	.0004481	21.28316	.0003053	.0405566	.0999301	6.923447
#2	.0002521	.0001833	21.43937	-.000075	.0406525	.1048884	6.873679
#3	.0002639	.0003925	21.46403	.000984	.0409569	.1072323	6.924700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7772702	8.816662	.0554069	.0017730	-.309109	.0003300	.0548316
Stddev	.0063993	.034665	.0007853	.0001053	.118731	.0032333	.0013568
%RSD	.8233017	.3931770	1.417348	5.939068	38.41059	979.6530	2.474527

#1	.7731411	8.787820	.0563098	.0017570	-.389726	-.003041	.0535135
#2	.7740279	8.807046	.0548822	.0016766	-.364834	.003406	.0562241
#3	.7846417	8.855120	.0550288	.0018854	-.172766	.000625	.0547573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431583	.1630746	-.009044	-.000312	.6187425	.1227233	-.000183
Stddev	.0097965	.0072176	.000611	.000223	.0034348	.0021679	.001774
%RSD	22.69904	4.425956	6.760457	71.46283	.5551267	1.766515	968.7917

#1	.0348584	.1691591	-.008430	-.000198	.6161269	.1203322	-.001920
#2	.0406522	.1649647	-.009653	-.000569	.6226323	.1232770	.001626
#3	.0539645	.1551000	-.009050	-.000169	.6174683	.1245606	-.000255

Sample Name: O4084-02LDL2X100 Acquired: 08/29/2023 13:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0042705	.0023910	-.001174
Stddev	.0007225	.0005748	.000092
%RSD	16.91753	24.03849	7.842458

#1	.0048184	.0026105	-.001211
#2	.0045414	.0028236	-.001069
#3	.0034517	.0017388	-.001242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.642	45682.31	6438.130	1250.075	1864.198
Stddev	.587	74.62	24.386	1.111	1.947
%RSD	.0360219	.1633493	.3787734	.0888436	.1044338

#1	1628.976	45650.80	6460.010	1248.853	1862.185
#2	1630.086	45767.52	6442.540	1250.349	1864.338
#3	1629.863	45628.62	6411.840	1251.023	1866.071

Sample Name: O4083-17DLX2 Acquired: 08/29/2023 13:51:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1389498	-.014708	F 147.2484	-.022804	.0239904	12.25706
Stddev	.0086327	.002170	.2982	.008156	.0039759	.01853
%RSD	6.212816	14.75698	.2024833	35.76712	16.57276	.1511408

#1	.1434207	-.016642	146.9778	-.027426	.0256636	12.27299
#2	.1444301	-.012360	147.1995	-.027599	.0268563	12.23673
#3	.1289987	-.015121	147.5680	-.013386	.0194514	12.26145

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1719166	.0073810	.0379090	F 1381.654	-.017871	3.010590
Stddev	.0012932	.0001230	.0001278	7.702	.000616	.007854
%RSD	.7522353	1.666857	.3370194	.5574539	3.444160	.2608940

#1	.1731212	.0073716	.0378879	1389.396	-.018512	3.002802
#2	.1705500	.0072629	.0380460	1373.993	-.017284	3.010460
#3	.1720786	.0075084	.0377931	1381.574	-.017817	3.018509

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.704288	322.3740	F 41.51606	671.5065	2.602060	.0393649
Stddev	.020949	.7464	.16953	.9819	.008031	.0009245
%RSD	.2719087	.2315415	.4083575	.1462276	.3086481	2.348558

#1	7.719645	323.1154	41.69866	672.4621	2.594409	.0402689
#2	7.680424	322.3838	41.36364	671.5574	2.601349	.0394047
#3	7.712796	321.6227	41.48587	670.5002	2.610424	.0384212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.379528	.0366479	2.505377	2.564900	2.471162	-.342246
Stddev	.143777	.0022253	.026139	.040578	.009860	.005496
%RSD	4.254343	6.072156	1.043328	1.582045	.3990011	1.605745

#1	3.331288	.0385262	2.520307	2.598267	2.475301	-.347395
#2	3.266075	.0341902	2.520631	2.576704	2.459907	-.342885
#3	3.541222	.0372273	2.475195	2.519729	2.478277	-.336460

Sample Name: O4083-17DLX2 Acquired: 08/29/2023 13:51:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEE7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124952	18.67222	3.879416	.0142134	.1772471	.0254421
Stddev	.0004106	.05060	.015939	.0032218	.0021818	.0002995
%RSD	3.286141	.2709784	.4108590	22.66750	1.230907	1.177117

#1	.0122965	18.61883	3.879515	.0123746	.1764056	.0256664
#2	.0129674	18.71946	3.863428	.0179336	.1756114	.0255580
#3	.0122218	18.67837	3.895305	.0123321	.1797243	.0251020

Elem	Sr4077
Units	ppm
Avg	-.035341
Stddev	.000997
%RSD	2.820701

#1	-.036407
#2	-.034431
#3	-.035186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.770	43819.85	6674.258	1160.199	1400.594
Stddev	2.654	20.62	7.193	7.173	2.340
%RSD	.1741456	.0470636	.1077760	.6182145	.1670858

#1	1526.676	43796.06	6672.881	1154.623	1402.893
#2	1521.477	43832.67	6682.041	1157.684	1400.673
#3	1523.155	43830.81	6667.854	1168.290	1398.215

Sample Name: O4083-17DL2X10 Acquired: 08/29/2023 13:56:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263405	-.000589	28.09348	.0066739	.0032725	2.467529	.0349820
Stddev	.0103220	.004232	.08225	.0074809	.0015393	.005962	.0004653
%RSD	39.18678	718.6957	.2927789	112.0919	47.03619	.2416196	1.330074

#1	.0355939	.002848	28.14143	.0152272	.0017317	2.460660	.0354348
#2	.0152081	-.005316	27.99851	.0013510	.0032755	2.470559	.0350060
#3	.0282194	.000701	28.14051	.0034436	.0048102	2.471367	.0345052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016188	.0069053	299.8043	-.003477	.5741073	1.609386	70.92632
Stddev	.0000745	.0001821	1.1587	.000803	.0018940	.008798	.16516
%RSD	4.603353	2.636583	.3864957	23.10138	.3298963	.5466639	.2328605

#1	.0016509	.0071037	299.1904	-.004386	.5756479	1.610602	70.86173
#2	.0016720	.0068664	301.1408	-.002865	.5719928	1.617512	71.11401
#3	.0015336	.0067458	299.0817	-.003178	.5746813	1.600043	70.80321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.170126	136.0262	.5068962	.0095849	.3856109	.0062294	.4988166
Stddev	.036633	.6539	.0011857	.0001683	.0508163	.0013662	.0112837
%RSD	.3994821	.4806881	.2339065	1.755591	13.17814	21.93103	2.262101

#1	9.163923	135.6030	.5082347	.0095835	.3283936	.0046679	.4863924
#2	9.209464	136.7793	.5064763	.0097538	.4029530	.0068161	.5016297
#3	9.136990	135.6964	.5059777	.0094173	.4254861	.0072043	.5084276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4975198	.4317553	-.075646	.0000648	3.248562	.8247747	-.005989
Stddev	.0957352	.0009900	.001628	.0005932	.010124	.0115371	.000325
%RSD	19.24249	.2293042	2.151502	914.8457	.3116460	1.398814	5.427186

#1	.4582446	.4310103	-.076336	-.000374	3.246216	.8257255	-.005652
#2	.6066466	.4328787	-.076816	.000740	3.259652	.8358069	-.006301
#3	.4276681	.4313769	-.073788	-.000171	3.239816	.8127916	-.006014

Sample Name: O4083-17DL2X10 Acquired: 08/29/2023 13:56:03 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEE7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0378422	.0060022	-.011114
Stddev	.0002392	.0008586	.000102
%RSD	.6320737	14.30501	.9174145

#1	.0377472	.0051328	-.010996
#2	.0376652	.0068496	-.011181
#3	.0381143	.0060242	-.011163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.465	43780.88	6389.354	1187.152	1657.769
Stddev	2.094	252.79	44.437	7.627	5.015
%RSD	.1345508	.5774073	.6954811	.6424530	.3025170

#1	1554.618	43560.84	6361.938	1183.300	1652.596
#2	1558.740	44057.01	6365.500	1195.937	1662.609
#3	1556.037	43724.79	6440.624	1182.219	1658.101

Sample Name: O4083-20DLX4 Acquired: 08/29/2023 14:00:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1085217	-.005760	F 97.16678	-.007669	.0099528	F 8.921182
Stddev	.0027005	.000169	.28312	.008216	.0060358	.009881
%RSD	2.488425	2.932959	.2913784	107.1327	60.64391	.1107533

#1	.1110623	-.005745	97.12105	-.008530	.0149845	8.928173
#2	.1088171	-.005599	96.90929	-.015420	.0032606	8.909878
#3	.1056857	-.005935	97.46997	.000944	.0116134	8.925496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365157	.0044643	F .0138044	F 460.6561	-.001889	F 1.093233
Stddev	.0006938	.0000338	.0001503	1.3313	.000494	.003267
%RSD	.5082297	.7564194	1.088749	.2890109	26.12169	.2988243

#1	.1368058	.0045026	.0137336	462.1020	-.001994	1.093283
#2	.1357239	.0044388	.0137025	459.4809	-.002322	1.089941
#3	.1370174	.0044516	.0139770	460.3855	-.001352	1.096474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.275339	F 151.9178	F 16.54892	F 198.6987	F 1.473337	F .0213105
Stddev	.004520	.4517	.06547	.6838	.006814	.0003270
%RSD	.1986309	.2973269	.3956004	.3441482	.4625139	1.534534

#1	2.278163	152.4006	16.62406	199.2965	1.474578	.0216813
#2	2.270126	151.8472	16.50415	197.9530	1.465987	.0210633
#3	2.277728	151.5055	16.51856	198.8467	1.479445	.0211869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.488712	.0207190	F 2.995591	1.686382	F 4.269064	F -.148559
Stddev	.111810	.0030544	.031079	.054901	.032093	.001366
%RSD	7.510530	14.74181	1.037494	3.255544	.7517639	.9197275

#1	1.360344	.0203556	2.991805	1.712038	4.298580	-.148003
#2	1.540951	.0239388	3.028390	1.723757	4.234900	-.150115
#3	1.564842	.0178626	2.966579	1.623350	4.273713	-.147558

Sample Name: O4083-20DLX4 Acquired: 08/29/2023 14:00:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0164758	F 12.10440	F 2.513710	.0035422	F .1122335	.0136017
Stddev	.0001160	.04541	.008364	.0029434	.0019638	.0007951
%RSD	.7041348	.3751266	.3327195	83.09524	1.749768	5.845675
#1	.0163737	12.09458	2.505296	.0063843	.1101563	.0139973
#2	.0166019	12.06471	2.513810	.0037352	.1140598	.0141214
#3	.0164516	12.15391	2.522023	.0005070	.1124844	.0126864

Elem	Sr4077
Units	ppm
Avg	-.014964
Stddev	.000456
%RSD	3.050164
#1	-.015376
#2	-.015043
#3	-.014473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.246	43768.97	6419.695	1174.565	1603.372
Stddev	5.578	115.49	11.363	8.875	6.445
%RSD	.3609483	.2638514	.1769977	.7555646	.4019379
#1	1549.001	43636.47	6407.127	1167.067	1602.828
#2	1547.901	43822.19	6429.242	1172.266	1610.071
#3	1538.837	43848.26	6422.715	1184.363	1597.216

Sample Name: O4083-21DLX2 Acquired: 08/29/2023 14:04:03 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2943541	-.020226	F 73.83860	-.017127	.0167196	9.570262
Stddev	.0105297	.001037	.11253	.011042	.0007798	.051737
%RSD	3.577240	5.125125	.1524005	64.46945	4.664005	.5405999

#1	.2851926	-.021333	73.80497	-.026841	.0162672	9.530221
#2	.2920119	-.020066	73.74671	-.005119	.0176201	9.628678
#3	.3058577	-.019278	73.96411	-.019421	.0162716	9.551886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007934	.0079675	.0326055	F 1273.525	-.032791	2.767780
Stddev	.0005789	.0001436	.0000972	4.170	.000571	.003137
%RSD	.5743729	1.801925	.2981960	.3274679	1.741083	.1133466

#1	.1008792	.0078504	.0324993	1274.317	-.032748	2.766089
#2	.1013247	.0079244	.0326902	1277.243	-.033382	2.765852
#3	.1001764	.0081277	.0326272	1269.016	-.032243	2.771400

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.120085	352.1470	F 46.30013	583.1901	2.814590	.0399437
Stddev	.022106	1.0157	.17927	.8964	.002624	.0003618
%RSD	.4317448	.2884220	.3872017	.1537052	.0932258	.9058563

#1	5.114082	351.0153	46.24669	582.2948	2.816311	.0396586
#2	5.144572	352.9792	46.50004	584.0876	2.811570	.0403507
#3	5.101601	352.4466	46.15365	583.1880	2.815889	.0398216

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.546528	.0093676	4.163215	2.898414	3.278230	-.361372
Stddev	.057596	.0028809	.043976	.035651	.022090	.001325
%RSD	1.624018	30.75443	1.056308	1.230004	.6738292	.3667014

#1	3.497671	.0120985	4.209494	2.903884	3.252789	-.361291
#2	3.531880	.0063570	4.121976	2.860344	3.289361	-.362735
#3	3.610034	.0096473	4.158174	2.931013	3.292540	-.360089

Sample Name: O4083-21DLX2 Acquired: 08/29/2023 14:04:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040853	36.92332	3.292369	-.001671	.1282801	.0221569
Stddev	.0005027	.11270	.001365	.002264	.0004971	.0021737
%RSD	12.30417	.3052150	.0414616	135.4503	.3874889	9.810374
#1	.0043727	36.84971	3.291289	-.004137	.1282872	.0232118
#2	.0035049	36.86720	3.291915	.000314	.1277795	.0236018
#3	.0043783	37.05306	3.293903	-.001191	.1287736	.0196571

Elem	Sr4077
Units	ppm
Avg	-.023991
Stddev	.000471
%RSD	1.963318
#1	-.023889
#2	-.024505
#3	-.023580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.386	43073.87	6609.395	1139.684	1414.265
Stddev	.702	122.76	22.169	6.763	1.723
%RSD	.0468092	.2849921	.3354220	.5934001	.1218249
#1	1498.721	42985.09	6614.963	1131.907	1412.318
#2	1500.120	43022.56	6584.972	1144.185	1414.887
#3	1499.317	43213.95	6628.249	1142.961	1415.591

Sample Name: O4084-07DLX2 Acquired: 08/29/2023 14:08:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GCEF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4083603	.0014876	44.02124	.0014607	.0045544	6.126236	.1403029
Stddev	.0086850	.0025342	.09488	.0035914	.0014808	.020298	.0009136
%RSD	2.126789	170.3522	.2155273	245.8661	32.51285	.3313370	.6511852

#1	.3985800	.0042269	43.93361	-.000554	.0028809	6.105805	.1397845
#2	.4113300	-.000773	44.00811	-.000671	.0056948	6.146400	.1413578
#3	.4151708	.001009	44.12200	.005607	.0050875	6.126501	.1397664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022288	.0476921	176.5049	.0180221	1.216172	1.439376	83.76812
Stddev	.0001155	.0001102	.8215	.0002073	.003019	.003045	.44272
%RSD	5.183707	.2311278	.4654434	1.150194	.2482262	.2115332	.5285123

#1	.0021408	.0478176	176.4362	.0178151	1.213542	1.436135	83.53642
#2	.0023597	.0476109	177.3587	.0182297	1.215507	1.442176	84.27861
#3	.0021861	.0476478	175.7200	.0180213	1.219468	1.439818	83.48933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.448432	75.97252	3.093856	.0172547	1.507274	.0204142	28.61129
Stddev	.043389	.42324	.009835	.0002374	.072878	.0014761	.09693
%RSD	.5825208	.5570953	.3178848	1.375899	4.835071	7.230794	.3387827

#1	7.453709	75.73080	3.089153	.0170807	1.449444	.0199405	28.71634
#2	7.488941	76.46122	3.087256	.0175252	1.589132	.0220690	28.52532
#3	7.402646	75.72554	3.105160	.0171583	1.483246	.0192331	28.59220

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.265183	2.877854	-.086028	.0172711	20.70468	3.594426	-.006679
Stddev	.078002	.011785	.000983	.0002087	.08119	.027187	.000993
%RSD	6.165253	.4095056	1.142347	1.208197	.3921348	.7563725	14.86708

#1	1.184490	2.864250	-.085141	.0172514	20.62403	3.578196	-.007760
#2	1.270877	2.884942	-.087084	.0170730	20.70361	3.625813	-.006468
#3	1.340182	2.884372	-.085859	.0174890	20.78640	3.579268	-.005808

Sample Name: O4084-07DLX2 Acquired: 08/29/2023 14:08:10 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GCEF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0930080	.0082068	-.028014
Stddev	.0001518	.0010945	.000372
%RSD	.1631626	13.33601	1.328805

#1	.0929316	.0094335	-.027793
#2	.0931828	.0078566	-.028443
#3	.0929096	.0073303	-.027804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.769	46637.43	6723.927	1271.501	1735.774
Stddev	4.728	92.11	56.469	5.935	5.295
%RSD	.2869434	.1975033	.8398149	.4668095	.3050262

#1	1646.241	46566.23	6748.421	1265.634	1739.019
#2	1653.073	46604.61	6659.347	1271.365	1738.638
#3	1643.995	46741.46	6764.012	1277.503	1729.664

Sample Name: O4040-05DLX4 Acquired: 08/29/2023 14:12:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014304	-.033079	.2706596	.0270418	-.017522	27.78943
Stddev	.009617	.004190	.0012197	.0088387	.002545	.10710
%RSD	67.23133	12.66658	.4506446	32.68546	14.52255	.3854010

#1	-.010150	-.029221	.2711571	.0205313	-.019880	27.67512
#2	-.007462	-.032478	.2692697	.0371039	-.017862	27.80569
#3	-.025300	-.037536	.2715518	.0234902	-.014825	27.88746

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036190	.0002889	.0196515	586.9738	5.783783	.0199277
Stddev	.0005017	.0000280	.0003241	3.0867	.000485	.0009672
%RSD	.2463716	9.702987	1.649111	.5258590	.0083935	4.853434

#1	.2032201	.0003212	.0193110	584.5689	5.784052	.0207818
#2	.2034548	.0002747	.0199561	585.8982	5.784075	.0188775
#3	.2041822	.0002707	.0196872	590.4544	5.783223	.0201239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041595	458.5867	F 122.7314	86.89895	.0695700	.0536988
Stddev	.0053029	2.1241	1.2352	.43826	.0003178	.0004081
%RSD	5.091155	.4631866	1.006402	.5043296	.4567538	.7599135

#1	.0982935	456.3840	121.3867	86.39338	.0694077	.0532334
#2	.1055716	458.7538	122.9919	87.17100	.0699361	.0538674
#3	.1086134	460.6224	123.8155	87.13246	.0693661	.0539955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094484	1.182408	.1057715	1.113039	F 12.11452	-.297125
Stddev	.177015	.004818	.0027485	.028364	.00228	.003371
%RSD	8.451473	.4075089	2.598511	2.548298	.0188367	1.134663

#1	2.264381	1.186642	.1056763	1.098625	12.11200	-.294850
#2	1.911121	1.183416	.1085664	1.145715	12.11511	-.300998
#3	2.107952	1.177165	.1030719	1.094778	12.11645	-.295527

Sample Name: O4040-05DLX4 Acquired: 08/29/2023 14:12:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150628	2.019911	4.192547	.0260938	5.081363	.0294420
Stddev	.0003479	.012511	.006050	.0044029	.019650	.0024200
%RSD	2.309906	.6193824	.1442923	16.87333	.3867147	8.219504
#1	.0149056	2.030172	4.199075	.0269917	5.067868	.0291270
#2	.0154617	2.023588	4.191437	.0299785	5.072313	.0320041
#3	.0148213	2.005974	4.187130	.0213112	5.103908	.0271950

Elem	Sr4077
Units	ppm
Avg	-.127378
Stddev	.001384
%RSD	1.086213
#1	-.125830
#2	-.127807
#3	-.128496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.947	42004.25	6186.690	1111.237	1582.649
Stddev	1.635	229.94	22.832	3.501	2.104
%RSD	.1121100	.5474235	.3690563	.3150588	.1329522
#1	1456.719	42231.31	6210.767	1115.279	1585.079
#2	1457.319	42009.92	6183.955	1109.266	1581.429
#3	1459.802	41771.53	6165.349	1109.166	1581.439

Sample Name: O4040-06DLX2 Acquired: 08/29/2023 14:16:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.021006	2.039405	.0036689	.0048614	83.04587
Stddev	.010130	.003050	.003888	.0072736	.0016951	.24254
%RSD	11256.60	14.52067	.1906631	198.2515	34.86877	.2920536

#1	.009386	-.024159	2.035645	.0071940	.0035321	83.19542
#2	.001111	-.020789	2.039160	-.004696	.0042818	83.17616
#3	-.010767	-.018070	2.043410	.008508	.0067703	82.76603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.670688	.0165829	.0171562	781.2637	1.412635	.0176636
Stddev	.004599	.0002459	.0001265	2.6905	.001708	.0002358
%RSD	.2752842	1.482928	.7371757	.3443751	.1208750	1.335117

#1	1.675308	.0167435	.0171457	781.7350	1.412910	.0176430
#2	1.670649	.0167054	.0172877	778.3687	1.410807	.0179091
#3	1.666110	.0162998	.0170354	783.6874	1.414189	.0174388

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1427362	310.9174	F 31.83958	161.6413	.2744242	.0285293
Stddev	.0012707	.9672	.04946	.5648	.0002430	.0002126
%RSD	.8902604	.3110814	.1553342	.3494157	.0885605	.7451036

#1	.1438899	312.0305	31.89559	162.0624	.2746326	.0282895
#2	.1413742	310.2812	31.80193	161.8620	.2744827	.0286039
#3	.1429446	310.4406	31.82122	160.9994	.2741572	.0286945

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.542999	.5467505	2.288624	3.736411	3.932154	-.207552
Stddev	.270180	.0050798	.018684	.026526	.023655	.001169
%RSD	5.947165	.9290939	.8163975	.7099266	.6015869	.5631337

#1	4.358596	.5471855	2.269802	3.764514	3.927745	-.207196
#2	4.417270	.5515988	2.288902	3.711811	3.957704	-.206604
#3	4.853131	.5414671	2.307167	3.732908	3.911014	-.208858

Sample Name: O4040-06DLX2 Acquired: 08/29/2023 14:16:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146852	11.20504	14.90332	.0099548	3.348644	.1071273
Stddev	.0002205	.02002	.06487	.0051250	.008434	.0010097
%RSD	1.501692	.1786570	.4352517	51.48273	.2518646	.9425391
#1	.0147507	11.18204	14.95982	.0074984	3.352144	.1079144
#2	.0148655	11.21849	14.91764	.0158457	3.354765	.1074786
#3	.0144393	11.21461	14.83248	.0065204	3.339023	.1059888

Elem	Sr4077
Units	ppm
Avg	2.777632
Stddev	.010771
%RSD	.3877835
#1	2.789012
#2	2.776287
#3	2.767596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.650	45779.86	6763.690	1220.895	1526.509
Stddev	1.742	167.28	32.153	5.712	.290
%RSD	.1086402	.3654103	.4753820	.4678303	.0190055
#1	1602.840	45618.20	6726.649	1226.321	1526.520
#2	1605.649	45952.25	6780.008	1221.429	1526.793
#3	1602.460	45769.13	6784.412	1214.935	1526.213

Sample Name: O4040-07DLX4 Acquired: 08/29/2023 14:20:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013094	-.028923	.1758842	.0055343	.0010185	32.31673
Stddev	.004648	.001441	.0072716	.0069212	.0019703	.08171
%RSD	35.49895	4.981448	4.134297	125.0596	193.4592	.2528349

#1	-.016901	-.030364	.1841087	.0124901	-.001002	32.39936
#2	-.014466	-.027483	.1703078	.0054645	.001124	32.23598
#3	-.007914	-.028922	.1732361	-.001352	.002934	32.31485

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3200674	.0045454	.0182929	503.0403	3.103094	.0219582
Stddev	.0012554	.0001129	.0002654	.8474	.009793	.0002310
%RSD	.3922326	2.484457	1.450854	.1684546	.3155882	1.051764

#1	.3213858	.0045360	.0185343	504.0188	3.093639	.0222196
#2	.3188863	.0044374	.0180087	502.5473	3.102449	.0217817
#3	.3199301	.0046627	.0183358	502.5549	3.113193	.0218733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2650060	417.9861	F 63.70615	61.34432	.2274584	.0411345
Stddev	.0049454	.2747	.09422	.22178	.0015054	.0004096
%RSD	1.866163	.0657242	.1479042	.3615350	.6618209	.9957588

#1	.2679639	417.6842	63.81268	61.16999	.2288893	.0407546
#2	.2592967	418.0527	63.63375	61.59395	.2258883	.0410805
#3	.2677574	418.2213	63.67201	61.26904	.2275978	.0415684

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.153620	1.052706	.3316084	1.468419	6.782595	-.218552
Stddev	.258447	.008404	.0124532	.027704	.008351	.001355
%RSD	12.00057	.7982893	3.755380	1.886681	.1231270	.6200909

#1	2.450758	1.058857	.3276953	1.471643	6.776473	-.217039
#2	2.029060	1.043131	.3215817	1.439244	6.779203	-.219653
#3	1.981042	1.056130	.3455481	1.494371	6.792108	-.218966

Sample Name: O4040-07DLX4 Acquired: 08/29/2023 14:20:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155754	5.975906	2.924746	.0253907	4.713224	.0423246
Stddev	.0001654	.027010	.003976	.0012591	.005980	.0011558
%RSD	1.061889	.4519782	.1359340	4.958762	.1268835	2.730823
#1	.0157638	5.995953	2.922311	.0246867	4.720122	.0411371
#2	.0155084	5.986574	2.929334	.0268443	4.710050	.0434459
#3	.0154541	5.945192	2.922594	.0246411	4.709499	.0423908

Elem	Sr4077
Units	ppm
Avg	.1958976
Stddev	.0025039
%RSD	1.278188
#1	.1930842
#2	.1967270
#3	.1978817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.748	43249.25	6338.618	1144.226	1610.745
Stddev	2.940	60.95	16.466	6.661	1.673
%RSD	.1956419	.1409387	.2597788	.5820968	.1038477
#1	1500.790	43179.93	6328.550	1136.844	1609.006
#2	1506.129	43294.49	6329.682	1146.050	1612.342
#3	1501.327	43273.31	6357.620	1149.786	1610.889

Sample Name: O4040-08DLX4 Acquired: 08/29/2023 14:24:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002424	-.027755	.1849691	.0088880	-.015029	33.01779
Stddev	.001874	.005983	.0062819	.0072723	.002196	.07403
%RSD	77.33541	21.55561	3.396162	81.82098	14.61400	.2242044

#1	-.002171	-.025968	.1890632	.0028101	-.014141	33.09752
#2	-.000689	-.034427	.1881077	.0069090	-.017530	33.00460
#3	-.004412	-.022869	.1777365	.0169450	-.013416	32.95124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321025	.0026234	.0232390	758.9525	5.727877	.0214818
Stddev	.0013471	.0001842	.0001715	2.8337	.002542	.0007033
%RSD	.5803972	7.021066	.7381732	.3733686	.0443858	3.274006

#1	.2336570	.0027598	.0230411	762.1718	5.730804	.0219545
#2	.2312747	.0024139	.0233461	756.8358	5.726615	.0206736
#3	.2313760	.0026964	.0233298	757.8500	5.726214	.0218174

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435117	521.9837	F 101.0906	89.41779	.2806845	.0535852
Stddev	.0031354	.7586	.4153	.23045	.0013236	.0001431
%RSD	7.205872	.1453398	.4108242	.2577261	.4715508	.2670172

#1	.0469635	522.6935	101.5462	89.47635	.2794217	.0536397
#2	.0408400	522.0733	100.7331	89.61332	.2805704	.0536930
#3	.0427315	521.1842	100.9925	89.16371	.2820615	.0534229

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.227199	2.144296	-.028138	1.859338	F 13.61568	-.349546
Stddev	.094926	.006073	.004745	.018809	.05497	.004021
%RSD	4.262143	.2832153	16.86428	1.011608	.4037235	1.150305

#1	2.229912	2.150523	-.028598	1.838455	13.56793	-.354187
#2	2.130946	2.143975	-.032637	1.864607	13.60333	-.347356
#3	2.320740	2.138390	-.023180	1.874950	13.67577	-.347096

Sample Name: O4040-08DLX4 Acquired: 08/29/2023 14:24:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYE3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832997	5.763995	3.325453	.0131013	6.638183	.0379968
Stddev	.0002394	.044406	.007849	.0014405	.019423	.0006861
%RSD	.2873468	.7704067	.2360264	10.99539	.2925885	1.805561

#1	.0832768	5.722967	3.333389	.0125555	6.660569	.0373089
#2	.0835496	5.757875	3.317695	.0120135	6.628170	.0386810
#3	.0830725	5.811144	3.325274	.0147350	6.625810	.0380004

Elem	Sr4077
Units	ppm
Avg	.0008005
Stddev	.0010917
%RSD	136.3717

#1	.0012169
#2	-.000438
#3	.001623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.104	41931.49	6201.564	1107.292	1553.210
Stddev	3.185	161.15	32.649	4.880	3.322
%RSD	.2196137	.3843139	.5264587	.4407253	.2138931

#1	1450.083	41949.08	6170.520	1110.440	1557.046
#2	1446.930	42083.12	6235.610	1109.765	1551.293
#3	1453.300	41762.26	6198.562	1101.670	1551.290

Sample Name: O4040-09DLX4 Acquired: 08/29/2023 14:28:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001526	-.022000	.1775466	.0095282	.0022276	51.00347
Stddev	.008673	.003480	.0026942	.0106681	.0032865	.06752
%RSD	568.3631	15.81847	1.517465	111.9629	147.5385	.1323872

#1	-.000043	-.018171	.1797558	.0053962	.0029355	50.92669
#2	-.010845	-.022860	.1783390	.0216442	.0051024	51.03014
#3	.006310	-.024971	.1745451	.0015442	-.001355	51.05360

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4910516	.0079520	.0139244	546.3212	1.962931	.0114142
Stddev	.0012103	.0001851	.0002483	1.7888	.002192	.0006034
%RSD	.2464656	2.328196	1.782910	.3274225	.1116511	5.286280

#1	.4914169	.0077382	.0139953	545.6134	1.964968	.0120437
#2	.4897008	.0080609	.0136484	544.9946	1.963213	.0108409
#3	.4920372	.0080569	.0141295	548.3555	1.960612	.0113579

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1471245	290.2860	F 47.64868	88.11248	.1901821	.0293789
Stddev	.0025457	.6936	.20858	.44004	.0010567	.0001091
%RSD	1.730280	.2389199	.4377463	.4994100	.5556192	.3712293

#1	.1482538	289.6232	47.55117	87.81336	.1892486	.0293569
#2	.1442095	290.2280	47.50671	87.90632	.1913293	.0294973
#3	.1489101	291.0067	47.88815	88.61776	.1899683	.0292825

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.514504	.7374915	.8065566	2.321044	4.753816	-.112062
Stddev	.085948	.0025431	.0182331	.044704	.010646	.001848
%RSD	3.418073	.3448272	2.260605	1.926026	.2239506	1.649204

#1	2.609732	.7345748	.7974296	2.287379	4.745811	-.112243
#2	2.491090	.7386553	.8275508	2.371765	4.765898	-.110130
#3	2.442690	.7392444	.7946895	2.303989	4.749738	-.113813

Sample Name: O4040-09DLX4 Acquired: 08/29/2023 14:28:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYW6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156359	7.960614	3.319442	.0113907	3.597599	.0602911
Stddev	.0007759	.018636	.010270	.0026879	.012902	.0003940
%RSD	4.962033	.2341048	.3093953	23.59737	.3586222	.6534860
#1	.0147515	7.977703	3.308662	.0133759	3.584123	.0598678
#2	.0159540	7.963397	3.329112	.0083319	3.598838	.0606471
#3	.0162021	7.940744	3.320552	.0124643	3.609837	.0603585

Elem	Sr4077
Units	ppm
Avg	.9477966
Stddev	.0014684
%RSD	.1549232
#1	.9461860
#2	.9490606
#3	.9481433

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.071	44341.58	6497.624	1182.816	1595.528
Stddev	5.021	50.12	2.663	.970	.512
%RSD	.3243494	.1130300	.0409879	.0819767	.0320659
#1	1551.060	44314.17	6500.699	1182.040	1595.304
#2	1550.880	44399.43	6496.122	1183.903	1596.114
#3	1542.274	44311.15	6496.050	1182.504	1595.167

Sample Name: O4040-10DLX4 Acquired: 08/29/2023 14:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043607	-.043787	.1876224	-.027899	.0137805	32.78490
Stddev	.007865	.006428	.0054327	.003761	.0002453	.10866
%RSD	18.03590	14.68062	2.895550	13.48204	1.779910	.3314406

#1	-.041692	-.037578	.1854935	-.024304	.0140398	32.74932
#2	-.052253	-.050414	.1835765	-.031807	.0137493	32.90689
#3	-.036877	-.043370	.1937971	-.027585	.0135523	32.69848

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1469748	.0055669	.0279661	F 803.0714	1.949010	.0132707
Stddev	.0005807	.0000875	.0002119	3.8268	.002907	.0007394
%RSD	.3950826	1.571508	.7578380	.4765240	.1491383	5.571400

#1	.1467201	.0056357	.0278974	804.0687	1.948794	.0127183
#2	.1476393	.0055966	.0282039	806.3008	1.946217	.0129832
#3	.1465651	.0054685	.0277971	798.8446	1.952019	.0141107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	612.8429	F 54.45542	177.0926	.0379792	.0528914
Stddev	.004310	4.0059	.33524	1.0743	.0007391	.0007936
%RSD	13942.55	.6536507	.6156249	.6066328	1.946019	1.500371

#1	-.001439	611.5905	54.15108	176.2578	.0373244	.0519763
#2	.004807	617.3253	54.81476	178.3047	.0387806	.0533074
#3	-.003461	609.6129	54.40043	176.7154	.0378325	.0533904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064875	1.295527	1.001816	.6247033	7.260966	-.579563
Stddev	.199813	.011222	.013660	.0842911	.036346	.002457
%RSD	9.676756	.8662262	1.363510	13.49298	.5005675	.4238864

#1	2.137485	1.285008	1.002391	.5277386	7.219250	-.581790
#2	1.838910	1.307340	.987878	.6658792	7.285808	-.576928
#3	2.218231	1.294234	1.015179	.6804920	7.277839	-.579971

Sample Name: O4040-10DLX4 Acquired: 08/29/2023 14:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040105	3.244273	3.587322	.0177768	7.389895	.0277562
Stddev	.0006843	.027407	.022539	.0042200	.016835	.0014244
%RSD	17.06196	.8447717	.6282875	23.73897	.2278139	5.131672

#1	.0040129	3.214259	3.565484	.0180335	7.391486	.0261351
#2	.0046935	3.250589	3.610501	.0218626	7.405877	.0288071
#3	.0033250	3.267970	3.585979	.0134343	7.372320	.0283265

Elem	Sr4077
Units	ppm
Avg	-.097351
Stddev	.002978
%RSD	3.058791

#1	-.094665
#2	-.100553
#3	-.096836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.721	41406.23	6163.496	1091.250	1523.917
Stddev	2.058	136.02	42.809	4.451	1.471
%RSD	.1425290	.3285032	.6945534	.4078723	.0965093

#1	1441.558	41399.81	6192.913	1096.373	1522.477
#2	1443.951	41273.53	6114.384	1088.328	1525.417
#3	1445.654	41545.35	6183.190	1089.051	1523.857

Sample Name: O4040-11DLX4 Acquired: 08/29/2023 14:36:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004319	-.032515	.1200340	.0321433	-.009238	27.80533
Stddev	.005617	.003099	.0012633	.0133127	.004232	.15451
%RSD	130.0454	9.529691	1.052443	41.41663	45.80605	.5556933

#1	.000919	-.029546	.1185754	.0336199	-.012252	27.62814
#2	-.003626	-.035729	.1207750	.0181539	-.011063	27.87581
#3	-.010251	-.032271	.1207517	.0446562	-.004400	27.91204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2109294	.0025790	.0222211	575.2424	4.163767	.0131615
Stddev	.0018876	.0003016	.0003483	2.7782	.005656	.0005426
%RSD	.8948771	11.69420	1.567291	.4829531	.1358422	4.122566

#1	.2093613	.0028887	.0219272	573.0313	4.169734	.0134097
#2	.2104024	.0025620	.0221303	574.3351	4.158484	.0125392
#3	.2130244	.0022862	.0226058	578.3608	4.163082	.0135356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0392506	447.5117	F 117.9870	110.1629	.1119053	.0531930
Stddev	.0026838	2.5022	.9505	.4704	.0005471	.0011609
%RSD	6.837571	.5591427	.8055819	.4269826	.4889022	2.182388

#1	.0401681	444.6238	118.3603	109.6845	.1116527	.0523533
#2	.0413553	448.8757	118.6942	110.1795	.1115301	.0545177
#3	.0362284	449.0355	116.9066	110.6248	.1125330	.0527080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.084335	1.044442	.0351370	1.076179	F 12.42000	-.303877
Stddev	.051485	.003271	.0040170	.036519	.03259	.003142
%RSD	2.470114	.3131470	11.43245	3.393405	.2624050	1.033998

#1	2.097051	1.040709	.0322389	1.055631	12.45663	-.307086
#2	2.027684	1.045813	.0334495	1.054564	12.39423	-.303739
#3	2.128271	1.046804	.0397224	1.118343	12.40914	-.300807

Sample Name: O4040-11DLX4 Acquired: 08/29/2023 14:36:47 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MEZYJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082721	5.500118	4.057134	.0112047	5.336425	.0311919
Stddev	.0009932	.020004	.026692	.0021358	.026572	.0008538
%RSD	12.00644	.3636966	.6579147	19.06199	.4979326	2.737081

#1	.0092581	5.478154	4.086946	.0088319	5.306310	.0308196
#2	.0082862	5.504908	4.035452	.0129735	5.346394	.0321686
#3	.0072719	5.517291	4.049004	.0118085	5.356571	.0305875

Elem	Sr4077
Units	ppm
Avg	.0191414
Stddev	.0020706
%RSD	10.81761

#1	.0207060
#2	.0199249
#3	.0167933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.048	42220.07	6207.904	1119.244	1584.569
Stddev	1.625	92.95	15.888	5.237	2.264
%RSD	.1103945	.2201447	.2559269	.4678718	.1428731

#1	1473.444	42324.68	6190.034	1124.925	1582.762
#2	1470.264	42188.56	6213.248	1118.195	1587.108
#3	1472.437	42146.98	6220.432	1114.610	1583.836

Sample Name: CCV012 Acquired: 08/29/2023 14:40:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
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	4.993197	4.935518	24.51937	4.856797	4.920750	399.1849	10.69364
Stddev	.009539	.006222	.04521	.014834	.008418	1.1714	.01133
%RSD	.1910420	.1260697	.1843829	.3054233	.1710769	.2934534	.1059057

#1	4.988073	4.941661	24.47203	4.873739	4.927050	398.7511	10.68508
#2	4.987315	4.929219	24.52396	4.846144	4.924010	398.2923	10.68935
#3	5.004203	4.935673	24.56210	4.850508	4.911189	400.5114	10.70648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945547	2.440999	398.6153	15.10884	2.481746	15.47194	399.4156
Stddev	.0001341	.004821	.8756	.04026	.005367	.01827	.8794
%RSD	.0271241	.1975131	.2196530	.2664416	.2162598	.1180858	.2201751

#1	.4944628	2.437304	397.6189	15.06236	2.477953	15.45384	398.4262
#2	.4947086	2.439240	398.9650	15.13165	2.479397	15.49038	399.7126
#3	.4944926	2.446452	399.2620	15.13250	2.487887	15.47160	400.1081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97677	391.7568	2.468087	1.308125	389.9950	2.496200	15.05886
Stddev	.03905	.8277	.009134	.002305	.9566	.002089	.03407
%RSD	.2607135	.2112705	.3700724	.1762430	.2452868	.0836933	.2262671

#1	14.93266	391.2517	2.462031	1.310505	389.6884	2.494614	15.08701
#2	15.00690	391.3068	2.463638	1.305902	389.2293	2.495418	15.06858
#3	14.99075	392.7120	2.478593	1.307969	391.0673	2.498567	15.02098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.4456	5.236512	4.619973	4.697762	5.141875	4.886330	4.907006
Stddev	.2141	.025656	.004479	.005568	.015450	.001811	.013305
%RSD	.1377380	.4899442	.0969470	.1185263	.3004750	.0370625	.2711483

#1	155.4549	5.209496	4.623587	4.693109	5.125998	4.888350	4.904568
#2	155.2270	5.239492	4.614962	4.696245	5.142767	4.884851	4.895088
#3	155.6549	5.260547	4.621370	4.703931	5.156860	4.885789	4.921361

Sample Name: CCV012 Acquired: 08/29/2023 14:40:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.045812	5.318261	4.702883
Stddev	.019125	.004118	.018321
%RSD	.3790262	.0774238	.3895642

#1	5.039936	5.314170	4.686323
#2	5.030314	5.322405	4.722563
#3	5.067185	5.318207	4.699763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.691	39809.90	6061.939	1036.224	1432.358
Stddev	1.678	68.09	5.564	4.709	3.327
%RSD	.1226186	.1710272	.0917905	.4544172	.2322794

#1	1367.802	39885.52	6064.492	1030.789	1435.371
#2	1370.627	39790.73	6065.769	1039.080	1432.915
#3	1367.645	39753.46	6055.557	1038.803	1428.787

Sample Name: CCB012 Acquired: 08/29/2023 14:44:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
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	.0016686	.0003775	-.000464	.0038195	.0002765	.0072031	.0001524
Stddev	.0095363	.0013567	.000314	.0055006	.0024920	.0043696	.0005024
%RSD	571.5008	359.4078	67.72268	144.0129	901.2773	60.66233	329.5616

#1	.0123999	-.000944	-.000116	-.002284	.0031379	.0078324	.0004559
#2	-.005835	.000310	-.000728	.005348	-.000890	.0025530	-.000427
#3	-.001559	.001767	-.000549	.008394	-.001418	.0112240	.000429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000112	.0073491	-.000069	.0000549	.0010139	.0138178
Stddev	.000039	.000104	.0018033	.000669	.0003594	.0009679	.0037557
%RSD	482.6852	92.60211	24.53790	971.4125	654.1724	95.46942	27.17991

#1	-.000021	-.000200	.0053711	-.000612	.0002506	.0021119	.0137811
#2	-.000040	.000003	.0089018	.000679	-.000360	.0006456	.0175917
#3	.000036	-.000140	.0077743	-.000273	.000274	.0002841	.0100806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004112	.0314422	-.000170	.0006885	-.467884	-.002163	.0076155
Stddev	.0005876	.0054107	.000468	.0004145	.072624	.002397	.0042168
%RSD	142.8948	17.20845	274.7325	60.21006	15.52185	110.8201	55.37170

#1	-.000026	.0264141	.000368	.0002768	-.527050	.000576	.0070389
#2	.000181	.0307446	-.000479	.0011058	-.489768	-.003187	.0037167
#3	.001079	.0371679	-.000400	.0006828	-.386834	-.003877	.0120910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106595	-.001552	.0066058	.0006753	.0000447	-.000567	.0010132
Stddev	.0021229	.000737	.0009889	.0007166	.0031614	.000908	.0006932
%RSD	19.91602	47.50188	14.96955	106.1184	7080.900	160.2249	68.41280

#1	.0084992	-.002397	.0074340	.0008127	.0033965	-.000916	.0007118
#2	.0107361	-.001216	.0068725	-.000100	-.000379	-.001248	.0005218
#3	.0127430	-.001043	.0055109	.001313	-.002884	.000464	.0018060

Sample Name: CCB012 Acquired: 08/29/2023 14:44:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000099	.0018287	-.000003
Stddev	.001030	.0002282	.000063
%RSD	1036.162	12.48019	1968.058

#1	.000015	.0016015	.000038
#2	.000869	.0020579	-.000075
#3	-.001182	.0018268	.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.701	45605.34	6492.483	1245.623	1881.413
Stddev	1.108	54.12	10.630	.711	3.191
%RSD	.0679077	.1186626	.1637279	.0570475	.1696040

#1	1632.192	45607.63	6484.880	1246.361	1879.473
#2	1632.479	45550.12	6504.630	1244.943	1885.095
#3	1630.433	45658.28	6487.940	1245.566	1879.669

Sample Name: O4040-12DLX4 Acquired: 08/29/2023 14:54:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055051	-.025706	.0780680	.0263441	-.015674	19.93157
Stddev	.0101956	.002665	.0061884	.0071582	.006280	.00529
%RSD	185.2021	10.36733	7.926926	27.17179	40.06552	.0265365

#1	-.002352	-.027124	.0852066	.0336551	-.013169	19.93125
#2	.001842	-.027362	.0747753	.0193493	-.022819	19.92645
#3	.017026	-.022632	.0742221	.0260279	-.011033	19.93701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573377	.0065460	.0145890	503.1872	5.349199	.0136163
Stddev	.0005754	.0002092	.0003777	.8285	.009832	.0009121
%RSD	.3657280	3.195618	2.589069	.1646543	.1837985	6.698705

#1	.1566765	.0063861	.0150238	502.2424	5.357081	.0146499
#2	.1576116	.0067828	.0144009	503.5291	5.352333	.0132751
#3	.1577251	.0064692	.0143421	503.7900	5.338182	.0129241

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999059	340.7879	F 91.25136	81.13239	.2543901	.0403879
Stddev	.0013845	.5625	.17857	.05470	.0003867	.0006270
%RSD	1.385797	.1650717	.1956861	.0674257	.1519942	1.552379

#1	.1000530	341.2253	91.04556	81.19379	.2539625	.0407473
#2	.0984537	340.1533	91.36522	81.08885	.2544927	.0396639
#3	.1012109	340.9851	91.34331	81.11453	.2547151	.0407525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.070435	1.042366	-.014753	.6535778	8.419367	-.219914
Stddev	.093211	.006021	.001979	.0301970	.030159	.002410
%RSD	4.502014	.5776255	13.41497	4.620253	.3582052	1.095803

#1	2.055166	1.042573	-.015074	.6202078	8.404514	-.220946
#2	2.170339	1.036245	-.016552	.6615057	8.399516	-.217160
#3	1.985802	1.048281	-.012633	.6790199	8.454071	-.221636

Sample Name: O4040-12DLX4 Acquired: 08/29/2023 14:54:48 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MEZYJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227244	1.606865	5.410417	.0129354	4.419226	.0266855
Stddev	.0002396	.020480	.021287	.0018254	.011693	.0012998
%RSD	1.054449	1.274553	.3934369	14.11182	.2645896	4.870665

#1	.0226493	1.623446	5.421998	.0143076	4.419073	.0281709
#2	.0225312	1.583971	5.423403	.0108637	4.407610	.0257568
#3	.0229925	1.613176	5.385851	.0136351	4.430994	.0261290

Elem	Sr4077
Units	ppm
Avg	-.056368
Stddev	.000820
%RSD	1.455573

#1	-.056226
#2	-.055628
#3	-.057251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.747	42131.15	6206.950	1114.882	1604.065
Stddev	1.818	98.88	20.691	2.526	5.271
%RSD	.1236037	.2346956	.3333539	.2265708	.3285812

#1	1469.904	42072.78	6183.107	1113.337	1598.950
#2	1469.504	42245.31	6220.198	1117.797	1609.479
#3	1472.834	42075.35	6217.545	1113.512	1603.766

Sample Name: O4040-13DLX4 Acquired: 08/29/2023 14:58:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029405	-.039942	.2581509	-.024521	.0173988	63.68347	.6965053
Stddev	.009587	.004189	.0057605	.013721	.0025773	.25799	.0031319
%RSD	32.60513	10.48709	2.231429	55.95532	14.81327	.4051152	.4496619

#1	-.018624	-.037208	.2527918	-.012169	.0144383	63.42097	.6935711
#2	-.032615	-.037854	.2642426	-.022104	.0186161	63.93671	.6998032
#3	-.036975	-.044764	.2574183	-.039289	.0191420	63.69272	.6961417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155824	.0246657	609.0865	.6523131	.0194048	.0834882	521.3321
Stddev	.0002314	.0006767	3.1874	.0023680	.0000596	.0004710	3.0110
%RSD	1.484780	2.743350	.5233046	.3630118	.3072056	.5641369	.5775598

#1	.0158226	.0252492	606.1073	.6530056	.0194447	.0829504	518.1921
#2	.0155637	.0239239	612.4477	.6496761	.0193362	.0838270	524.1950
#3	.0153610	.0248241	608.7045	.6542576	.0194334	.0836873	521.6091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.27730	115.4755	.1459801	.0438897	3.787914	.3002702	.1830568
Stddev	.16573	.9551	.0004192	.0008615	.197703	.0038546	.0172597
%RSD	.6306837	.8271127	.2871742	1.962952	5.219318	1.283702	9.428580

#1	26.11395	114.4015	.1458578	.0431633	3.779798	.2970397	.2023674
#2	26.44531	116.2295	.1464468	.0448415	3.594393	.3045369	.1776704
#3	26.27264	115.7955	.1456356	.0436643	3.989550	.2992338	.1691327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.728681	2.238657	-.449671	.0089471	8.805918	3.170877	.0116357
Stddev	.012907	.011399	.005658	.0006094	.032985	.009866	.0024501
%RSD	.2253012	.5092050	1.258254	6.810697	.3745809	.3111489	21.05707

#1	5.737904	2.225495	-.447646	.0091868	8.808063	3.160131	.0127385
#2	5.713931	2.245376	-.456063	.0082544	8.771913	3.179526	.0088279
#3	5.734209	2.245100	-.445305	.0094002	8.837779	3.172975	.0133406

Sample Name: O4040-13DLX4 Acquired: 08/29/2023 14:58:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.353846	.0835835	2.842444
Stddev	.013487	.0003305	.008239
%RSD	.5729696	.3953607	.2898687

#1	2.338331	.0832431	2.835172
#2	2.362771	.0836045	2.851393
#3	2.360436	.0839030	2.840767

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.875	44649.87	6587.427	1181.180	1556.405
Stddev	3.920	65.39	29.506	10.079	3.191
%RSD	.2517843	.1464602	.4479154	.8532704	.2050017

#1	1559.665	44656.62	6611.472	1183.086	1557.006
#2	1558.566	44581.36	6554.500	1170.284	1559.252
#3	1552.393	44711.63	6596.309	1190.170	1552.956

Sample Name: O4040-14DLX4 Acquired: 08/29/2023 15:02:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008948	-.018875	.2689255	-.007741	.0057373	44.00826	.3770017
Stddev	.005699	.002493	.0019811	.010988	.0021600	.08352	.0020602
%RSD	63.69664	13.20956	.7366761	141.9478	37.64783	.1897712	.5464579

#1	-.002629	-.016076	.2677635	-.014706	.0033331	43.92455	.3750912
#2	-.013701	-.020859	.2678000	-.013444	.0075142	44.00866	.3767293
#3	-.010512	-.019691	.2712130	.004926	.0063645	44.09158	.3791844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099381	.0116254	732.2397	.4615785	.0114888	.0325365	260.8340
Stddev	.0001387	.0000323	2.1013	.0018838	.0003478	.0003105	.5000
%RSD	1.395600	.2781568	.2869686	.4081281	3.027292	.9544336	.1916788

#1	.0099046	.0116074	730.3954	.4637537	.0110932	.0322231	260.2572
#2	.0098191	.0116627	731.7964	.4604967	.0116267	.0328441	261.1020
#3	.0100904	.0116060	734.5272	.4604850	.0117464	.0325422	261.1429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.352197	68.34232	.2009215	.0219271	2.543458	.0446548	.0257191
Stddev	.032004	.28998	.0016993	.0002938	.217110	.0018880	.0045539
%RSD	.3422033	.4243085	.8457402	1.339963	8.535996	4.228005	17.70623

#1	9.326238	68.03683	.1995404	.0220824	2.702100	.0435271	.0301658
#2	9.342398	68.61380	.2004050	.0221106	2.296027	.0436028	.0259265
#3	9.387954	68.37634	.2028191	.0215882	2.632248	.0468344	.0210651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.238066	.5079395	-.090675	.0145188	6.045782	3.424668	-.000447
Stddev	.041365	.0043142	.002189	.0006715	.014178	.017833	.003152
%RSD	.9760266	.8493546	2.414383	4.625195	.2345074	.5207111	705.1326

#1	4.206618	.5040662	-.092087	.0146837	6.029507	3.430262	.003078
#2	4.284923	.5071632	-.091785	.0137802	6.052388	3.404709	-.001426
#3	4.222656	.5125892	-.088153	.0150925	6.055452	3.439033	-.002993

Sample Name: O4040-14DLX4 Acquired: 08/29/2023 15:02:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.229871	.0696595	.5031159
Stddev	.002418	.0016342	.0022868
%RSD	.1966287	2.346031	.4545169

#1	1.229743	.0677742	.5031679
#2	1.232351	.0705324	.5053762
#3	1.227519	.0706719	.5008036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.563	43997.33	6506.960	1182.123	1567.878
Stddev	1.421	153.30	10.439	4.954	2.561
%RSD	.0917181	.3484284	.1604250	.4190408	.1633299

#1	1551.020	44150.58	6516.610	1186.390	1569.877
#2	1549.490	43843.98	6508.390	1176.691	1564.991
#3	1548.180	43997.43	6495.880	1183.290	1568.764

Sample Name: PB155037BL Acquired: 08/29/2023 15:06:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026165	-.001512	-.000212	.0010551	.0019573	.0057379	.0000940
Stddev	.0028359	.003989	.002424	.0086206	.0021126	.0028345	.0002335
%RSD	108.3841	263.7212	1141.513	817.0459	107.9382	49.39874	248.3738

#1	.0012983	-.000655	.001523	-.004934	.0043764	.0053407	-.000066
#2	.0058715	-.005860	-.002982	.010935	.0010199	.0031231	-.000014
#3	.0006797	.001978	.000822	-.002836	.0004755	.0087501	.000362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000070	-.000308	-.000246	-.000066	.0016285	.0010082
Stddev	.000050	.000077	.006827	.000091	.000284	.0018576	.0062249
%RSD	154.0331	110.8407	2213.343	36.96049	427.5958	114.0678	617.4181

#1	.000024	.000001	.005161	-.000159	.000250	.0026232	-.003631
#2	-.000069	-.000153	-.007959	-.000239	-.000299	.0027770	.008082
#3	-.000052	-.000058	.001873	-.000341	-.000150	-.000515	-.001426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002891	.0130248	-.000676	.0005481	-.092313	-.001568	.0053001
Stddev	.0008824	.0203676	.000107	.0001983	.089585	.001678	.0044516
%RSD	305.2715	156.3763	15.87872	36.18350	97.04516	107.0101	83.98997

#1	.0008550	.0365312	-.000781	.0003241	-.095885	-.003476	.0089317
#2	.0007398	.0019255	-.000566	.0006187	-.180058	-.000327	.0066348
#3	-.000728	.0006177	-.000682	.0007015	-.000995	-.000899	.0003339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224731	-.000393	-.002439	-.000559	-.005159	-.000829	-.000614
Stddev	.0448490	.003770	.001478	.000099	.002803	.000522	.001174
%RSD	199.5672	959.6090	60.60686	17.79813	54.33356	62.99059	191.2252

#1	.0587910	.002109	-.000737	-.000588	-.008342	-.000491	.000717
#2	.0362858	-.004730	-.003398	-.000640	-.003059	-.000565	-.001056
#3	-.027657	.001442	-.003181	-.000448	-.004077	-.001431	-.001502

Sample Name: PB155037BL Acquired: 08/29/2023 15:06:56 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS037 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000363	.0050100	-.000041
Stddev	.000048	.0018710	.000048
%RSD	13.16288	37.34495	118.3633

#1	-.000318	.0060413	-.000040
#2	-.000359	.0061384	-.000090
#3	-.000414	.0028503	.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.345	45776.14	6520.587	1249.102	1866.947
Stddev	10.465	244.09	84.926	9.156	14.131
%RSD	.646654	.5332277	1.302423	.7330359	.7569179

#1	1618.361	45594.73	6436.230	1240.559	1874.513
#2	1628.803	46053.66	6606.070	1258.768	1875.683
#3	1607.872	45680.04	6519.460	1247.978	1850.643

Sample Name: PB155037BS Acquired: 08/29/2023 15:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0267610	.0548673	.0211651	.0777262	.1265239	.3982029
Stddev	.0027056	.0048237	.0016966	.0076220	.0014292	.0056674
%RSD	10.11023	8.791530	8.016231	9.806189	1.129568	1.423234

#1	.0236392	.0525424	.0231223	.0770591	.1252599	.3918861
#2	.0282172	.0604131	.0202607	.0704597	.1280747	.3998806
#3	.0284266	.0516463	.0201123	.0856598	.1262370	.4028420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4362198	.0107449	.0102057	10.37135	.0210455	.0995779
Stddev	.0021279	.0000245	.0001297	.01930	.0005745	.0004857
%RSD	.4878044	.2282557	1.271135	.1861157	2.729929	.4877718

#1	.4337695	.0107197	.0103154	10.35160	.0217085	.0995205
#2	.4372861	.0107461	.0102391	10.39017	.0206945	.1000898
#3	.4376036	.0107688	.0100625	10.37226	.0207335	.0991235

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570290	.2150482	.0237562	9.609141	.0816746	.0209753
Stddev	.0010725	.0014231	.0002142	.064731	.0002564	.0001980
%RSD	1.880539	.6617750	.9014441	.6736407	.3139290	.9438099

#1	.0570253	.2154221	.0239271	9.662215	.0814021	.0207572
#2	.0581034	.2162471	.0238256	9.537024	.0819110	.0210254
#3	.0559585	.2134754	.0235160	9.628182	.0817106	.0211435

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.702186	.1045933	.1219519	10.42605	.0186100	.0196874
Stddev	.081089	.0027631	.0050676	.04989	.0024333	.0006090
%RSD	.8357800	2.641732	4.155453	.4784657	13.07532	3.093482

#1	9.757750	.1075012	.1257320	10.42226	.0182881	.0190448
#2	9.739671	.1042761	.1161935	10.47772	.0163536	.0202561
#3	9.609136	.1020025	.1239303	10.37816	.0211882	.0197612

Sample Name: PB155037BS Acquired: 08/29/2023 15:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190196	.1736160	.2075813	.0121743	.2193562	.0365814
Stddev	.0003069	.0086644	.0016548	.0015357	.0014745	.0007183
%RSD	1.613816	4.990546	.7971709	12.61401	.6722125	1.963583
#1	.0189970	.1701804	.2067084	.0110239	.2203269	.0358173
#2	.0187246	.1671962	.2094897	.0139181	.2176594	.0366840
#3	.0193373	.1834713	.2065457	.0115808	.2200822	.0372429

Elem	Sr4077
Units	ppm
Avg	.2178951
Stddev	.0004422
%RSD	.2029270
#1	.2177485
#2	.2183919
#3	.2175448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.972	45446.07	6477.585	1238.087	1863.939
Stddev	2.970	207.28	21.335	14.578	4.326
%RSD	.1829072	.4561046	.3293687	1.177459	.2320762
#1	1627.153	45244.92	6481.817	1224.501	1868.921
#2	1623.494	45434.31	6454.451	1236.272	1861.765
#3	1621.270	45658.98	6496.487	1253.487	1861.132

Sample Name: O4101-01 Acquired: 08/29/2023 15:15:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1135344	-.013978	19.36058	.0013996	2.243753	49.24746
Stddev	.0019122	.001227	.02891	.0055176	.005328	.04230
%RSD	1.684240	8.778973	.1493082	394.2167	.2374385	.0858931

#1	.1144703	-.014083	19.33250	-.004805	2.249452	49.29495
#2	.1147983	-.012702	19.39025	.005756	2.238898	49.23361
#3	.1113345	-.015149	19.35898	.003248	2.242909	49.21382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02511	.0032381	.1197664	123.6280	.6754650	.0768847
Stddev	.04430	.0001150	.0002095	.5000	.0014686	.0013707
%RSD	.4418495	3.552329	.1748784	.4044343	.2174262	1.782840

#1	10.07174	.0031122	.1196765	124.2051	.6759758	.0759627
#2	10.02002	.0033377	.1200058	123.3531	.6738092	.0762316
#3	9.98358	.0032644	.1196169	123.3258	.6766101	.0784599

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.82278	172.9115	7.614610	31.86270	.6080013	.1261549
Stddev	.04926	.2635	.017728	.04383	.0015610	.0008186
%RSD	.1547845	.1523679	.2328163	.1375522	.2567374	.6488941

#1	31.87960	173.1540	7.632929	31.90324	.6095824	.1252164
#2	31.79642	172.6312	7.613361	31.86867	.6079603	.1265265
#3	31.79231	172.9495	7.597539	31.81619	.6064613	.1267219

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	550.4131	.1385814	24.03047	31.87839	F 11.58955	6.656568
Stddev	1.7493	.0014968	.26172	.05982	.03907	.027316
%RSD	.3178117	1.080065	1.089127	.1876463	.3371255	.4103586

#1	552.2065	.1380010	23.73190	31.94293	11.55134	6.686156
#2	550.3213	.1402815	24.22027	31.86743	11.58788	6.651236
#3	548.7116	.1374618	24.13924	31.82480	11.62943	6.632311

Sample Name: O4101-01 Acquired: 08/29/2023 15:15:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531477	43.89617	8.785828	1.090629	2.409566	.1038170
Stddev	.0005960	.08634	.036060	.007193	.004189	.0008678
%RSD	1.121327	.1966962	.4104308	.6595197	.1738444	.8358411

#1	.0527070	43.79659	8.824267	1.084963	2.409912	.1037515
#2	.0529103	43.95031	8.780469	1.098721	2.413571	.1029840
#3	.0538258	43.94160	8.752747	1.088203	2.405215	.1047157

Elem	Sr4077
Units	ppm
Avg	.8734452
Stddev	.0017159
%RSD	.1964552

#1	.8720687
#2	.8753677
#3	.8728992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.565	44417.42	6617.673	1207.994	1607.066
Stddev	3.544	149.94	42.603	9.312	2.902
%RSD	.2226484	.3375617	.6437792	.7708807	.1805851

#1	1588.249	44341.68	6584.673	1218.032	1608.679
#2	1591.147	44320.45	6602.579	1199.636	1603.716
#3	1595.299	44590.11	6665.769	1206.315	1608.803

Sample Name: O4101-02 Acquired: 08/29/2023 15:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544172	-.002731	.8840315	.0131264	.0454453	39.66189
Stddev	.0020675	.000932	.0072156	.0025170	.0027614	.29873
%RSD	3.799399	34.13252	.8162117	19.17487	6.076422	.7531825

#1	.0566669	-.002480	.8759108	.0103088	.0472777	39.35713
#2	.0526004	-.003763	.8864778	.0151524	.0422692	39.95419
#3	.0539844	-.001950	.8897059	.0139181	.0467890	39.67435

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.621503	.0020686	.0287510	202.5847	.2735047	.0601778
Stddev	.014358	.0000246	.0002116	1.4036	.0013919	.0007127
%RSD	.8855011	1.187204	.7360218	.6928346	.5089001	1.184328

#1	1.606315	.0020883	.0286755	201.0951	.2721655	.0608829
#2	1.634856	.0020411	.0285875	203.8825	.2734048	.0601930
#3	1.623337	.0020765	.0289900	202.7766	.2749438	.0594577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7548427	86.16470	2.163112	35.86268	.1883695	.0292260
Stddev	.0069356	.79474	.011607	.30402	.0005730	.0002513
%RSD	.9188077	.9223530	.5365738	.8477319	.3041920	.8597067

#1	.7542872	85.30812	2.150110	35.55857	.1877114	.0293228
#2	.7620394	86.87815	2.172431	36.16661	.1886389	.0294145
#3	.7482017	86.30783	2.166793	35.86287	.1887582	.0289408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1029.083	.0946160	7.121319	36.48255	7.959980	.7423842
Stddev	7.028	.0040370	.036215	.11573	.021111	.0031923
%RSD	.6829496	4.266664	.5085424	.3172228	.2652131	.4300089

#1	1022.210	.0982392	7.144564	36.38914	7.939718	.7419221
#2	1036.256	.0953444	7.079592	36.61202	7.958376	.7457823
#3	1028.784	.0902645	7.139800	36.44650	7.981848	.7394480

Sample Name: O4101-02 Acquired: 08/29/2023 15:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109803	61.77307	5.458973	.1595692	2.497279	.1898955
Stddev	.0003451	.05429	.005838	.0017445	.020166	.0014782
%RSD	3.142608	.0878844	.1069505	1.093235	.8075251	.7784186

#1	.0110403	61.72517	5.453355	.1590854	2.476351	.1884998
#2	.0112914	61.83205	5.465009	.1581176	2.516585	.1914442
#3	.0106091	61.76201	5.458554	.1615044	2.498902	.1897426

Elem	Sr4077
Units	ppm
Avg	3.197173
Stddev	.015123
%RSD	.4730234

#1	3.185439
#2	3.214240
#3	3.191839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.946	42342.01	6531.517	1174.127	1555.208
Stddev	2.697	299.25	31.470	4.288	4.993
%RSD	.1739252	.7067450	.4818170	.3652282	.3210330

#1	1551.821	42687.55	6562.253	1176.139	1559.525
#2	1547.919	42167.27	6499.361	1177.040	1549.740
#3	1553.096	42171.22	6532.937	1169.203	1556.360

Sample Name: O4101-03 Acquired: 08/29/2023 15:23:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8774011	-.023505	F 185.9887	-.025345	3.179818	81.72713
Stddev	.0130013	.006612	.7381	.011257	.005876	.25653
%RSD	1.481792	28.12882	.3968359	44.41708	.1847780	.3138876

#1	.8766676	-.031139	185.4152	-.038319	3.175241	81.53457
#2	.8647820	-.019784	186.8214	-.019553	3.177771	81.62847
#3	.8907535	-.019593	185.7294	-.018163	3.186444	82.01834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.862676	.0058986	.1788944	208.1980	1.961663	.1641394
Stddev	.016390	.0001014	.0007074	.8460	.010017	.0014739
%RSD	.5725513	1.719157	.3954427	.4063360	.5106489	.8979244

#1	2.858025	.0058260	.1781401	208.2062	1.968996	.1627312
#2	2.849114	.0058553	.1795431	207.3479	1.950249	.1656712
#3	2.880889	.0060144	.1789999	209.0398	1.965743	.1640158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.80377	460.9533	11.33215	21.44807	1.719485	.9230878
Stddev	.06209	1.5457	.05355	.13847	.005200	.0025300
%RSD	.2503307	.3353277	.4725726	.6456137	.3023954	.2740747

#1	24.81921	459.7373	11.34625	21.29157	1.715177	.9225954
#2	24.73541	460.4298	11.27296	21.49794	1.725261	.9208403
#3	24.85668	462.6927	11.37725	21.55470	1.718017	.9258278

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.1888	.1440166	F 33.63311	34.42243	F 13.69346	.1694979
Stddev	.6886	.0031040	.08332	.16248	.05720	.0018223
%RSD	.4494945	2.155304	.2477265	.4720198	.4177311	1.075105

#1	153.9379	.1472062	33.65071	34.38948	13.65232	.1687817
#2	152.5835	.1438377	33.54239	34.27895	13.75878	.1681425
#3	153.0449	.1410060	33.70621	34.59886	13.66929	.1715694

Sample Name: O4101-03 Acquired: 08/29/2023 15:23:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531357	F 128.0761	4.308088	.2833270	2.896474	.0723310
Stddev	.0014817	.4688	.020985	.0011135	.006282	.0008538
%RSD	.9675880	.3660076	.4871137	.3930003	.2168809	1.180366
#1	.1514933	127.6801	4.312961	.2822211	2.889733	.0717439
#2	.1543721	128.5937	4.285095	.2833119	2.897527	.0719387
#3	.1535417	127.9543	4.326208	.2844479	2.902164	.0733104

Elem	Sr4077
Units	ppm
Avg	.8513503
Stddev	.0023195
%RSD	.2724491
#1	.8520033
#2	.8487743
#3	.8532733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.102	44954.20	6689.956	1199.185	1660.083
Stddev	3.274	137.08	18.708	1.682	5.081
%RSD	.2078339	.3049321	.2796362	.1402261	.3060417
#1	1577.588	44948.24	6684.689	1200.588	1663.257
#2	1571.393	45094.16	6710.733	1199.645	1654.223
#3	1576.325	44820.20	6674.447	1197.321	1662.768

Sample Name: O4101-04 Acquired: 08/29/2023 15:27:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214101	-.004157	1.378673	.0054370	.0224887	28.31846
Stddev	.0028821	.004602	.008613	.0025062	.0004181	.07701
%RSD	13.46146	110.7004	.6246978	46.09455	1.859041	.2719596

#1	.0243818	-.005061	1.385731	.0056276	.0220357	28.23082
#2	.0186269	-.008239	1.381211	.0028410	.0228596	28.34918
#3	.0212215	.000830	1.369076	.0078424	.0225710	28.37537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7152863	.0006216	.0183372	107.4361	.1386763	.0304795
Stddev	.0039602	.0000258	.0000756	.2929	.0009190	.0006439
%RSD	.5536500	4.151678	.4121907	.2725986	.6626766	2.112590

#1	.7108576	.0006021	.0183103	107.1532	.1385903	.0304822
#2	.7184872	.0006509	.0182787	107.7380	.1378034	.0311220
#3	.7165140	.0006120	.0184225	107.4172	.1396353	.0298342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4020654	25.18179	.6681480	10.70527	.2306480	.0111524
Stddev	.0020341	.13213	.0018878	.07522	.0008904	.0002720
%RSD	.5059060	.5246975	.2825462	.7026594	.3860366	2.439199

#1	.4042636	25.02929	.6659702	10.64319	.2314788	.0114018
#2	.4002498	25.25397	.6693184	10.68369	.2307572	.0111930
#3	.4016829	25.26210	.6691556	10.78892	.2297081	.0108623

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	232.9882	.0284363	2.482998	15.74989	F 11.86285	.6246329
Stddev	.7320	.0013917	.007348	.03432	.02219	.0017975
%RSD	.3141795	4.893939	.2959194	.2179354	.1870517	.2877666

#1	232.1430	.0268298	2.477433	15.71039	11.84947	.6251726
#2	233.4038	.0292079	2.480233	15.76677	11.88846	.6226274
#3	233.4178	.0292713	2.491326	15.77250	11.85061	.6260987

Sample Name: O4101-04 Acquired: 08/29/2023 15:27:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046469	81.64439	2.097042	.0773286	.7395905	.0240405
Stddev	.0003257	.02848	.003092	.0002503	.0036410	.0007453
%RSD	7.009878	.0348856	.1474270	.3237488	.4922939	3.100001

#1	.0048817	81.63333	2.094140	.0773833	.7377821	.0235327
#2	.0047840	81.67674	2.100293	.0775471	.7372078	.0236928
#3	.0042750	81.62310	2.096692	.0770554	.7437816	.0248961

Elem	Sr4077
Units	ppm
Avg	.6087903
Stddev	.0014362
%RSD	.2359134

#1	.6084737
#2	.6075389
#3	.6103585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.093	111388.0	16668.83	3020.736	1563.165
Stddev	13.054	211.2	31.66	13.720	2.260
%RSD	.3279810	.1895834	.1899469	.4541944	.1445636

#1	3994.353	111155.5	16653.10	3005.140	1565.256
#2	3977.194	111440.7	16648.11	3026.124	1563.470
#3	3968.732	111567.9	16705.27	3030.944	1560.768

Sample Name: O4101-05 Acquired: 08/29/2023 15:31:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155354	-.007704	3.365451	.0877592	.1327573	51.28293
Stddev	.0062893	.001115	.009073	.0021778	.0021970	.06938
%RSD	5.443601	14.46741	.2695815	2.481555	1.654916	.1352963

#1	.1141375	-.008942	3.355977	.0902623	.1352907	51.28050
#2	.1224060	-.007390	3.366316	.0862991	.1313749	51.35351
#3	.1100626	-.006780	3.374060	.0867161	.1316062	51.21480

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.975041	.0028765	.0676066	339.5095	.4323324	.0440223
Stddev	.009809	.0000919	.0001732	1.4709	.0022350	.0003192
%RSD	.4966373	3.194449	.2561803	.4332280	.5169661	.7250555

#1	1.980374	.0027947	.0675710	340.1490	.4314109	.0440974
#2	1.981027	.0029759	.0677948	340.5524	.4348808	.0442973
#3	1.963721	.0028588	.0674539	337.8272	.4307054	.0436723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192109	90.42056	3.649207	51.50363	.2247700	.0506977
Stddev	.008347	.04014	.014570	.13352	.0013748	.0001623
%RSD	.7001933	.0443931	.3992728	.2592428	.6116415	.3201345

#1	1.188944	90.46009	3.655494	51.39107	.2248106	.0505289
#2	1.201576	90.37984	3.659578	51.65115	.2233754	.0508525
#3	1.185807	90.42176	3.632549	51.46868	.2261241	.0507118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	257.6551	.1935414	9.185061	43.25699	F 76.24733	.8390404
Stddev	1.2590	.0030999	.049695	.18249	.13722	.0019307
%RSD	.4886348	1.601694	.5410395	.4218681	.1799626	.2301106

#1	258.3174	.1927129	9.161771	43.05421	76.10419	.8404799
#2	258.4448	.1909398	9.151288	43.40802	76.37774	.8397950
#3	256.2032	.1969714	9.242123	43.30872	76.26006	.8368463

Sample Name: O4101-05 Acquired: 08/29/2023 15:31:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117914	77.61673	5.970826	.7409393	2.881966	.0729377
Stddev	.0005582	.13074	.031826	.0006940	.001324	.0001921
%RSD	4.733854	.1684422	.5330259	.0936620	.0459365	.2633621

#1	.0114181	77.46843	5.939378	.7402421	2.880557	.0729972
#2	.0124331	77.66643	6.003017	.7409458	2.883184	.0727229
#3	.0115231	77.71533	5.970081	.7416300	2.882156	.0730930

Elem	Sr4077
Units	ppm
Avg	.9704123
Stddev	.0044246
%RSD	.4559484

#1	.9661015
#2	.9701929
#3	.9749425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.097	44799.02	6691.074	1209.558	1615.876
Stddev	2.636	231.01	18.236	3.598	1.492
%RSD	.1657665	.5156502	.2725368	.2974243	.0923645

#1	1587.305	44926.03	6702.442	1213.712	1617.577
#2	1592.543	44532.38	6670.040	1207.494	1615.267
#3	1590.442	44938.66	6700.739	1207.469	1614.785

Sample Name: O4101-06 Acquired: 08/29/2023 15:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1675620	-.121775	45.63788	-.111031	.8330227	71.70515
Stddev	.0024909	.005932	.07880	.013037	.0038567	.07158
%RSD	1.486548	4.871521	.1726717	11.74214	.4629811	.0998271

#1	.1703761	-.114937	45.56176	-.097151	.8297318	71.78452
#2	.1666703	-.125539	45.71912	-.123019	.8372666	71.64550
#3	.1656398	-.124849	45.63276	-.112924	.8320696	71.68542

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.447055	.0166153	.2193814	120.4646	1.674796	.1880654
Stddev	.009770	.0001209	.0007977	.2227	.004124	.0008677
%RSD	.2196935	.7274772	.3635953	.1848974	.2462154	.4614058

#1	4.452275	.0166649	.2185007	120.6204	1.672825	.1877167
#2	4.435784	.0167035	.2195879	120.2095	1.679535	.1890532
#3	4.453105	.0164775	.2200554	120.5640	1.672026	.1874262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.313976	F 1447.086	16.40889	25.91255	1.212998	.4135619
Stddev	.001610	1.104	.02915	.05402	.003774	.0009327
%RSD	.0373238	.0763066	.1776773	.2084518	.3111290	.2255157

#1	4.315379	1445.816	16.39240	25.85911	1.208643	.4126691
#2	4.314332	1447.825	16.39171	25.91143	1.215301	.4134866
#3	4.312218	1447.616	16.44255	25.96713	1.215051	.4145298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.23249	.2009779	10.84855	31.65763	F 11.57037	F -1.29851
Stddev	.25137	.0009444	.09180	.22327	.00963	.00339
%RSD	.3579180	.4698992	.8462243	.7052634	.0832568	.2611596

#1	70.49457	.2018748	10.83244	31.67431	11.56080	-1.29734
#2	69.99340	.1999923	10.76587	31.87209	11.57025	-1.30233
#3	70.20951	.2010666	10.94734	31.42648	11.58007	-1.29586

Sample Name: O4101-06 Acquired: 08/29/2023 15:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2976577	44.07638	7.492561	.4529606	3.568348	.1217487
Stddev	.0023283	.01335	.012976	.0007322	.005776	.0016609
%RSD	.7822082	.0302892	.1731807	.1616473	.1618702	1.364189
#1	.2953665	44.06207	7.478278	.4530188	3.574640	.1232616
#2	.3000214	44.07855	7.495783	.4536619	3.563286	.1199715
#3	.2975850	44.08850	7.503622	.4522010	3.567118	.1220130

Elem	Sr4077
Units	ppm
Avg	-.825217
Stddev	.002186
%RSD	.2649175
#1	-.823836
#2	-.824076
#3	-.827737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1549.089	45233.36	6707.599	1193.828	1644.332
Stddev	6.669	147.02	24.844	8.245	3.855
%RSD	.4305256	.3250163	.3703880	.6906322	.2344689
#1	1550.500	45376.95	6734.129	1199.145	1645.074
#2	1541.828	45239.99	6684.881	1198.008	1640.160
#3	1554.940	45083.14	6703.787	1184.330	1647.763

Sample Name: O4101-07 Acquired: 08/29/2023 15:38:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065563	-.011831	3.207889	.0086780	.0896182	93.69116	1.660960
Stddev	.0037085	.001226	.006678	.0024693	.0011369	.33251	.009964
%RSD	3.480335	10.36523	.2081700	28.45432	1.268580	.3548960	.5998774

#1	.1089692	-.010695	3.212557	.0090808	.0885337	93.57430	1.658942
#2	.1022862	-.013131	3.200240	.0060321	.0908011	93.43286	1.652160
#3	.1084137	-.011667	3.210870	.0109210	.0895200	94.06632	1.671779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048077	.1498048	134.4289	.2363030	.0827585	1.340065	185.7384
Stddev	.0000231	.0002699	.1349	.0006412	.0008752	.006543	.0588
%RSD	.4812035	.1801645	.1003482	.2713583	1.057569	.4882345	.0316584

#1	.0048085	.1499323	134.3296	.2370057	.0828376	1.341536	185.7518
#2	.0048304	.1494948	134.3747	.2361537	.0835916	1.332912	185.6741
#3	.0047841	.1499872	134.5825	.2357496	.0818465	1.345747	185.7894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.031680	31.42806	.3290401	.0450825	88.13363	.1931307	6.074595
Stddev	.017690	.07942	.0011768	.0008218	.29684	.0031095	.038571
%RSD	.2932892	.2526933	.3576412	1.822949	.3368111	1.610064	.6349555

#1	6.032329	31.49319	.3281068	.0456300	88.12621	.1942167	6.108372
#2	6.013675	31.45140	.3286514	.0454800	87.84057	.1955515	6.032566
#3	6.049037	31.33958	.3303620	.0441375	88.43412	.1896238	6.082847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.77593	9.540209	.0835728	.0253979	20.86625	11.49035	.0907189
Stddev	.09108	.062510	.0021573	.0003381	.05538	.03375	.0027965
%RSD	.3533437	.6552243	2.581377	1.331127	.2654187	.2937446	3.082599

#1	25.84404	9.477961	.0811070	.0250095	20.80233	11.45805	.0933709
#2	25.67248	9.539687	.0844992	.0256264	20.89651	11.48761	.0877974
#3	25.81127	9.602978	.0851123	.0255577	20.89991	11.52539	.0909884

Sample Name: O4101-07 Acquired: 08/29/2023 15:38:52 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLKA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.002536	.1320271	.3289924
Stddev	.014769	.0009117	.0010471
%RSD	.2952364	.6905620	.3182764

#1	5.001569	.1327729	.3301747
#2	4.988275	.1322977	.3286204
#3	5.017766	.1310107	.3281820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.406	47560.53	7018.791	1288.245	1727.924
Stddev	6.403	131.78	4.054	5.016	3.562
%RSD	.3801156	.2770714	.0577540	.3893590	.2061434

#1	1682.557	47425.78	7015.479	1284.105	1727.953
#2	1679.132	47566.70	7017.582	1293.822	1724.347
#3	1691.530	47689.12	7023.311	1286.807	1731.471

Sample Name: O4101-08 Acquired: 08/29/2023 15:42:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626949	-.004576	2.519618	.0040428	.0300745	40.11934
Stddev	.0066514	.004523	.008383	.0034202	.0028137	.13518
%RSD	10.60912	98.83018	.3327115	84.60086	9.355701	.3369491

#1	.0556452	-.004482	2.517205	.0079921	.0271500	40.02083
#2	.0688592	-.009145	2.512707	.0020612	.0303111	40.06373
#3	.0635803	-.000102	2.528943	.0020751	.0327624	40.27345

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205384	.0025114	.0470847	106.6112	.1007080	.0436688
Stddev	.006254	.0000571	.0003802	.5520	.0001442	.0006604
%RSD	.5188465	2.275363	.8075358	.5178121	.1431811	1.512282

#1	1.206714	.0025743	.0466615	106.7959	.1005713	.0436142
#2	1.198572	.0024626	.0471949	105.9905	.1006941	.0430373
#3	1.210866	.0024974	.0473976	107.0472	.1008587	.0443547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6248819	72.69989	3.367223	18.66862	.1240098	.0172281
Stddev	.0022455	.37846	.019495	.09516	.0005495	.0007077
%RSD	.3593468	.5205832	.5789612	.5097482	.4431399	4.108007

#1	.6249784	72.79328	3.373010	18.72232	.1234947	.0180195
#2	.6225898	72.28347	3.345490	18.55874	.1239464	.0166558
#3	.6270777	73.02291	3.383170	18.72479	.1245883	.0170091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 971.0600	.0911158	4.433406	37.07412	F 25.90272	.4140075
Stddev	2.5364	.0037883	.019897	.14272	.08221	.0056813
%RSD	.2612002	4.157691	.4487961	.3849645	.3173653	1.372282

#1	972.0237	.0943693	4.454087	37.06988	25.80786	.4125601
#2	968.1830	.0869568	4.431732	36.93356	25.95311	.4091899
#3	972.9733	.0920215	4.414398	37.21891	25.94719	.4202726

Sample Name: O4101-08 Acquired: 08/29/2023 15:42:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089202	33.98759	8.238469	.0774664	1.359207	.0451988
Stddev	.0002527	.07268	.084355	.0005423	.003541	.0004962
%RSD	2.832803	.2138570	1.023919	.7000439	.2604969	1.097722
#1	.0090506	33.92708	8.193188	.0775980	1.358737	.0449014
#2	.0090810	33.96749	8.186423	.0779309	1.355925	.0449235
#3	.0086290	34.06822	8.335796	.0768705	1.362959	.0457716

Elem	Sr4077
Units	ppm
Avg	.3386800
Stddev	.0008678
%RSD	.2562411
#1	.3383511
#2	.3396642
#3	.3380246

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.872	47515.02	7251.797	1316.419	1554.463
Stddev	4.258	185.60	60.875	2.857	2.964
%RSD	.2464115	.3906122	.8394472	.2170614	.1906969
#1	1723.262	47331.24	7269.886	1319.619	1554.229
#2	1731.657	47511.44	7301.578	1315.515	1557.537
#3	1728.696	47702.38	7183.928	1314.123	1551.622

Sample Name: O4101-09 Acquired: 08/29/2023 15:46:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628708	-.006336	1.448979	.0136782	.0421951	65.52589
Stddev	.0018995	.000973	.004616	.0065251	.0014037	.23338
%RSD	3.021274	15.34980	.3185970	47.70479	3.326570	.3561641

#1	.0630684	-.005754	1.448897	.0173975	.0408834	65.77882
#2	.0608802	-.007459	1.444405	.0174932	.0420265	65.31889
#3	.0646637	-.005795	1.453636	.0061438	.0436754	65.47996

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.095825	.0032598	.0284617	97.42913	.1270685	.0415131
Stddev	.006047	.0000781	.0001002	.19301	.0013646	.0008084
%RSD	.5518554	2.396425	.3520475	.1981012	1.073886	1.947417

#1	1.102676	.0033476	.0283663	97.61606	.1270924	.0424224
#2	1.093568	.0031981	.0285661	97.23056	.1284209	.0412412
#3	1.091231	.0032335	.0284526	97.44077	.1256921	.0408756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4446243	95.95894	2.846006	31.78629	.1255542	.0152620
Stddev	.0061314	.12426	.005992	.05612	.0002639	.0005311
%RSD	1.379015	.1294917	.2105553	.1765544	.2101824	3.480133

#1	.4379326	96.06590	2.844647	31.78173	.1253317	.0156029
#2	.4459676	95.82264	2.852561	31.73258	.1254850	.0155331
#3	.4499727	95.98829	2.840809	31.84455	.1258458	.0146500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	652.6491	.1103026	4.182094	59.02029	F 20.02344	.3708058
Stddev	2.2661	.0029600	.030337	.11841	.02859	.0031561
%RSD	.3472224	2.683501	.7254137	.2006290	.1427967	.8511404

#1	655.2350	.1086549	4.206091	59.15462	20.03654	.3736573
#2	651.7034	.1085330	4.192196	58.93104	20.04314	.3674147
#3	651.0091	.1137197	4.147994	58.97519	19.99065	.3713455

Sample Name: O4101-09 Acquired: 08/29/2023 15:46:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079446	66.39712	9.415813	.0467791	2.945767	.0923455
Stddev	.0007774	.12493	.030892	.0025304	.006053	.0004935
%RSD	9.784791	.1881570	.3280874	5.409299	.2054784	.5344348
#1	.0076494	66.29447	9.423240	.0496309	2.941739	.0924761
#2	.0088264	66.36067	9.381885	.0448022	2.942834	.0927606
#3	.0073581	66.53623	9.442315	.0459042	2.952727	.0917998

Elem	Sr4077
Units	ppm
Avg	.2379378
Stddev	.0010194
%RSD	.4284493
#1	.2389354
#2	.2368978
#3	.2379800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.335	44505.68	6696.797	1224.732	1589.602
Stddev	3.507	329.19	26.374	13.630	3.582
%RSD	.2196958	.7396596	.3938344	1.112906	.2253603
#1	1595.275	44327.19	6668.039	1212.605	1589.046
#2	1600.250	44304.28	6702.495	1222.109	1593.430
#3	1593.480	44885.57	6719.856	1239.484	1586.331

Sample Name: O4101-10 Acquired: 08/29/2023 15:50:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630245	-.008536	1.492870	.0145789	.0411776	67.47183
Stddev	.0111236	.004165	.003639	.0045156	.0008630	.20255
%RSD	17.64961	48.79476	.2437349	30.97328	2.095858	.3001944

#1	.0587675	-.013299	1.490127	.0118525	.0418993	67.26251
#2	.0546582	-.006733	1.491485	.0120930	.0414118	67.66685
#3	.0756479	-.005577	1.496998	.0197912	.0402216	67.48612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.131678	.0033122	.0294439	100.8038	.1318068	.0430742
Stddev	.004423	.0000893	.0001010	.4168	.0008427	.0002807
%RSD	.3908669	2.694528	.3429557	.4135158	.6393679	.6515812

#1	1.131253	.0033321	.0294505	100.8067	.1318888	.0429874
#2	1.136298	.0033898	.0293397	101.2192	.1309260	.0433880
#3	1.127482	.0032147	.0295414	100.3855	.1326055	.0428472

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4417927	99.09026	2.940748	32.77128	.1288418	.0150144
Stddev	.0014600	.26149	.008349	.10982	.0001634	.0001997
%RSD	.3304747	.2638943	.2839035	.3351239	.1267840	1.329762

#1	.4434753	98.90667	2.940214	32.72216	.1290270	.0149839
#2	.4408603	99.38966	2.949351	32.89709	.1287183	.0152275
#3	.4410426	98.97445	2.932679	32.69459	.1287801	.0148317

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	676.0652	.1122300	4.308573	60.81316	F 20.68809	.3820652
Stddev	1.5281	.0013696	.009529	.15413	.05534	.0034850
%RSD	.2260269	1.220363	.2211617	.2534455	.2674829	.9121371

#1	674.8256	.1124769	4.319430	60.63519	20.74908	.3804256
#2	677.7725	.1107538	4.304690	60.90073	20.67410	.3860676
#3	675.5976	.1134594	4.301598	60.90355	20.64109	.3797025

Sample Name: O4101-10 Acquired: 08/29/2023 15:50:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080466	68.37517	10.11256	.0468741	3.061024	.0968615
Stddev	.0002792	.13123	.08084	.0007076	.004731	.0003908
%RSD	3.469708	.1919307	.7993795	1.509646	.1545430	.4034505

#1	.0083145	68.52657	10.10053	.0473913	3.055775	.0972865
#2	.0080680	68.29383	10.19874	.0460677	3.064957	.0965177
#3	.0077573	68.30513	10.03841	.0471633	3.062341	.0967803

Elem	Sr4077
Units	ppm
Avg	.2372011
Stddev	.0009318
%RSD	.3928368

#1	.2374544
#2	.2361688
#3	.2379801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.116	44322.57	6647.477	1207.512	1583.519
Stddev	2.508	97.31	28.804	3.021	1.346
%RSD	.1576959	.2195542	.4333056	.2501543	.0849776

#1	1592.975	44249.20	6641.402	1206.322	1583.755
#2	1588.287	44432.96	6622.196	1210.947	1584.732
#3	1589.086	44285.54	6678.834	1205.268	1582.072

Sample Name: O4101-09LX5 Acquired: 08/29/2023 15:58:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156170	-.001847	.2846790	-.002108	.0069684	13.30429	.2259222
Stddev	.0041928	.000917	.0019558	.004228	.0016654	.02867	.0011966
%RSD	26.84780	49.63996	.6870213	200.5591	23.89965	.2155162	.5296416

#1	.0194249	-.001591	.2868449	-.006979	.0056741	13.31641	.2271778
#2	.0111237	-.001085	.2830422	.000058	.0063838	13.32492	.2257937
#3	.0163024	-.002865	.2841498	.000598	.0088473	13.27155	.2247950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006086	.0054946	19.65531	.0260241	.0072011	.0909042	19.93425
Stddev	.0001396	.0001017	.04528	.0001751	.0002820	.0039769	.02957
%RSD	22.93772	1.851252	.2303942	.6729889	3.916142	4.374813	.1483176

#1	.0007299	.0055581	19.64034	.0259536	.0071139	.0889923	19.90061
#2	.0006398	.0055483	19.70619	.0258952	.0069730	.0882442	19.95612
#3	.0004560	.0053773	19.61941	.0262235	.0075164	.0954759	19.94602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5810604	6.536120	.0236829	.0031461	133.3738	.0216106	.8341260
Stddev	.0002521	.030680	.0001186	.0001241	.2078	.0021686	.0139294
%RSD	.0433797	.4693938	.5007756	3.945844	.1557796	10.03486	1.669939

#1	.5812364	6.565027	.0236535	.0030208	133.1341	.0207053	.8267240
#2	.5807717	6.539402	.0235818	.0032690	133.4864	.0240852	.8501937
#3	.5811732	6.503931	.0238134	.0031485	133.5010	.0200414	.8254602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.99356	3.690539	.0799368	.0013484	12.15905	1.971483	.0102060
Stddev	.12004	.013026	.0007859	.0001766	.03279	.020639	.0014200
%RSD	1.000838	.3529481	.9830926	13.09544	.2697040	1.046870	13.91359

#1	11.86879	3.689680	.0808307	.0013499	12.19478	1.991705	.0088638
#2	12.10823	3.677965	.0796250	.0011711	12.13031	1.972294	.0116928
#3	12.00365	3.703973	.0793547	.0015242	12.15207	1.950451	.0100615

Sample Name: O4101-09LX5 Acquired: 08/29/2023 15:58:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6044691	.0231876	.0483916
Stddev	.0022275	.0011119	.0001655
%RSD	.3684982	4.795094	.3419709

#1	.6049230	.0221157	.0482225
#2	.6064347	.0231117	.0485532
#3	.6020497	.0243355	.0483990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.087	44337.11	6485.937	1213.971	1744.210
Stddev	2.556	68.61	39.554	12.827	1.488
%RSD	.1606407	.1547434	.6098370	1.056636	.0853224

#1	1594.014	44398.67	6454.600	1228.173	1745.367
#2	1589.298	44349.51	6472.830	1203.228	1742.531
#3	1589.948	44263.15	6530.380	1210.512	1744.731

Sample Name: O4101-12 Acquired: 08/29/2023 16:02:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453080	-.002483	.8287049	.0164189	.0261174	63.72534
Stddev	.0065790	.001255	.0048760	.0105701	.0021741	.21074
%RSD	14.52056	50.56418	.5883945	64.37788	8.324307	.3307023

#1	.0408682	-.003925	.8341481	.0074139	.0286143	63.55969
#2	.0421894	-.001641	.8247364	.0137862	.0246436	63.65379
#3	.0528663	-.001881	.8272304	.0280565	.0250943	63.96254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.348761	.0033756	.0197410	202.0492	.1055932	.0425422
Stddev	.005766	.0000491	.0004302	1.1155	.0003821	.0004928
%RSD	.4275357	1.455682	2.179384	.5521137	.3618653	1.158368

#1	1.345850	.0033494	.0192612	201.6569	.1057287	.0426883
#2	1.345030	.0033451	.0198694	201.1828	.1058891	.0429455
#3	1.355402	.0034323	.0200925	203.3079	.1051618	.0419929

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219148	94.61243	2.894825	45.82064	.1215083	.0178574
Stddev	.0045828	.28171	.020573	.21905	.0005064	.0004662
%RSD	.8780781	.2977490	.7106939	.4780512	.4167169	2.610786

#1	.5177052	94.48088	2.884594	45.68361	.1216113	.0175411
#2	.5212426	94.42056	2.881373	45.70504	.1219552	.0183928
#3	.5267966	94.93585	2.918508	46.07327	.1209584	.0176382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	250.3591	.1504550	3.037331	43.22204	F 14.25024	.2613693
Stddev	.5768	.0010220	.014817	.12578	.02301	.0035641
%RSD	.2303717	.6792992	.4878245	.2910054	.1614405	1.363619

#1	249.9541	.1494882	3.020289	43.18634	14.27269	.2608439
#2	250.1038	.1503521	3.044542	43.36181	14.22671	.2580971
#3	251.0195	.1515245	3.047162	43.11797	14.25131	.2651669

Sample Name: O4101-12 Acquired: 08/29/2023 16:02:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064308	41.56417	10.05517	.0617399	3.694141	.0801597
Stddev	.0009662	.04108	.09924	.0046763	.014807	.0016181
%RSD	15.02494	.0988462	.9869489	7.574169	.4008109	2.018557

#1	.0072613	41.61052	10.07607	.0622406	3.678950	.0784730
#2	.0053704	41.54976	9.94714	.0568334	3.694942	.0803071
#3	.0066608	41.53223	10.14229	.0661457	3.708530	.0816990

Elem	Sr4077
Units	ppm
Avg	.4423456
Stddev	.0014178
%RSD	.3205121

#1	.4415846
#2	.4439814
#3	.4414709

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.518	45491.58	6757.066	1238.704	1638.996
Stddev	2.471	126.23	33.669	4.646	2.425
%RSD	.1530483	.2774699	.4982801	.3750299	.1479801

#1	1616.595	45457.49	6745.493	1233.995	1640.098
#2	1611.785	45385.89	6794.995	1238.836	1636.215
#3	1615.175	45631.34	6730.709	1243.283	1640.675

Sample Name: O4101-13 Acquired: 08/29/2023 16:06:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783975	-.006762	1.946868	.0051039	.0280559	83.63592
Stddev	.0132117	.004530	.004127	.0045855	.0026909	.21550
%RSD	16.85214	66.99031	.2119768	89.84204	9.591289	.2576666

#1	.0830259	-.005408	1.948177	.0019450	.0276552	83.84014
#2	.0886723	-.011815	1.942246	.0103634	.0255878	83.41068
#3	.0634944	-.003064	1.950183	.0030033	.0309247	83.65693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717921	.0042680	.0429850	425.9846	.2956382	.0498855
Stddev	.010282	.0000831	.0001835	1.6084	.0007649	.0006367
%RSD	.5984871	1.947762	.4269956	.3775781	.2587225	1.276216

#1	1.728875	.0043613	.0428218	427.5915	.2954120	.0491540
#2	1.708479	.0042020	.0431838	424.3747	.2964907	.0501887
#3	1.716408	.0042406	.0429496	425.9876	.2950119	.0503140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.316988	122.6102	4.134393	42.14924	.2313142	.0218278
Stddev	.006055	.4626	.013171	.20039	.0009869	.0001062
%RSD	.4597884	.3773197	.3185766	.4754374	.4266438	.4864533

#1	1.310463	122.9935	4.146102	42.32373	.2304694	.0217067
#2	1.322426	122.0963	4.120133	41.93038	.2323989	.0218714
#3	1.318074	122.7408	4.136945	42.19362	.2310743	.0219052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.28695	.1484981	3.902837	44.29539	F 14.39198	.0669408
Stddev	.32103	.0015737	.010856	.13906	.03149	.0042977
%RSD	.6648392	1.059714	.2781648	.3139342	.2187965	6.420134

#1	48.57725	.1500791	3.890929	44.42343	14.37402	.0717076
#2	47.94216	.1469319	3.905397	44.14745	14.37357	.0657524
#3	48.34144	.1484833	3.912184	44.31528	14.42834	.0633624

Sample Name: O4101-13 Acquired: 08/29/2023 16:06:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050971	23.07435	9.527121	.1435958	3.708021	.0906329
Stddev	.0005092	.07304	.055520	.0031969	.011425	.0004228
%RSD	9.989939	.3165511	.5827525	2.226319	.3081199	.4664621
#1	.0056783	23.07043	9.574403	.1450871	3.718745	.0910683
#2	.0048830	23.00335	9.540974	.1399257	3.696005	.0906064
#3	.0047298	23.14927	9.465987	.1457745	3.709312	.0902240

Elem	Sr4077
Units	ppm
Avg	1.061210
Stddev	.003162
%RSD	.2979866
#1	1.061993
#2	1.057729
#3	1.063907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.087	45989.52	6835.724	1232.784	1652.828
Stddev	2.531	107.04	29.430	1.917	2.879
%RSD	.1568106	.2327485	.4305364	.1555326	.1742026
#1	1614.765	46036.67	6803.522	1234.917	1655.223
#2	1616.210	46064.89	6842.420	1232.232	1653.626
#3	1611.286	45867.00	6861.229	1231.204	1649.634

Sample Name: O4101-14 Acquired: 08/29/2023 16:10:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822812	-.009632	2.253956	.0052405	.0568998	102.5905
Stddev	.0099581	.005315	.011986	.0062768	.0042480	.3748
%RSD	12.10252	55.17405	.5317877	119.7756	7.465856	.3653392

#1	.0937369	-.005552	2.255798	.0052061	.0553845	102.8413
#2	.0756936	-.007704	2.241156	-.001019	.0616977	102.7705
#3	.0774131	-.015642	2.264915	.011534	.0536171	102.1596

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969465	.0050984	.0282845	89.67386	.1459885	.0817807
Stddev	.009564	.0000549	.0002257	.20426	.0004483	.0005987
%RSD	.4856202	1.077422	.7978172	.2277865	.3070671	.7321098

#1	1.976879	.0050682	.0280778	89.85345	.1461529	.0811193
#2	1.972847	.0050652	.0282505	89.71649	.1463313	.0822856
#3	1.958670	.0051618	.0285252	89.45165	.1454812	.0819373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7034384	130.5414	4.208121	40.84548	.1752939	.0244175
Stddev	.0028627	.6171	.013267	.22143	.0014582	.0000786
%RSD	.4069570	.4727278	.3152799	.5421098	.8318323	.3219757

#1	.7067050	131.1144	4.222034	40.98771	.1741834	.0244714
#2	.7022432	130.6217	4.206718	40.95837	.1747531	.0244537
#3	.7013670	129.8880	4.195611	40.59036	.1769452	.0243273

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	132.0288	.1621814	4.270404	43.71210	F 17.07908	.6721691
Stddev	.2959	.0021829	.044206	.24431	.07645	.0051305
%RSD	.2240971	1.345959	1.035178	.5589093	.4476231	.7632750

#1	131.9103	.1645420	4.317926	43.69493	16.99644	.6717883
#2	132.3656	.1602358	4.230504	43.96454	17.09350	.6774793
#3	131.8106	.1617662	4.262782	43.47683	17.14729	.6672395

Sample Name: O4101-14 Acquired: 08/29/2023 16:10:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102866	54.28357	10.47618	.0564348	4.330341	.1721360
Stddev	.0006263	.21680	.02712	.0025054	.012917	.0016923
%RSD	6.088421	.3993845	.2588793	4.439511	.2982800	.9831093

#1	.0101170	54.18141	10.46465	.0592706	4.333048	.1717069
#2	.0097625	54.13672	10.50716	.0555126	4.341690	.1740015
#3	.0109802	54.53258	10.45673	.0545212	4.316286	.1706996

Elem	Sr4077
Units	ppm
Avg	.3010921
Stddev	.0006130
%RSD	.2035955

#1	.3016610
#2	.3011725
#3	.3004429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.892	47798.35	7039.309	1297.831	1719.099
Stddev	1.875	177.47	28.546	4.896	3.492
%RSD	.1106829	.3712915	.4055191	.3772681	.2031040

#1	1692.896	47855.85	7055.490	1294.088	1722.443
#2	1696.054	47939.94	7006.349	1303.372	1719.376
#3	1692.724	47599.26	7056.087	1296.032	1715.477

Sample Name: CCV013 Acquired: 08/29/2023 16:14:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001228	4.930778	24.64164	4.880150	4.961109	401.8373	10.80867
Stddev	.024983	.041536	.19350	.034593	.036735	.7268	.01290
%RSD	.4995358	.8423797	.7852647	.7088416	.7404633	.1808659	.1193155

#1	4.983335	4.901163	24.55559	4.862099	4.935908	401.0495	10.79401
#2	4.990579	4.912914	24.50608	4.858318	4.944160	402.4817	10.81825
#3	5.029771	4.978257	24.86324	4.920035	5.003258	401.9807	10.81376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4954880	2.449865	395.8908	15.10216	2.495238	15.51523	398.9117
Stddev	.0028206	.017732	1.1135	.01826	.019863	.02916	.9574
%RSD	.5692508	.7237825	.2812747	.1208990	.7960431	.1879371	.2400099

#1	.4986495	2.438452	395.6958	15.11046	2.486600	15.48698	398.1665
#2	.4945849	2.440850	397.0890	15.08122	2.481156	15.54522	399.9915
#3	.4932296	2.470293	394.8877	15.11479	2.517957	15.51350	398.5771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88251	391.7281	2.483695	1.302858	390.7774	2.484786	14.53968
Stddev	.03083	.6655	.015913	.005078	1.1882	.008643	.17530
%RSD	.2071538	.1698968	.6407100	.3897360	.3040620	.3478528	1.205688

#1	14.87201	391.2888	2.470801	1.297030	390.2703	2.476554	14.37670
#2	14.91722	392.4938	2.478804	1.305211	392.1350	2.493789	14.51720
#3	14.85831	391.4016	2.501480	1.306332	389.9269	2.484016	14.72514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.1261	5.283365	4.644518	4.719887	5.172942	4.912247	4.915192
Stddev	.4008	.043644	.023723	.044037	.053954	.024740	.033316
%RSD	.2551078	.8260618	.5107732	.9330170	1.043012	.5036439	.6778155

#1	156.7060	5.240825	4.671077	4.694582	5.145899	4.939081	4.897688
#2	157.5044	5.281237	4.625430	4.694342	5.137857	4.907317	4.894277
#3	157.1678	5.328034	4.637047	4.770736	5.235070	4.890343	4.953612

Sample Name: CCV013 Acquired: 08/29/2023 16:14:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.076105	5.377019	4.705041
Stddev	.002461	.011984	.063880
%RSD	.0484748	.2228708	1.357691

#1	5.078260	5.363187	4.769246
#2	5.073424	5.383612	4.704385
#3	5.076631	5.384259	4.641491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.872	39347.40	5984.527	1021.220	1400.166
Stddev	9.895	45.90	39.218	3.842	9.538
%RSD	.7390247	.1166478	.6553259	.3761866	.6812254

#1	1341.356	39394.98	5947.915	1022.332	1403.479
#2	1347.288	39303.40	5979.752	1024.382	1407.605
#3	1327.972	39343.83	6025.914	1016.945	1389.412

Sample Name: CCB013 Acquired: 08/29/2023 16:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067045	-.001929	-.000431	.0031559	-.000240	.0097406	.0001542
Stddev	.0020083	.000735	.001134	.0036972	.000656	.0054536	.0003398
%RSD	29.95462	38.09253	263.3536	117.1531	273.4480	55.98842	220.4103

#1	.0043945	-.001086	.000172	-.000116	-.000336	.0071455	.0000289
#2	.0076830	-.002269	-.001738	.002418	-.000843	.0060691	-.000105
#3	.0080360	-.002433	.000275	.007167	.000459	.0160071	.000539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000144	-.000081	-.004766	.0000973	.0001547	.0014889	.0116447
Stddev	.000031	.000138	.003586	.0006514	.0001619	.0013220	.0067326
%RSD	21.50446	171.5591	75.23691	669.1158	104.6843	88.79057	57.81670

#1	-.000108	.000079	-.002809	-.000378	.0000469	.0006285	.0147768
#2	-.000161	-.000165	-.008904	-.000169	.0000763	.0030110	.0162405
#3	-.000162	-.000156	-.002585	.000840	.0003409	.0008271	.0039166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000749	.0154698	-.000394	.0006656	-.318701	-.000440	.0039887
Stddev	.0005427	.0197568	.000148	.0000694	.297375	.002443	.0069661
%RSD	724.4696	127.7123	37.64114	10.42808	93.30869	555.0376	174.6471

#1	.0002245	.0104657	-.000293	.0005936	.022969	.002377	.0116446
#2	-.000527	.0372475	-.000565	.0006712	-.519175	-.001736	-.001976
#3	.000527	-.001304	-.000326	.0007321	-.459896	-.001961	.002298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1405078	.0016752	.0096855	.0006649	.0179594	.0040716	-.000658
Stddev	.0455405	.0020108	.0005083	.0004652	.0042262	.0010812	.000204
%RSD	32.41134	120.0356	5.248345	69.96495	23.53188	26.55408	31.00113

#1	.0931468	.0013429	.0097004	.0008738	.0155716	.0050568	-.000429
#2	.1443985	-.000149	.0101862	.0009891	.0228390	.0029149	-.000725
#3	.1839781	.003831	.0091699	.0001319	.0154675	.0042430	-.000821

Sample Name: CCB013 Acquired: 08/29/2023 16:18:44 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000352	.0059225	.0000146
Stddev	.001515	.0009564	.0000094
%RSD	430.3035	16.14947	64.23792

#1	-.002003	.0058283	.0000106
#2	.000974	.0050166	.0000079
#3	-.000026	.0069225	.0000253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.453	45106.65	6395.023	1229.611	1851.318
Stddev	6.108	27.37	60.318	3.933	1.858
%RSD	.3790095	.0606692	.9431986	.3198332	.1003867

#1	1606.902	45136.44	6330.000	1229.013	1849.947
#2	1618.394	45100.89	6405.920	1226.011	1853.433
#3	1609.062	45082.63	6449.150	1233.808	1850.573

Sample Name: O4101-15 Acquired: 08/29/2023 16:22:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0772822	-.009675	2.713941	.0139080	.0596154	73.49491
Stddev	.0092152	.003042	.001938	.0035462	.0009255	.24748
%RSD	11.92409	31.43772	.0714111	25.49727	1.552385	.3367335

#1	.0800834	-.010882	2.714916	.0162723	.0585606	73.55386
#2	.0669914	-.011929	2.715198	.0098306	.0602915	73.22327
#3	.0847717	-.006216	2.711709	.0156212	.0599940	73.70759

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725450	.0036935	.0327832	412.0842	.2210465	.0420128
Stddev	.008267	.0000846	.0001941	1.4121	.0004490	.0005465
%RSD	.2218943	2.290857	.5921978	.3426715	.2031098	1.300707

#1	3.729038	.0037817	.0329092	413.1243	.2209930	.0426412
#2	3.715996	.0036857	.0328807	410.4767	.2206267	.0416498
#3	3.731316	.0036130	.0325596	412.6518	.2215199	.0417473

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8413527	107.6956	3.575260	59.82155	.2860107	.0292487
Stddev	.0030741	.2923	.008195	.07328	.0013471	.0003727
%RSD	.3653763	.2714332	.2292046	.1225042	.4709832	1.274302

#1	.8416965	107.8273	3.573034	59.75806	.2848532	.0296737
#2	.8381212	107.3607	3.568408	59.80485	.2856896	.0289777
#3	.8442405	107.8990	3.584337	59.90174	.2874893	.0290947

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	205.7335	.1696995	6.035165	58.57973	F 24.98831	2.976911
Stddev	.5732	.0028371	.040397	.30234	.02130	.019789
%RSD	.2786095	1.671818	.6693682	.5161247	.0852249	.6647587

#1	206.1455	.1725850	6.020815	58.90946	25.00349	2.978938
#2	205.0789	.1669135	6.080778	58.31552	24.96396	2.956186
#3	205.9761	.1696000	6.003900	58.51419	24.99746	2.995608

Sample Name: O4101-15 Acquired: 08/29/2023 16:22:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217629	61.33544	9.253832	.0473154	2.867975	.0983629
Stddev	.0003822	.03053	.051289	.0012253	.009792	.0005854
%RSD	1.756267	.0497806	.5542476	2.589577	.3414336	.5951884

#1	.0220325	61.35337	9.270565	.0469135	2.867743	.0984571
#2	.0219307	61.30018	9.196266	.0486912	2.858301	.0988956
#3	.0213255	61.35276	9.294665	.0463416	2.877882	.0977361

Elem	Sr4077
Units	ppm
Avg	.8740180
Stddev	.0024427
%RSD	.2794754

#1	.8764558
#2	.8715705
#3	.8740275

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.272	45123.49	6750.231	1220.946	1602.492
Stddev	2.568	161.52	31.854	7.260	1.197
%RSD	.1606461	.3579435	.4718901	.5946315	.0747027

#1	1597.726	45253.22	6733.640	1219.729	1601.132
#2	1596.021	44942.58	6786.956	1214.371	1603.385
#3	1601.069	45174.67	6730.098	1228.738	1602.959

Sample Name: O4101-16 Acquired: 08/29/2023 16:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336475	.0020504	1.629880	.0040060	.0264497	18.66486
Stddev	.0074914	.0028879	.001040	.0023448	.0011101	.03387
%RSD	22.26431	140.8452	.0637873	58.53083	4.196894	.1814380

#1	.0333183	.0051423	1.628903	.0023173	.0260845	18.62745
#2	.0263262	-.000577	1.630973	.0030176	.0255683	18.69342
#3	.0412981	.001586	1.629763	.0066831	.0276964	18.67371

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.135312	.0026749	.0103471	86.03936	.0524865	.0238965
Stddev	.004675	.0000772	.0000896	.32806	.0003581	.0000723
%RSD	.4118221	2.886358	.8656377	.3812874	.6822314	.3024381

#1	1.130724	.0025926	.0103501	86.13121	.0525187	.0238334
#2	1.140070	.0027458	.0102560	86.31171	.0528274	.0238809
#3	1.135142	.0026862	.0104351	85.67517	.0521134	.0239754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2791880	35.60964	1.309859	16.40866	.0977703	.0147331
Stddev	.0012796	.14649	.003842	.17052	.0001070	.0000588
%RSD	.4583157	.4113903	.2933328	1.039183	.1094321	.3992854

#1	.2778051	35.75247	1.308829	16.56682	.0977191	.0146726
#2	.2794290	35.61672	1.314111	16.43115	.0976985	.0147368
#3	.2803299	35.45974	1.306636	16.22802	.0978932	.0147900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1149.907	.0443259	1.949301	85.26251	F 33.34047	.7187839
Stddev	2.258	.0023129	.004940	.12153	.00900	.0010318
%RSD	.1963909	5.217890	.2534393	.1425368	.0270038	.1435518

#1	1147.310	.0419757	1.954946	85.23438	33.33857	.7181377
#2	1151.412	.0465995	1.945766	85.15750	33.35027	.7182402
#3	1150.999	.0444027	1.947191	85.39563	33.33256	.7199739

Sample Name: O4101-16 Acquired: 08/29/2023 16:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078473	42.20243	7.635848	.0331868	.8161057	.0304624
Stddev	.0007686	.05801	.021464	.0041902	.0024549	.0017173
%RSD	9.795101	.1374623	.2810959	12.62616	.3008089	5.637461
#1	.0081209	42.20759	7.657814	.0302036	.8186613	.0302120
#2	.0084417	42.14201	7.634806	.0379774	.8137657	.0288840
#3	.0069792	42.25769	7.614924	.0313794	.8158901	.0322911

Elem	Sr4077
Units	ppm
Avg	.3447900
Stddev	.0005276
%RSD	.1530340
#1	.3449753
#2	.3441946
#3	.3451999

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.201	42685.71	6500.732	1191.140	1549.581
Stddev	1.924	41.05	8.398	4.316	1.638
%RSD	.1232251	.0961568	.1291806	.3623348	.1057040
#1	1562.575	42675.91	6499.402	1189.099	1550.790
#2	1559.002	42650.44	6493.078	1188.223	1547.717
#3	1562.025	42730.76	6509.715	1196.098	1550.237

Sample Name: O4101-17 Acquired: 08/29/2023 16:30:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535314	-.009436	.6530628	.0132461	.0634166	32.57752
Stddev	.0106103	.003820	.0019873	.0043874	.0020789	.08711
%RSD	19.82082	40.48212	.3043053	33.12247	3.278205	.2673913

#1	.0628111	-.005500	.6542426	.0083883	.0624033	32.48278
#2	.0419637	-.009680	.6507684	.0169203	.0620386	32.59564
#3	.0558194	-.013129	.6541774	.0144296	.0658078	32.65415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.743735	.0017625	.0122735	174.6888	.1314654	.0576754
Stddev	.002355	.0001025	.0002609	.3299	.0011440	.0005053
%RSD	.1350684	5.817566	2.125560	.1888374	.8701574	.8761712

#1	1.741123	.0017028	.0122884	174.8464	.1303367	.0578629
#2	1.745696	.0017038	.0125266	174.9104	.1314354	.0580602
#3	1.744386	.0018809	.0120055	174.3097	.1326240	.0571031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5527721	67.20935	1.895272	17.60942	.1178620	.0293749
Stddev	.0034613	.01956	.005456	.05981	.0006823	.0001642
%RSD	.6261664	.0291046	.2878762	.3396241	.5789247	.5591217

#1	.5534201	67.22933	1.889623	17.54444	.1186495	.0295133
#2	.5558635	67.19024	1.895681	17.66216	.1174879	.0294181
#3	.5490326	67.20849	1.900512	17.62165	.1174485	.0291934

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1720.942	.0829701	3.071841	54.25169	F 18.27893	1.468939
Stddev	2.960	.0003740	.026301	.11738	.04063	.008028
%RSD	.1720171	.4507942	.8562031	.2163638	.2222960	.5464974

#1	1717.755	.0830528	3.042852	54.11616	18.24378	1.462978
#2	1721.465	.0832959	3.094177	54.32002	18.26958	1.465771
#3	1723.605	.0825617	3.078494	54.31891	18.32342	1.478067

Sample Name: O4101-17 Acquired: 08/29/2023 16:30:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115104	39.92474	7.114894	.0544909	1.929711	.0502783
Stddev	.0006724	.06045	.043262	.0027577	.013001	.0014537
%RSD	5.841480	.1514120	.6080452	5.060822	.6737387	2.891250
#1	.0107374	39.99205	7.082980	.0532974	1.916687	.0486000
#2	.0118346	39.90711	7.097569	.0525310	1.929756	.0511397
#3	.0119593	39.87507	7.164133	.0576443	1.942690	.0510954

Elem	Sr4077
Units	ppm
Avg	.5127084
Stddev	.0032595
%RSD	.6357340
#1	.5094034
#2	.5128014
#3	.5159203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.775	40940.33	6329.711	1140.173	1477.006
Stddev	2.675	86.25	12.231	7.451	2.260
%RSD	.1783425	.2106794	.1932388	.6535044	.1529990
#1	1497.087	40898.95	6334.506	1136.849	1474.800
#2	1499.800	40882.57	6338.819	1134.962	1476.903
#3	1502.436	41039.48	6315.809	1148.707	1479.316

Sample Name: O4101-18 Acquired: 08/29/2023 16:34:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420672	-.008004	3.372109	.0136196	.1099393	31.56216
Stddev	.0028954	.001040	.008331	.0056181	.0029642	.05380
%RSD	6.882852	12.99886	.2470417	41.25010	2.696217	.1704556

#1	.0430321	-.006870	3.368427	.0107882	.1119332	31.62426
#2	.0388126	-.008227	3.366254	.0099805	.1065330	31.52967
#3	.0443570	-.008915	3.381646	.0200900	.1113516	31.53256

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.874593	.0016076	.0490352	140.0789	.3444130	.0295024
Stddev	.007504	.0001022	.0002408	.4199	.0017389	.0006997
%RSD	.4003240	6.356957	.4909727	.2997724	.5048878	2.371769

#1	1.877197	.0017048	.0491002	139.8326	.3461291	.0290445
#2	1.880448	.0015010	.0492368	140.5637	.3444576	.0291548
#3	1.866133	.0016170	.0487686	139.8403	.3426522	.0303079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9253253	77.41572	2.764663	25.49040	.1262925	.0531334
Stddev	.0011229	.03516	.011066	.08385	.0008475	.0003768
%RSD	.1213537	.0454111	.4002773	.3289332	.6710536	.7091959

#1	.9240597	77.38617	2.761061	25.39949	.1253395	.0535681
#2	.9262025	77.45460	2.777082	25.56469	.1269618	.0528989
#3	.9257136	77.40640	2.755846	25.50703	.1265761	.0529334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.87030	.0723966	5.699470	52.47763	F 14.77683	.2782702
Stddev	.06291	.0024741	.064121	.23893	.02395	.0043826
%RSD	.0699981	3.417418	1.125030	.4552903	.1621079	1.574930

#1	89.90625	.0696453	5.625932	52.74513	14.75960	.2823718
#2	89.90700	.0744385	5.743694	52.28542	14.76671	.2736524
#3	89.79767	.0731059	5.728784	52.40235	14.80418	.2787865

Sample Name: O4101-18 Acquired: 08/29/2023 16:34:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186132	32.24234	7.306379	.0438341	1.599485	.0411809
Stddev	.0006236	.03481	.065103	.0013127	.004993	.0009356
%RSD	3.350512	.1079602	.8910407	2.994631	.3121656	2.271995

#1	.0188992	32.20366	7.364194	.0427189	1.605222	.0406286
#2	.0190425	32.27113	7.319083	.0452807	1.597115	.0422612
#3	.0178979	32.25224	7.235861	.0435026	1.596119	.0406530

Elem	Sr4077
Units	ppm
Avg	.4488885
Stddev	.0012973
%RSD	.2890023

#1	.4501278
#2	.4475401
#3	.4489976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.945	45514.35	6724.465	1227.196	1727.643
Stddev	3.235	202.90	46.085	9.923	4.682
%RSD	.2020650	.4457909	.6853376	.8085699	.2709829

#1	1602.759	45679.44	6696.729	1238.598	1729.035
#2	1602.866	45287.84	6699.003	1222.478	1731.470
#3	1597.210	45575.77	6777.663	1220.514	1722.423

Sample Name: O4101-19 Acquired: 08/29/2023 16:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2014588	-.010695	4.877619	.0142046	.4106842	73.50025
Stddev	.0077882	.001763	.007426	.0043032	.0030522	.32521
%RSD	3.865917	16.48840	.1522453	30.29439	.7432017	.4424580

#1	.2061848	-.012127	4.879767	.0093448	.4073240	73.15974
#2	.1924697	-.008725	4.869355	.0175311	.4114435	73.80761
#3	.2057219	-.011232	4.883733	.0157380	.4132851	73.53340

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.918907	.0050520	.2988117	F 860.1715	.7797284	.1012681
Stddev	.039361	.0000385	.0009792	5.9802	.0017650	.0002500
%RSD	.8002041	.7621283	.3276981	.6952284	.2263615	.2468598

#1	4.886299	.0050114	.2979189	853.7481	.7813074	.1013859
#2	4.962631	.0050880	.2986573	861.1885	.7778230	.1009810
#3	4.907792	.0050566	.2998590	865.5780	.7800548	.1014375

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.659716	245.8220	4.695421	130.8265	.6817857	.0408238
Stddev	.011299	1.1802	.023950	.6772	.0009292	.0003581
%RSD	.3087483	.4800993	.5100715	.5176636	.1362932	.8772296

#1	3.646690	244.7468	4.676864	130.1047	.6825893	.0409400
#2	3.666872	247.0847	4.722457	131.4479	.6819996	.0411094
#3	3.665587	245.6345	4.686941	130.9269	.6807682	.0404220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.24150	.1677820	12.24274	34.73125	F 11.20835	1.503377
Stddev	.28326	.0011672	.09957	.22630	.02319	.009822
%RSD	.4478978	.6956648	.8133308	.6515718	.2068888	.6533347

#1	63.00756	.1689486	12.34760	34.69273	11.18158	1.492084
#2	63.55643	.1677833	12.14947	34.97434	11.22165	1.509937
#3	63.16049	.1666142	12.23115	34.52668	11.22183	1.508108

Sample Name: O4101-19 Acquired: 08/29/2023 16:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKB6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629950	39.20970	11.28534	.2193803	3.560690	.0991802
Stddev	.0004808	.04095	.06930	.0023751	.015472	.0010002
%RSD	.7631885	.1044354	.6140668	1.082636	.4345333	1.008466

#1	.0635162	39.20870	11.20822	.2174162	3.544918	.0984166
#2	.0625688	39.25114	11.34240	.2187047	3.575844	.1003124
#3	.0628999	39.16926	11.30540	.2220200	3.561307	.0988118

Elem	Sr4077
Units	ppm
Avg	1.564615
Stddev	.005662
%RSD	.3618616

#1	1.564126
#2	1.570505
#3	1.559213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1520.884	43840.58	6594.789	1165.883	1538.444
Stddev	3.642	150.36	31.964	7.348	3.934
%RSD	.2394366	.3429632	.4846839	.6302441	.2557080

#1	1523.283	43674.75	6622.610	1158.308	1542.982
#2	1522.674	43878.97	6559.874	1166.359	1536.349
#3	1516.693	43968.02	6601.883	1172.981	1536.001

Sample Name: O4102-04 Acquired: 08/29/2023 16:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1174029	-.009502	2.750543	.0001770	.0568546	78.58489
Stddev	.0060357	.001496	.002878	.0118359	.0014027	.16701
%RSD	5.141008	15.74308	.1046191	6685.710	2.467119	.2125246

#1	.1125846	-.009303	2.747390	-.009880	.0553972	78.40838
#2	.1154512	-.008116	2.753028	-.002808	.0581952	78.60587
#3	.1241730	-.011088	2.751211	.013220	.0569715	78.74043

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068727	.0052372	.0616135	111.4003	.2615430	.1115871
Stddev	.020713	.0000862	.0001653	.5689	.0012986	.0005576
%RSD	.4086468	1.645818	.2682782	.5107121	.4965184	.4997075

#1	5.046231	.0051457	.0614234	110.8483	.2628236	.1113298
#2	5.072941	.0053170	.0617233	111.9848	.2615783	.1122269
#3	5.087009	.0052488	.0616939	111.3678	.2602271	.1112047

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8556164	174.6555	7.548786	39.81137	.3434648	.0301636
Stddev	.0045572	.7557	.030640	.31536	.0007506	.0007974
%RSD	.5326169	.4326865	.4058907	.7921344	.2185513	2.643556

#1	.8583323	174.1391	7.525232	39.48503	.3426035	.0300265
#2	.8503551	175.5229	7.583425	40.11446	.3438107	.0310207
#3	.8581617	174.3046	7.537700	39.83462	.3439801	.0294437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.48400	.1871249	6.072117	46.32353	F 16.80094	.1593053
Stddev	.40392	.0017737	.027694	.16316	.04171	.0024579
%RSD	.4513901	.9478523	.4560832	.3522254	.2482784	1.542893

#1	89.40919	.1866744	6.053058	46.17611	16.76141	.1613025
#2	89.92010	.1856200	6.103884	46.29566	16.84454	.1600531
#3	89.12271	.1890804	6.059408	46.49884	16.79687	.1565604

Sample Name: O4102-04 Acquired: 08/29/2023 16:42:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459323	31.82928	14.64420	.0859786	3.956221	.1400578
Stddev	.0003103	.09006	.04488	.0009141	.020511	.0018077
%RSD	.6755144	.2829461	.3064972	1.063162	.5184525	1.290699

#1	.0455823	31.74534	14.67184	.0862194	3.932785	.1382424
#2	.0460407	31.81809	14.66835	.0849682	3.964976	.1400731
#3	.0461738	31.92441	14.59241	.0867481	3.970901	.1418578

Elem	Sr4077
Units	ppm
Avg	.5690479
Stddev	.0027276
%RSD	.4793308

#1	.5659025
#2	.5704804
#3	.5707609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.341	48488.61	7052.830	1310.915	1702.171
Stddev	2.763	167.58	21.826	6.839	2.552
%RSD	.1629032	.3456061	.3094708	.5217105	.1499141

#1	1696.765	48652.70	7075.480	1318.409	1700.726
#2	1693.390	48495.38	7031.932	1305.009	1700.670
#3	1698.868	48317.74	7051.078	1309.329	1705.117

Sample Name: O4102-05 Acquired: 08/29/2023 16:46:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2126707	-.019100	24.64416	.0064561	.1794165	102.1211
Stddev	.0117873	.003453	.05266	.0059489	.0021764	.1516
%RSD	5.542490	18.07924	.2136773	92.14492	1.213035	.1484968

#1	.1993085	-.021973	24.65242	.0000981	.1785154	102.0606
#2	.2171095	-.015269	24.58786	.0118872	.1778354	102.2936
#3	.2215941	-.020057	24.69220	.0073829	.1818987	102.0090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.933639	.0055239	.1889053	219.6221	.6298123	.0985449
Stddev	.010821	.0001485	.0001744	1.0354	.0017476	.0005240
%RSD	.3688744	2.688830	.0923376	.4714676	.2774742	.5317846

#1	2.921865	.0055045	.1889686	218.5319	.6318298	.0987466
#2	2.943151	.0053861	.1890392	220.5924	.6287671	.0979499
#3	2.935900	.0056812	.1887080	219.7418	.6288400	.0989381

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.225724	292.1297	15.23943	42.23629	.6296068	.1692239
Stddev	.004116	1.2161	.07755	.10269	.0017301	.0004497
%RSD	.3357654	.4162734	.5088884	.2431250	.2747902	.2657548

#1	1.222236	290.7321	15.15065	42.12553	.6279564	.1687123
#2	1.224673	292.7111	15.29400	42.25501	.6294571	.1694024
#3	1.230263	292.9460	15.27363	42.32833	.6314069	.1695570

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	127.1760	.2086664	23.04967	48.88785	F 16.53111	1.612329
Stddev	.2756	.0039314	.12998	.19898	.01098	.007810
%RSD	.2167275	1.884038	.5638926	.4070160	.0664280	.4844147

#1	127.0337	.2076449	23.04961	48.87807	16.54029	1.605303
#2	127.4937	.2053465	23.17968	49.09154	16.51894	1.610946
#3	127.0005	.2130076	22.91973	48.69394	16.53409	1.620738

Sample Name: O4102-05 Acquired: 08/29/2023 16:46:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382464	63.52195	10.14756	.1061494	4.567768	.1178016
Stddev	.0013644	.08085	.02310	.0015359	.012955	.0003920
%RSD	3.567500	.1272830	.2276280	1.446908	.2836161	.3327480

#1	.0390852	63.55133	10.12891	.1074284	4.567967	.1173494
#2	.0366720	63.43051	10.14037	.1044459	4.580622	.1180452
#3	.0389820	63.58400	10.17339	.1065739	4.554715	.1180101

Elem	Sr4077
Units	ppm
Avg	.5973990
Stddev	.0027492
%RSD	.4602019

#1	.6005266
#2	.5953641
#3	.5963063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.611	46110.42	6882.948	1241.002	1644.688
Stddev	7.184	126.75	14.480	6.501	2.824
%RSD	.4438594	.2748872	.2103740	.5238416	.1717231

#1	1611.441	46185.03	6899.521	1238.977	1641.668
#2	1625.810	45964.06	6876.575	1235.756	1647.264
#3	1618.583	46182.15	6872.747	1248.275	1645.132

Sample Name: O4102-06 Acquired: 08/29/2023 16:50:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717141	-.006533	6.475127	.0062394	.1018563	62.85404
Stddev	.0017705	.004722	.011758	.0106899	.0013224	.15693
%RSD	2.468835	72.27655	.1815908	171.3297	1.298297	.2496699

#1	.0732896	-.001774	6.471683	.0035136	.1029564	62.72488
#2	.0720546	-.011217	6.465475	.0180283	.1003892	62.80856
#3	.0697980	-.006608	6.488223	-.002824	.1022234	63.02868

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.229321	.0031003	.0399538	228.6893	.6203092	.0545748
Stddev	.024491	.0001308	.0001147	.6299	.0012230	.0002848
%RSD	.3387691	4.219390	.2871633	.2754238	.1971634	.5217882

#1	7.208836	.0029990	.0398341	228.1052	.6205988	.0547883
#2	7.222678	.0030539	.0400628	228.6062	.6189673	.0542515
#3	7.256447	.0032480	.0399645	229.3567	.6213614	.0546846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.295512	131.4564	5.047917	30.62264	.2090878	.1245569
Stddev	.000666	.5014	.017965	.11967	.0001988	.0011050
%RSD	.0290229	.3814239	.3558876	.3907964	.0950556	.8871641

#1	2.296281	131.1475	5.031375	30.48609	.2088716	.1239388
#2	2.295114	131.1867	5.045347	30.70930	.2091294	.1238992
#3	2.295140	132.0349	5.067028	30.67251	.2092625	.1258326

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.2479	.1353773	7.590928	57.10307	F 16.83592	.5698935
Stddev	.3114	.0030133	.047452	.19108	.05190	.0047965
%RSD	.2129500	2.225867	.6251184	.3346164	.3082863	.8416442

#1	145.8908	.1387016	7.609202	56.91184	16.77636	.5643561
#2	146.3894	.1328253	7.537055	57.10338	16.85994	.5725650
#3	146.4634	.1346051	7.626526	57.29399	16.87147	.5727594

Sample Name: O4102-06 Acquired: 08/29/2023 16:50:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139252	33.66305	9.670315	.0945754	3.548901	.0729325
Stddev	.0006954	.07012	.074534	.0029500	.008508	.0010058
%RSD	4.993654	.2082966	.7707476	3.119173	.2397243	1.379040
#1	.0132906	33.61705	9.590158	.0961269	3.545162	.0722852
#2	.0146685	33.62835	9.737531	.0911734	3.542903	.0740912
#3	.0138165	33.74376	9.683255	.0964258	3.558638	.0724211

Elem	Sr4077
Units	ppm
Avg	1.058417
Stddev	.001072
%RSD	.1013007
#1	1.057219
#2	1.058744
#3	1.059287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.030	45613.37	6793.628	1225.969	1658.565
Stddev	.682	132.01	40.959	6.156	4.218
%RSD	.0426048	.2894047	.6029070	.5021531	.2543212
#1	1600.570	45605.97	6837.430	1231.947	1662.213
#2	1600.257	45748.93	6756.277	1226.313	1659.536
#3	1599.264	45485.22	6787.176	1219.649	1653.947

Sample Name: O4102-07 Acquired: 08/29/2023 16:54:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994457	-.010867	2.742821	.0037262	.0429111	73.43174
Stddev	.0077368	.001951	.006945	.0037834	.0029870	.26636
%RSD	7.779920	17.94852	.2531897	101.5350	6.960996	.3627322

#1	.0905911	-.012999	2.734962	.0067981	.0427892	73.67245
#2	.1049000	-.009172	2.745366	.0048803	.0459572	73.47720
#3	.1028460	-.010431	2.748133	-.000500	.0399868	73.14558

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.955690	.0041693	.0461386	151.4743	.2911409	.0590562
Stddev	.012151	.0000494	.0001644	.3857	.0001956	.0006547
%RSD	.6213316	1.184896	.3563664	.2546486	.0671752	1.108549

#1	1.966630	.0041126	.0460395	151.8706	.2910545	.0597979
#2	1.957829	.0041923	.0460480	151.4522	.2913648	.0588116
#3	1.942611	.0042030	.0463284	151.1001	.2910033	.0585590

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8948869	138.2713	5.109187	29.33487	.2565964	.0358024
Stddev	.0016252	.3688	.018838	.15647	.0001704	.0002832
%RSD	.1816055	.2667154	.3687100	.5333968	.0664086	.7908791

#1	.8931086	138.6967	5.130084	29.39274	.2564067	.0355473
#2	.8962952	138.0760	5.103969	29.45415	.2566461	.0361071
#3	.8952569	138.0413	5.093508	29.15770	.2567364	.0357529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.8130	.1535691	8.036683	51.95578	F 18.64329	.4239507
Stddev	.3872	.0025778	.048367	.11122	.03554	.0035164
%RSD	.2959641	1.678586	.6018237	.2140634	.1906576	.8294395

#1	130.9065	.1511673	8.085062	52.07744	18.62576	.4259668
#2	131.1448	.1562927	8.036658	51.93058	18.61991	.4198904
#3	130.3877	.1532473	7.988329	51.85933	18.68419	.4259950

Sample Name: O4102-07 Acquired: 08/29/2023 16:54:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099800	55.26652	10.34393	.0893183	3.026380	.0765352
Stddev	.0002114	.06272	.04683	.0020829	.007866	.0015157
%RSD	2.118627	.1134822	.4527302	2.332043	.2599042	1.980398
#1	.0101596	55.33678	10.36280	.0913942	3.032806	.0782790
#2	.0100336	55.21621	10.29061	.0872284	3.028725	.0755342
#3	.0097470	55.24655	10.37838	.0893323	3.017609	.0757923

Elem	Sr4077
Units	ppm
Avg	.4459913
Stddev	.0003349
%RSD	.0751030
#1	.4459853
#2	.4463293
#3	.4456594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.571	46588.83	6858.464	1256.197	1692.313
Stddev	2.750	113.11	16.146	9.921	2.731
%RSD	.1677119	.2427754	.2354147	.7897331	.1613683
#1	1637.892	46541.47	6839.876	1247.577	1692.803
#2	1642.744	46507.10	6866.507	1253.974	1694.766
#3	1638.077	46717.91	6869.008	1267.041	1689.370

Sample Name: O4102-08 Acquired: 08/29/2023 16:58:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197876	-.004876	.4701607	.0165747	.5243610	36.17507
Stddev	.0085394	.002522	.0009007	.0097263	.0014007	.09687
%RSD	43.15508	51.73508	.1915803	58.68141	.2671204	.2677884

#1	.0202891	-.007479	.4705669	.0073996	.5231786	36.07589
#2	.0110086	-.004705	.4707868	.0267715	.5239965	36.17985
#3	.0280652	-.002443	.4691284	.0155531	.5259079	36.26946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117363	.0018810	.0136492	362.1328	.1591850	.0424342
Stddev	.000588	.0000912	.0000677	.5317	.0009425	.0001673
%RSD	.0525795	4.847832	.4960178	.1468287	.5920695	.3942145

#1	1.117967	.0019252	.0135795	361.5703	.1586911	.0423886
#2	1.116794	.0017762	.0136536	362.6272	.1585921	.0426195
#3	1.117328	.0019417	.0137147	362.2010	.1602718	.0422944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.193356	58.51028	1.512396	20.70093	.3646878	.0183822
Stddev	.002885	.09293	.004837	.11757	.0004485	.0000781
%RSD	.2417244	.1588318	.3198365	.5679379	.1229842	.4249046

#1	1.193381	58.44099	1.507707	20.57452	.3651521	.0183538
#2	1.190459	58.61589	1.517369	20.80700	.3646545	.0184705
#3	1.196228	58.47396	1.512112	20.72126	.3642569	.0183222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.89082	.0830467	5.382930	117.6502	9.147445	.5554175
Stddev	.52603	.0011494	.017519	.2244	.031396	.0020411
%RSD	.5373615	1.384042	.3254563	.1907073	.3432259	.3674961

#1	97.50781	.0842993	5.369339	117.7533	9.115682	.5539211
#2	97.67405	.0828003	5.402702	117.8045	9.148190	.5577427
#3	98.49059	.0820404	5.376751	117.3928	9.178462	.5545888

Sample Name: O4102-08 Acquired: 08/29/2023 16:58:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056666	F 181.3768	3.604973	.2121212	1.919842	.0583629
Stddev	.0002767	.5391	.025118	.0032221	.001362	.0003706
%RSD	4.883538	.2972190	.6967625	1.519006	.0709489	.6349523

#1	.0059276	180.8212	3.606115	.2152490	1.918284	.0580051
#2	.0053764	181.4117	3.629501	.2123022	1.920435	.0583387
#3	.0056957	181.8976	3.579304	.2088123	1.920808	.0587450

Elem	Sr4077
Units	ppm
Avg	2.267296
Stddev	.008262
%RSD	.3644066

#1	2.271257
#2	2.272832
#3	2.257799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.883	44398.10	6552.236	1197.021	1650.127
Stddev	2.689	113.61	26.353	7.054	3.514
%RSD	.1733578	.2558934	.4021926	.5893157	.2129417

#1	1553.987	44491.35	6556.137	1199.255	1654.183
#2	1549.370	44271.57	6524.150	1189.121	1648.034
#3	1549.291	44431.38	6576.421	1202.688	1648.162

Sample Name: PB155038BL Acquired: 08/29/2023 17:02:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000651	.0008237	-.001097	.0048685	.0007467	-.002729	-.000401
Stddev	.0051874	.0021395	.002990	.0038807	.0004629	.006724	.000234
%RSD	7965.450	259.7453	272.5726	79.70954	61.98782	246.4265	58.30557

#1	.0046373	.0007292	.000668	.0093423	.0006333	-.004198	-.000345
#2	-.005572	-.001267	-.004549	.0024119	.0003511	-.008597	-.000659
#3	.001130	.003009	.000590	.0028514	.0012558	.004608	-.000201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000019	.0020053	-.000040	-.000017	.0003041	.0010153
Stddev	.000047	.000097	.0049832	.000142	.000251	.0008985	.0093661
%RSD	235.9458	507.1286	248.5059	355.6333	1503.011	295.4120	922.4540

#1	.000020	-.000118	.0062508	.000017	.000201	.0012978	-.008405
#2	-.000008	-.000014	-.003481	.000065	-.000290	.0000655	.010327
#3	-.000071	.000075	.003246	-.000202	.000039	-.000451	.001124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002041	-.004544	-.000394	.0005864	-.287611	-.001948	.0032175
Stddev	.0003353	.026842	.000166	.0004062	.183193	.001761	.0014012
%RSD	164.2806	590.6520	42.15425	69.26802	63.69474	90.41289	43.54978

#1	.0004139	-.032523	-.000573	.0003720	-.387852	-.003823	.0026070
#2	.0003810	-.002103	-.000363	.0010549	-.076172	-.000329	.0022252
#3	-.000183	.020993	-.000245	.0003323	-.398808	-.001692	.0048204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701958	-.002131	.0039964	-.000550	.0513872	.0085830	.0003904
Stddev	.0923667	.001998	.0014813	.000395	.0044908	.0010403	.0016877
%RSD	131.5843	93.74831	37.06585	71.84668	8.739051	12.12039	432.2759

#1	.1084332	-.001294	.0056037	-.000664	.0539303	.0080507	.0013629
#2	-.035149	-.004411	.0026860	-.000110	.0462021	.0097817	.0013667
#3	.137304	-.000688	.0036997	-.000875	.0540293	.0079166	-.001558

Sample Name: PB155038BL Acquired: 08/29/2023 17:02:41 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004088	.0027397	-.000092
Stddev	.0004406	.0009246	.000036
%RSD	107.7683	33.74792	38.90144

#1	.0007115	.0017452	-.000054
#2	.0006116	.0029005	-.000124
#3	-.000097	.0035733	-.000098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1601.225	44857.86	6359.117	1220.509	1851.190
Stddev	3.848	220.81	19.135	5.117	4.852
%RSD	.2403006	.4922528	.3009092	.4192433	.2620904

#1	1598.037	44873.43	6349.270	1222.577	1845.687
#2	1605.499	44629.67	6346.910	1214.681	1854.853
#3	1600.140	45070.47	6381.170	1224.268	1853.030

Sample Name: PB155038BS Acquired: 08/29/2023 17:06:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254082	.0570499	.0209222	.0820874	.1298945	.4068735	.4425961
Stddev	.0011802	.0011790	.0019788	.0068283	.0028677	.0106005	.0022270
%RSD	4.645000	2.066562	9.457738	8.318270	2.207686	2.605350	.5031585

#1	.0255502	.0570550	.0188893	.0856185	.1289623	.4176899	.4421611
#2	.0241634	.0582263	.0228420	.0864271	.1276090	.4064278	.4406188
#3	.0265109	.0558683	.0210351	.0742166	.1331123	.3965030	.4450085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110069	.0107419	10.75730	.0207949	.1037830	.0597736	.2203480
Stddev	.0000967	.0001483	.06983	.0002609	.0002046	.0026502	.0131083
%RSD	.8789490	1.380385	.6491553	1.254742	.1971799	4.433787	5.948905

#1	.0110040	.0108270	10.70768	.0206726	.1036060	.0627424	.2314248
#2	.0109117	.0108282	10.72707	.0206175	.1037361	.0589319	.2237430
#3	.0111051	.0105707	10.83715	.0210945	.1040071	.0576464	.2058762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242313	9.777418	.0847131	.0210090	9.972410	.1125795	.1260467
Stddev	.0004583	.146279	.0001485	.0003769	.228871	.0018091	.0009868
%RSD	1.891192	1.496090	.1752966	1.794195	2.295038	1.606989	.7828409

#1	.0247530	9.822273	.0846027	.0208157	10.06338	.1104978	.1261354
#2	.0240468	9.613964	.0848819	.0214434	10.14181	.1137722	.1269861
#3	.0238940	9.896018	.0846548	.0207680	9.71204	.1134684	.1250186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69277	.0176157	.0234409	.0204325	.2162948	.2169739	.0123401
Stddev	.01833	.0037641	.0010287	.0005048	.0033131	.0035107	.0017047
%RSD	.1714519	21.36781	4.388587	2.470742	1.531773	1.618025	13.81457

#1	10.71393	.0216353	.0239049	.0199951	.2178964	.2147362	.0122506
#2	10.68172	.0170376	.0241559	.0203174	.2185029	.2151654	.0140878
#3	10.68266	.0141741	.0222619	.0209849	.2124852	.2210201	.0106819

Sample Name: PB155038BS Acquired: 08/29/2023 17:06:52 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2216351	.0361555	.2241729
Stddev	.0015894	.0015978	.0005140
%RSD	.7171229	4.419124	.2293006

#1	.2222196	.0343615	.2244993
#2	.2198362	.0366794	.2235804
#3	.2228495	.0374255	.2244391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.989	44735.71	6417.953	1224.598	1841.968
Stddev	3.602	148.02	46.840	5.628	4.170
%RSD	.2252832	.3308795	.7298235	.4595905	.2263875

#1	1595.494	44608.32	6433.160	1218.806	1841.811
#2	1602.690	44700.73	6455.299	1224.940	1846.214
#3	1598.784	44898.09	6365.399	1230.047	1837.878

Sample Name: O4102-03 Acquired: 08/29/2023 17:11:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188039	-.004823	3.397475	.0036921	.0661626	67.84358
Stddev	.0045398	.001873	.008000	.0059146	.0007593	.08942
%RSD	3.821261	38.83262	.2354565	160.1974	1.147637	.1317983

#1	.1200162	-.002673	3.395683	.0084094	.0670086	67.94677
#2	.1226145	-.005693	3.406219	.0056105	.0659389	67.78889
#3	.1137810	-.006103	3.390524	-.002944	.0655402	67.79510

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.973015	.0033707	.0325932	196.3766	.2903155	.0459779
Stddev	.002042	.0002059	.0001385	.2519	.0000573	.0001969
%RSD	.1034975	6.108671	.4248113	.1282994	.0197412	.4281516

#1	1.973280	.0036052	.0327373	196.1080	.2902586	.0460002
#2	1.974912	.0032873	.0325811	196.6076	.2903732	.0461627
#3	1.970854	.0032195	.0324612	196.4142	.2903146	.0457709

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8177571	109.4875	4.164007	40.52607	.2042934	.0245501
Stddev	.0009337	.2452	.003225	.04312	.0003730	.0001476
%RSD	.1141765	.2239623	.0774531	.1064044	.1825618	.6012353

#1	.8166878	109.2148	4.164454	40.48552	.2044939	.0246586
#2	.8184111	109.5576	4.160581	40.57137	.2038630	.0243820
#3	.8181724	109.6899	4.166985	40.52130	.2045231	.0246096

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	247.2532	.1502074	9.070425	68.81142	F 23.72873	.2811393
Stddev	.3181	.0015706	.048316	.12773	.02195	.0045791
%RSD	.1286509	1.045617	.5326749	.1856294	.0924964	1.628768

#1	247.1600	.1512410	9.099190	68.89666	23.72735	.2821181
#2	247.6074	.1509812	9.014644	68.87303	23.70750	.2851498
#3	246.9920	.1484000	9.097441	68.66456	23.75133	.2761499

Sample Name: O4102-03 Acquired: 08/29/2023 17:11:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116018	54.14548	5.087276	.0983656	3.005143	.1243378
Stddev	.0003026	.05652	.031655	.0013566	.004911	.0013572
%RSD	2.608197	.1043851	.6222414	1.379131	.1634040	1.091541
#1	.0119388	54.20947	5.069982	.0968804	3.002678	.1234650
#2	.0113534	54.10237	5.123811	.0986770	3.001953	.1259014
#3	.0115133	54.12459	5.068034	.0995394	3.010798	.1236469

Elem	Sr4077
Units	ppm
Avg	.5871060
Stddev	.0013923
%RSD	.2371505
#1	.5875714
#2	.5855406
#3	.5882061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1595.991	44947.91	6658.950	1216.121	1638.839
Stddev	1.390	51.02	45.782	2.613	.539
%RSD	.0871131	.1135090	.6875275	.2148641	.0328849
#1	1595.062	44991.31	6664.061	1213.397	1638.409
#2	1597.589	44891.71	6610.828	1216.360	1638.665
#3	1595.321	44960.73	6701.963	1218.607	1639.444

Sample Name: O4102-09 Acquired: 08/29/2023 17:14:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043214	-.007239	1.586908	-.011719	.0232543	126.0428
Stddev	.0027243	.005943	.008748	.003912	.0025392	.1692
%RSD	2.611417	82.09779	.5512845	33.38398	10.91918	.1342312

#1	.1073963	-.000996	1.579468	-.012074	.0235875	125.8736
#2	.1033584	-.007893	1.584711	-.015441	.0205649	126.2120
#3	.1022093	-.012829	1.596546	-.007641	.0256104	126.0429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.672207	.0066504	.0389385	50.02771	.2098231	.0780071
Stddev	.002826	.0000182	.0002507	.08761	.0006256	.0001893
%RSD	.1689720	.2739595	.6438602	.1751157	.2981675	.2426529

#1	1.669142	.0066635	.0390597	50.06327	.2096952	.0778033
#2	1.674708	.0066296	.0386503	50.09195	.2105028	.0781774
#3	1.672772	.0066581	.0391056	49.92791	.2092714	.0780405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5462171	172.6475	5.235935	45.38350	.1612657	.0203406
Stddev	.0008046	.3193	.006679	.12395	.0007032	.0004191
%RSD	.1473026	.1849303	.1275628	.2731092	.4360764	2.060331

#1	.5453423	172.2789	5.228255	45.46971	.1604766	.0204516
#2	.5469254	172.8370	5.239166	45.24146	.1614942	.0198772
#3	.5463837	172.8266	5.240385	45.43934	.1618263	.0206930

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	184.8804	.2466915	2.668252	44.92680	F 15.47452	-.029780
Stddev	.5818	.0026738	.007610	.06352	.03691	.002195
%RSD	.3147002	1.083860	.2851918	.1413787	.2385289	7.370992

#1	184.8306	.2439872	2.659796	44.98443	15.46889	-.027285
#2	185.4855	.2467534	2.674550	44.93727	15.44075	-.031413
#3	184.3250	.2493337	2.670409	44.85870	15.51393	-.030642

Sample Name: O4102-09 Acquired: 08/29/2023 17:14:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226643	29.01050	15.14245	.0319346	6.625001	.1481420
Stddev	.0010195	.08719	.08316	.0033933	.011071	.0013055
%RSD	4.498143	.3005444	.5491681	10.62593	.1671070	.8812610

#1	.0223013	28.91501	15.23760	.0347711	6.612552	.1468964
#2	.0218760	29.03064	15.08369	.0328575	6.633743	.1480296
#3	.0238156	29.08587	15.10606	.0281753	6.628708	.1495001

Elem	Sr4077
Units	ppm
Avg	.0797457
Stddev	.0009340
%RSD	1.171239

#1	.0807840
#2	.0794795
#3	.0789737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.835	47900.91	7017.252	1306.869	1686.303
Stddev	5.135	158.36	51.535	4.662	1.005
%RSD	.3017491	.3305989	.7344112	.3567140	.0595948

#1	1696.920	47769.37	6960.024	1305.245	1687.458
#2	1707.166	47856.67	7031.739	1303.236	1685.819
#3	1701.420	48076.68	7059.994	1312.125	1685.632

Sample Name: O4102-10 Acquired: 08/29/2023 17:18:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733859	-.003653	1.841637	.0059814	.0494796	42.21158
Stddev	.0053654	.004544	.002822	.0072865	.0007500	.10153
%RSD	7.311215	124.3819	.1532569	121.8202	1.515821	.2405199

#1	.0710310	-.008568	1.839988	-.000849	.0494157	42.11559
#2	.0795261	.000396	1.844896	.005142	.0502596	42.31786
#3	.0696007	-.002789	1.840027	.013651	.0487636	42.20129

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.527792	.0028937	.0237188	181.2087	.1900537	.0556594
Stddev	.011882	.0001014	.0000692	1.2310	.0006944	.0002035
%RSD	.4700349	3.502687	.2917470	.6793051	.3653602	.3655258

#1	2.514452	.0029716	.0237111	179.9094	.1897502	.0558662
#2	2.537237	.0027791	.0237916	182.3575	.1895628	.0556526
#3	2.531687	.0029302	.0236538	181.3590	.1908481	.0554595

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7467645	93.43955	2.708122	24.61705	.2053004	.0271296
Stddev	.0029178	.45227	.017054	.17990	.0003990	.0003083
%RSD	.3907190	.4840210	.6297534	.7307926	.1943482	1.136354

#1	.7433994	92.95431	2.691829	24.43605	.2050040	.0267903
#2	.7483035	93.84937	2.725847	24.79583	.2051431	.0273924
#3	.7485905	93.51496	2.706690	24.61927	.2057541	.0272062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.49526	.1221537	3.648106	43.57706	F 20.79352	.4158044
Stddev	.38635	.0020501	.041951	.04005	.02367	.0060244
%RSD	.4365807	1.678322	1.149925	.0919095	.1138183	1.448866

#1	88.21175	.1198109	3.691664	43.53990	20.77245	.4102316
#2	88.93532	.1230315	3.607973	43.57181	20.81913	.4221966
#3	88.33871	.1236189	3.644682	43.61949	20.78899	.4149851

Sample Name: O4102-10 Acquired: 08/29/2023 17:18:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121681	38.33433	7.429941	.0779337	2.049990	.0522244
Stddev	.0005572	.01709	.101452	.0040429	.002835	.0004458
%RSD	4.578943	.0445758	1.365452	5.187617	.1382847	.8535386
#1	.0126548	38.31728	7.320178	.0825404	2.048062	.0520861
#2	.0115604	38.35145	7.520270	.0762852	2.053245	.0527230
#3	.0122892	38.33424	7.449376	.0749754	2.048663	.0518642

Elem	Sr4077
Units	ppm
Avg	.6138153
Stddev	.0016480
%RSD	.2684851
#1	.6150968
#2	.6143929
#3	.6119563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.929	45954.45	6782.169	1240.907	1713.143
Stddev	2.348	151.84	71.059	7.188	3.429
%RSD	.1454537	.3304204	1.047733	.5792230	.2001575
#1	1615.692	45779.75	6857.079	1232.614	1717.081
#2	1614.831	46054.75	6715.718	1244.767	1710.812
#3	1611.265	46028.83	6773.709	1245.340	1711.538

Sample Name: O4102-11 Acquired: 08/29/2023 17:22:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545615	-.013466	25.10081	.0362004	.2065499	79.39822
Stddev	.0081739	.006702	.01794	.0040963	.0050629	.10709
%RSD	5.288476	49.77381	.0714715	11.31548	2.451159	.1348829

#1	.1466165	-.019059	25.08208	.0337456	.2008502	79.36442
#2	.1629466	-.015302	25.11784	.0339265	.2105257	79.51814
#3	.1541214	-.006037	25.10251	.0409292	.2082737	79.31210

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.299742	.0040937	.1906890	233.5228	.5498825	.0696058
Stddev	.006334	.0000277	.0006434	.5916	.0016138	.0000749
%RSD	.2754219	.6764187	.3374163	.2533373	.2934832	.1076472

#1	2.304877	.0040698	.1911149	234.1386	.5516288	.0696900
#2	2.301686	.0040873	.1899488	233.4710	.5484461	.0695810
#3	2.292665	.0041240	.1910032	232.9588	.5495727	.0695465

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9612662	217.5382	11.10001	51.86655	.3459828	.1790279
Stddev	.0035561	.5602	.04332	.07032	.0012666	.0010601
%RSD	.3699409	.2575028	.3903124	.1355808	.3660798	.5921326

#1	.9649130	218.0142	11.14747	51.94307	.3453275	.1801626
#2	.9610773	217.6794	11.08999	51.85181	.3451780	.1780630
#3	.9578083	216.9209	11.06258	51.80476	.3474427	.1788580

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.10862	.1582736	21.42849	49.82602	F 15.96785	1.646470
Stddev	.21263	.0020280	.14798	.05636	.02889	.011672
%RSD	.2440992	1.281335	.6905974	.1131078	.1809517	.7089047

#1	86.86326	.1572637	21.31739	49.80867	15.93581	1.659200
#2	87.23911	.1606083	21.59648	49.88902	15.97581	1.643941
#3	87.22349	.1569489	21.37162	49.78038	15.99192	1.636271

Sample Name: O4102-11 Acquired: 08/29/2023 17:22:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248122	57.84398	8.572191	.1119572	3.595104	.0841235
Stddev	.0008069	.08520	.042282	.0039257	.003761	.0014178
%RSD	3.251902	.1472967	.4932431	3.506405	.1046164	1.685341

#1	.0250734	57.74630	8.620441	.1076007	3.599170	.0824937
#2	.0239071	57.90295	8.554520	.1130507	3.594394	.0850721
#3	.0254561	57.88270	8.541611	.1152202	3.591749	.0848047

Elem	Sr4077
Units	ppm
Avg	.4736052
Stddev	.0009486
%RSD	.2003033

#1	.4744774
#2	.4737430
#3	.4725952

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.650	45658.86	6770.972	1232.951	1673.926
Stddev	3.758	141.37	49.762	10.080	1.504
%RSD	.2340377	.3096119	.7349343	.8175524	.0898615

#1	1607.642	45504.17	6723.920	1230.671	1673.405
#2	1601.316	45781.33	6765.935	1224.207	1675.621
#3	1607.993	45691.09	6823.062	1243.976	1672.751

Sample Name: O4102-12 Acquired: 08/29/2023 17:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1643280	-.008447	5.659453	-.002478	.0513265	63.70512
Stddev	.0064368	.003946	.008235	.000481	.0005926	.14342
%RSD	3.917035	46.71770	.1455139	19.40199	1.154503	.2251303

#1	.1643499	-.006061	5.657847	-.003027	.0509367	63.60779
#2	.1578803	-.006278	5.652139	-.002273	.0510343	63.63774
#3	.1707538	-.013003	5.668373	-.002134	.0520084	63.86982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.758375	.0037463	.0591496	133.7735	.3301026	.0519930
Stddev	.008987	.0002171	.0001552	.4697	.0002080	.0003236
%RSD	.3258000	5.795003	.2623109	.3511349	.0630231	.6224840

#1	2.754206	.0038798	.0589721	133.7565	.3299826	.0523653
#2	2.752229	.0034958	.0592594	133.3125	.3299823	.0518361
#3	2.768689	.0038633	.0592172	134.2515	.3303428	.0517778

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8458241	143.9673	5.978815	36.15082	.2465931	.0267936
Stddev	.0029409	.4572	.012558	.11713	.0012103	.0001091
%RSD	.3477016	.3175890	.2100364	.3240089	.4908257	.4072049

#1	.8439974	144.2611	5.989377	36.19548	.2463416	.0268024
#2	.8442582	143.4406	5.964930	36.01793	.2455283	.0266804
#3	.8492167	144.2004	5.982138	36.23905	.2479095	.0268981

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.5042	.1370991	8.896043	71.02807	F 32.65974	.0949544
Stddev	.3050	.0022877	.047187	.18417	.07310	.0021096
%RSD	.2489774	1.668608	.5304265	.2592899	.2238360	2.221740

#1	122.5414	.1350344	8.841933	71.18805	32.64339	.0969260
#2	122.1823	.1367045	8.928638	70.82674	32.59620	.0927296
#3	122.7889	.1395584	8.917558	71.06942	32.73964	.0952076

Sample Name: O4102-12 Acquired: 08/29/2023 17:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187918	52.87559	9.293726	.1397996	2.075670	.0739136
Stddev	.0006720	.09352	.059078	.0026491	.010864	.0019360
%RSD	3.575823	.1768740	.6356802	1.894955	.5234081	2.619302

#1	.0180601	52.88369	9.328081	.1426716	2.063877	.0720700
#2	.0189342	52.77828	9.225509	.1374516	2.077862	.0737404
#3	.0193812	52.96480	9.327589	.1392756	2.085272	.0759304

Elem	Sr4077
Units	ppm
Avg	.2796978
Stddev	.0017021
%RSD	.6085541

#1	.2811214
#2	.2801596
#3	.2778124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.736	46352.25	6872.492	1258.055	1709.922
Stddev	1.468	103.16	47.462	3.569	1.866
%RSD	.0902721	.2225503	.6906056	.2837149	.1091097

#1	1625.063	46275.15	6849.870	1261.952	1707.894
#2	1627.814	46312.16	6927.032	1254.945	1710.309
#3	1627.331	46469.43	6840.572	1257.268	1711.565

Sample Name: O4102-14 Acquired: 08/29/2023 17:30:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2906761	-.005021	5.047610	.0159417	.0454218	47.90149
Stddev	.0030842	.004212	.013279	.0099786	.0024319	.01055
%RSD	1.061031	83.88886	.2630758	62.59462	5.353993	.0220276

#1	.2942336	-.001575	5.034376	.0207297	.0476351	47.90762
#2	.2890388	-.009717	5.047520	.0044713	.0428185	47.90756
#3	.2887558	-.003772	5.060934	.0226239	.0458117	47.88931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.636045	.0028485	.0415020	F 887.5636	.2164289	.0709353
Stddev	.009201	.0001435	.0000712	4.4106	.0004479	.0008411
%RSD	.3490419	5.036628	.1715261	.4969322	.2069371	1.185746

#1	2.645383	.0030011	.0414461	887.9805	.2160950	.0703979
#2	2.635765	.0027163	.0414778	891.7509	.2169379	.0719046
#3	2.626988	.0028282	.0415821	882.9593	.2162538	.0705033

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6386690	111.2178	4.161346	50.21543	.1610863	.0239449
Stddev	.0075971	.3257	.002717	.07937	.0012330	.0001967
%RSD	1.189522	.2928790	.0652998	.1580552	.7654009	.8216219

#1	.6320878	111.2742	4.164431	50.12394	.1602186	.0237536
#2	.6469828	110.8676	4.159308	50.25654	.1605427	.0239346
#3	.6369364	111.5117	4.160298	50.26581	.1624976	.0241466

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.6535	.1220045	17.06024	41.45605	F 15.20938	.3479000
Stddev	.6279	.0017378	.06583	.17916	.03339	.0014930
%RSD	.3813332	1.424358	.3858573	.4321575	.2195497	.4291484

#1	164.5160	.1239448	17.07974	41.27218	15.17849	.3480019
#2	165.3387	.1214773	16.98687	41.46590	15.20485	.3493395
#3	164.1058	.1205913	17.11412	41.63008	15.24481	.3463587

Sample Name: O4102-14 Acquired: 08/29/2023 17:30:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085657	69.16278	7.047946	.1250588	2.237102	.1102807
Stddev	.0002525	.31862	.008064	.0019858	.004568	.0001791
%RSD	2.948093	.4606855	.1144173	1.587850	.2042070	.1624107

#1	.0087990	68.84331	7.057245	.1244638	2.232037	.1104697
#2	.0082975	69.16448	7.043711	.1272740	2.240910	.1102589
#3	.0086005	69.48055	7.042881	.1234386	2.238360	.1101135

Elem	Sr4077
Units	ppm
Avg	1.443001
Stddev	.009752
%RSD	.6758042

#1	1.434659
#2	1.440621
#3	1.453722

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.261	44024.45	6641.189	1176.625	1537.724
Stddev	4.178	61.30	5.047	2.721	2.302
%RSD	.2708739	.1392326	.0759952	.2312777	.1496973

#1	1537.750	44065.17	6646.242	1175.934	1536.854
#2	1545.997	44054.23	6641.175	1179.625	1540.334
#3	1543.036	43953.96	6636.148	1174.316	1535.984

Sample Name: O4102-15 Acquired: 08/29/2023 17:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925445	-.002257	5.293169	.0077656	.0482379	50.07608
Stddev	.0083382	.002079	.013378	.0101830	.0024631	.05034
%RSD	2.850224	92.11860	.2527451	131.1288	5.106214	.1005172

#1	.2844139	-.001060	5.287700	.0103832	.0499197	50.02330
#2	.3010758	-.001054	5.283393	.0163843	.0493833	50.08141
#3	.2921438	-.004658	5.308416	-.003471	.0454106	50.12354

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.695846	.0030839	.0431513	F 916.7830	.2265782	.0740282
Stddev	.019096	.0001125	.0002805	3.3294	.0012714	.0006725
%RSD	.7083593	3.648556	.6499122	.3631591	.5611124	.9084497

#1	2.674051	.0030291	.0431105	917.9422	.2272631	.0736101
#2	2.709642	.0032133	.0428935	913.0289	.2251112	.0736706
#3	2.703846	.0030093	.0434500	919.3777	.2273602	.0748040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6661223	115.8025	4.321576	52.48933	.1802902	.0242571
Stddev	.0016653	.5781	.025256	.27259	.0016015	.0005667
%RSD	.2499963	.4991787	.5844264	.5193227	.8882987	2.336105

#1	.6669334	115.1503	4.292834	52.18876	.1785651	.0237817
#2	.6672267	116.2517	4.340228	52.55869	.1805758	.0248842
#3	.6642069	116.0055	4.331666	52.72054	.1817297	.0241055

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	171.3213	.1256235	17.84032	43.31626	F 15.91959	.3632345
Stddev	.6587	.0008745	.09715	.07062	.06552	.0024617
%RSD	.3844631	.6960950	.5445256	.1630369	.4115517	.6777091

#1	170.6908	.1250756	17.74014	43.27119	15.85154	.3609570
#2	171.2683	.1266320	17.84669	43.27995	15.92498	.3658462
#3	172.0049	.1251630	17.93412	43.39765	15.98225	.3629002

Sample Name: O4102-15 Acquired: 08/29/2023 17:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086296	72.85675	6.798036	.1286465	2.327139	.1147158
Stddev	.0008452	.25937	.017197	.0028572	.008061	.0011314
%RSD	9.794485	.3559955	.2529693	2.220976	.3464096	.9862285
#1	.0090005	72.71840	6.778276	.1314288	2.317878	.1137026
#2	.0092259	72.69589	6.809613	.1257199	2.330954	.1145083
#3	.0076623	73.15596	6.806220	.1287908	2.332585	.1159366

Elem	Sr4077
Units	ppm
Avg	1.616800
Stddev	.004167
%RSD	.2577587
#1	1.616571
#2	1.612751
#3	1.621077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.966	43993.65	6657.098	1175.455	1525.615
Stddev	3.319	195.93	4.192	1.815	4.846
%RSD	.2163985	.4453523	.0629689	.1544491	.3176364
#1	1530.774	43802.36	6661.503	1176.909	1527.602
#2	1537.400	44193.90	6653.158	1176.037	1529.151
#3	1533.724	43984.70	6656.633	1173.420	1520.091

Sample Name: O4102-16 Acquired: 08/29/2023 17:39:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3794471	.0960628	12.24459	.1092764	.2313064	54.60280
Stddev	.0143460	.0058568	.00807	.0061142	.0012343	.04504
%RSD	3.780761	6.096843	.0659216	5.595183	.5336104	.0824797

#1	.3925982	.0942890	12.23898	.1084514	.2314355	54.57192
#2	.3641484	.0912979	12.24095	.1157612	.2300127	54.58200
#3	.3815948	.1026014	12.25384	.1036166	.2324711	54.65448

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.819952	.0956981	.1452346	F 934.0707	.5937144	1.058610
Stddev	.020487	.0008948	.0004585	5.2488	.0005443	.001317
%RSD	.3004053	.9350744	.3157145	.5619250	.0916814	.1244479

#1	6.828814	.0954993	.1447794	934.6641	.5941961	1.057850
#2	6.834516	.0966756	.1452281	938.9976	.5931239	1.057849
#3	6.796525	.0949194	.1456964	928.5505	.5938233	1.060132

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.170583	120.7745	5.351783	53.36072	1.196191	.0261145
Stddev	.006506	.4434	.048668	.16746	.000890	.0002062
%RSD	.5557953	.3671617	.9093795	.3138175	.0744253	.7895267

#1	1.167715	120.8114	5.377127	53.29904	1.195671	.0263092
#2	1.178030	121.1983	5.382548	53.55027	1.195683	.0258985
#3	1.166003	120.3138	5.295673	53.23285	1.197219	.0261358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	173.7611	1.084923	19.22609	43.66935	F 16.05971	.3642204
Stddev	.7610	.003385	.09228	.15190	.05145	.0008508
%RSD	.4379452	.3120127	.4799948	.3478322	.3203916	.2335974

#1	174.3535	1.086608	19.33040	43.56625	16.02176	.3640068
#2	174.0269	1.087135	19.15507	43.84378	16.03910	.3651577
#3	172.9029	1.081026	19.19281	43.59800	16.11828	.3634967

Sample Name: O4102-16 Acquired: 08/29/2023 17:39:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093964	74.09624	9.135277	.1148357	2.397302	.1174703
Stddev	.0006169	.03118	.070507	.0025997	.002395	.0015185
%RSD	6.565349	.0420855	.7718104	2.263809	.0999146	1.292636

#1	.0100744	74.11940	9.119979	.1134944	2.396405	.1188679
#2	.0092464	74.06079	9.212177	.1178320	2.400016	.1158546
#3	.0088683	74.10855	9.073674	.1131806	2.395484	.1176886

Elem	Sr4077
Units	ppm
Avg	1.501986
Stddev	.003881
%RSD	.2584093

#1	1.498022
#2	1.505779
#3	1.502158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.988	43956.04	6609.332	1174.021	1514.298
Stddev	2.849	149.27	38.225	4.526	.897
%RSD	.1867114	.3395989	.5783527	.3855385	.0592027

#1	1529.262	43891.84	6595.661	1169.332	1514.471
#2	1524.071	44126.67	6579.823	1174.366	1515.096
#3	1524.630	43849.61	6652.514	1178.364	1513.328

Sample Name: CCV014 Acquired: 08/29/2023 17:43:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985814	4.910005	24.43170	4.902208	4.953855	394.9359	10.60318
Stddev	.011931	.010697	.01071	.006406	.014851	.9873	.04476
%RSD	.2393090	.2178660	.0438222	.1306742	.2997841	.2499780	.4221053

#1	4.994120	4.899728	24.44191	4.895529	4.970635	395.2970	10.63813
#2	4.972141	4.909208	24.43265	4.908300	4.942406	393.8189	10.55273
#3	4.991180	4.921078	24.42056	4.902794	4.948523	395.6918	10.61867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4939184	2.426174	395.5955	15.01923	2.472000	15.40107	394.1660
Stddev	.0033554	.001266	1.0692	.01836	.001987	.03328	1.0371
%RSD	.6793338	.0521935	.2702820	.1222243	.0803673	.2161209	.2631043

#1	.4902355	2.427397	394.8738	14.99936	2.470897	15.43801	393.5913
#2	.4947180	2.424868	395.0887	15.02278	2.470810	15.37340	393.5435
#3	.4968018	2.426256	396.8238	15.03555	2.474293	15.39181	395.3632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.89069	386.3600	2.469031	1.299874	391.3335	2.493019	14.16402
Stddev	.04172	1.2257	.001506	.004115	1.3325	.010853	.11215
%RSD	.2801468	.3172464	.0610019	.3166057	.3404968	.4353486	.7918109

#1	14.86300	385.3603	2.470522	1.304153	392.8384	2.480856	14.26888
#2	14.87040	385.9922	2.467510	1.295945	390.3036	2.501716	14.04578
#3	14.93867	387.7275	2.469062	1.299524	390.8586	2.496485	14.17739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.7502	5.286810	4.625889	4.767886	5.159535	4.903193	4.895642
Stddev	.1005	.012855	.033360	.009008	.011597	.034374	.006689
%RSD	.0649246	.2431593	.7211528	.1889258	.2247604	.7010464	.1366392

#1	154.8493	5.290981	4.588793	4.774690	5.172131	4.864708	4.897437
#2	154.7530	5.272387	4.635451	4.757671	5.157171	4.914025	4.901251
#3	154.6484	5.297062	4.653424	4.771298	5.149302	4.930846	4.888238

Sample Name: CCV014 Acquired: 08/29/2023 17:43:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.002813	5.312394	4.726788
Stddev	.006037	.027866	.078999
%RSD	.1206635	.5245546	1.671298

#1	5.004838	5.339303	4.636389
#2	4.996024	5.283660	4.782564
#3	5.007577	5.314220	4.761410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.052	39432.87	5990.857	1024.387	1412.196
Stddev	.854	192.01	8.927	4.405	1.399
%RSD	.0639138	.4869401	.1490048	.4300331	.0990916

#1	1335.380	39212.65	6000.390	1019.334	1410.824
#2	1337.013	39565.31	5989.486	1027.426	1412.141
#3	1335.762	39520.65	5982.695	1026.400	1413.622

Sample Name: CCB014 Acquired: 08/29/2023 17:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033411	.0008942	-.000085	.0062489	-.000354	.0086140	.0001350
Stddev	.0035712	.0020058	.001062	.0012471	.001649	.0002804	.0002163
%RSD	106.8865	224.3182	1255.039	19.95721	465.8465	3.254811	160.2428

#1	.0043253	-.000947	.000715	.0048328	-.000096	.0084585	-.000100
#2	.0063170	.000598	.000320	.0071832	-.002116	.0089377	.000325
#3	-.000619	.003032	-.001290	.0067308	.001150	.0084460	.000180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.000062	.0033827	-.000066	-.000007	.0008867	.0147670
Stddev	.000046	.000180	.0071175	.000118	.000259	.0012446	.0015395
%RSD	239.5246	290.5253	210.4079	179.2409	3949.601	140.3605	10.42512

#1	.000023	-.000232	-.003307	.000011	-.000305	-.000523	.0155451
#2	-.000069	-.000080	.002594	-.000006	.000129	.001352	.0157621
#3	-.000012	.000126	.010862	-.000203	.000157	.001832	.0129938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004041	.0197452	.0000695	.0006245	-.206819	-.001952	.0046044
Stddev	.0005022	.0089663	.0001832	.0002762	.157325	.001476	.0065257
%RSD	124.2728	45.41012	263.5450	44.22935	76.06886	75.60300	141.7265

#1	.0009341	.0285593	-.000135	.0006221	-.122766	-.000395	.0063406
#2	-.000065	.0200424	.000219	.0003495	-.109373	-.002131	-.002614
#3	.000343	.0106340	.000125	.0009020	-.388318	-.003330	.010086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1233530	-.000125	.0101704	.0003302	.0283717	.0046897	-.000128
Stddev	.0519320	.004837	.0011554	.0004944	.0067539	.0012382	.000880
%RSD	42.10028	3855.772	11.36062	149.7216	23.80503	26.40299	689.7332

#1	.1830166	-.001512	.0091837	.0008796	.0352964	.0052806	-.000616
#2	.0883135	-.004118	.0114415	.0001900	.0280160	.0055218	-.000656
#3	.0987290	.005254	.0098860	-.000079	.0218027	.0032667	.000889

Sample Name: CCB014 Acquired: 08/29/2023 17:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001075	.0022857	.0000033
Stddev	.000727	.0004514	.0001302
%RSD	67.66153	19.74798	3900.677

#1	-.001428	.0017907	.0000957
#2	-.001558	.0023920	-.000146
#3	-.000238	.0026745	.000060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.010	45275.03	6374.567	1235.946	1852.683
Stddev	1.094	305.90	35.918	8.734	4.678
%RSD	.0683933	.6756488	.5634547	.7066559	.2525251

#1	1599.350	44962.91	6408.280	1227.991	1848.693
#2	1599.407	45287.86	6378.630	1234.556	1851.523
#3	1601.273	45574.31	6336.790	1245.292	1857.832

Sample Name: O4101-11 Acquired: 08/29/2023 17:59:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345784	.0960266	8.242613	.2037306	.1865931	65.47393
Stddev	.0028934	.0038063	.010680	.0016906	.0036674	.15325
%RSD	2.149975	3.963789	.1295744	.8298450	1.965443	.2340667

#1	.1379058	.0980042	8.245087	.2046964	.1823586	65.62328
#2	.1331761	.0916386	8.230913	.2047169	.1886740	65.31705
#3	.1326535	.0984371	8.251839	.2017784	.1887467	65.48146

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.037536	.0953534	.1304067	93.70358	.5038114	1.014368
Stddev	.012049	.0006058	.0001801	.09872	.0006409	.001048
%RSD	.2391834	.6352856	.1380834	.1053524	.1272144	.1032714

#1	5.023624	.0949914	.1303519	93.63305	.5032568	1.015576
#2	5.044611	.0950160	.1302603	93.81640	.5045130	1.013705
#3	5.044373	.0960527	.1306077	93.66131	.5036643	1.013823

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9265514	93.49277	3.672383	30.28749	1.107396	.0208053
Stddev	.0031896	.15125	.012901	.09858	.000116	.0001845
%RSD	.3442409	.1617737	.3512871	.3254813	.0104522	.8869748

#1	.9273814	93.65690	3.658422	30.32842	1.107308	.0208210
#2	.9230289	93.46239	3.683862	30.35902	1.107353	.0206134
#3	.9292440	93.35902	3.674867	30.17504	1.107527	.0209814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	628.0171	1.070774	4.874547	56.23413	F 19.22719	.3488924
Stddev	1.6870	.003823	.060510	.17420	.01109	.0042367
%RSD	.2686284	.3570513	1.241348	.3097705	.0577005	1.214336

#1	629.8872	1.069324	4.944418	56.12167	19.21818	.3440392
#2	626.6097	1.067888	4.839702	56.14592	19.23958	.3518528
#3	627.5543	1.075111	4.839520	56.43478	19.22382	.3507851

Sample Name: O4101-11 Acquired: 08/29/2023 17:59:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071996	63.06388	8.788248	.0416251	2.801279	.0877901
Stddev	.0004780	.08910	.064521	.0035235	.009649	.0010333
%RSD	6.639197	.1412830	.7341710	8.464717	.3444663	1.177026

#1	.0066507	63.15054	8.716657	.0396026	2.811923	.0874135
#2	.0074245	62.97253	8.806183	.0395792	2.793103	.0869979
#3	.0075237	63.06856	8.841903	.0456936	2.798811	.0889589

Elem	Sr4077
Units	ppm
Avg	.2186691
Stddev	.0015285
%RSD	.6989785

#1	.2201147
#2	.2170694
#3	.2188230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.305	43953.60	6635.169	1196.939	1582.154
Stddev	3.841	90.39	44.931	7.065	1.566
%RSD	.2435331	.2056570	.6771628	.5902375	.0990076

#1	1579.313	43901.57	6686.458	1189.186	1581.780
#2	1579.727	43901.25	6602.754	1198.619	1583.874
#3	1572.876	44057.98	6616.294	1203.013	1580.809

Sample Name: O4102-14LX5 Acquired: 08/29/2023 18:03:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477862	-.002525	.9874168	.0030858	.0107460	9.829668	.5448538
Stddev	.0106932	.003675	.0060445	.0092039	.0007982	.062521	.0029718
%RSD	22.37714	145.5596	.6121551	298.2623	7.427741	.6360441	.5454243

#1	.0361629	-.002533	.9804488	.0118054	.0113706	9.760306	.5414283
#2	.0572060	.001154	.9905523	-.006536	.0110207	9.881686	.5463895
#3	.0499897	-.006195	.9912493	.003988	.0098467	9.847011	.5467434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004693	.0080054	182.1526	.0466561	.0117228	.1327360	24.01308
Stddev	.0000710	.0001203	.7442	.0005814	.0003123	.0019618	.07018
%RSD	15.12784	1.502512	.4085612	1.246127	2.664098	1.477942	.2922466

#1	.0003886	.0081434	181.5824	.0463655	.0114068	.1334778	23.94158
#2	.0004971	.0079499	182.9945	.0462773	.0117304	.1342187	24.08186
#3	.0005222	.0079229	181.8810	.0473255	.0120312	.1305115	24.01582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8802775	10.50126	.0323906	.0052876	33.54486	.0230670	3.422872
Stddev	.0063880	.09657	.0003529	.0004773	.06185	.0019869	.023829
%RSD	.7256827	.9195899	1.089525	9.026924	.1843891	8.613384	.6961792

#1	.8764149	10.39035	.0320227	.0048732	33.47440	.0224095	3.442338
#2	.8876510	10.56671	.0324228	.0051800	33.56995	.0214923	3.429982
#3	.8767666	10.54672	.0327262	.0058094	33.59023	.0252993	3.396297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.489726	2.778069	.0748396	.0013274	12.52212	1.439806	.0187409
Stddev	.069157	.031624	.0021678	.0002410	.04919	.006358	.0012044
%RSD	.8145936	1.138342	2.896635	18.15731	.3928356	.4415640	6.426772

#1	8.409873	2.758786	.0725578	.0011868	12.47814	1.432540	.0179321
#2	8.529083	2.760856	.0768718	.0011897	12.51298	1.444348	.0201251
#3	8.530222	2.814566	.0750894	.0016057	12.57524	1.442528	.0181655

Sample Name: O4102-14LX5 Acquired: 08/29/2023 18:03:23 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLKD3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4699171	.0272260	.3126869
Stddev	.0027197	.0018763	.0005789
%RSD	.5787699	6.891530	.1851410

#1	.4671596	.0258909	.3121209
#2	.4725975	.0264158	.3126621
#3	.4699941	.0293713	.3132779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.769	44459.71	6455.178	1196.403	1735.445
Stddev	3.078	197.53	27.755	5.763	1.308
%RSD	.1965593	.4442967	.4299697	.4816883	.0753455

#1	1569.128	44246.21	6468.976	1190.633	1736.941
#2	1563.085	44496.95	6423.228	1196.418	1734.872
#3	1565.095	44635.97	6473.331	1202.159	1734.522

Sample Name: O4102-17 Acquired: 08/29/2023 18:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881526	-.015942	4.742344	-.002197	.1825512	40.92555
Stddev	.0107292	.003220	.010593	.006729	.0002999	.14123
%RSD	12.17117	20.20064	.2233665	306.2655	.1642599	.3450910

#1	.0758460	-.012228	4.735250	-.007504	.1824680	40.90768
#2	.0930701	-.017629	4.737263	.005371	.1828838	41.07487
#3	.0955417	-.017968	4.754521	-.004458	.1823017	40.79411

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894651	.0034606	.0373030	106.8701	1.119557	.0687928
Stddev	.009591	.0001098	.0001843	.5749	.001708	.0007297
%RSD	.5062300	3.172610	.4940973	.5379775	.1525854	1.060772

#1	1.897624	.0034598	.0371699	106.8609	1.120372	.0680154
#2	1.902404	.0035708	.0375134	107.4496	1.117594	.0694631
#3	1.883925	.0033512	.0372257	106.2998	1.120705	.0688997

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.909697	194.3503	4.567548	24.06450	.6314069	.0477440
Stddev	.004324	.6469	.024496	.06436	.0000791	.0004395
%RSD	.1106062	.3328566	.5363111	.2674634	.0125259	.9205409

#1	3.905046	194.2315	4.564131	24.01098	.6313792	.0472752
#2	3.913596	195.0484	4.593573	24.13592	.6314961	.0478102
#3	3.910451	193.7711	4.544939	24.04659	.6313454	.0481467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.5940	.1177967	7.885295	53.19863	F 13.08646	1.178267
Stddev	.4454	.0027565	.032718	.22847	.03601	.009889
%RSD	.2808610	2.340007	.4149189	.4294644	.2751812	.8392536

#1	158.7453	.1155467	7.922975	53.29970	13.04626	1.171707
#2	158.9440	.1169720	7.864089	53.35914	13.09737	1.189641
#3	158.0926	.1208713	7.868821	52.93706	13.11576	1.173453

Sample Name: O4102-17 Acquired: 08/29/2023 18:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643916	42.70983	7.468929	.0871369	2.072981	.0586904
Stddev	.0004096	.10470	.025937	.0009155	.005321	.0007035
%RSD	.6360577	.2451422	.3472668	1.050662	.2566630	1.198650

#1	.0640420	42.60305	7.446371	.0879826	2.069598	.0583338
#2	.0648422	42.71410	7.497269	.0861647	2.079114	.0582366
#3	.0642907	42.81232	7.463147	.0872635	2.070232	.0595007

Elem	Sr4077
Units	ppm
Avg	.3812063
Stddev	.0008697
%RSD	.2281524

#1	.3802416
#2	.3814468
#3	.3819305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.973	45695.59	6749.779	1229.657	1705.750
Stddev	1.164	25.18	27.173	3.160	1.504
%RSD	.0723671	.0550948	.4025832	.2570121	.0881776

#1	1606.640	45698.77	6761.784	1231.058	1704.068
#2	1608.782	45719.03	6718.670	1226.038	1706.216
#3	1608.498	45668.97	6768.882	1231.875	1706.966

Sample Name: O4102-18 Acquired: 08/29/2023 18:11:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737949	-.004834	1.388081	.0198856	.0604945	35.02083
Stddev	.0045225	.002424	.014092	.0152518	.0039058	.05567
%RSD	6.128482	50.14464	1.015206	76.69778	6.456440	.1589621

#1	.0783748	-.006919	1.383694	.0347397	.0636768	35.00926
#2	.0693321	-.005408	1.403845	.0206519	.0561357	35.08138
#3	.0736779	-.002174	1.376704	.0042650	.0616711	34.97186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751015	.0023659	.0237316	426.6605	.1680284	.0365829
Stddev	.006594	.0000822	.0003117	1.8078	.0003108	.0004085
%RSD	.3765689	3.473266	1.313451	.4237048	.1849818	1.116672

#1	1.745728	.0022780	.0236006	425.6777	.1683351	.0369988
#2	1.758404	.0023789	.0240874	428.7467	.1677136	.0361822
#3	1.748915	.0024408	.0235068	425.5569	.1680364	.0365677

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8209296	76.14549	2.462047	68.61234	.1829799	.0289718
Stddev	.0020648	.21736	.006344	.09037	.0015508	.0004071
%RSD	.2515190	.2854575	.2576630	.1317108	.8475460	1.405034

#1	.8191607	76.22611	2.458862	68.56461	.1813216	.0285969
#2	.8231985	76.31103	2.469352	68.71657	.1843944	.0289137
#3	.8204297	75.89934	2.457927	68.55584	.1832237	.0294047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.93370	.0671303	6.181969	44.76906	F 16.67181	.7331058
Stddev	.29581	.0028495	.025614	.04440	.14988	.0054664
%RSD	.2960019	4.244768	.4143409	.0991800	.8989817	.7456541

#1	99.88781	.0646780	6.199803	44.78495	16.60967	.7317082
#2	100.2498	.0702563	6.152618	44.71890	16.84276	.7391354
#3	99.6635	.0664564	6.193486	44.80333	16.56299	.7284739

Sample Name: O4102-18 Acquired: 08/29/2023 18:11:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221711	28.48112	7.343132	.0701960	1.417692	.0535753
Stddev	.0001478	.27478	.056719	.0017556	.003459	.0009928
%RSD	.6668753	.9647824	.7724078	2.501059	.2440150	1.853019

#1	.0220175	28.38887	7.313490	.0717236	1.416203	.0546792
#2	.0221832	28.79015	7.408530	.0705863	1.421647	.0532909
#3	.0223124	28.26433	7.307376	.0682780	1.415227	.0527558

Elem	Sr4077
Units	ppm
Avg	.4385139
Stddev	.0011161
%RSD	.2545246

#1	.4397223
#2	.4375217
#3	.4382975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.808	43702.56	6535.353	1170.214	1614.559
Stddev	13.272	116.90	34.690	2.030	14.046
%RSD	.8686796	.2675002	.5308074	.1734911	.8699564

#1	1538.626	43638.43	6546.551	1172.514	1622.122
#2	1512.999	43837.49	6496.446	1168.670	1598.352
#3	1531.800	43631.75	6563.060	1169.457	1623.203

Sample Name: O4102-19 Acquired: 08/29/2023 18:15:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517993	-.012631	1.725033	-.000915	.0737650	42.01855
Stddev	.0012733	.002840	.008901	.006242	.0023862	.15049
%RSD	2.458207	22.48556	.5159798	682.4644	3.234888	.3581517

#1	.0512769	-.012367	1.728190	-.004738	.0748888	42.05360
#2	.0508703	-.009933	1.714984	-.004295	.0753819	41.85363
#3	.0532508	-.015595	1.731925	.006289	.0710244	42.14842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.657958	.0033943	.1157969	106.0472	.5499872	.0531289
Stddev	.005083	.0000676	.0001147	.1365	.0013264	.0003451
%RSD	.3065585	1.990552	.0990884	.1286930	.2411752	.6495678

#1	1.660295	.0033296	.1157094	106.1038	.5504216	.0533015
#2	1.652127	.0034644	.1157544	105.8916	.5484980	.0527315
#3	1.661451	.0033888	.1159268	106.1464	.5510420	.0533536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827647	179.6217	3.250100	22.42597	.6617436	.0765993
Stddev	.005806	.8094	.006937	.05625	.0028403	.0001387
%RSD	.3176643	.4505983	.2134504	.2508464	.4292146	.1810531

#1	1.834200	179.7468	3.249222	22.41229	.6636336	.0767572
#2	1.825596	178.7571	3.243645	22.37782	.6584773	.0764971
#3	1.823145	180.3613	3.257435	22.48781	.6631198	.0765437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.43903	.1054187	7.264767	44.68471	F 20.03453	.2001600
Stddev	.18241	.0028724	.076089	.14356	.05567	.0016946
%RSD	.1871995	2.724795	1.047366	.3212781	.2778878	.8466444

#1	97.51932	.1040222	7.236872	44.84704	20.06985	.1982756
#2	97.23025	.1087224	7.206564	44.57446	19.97035	.2006455
#3	97.56751	.1035115	7.350867	44.63263	20.06339	.2015590

Sample Name: O4102-19 Acquired: 08/29/2023 18:15:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748545	22.67212	7.456808	.4124158	1.349493	.0687509
Stddev	.0002376	.03479	.035826	.0022758	.004783	.0007719
%RSD	.3174579	.1534506	.4804455	.5518236	.3544481	1.122790

#1	.0748121	22.69228	7.491078	.4149384	1.350239	.0682903
#2	.0746410	22.63195	7.419606	.4117922	1.344381	.0683202
#3	.0751105	22.69213	7.459741	.4105168	1.353860	.0696420

Elem	Sr4077
Units	ppm
Avg	.1810115
Stddev	.0002459
%RSD	.1358290

#1	.1812947
#2	.1808868
#3	.1808530

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1612.879	45792.59	6764.651	1236.093	1734.527
Stddev	.782	85.64	17.715	6.545	1.233
%RSD	.0484728	.1870224	.2618811	.5294739	.0711118

#1	1613.391	45891.34	6753.004	1238.982	1734.585
#2	1611.979	45738.63	6785.038	1240.697	1735.731
#3	1613.266	45747.81	6755.911	1228.601	1733.266

Sample Name: O4102-20 Acquired: 08/29/2023 18:19:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693061	-.002933	.8973280	.0202996	.0204814	53.25561
Stddev	.0066290	.001487	.0037263	.0098256	.0027208	.12406
%RSD	9.564863	50.69728	.4152718	48.40292	13.28425	.2329449

#1	.0717500	-.004643	.8965683	.0200181	.0234793	53.39660
#2	.0743663	-.001950	.8940400	.0302628	.0197963	53.20704
#3	.0618021	-.002205	.9013757	.0106177	.0181687	53.16319

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.081721	.0019999	.0814016	161.1773	.2707492	.0210641
Stddev	.002394	.0000702	.0003023	.2313	.0007741	.0000799
%RSD	.2213149	3.510037	.3713542	.1435132	.2859111	.3795109

#1	1.084415	.0019864	.0815802	161.4410	.2715211	.0211543
#2	1.080910	.0020758	.0815720	161.0826	.2707535	.0210357
#3	1.079838	.0019373	.0810526	161.0084	.2699729	.0210022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.85088	61.07418	1.873582	26.65619	.1614455	.0564627
Stddev	.02570	.08123	.006080	.05282	.0001792	.0004218
%RSD	.1525106	.1330021	.3245162	.1981557	.1110202	.7470442

#1	16.87138	61.13477	1.879631	26.68301	.1614011	.0568855
#2	16.85921	60.98188	1.873644	26.59534	.1616428	.0564607
#3	16.82205	61.10590	1.867471	26.69022	.1612927	.0560419

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.54751	.0751112	F 58.67919	131.1286	F 35.52048	4.620217
Stddev	.12956	.0036139	.42252	.2850	.04151	.019489
%RSD	.1341909	4.811465	.7200495	.2173325	.1168694	.4218234

#1	96.69525	.0715558	58.63210	131.4173	35.51211	4.632480
#2	96.49405	.0787810	58.28219	131.1210	35.48380	4.630428
#3	96.45324	.0749967	59.12328	130.8475	35.56555	4.597745

Sample Name: O4102-20 Acquired: 08/29/2023 18:19:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178236	49.10460	7.807452	.1362681	1.398585	.0609370
Stddev	.0002683	.00892	.041701	.0008841	.000921	.0004460
%RSD	1.505416	.0181677	.5341153	.6487672	.0658828	.7318189
#1	.0176124	49.11489	7.836042	.1365385	1.399242	.0608460
#2	.0177328	49.09993	7.826712	.1352805	1.397531	.0605435
#3	.0181255	49.09899	7.759603	.1369855	1.398981	.0614214

Elem	Sr4077
Units	ppm
Avg	.5815907
Stddev	.0005685
%RSD	.0977568
#1	.5809362
#2	.5818738
#3	.5819622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1578.132	45109.93	6635.493	1213.675	1680.810
Stddev	1.479	260.23	37.048	8.093	.138
%RSD	.0937480	.5768813	.5583328	.6668023	.0081969
#1	1576.581	44852.53	6592.718	1209.032	1680.671
#2	1579.527	45372.90	6657.367	1223.020	1680.812
#3	1578.287	45104.36	6656.396	1208.975	1680.946

Sample Name: O4040-10DL2X8 Acquired: 08/29/2023 18:23:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MEZYJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015344	-.020442	.0920890	-.007487	.0051190	15.94762	.0723845
Stddev	.011527	.001046	.0041387	.022595	.0026153	.04822	.0002130
%RSD	75.12618	5.114589	4.494265	301.7940	51.08882	.3023722	.2942999

#1	-.011338	-.019244	.0947521	.006979	.0052374	15.98462	.0724750
#2	-.028339	-.021173	.0873209	-.033524	.0024466	15.96515	.0721412
#3	-.006354	-.020907	.0941940	.004084	.0076731	15.89309	.0725373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029303	.0125847	398.6712	.9770131	.0051426	-.002061	308.5986
Stddev	.0000796	.0001598	1.1297	.0030947	.0007334	.002266	.5718
%RSD	2.715890	1.269854	.2833681	.3167483	14.26185	109.9382	.1852979

#1	.0030030	.0124142	397.7436	.9745619	.0058673	-.004590	307.9596
#2	.0028452	.0126088	399.9293	.9804905	.0051598	-.001378	309.0622
#3	.0029425	.0127311	398.3407	.9759869	.0044007	-.000215	308.7741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.29632	85.97861	.0176524	.0257915	.7972555	.6409413	.4559350
Stddev	.07570	.42712	.0005942	.0005605	.0453161	.0028918	.0176333
%RSD	.2773279	.4967745	3.366261	2.173253	5.684018	.4511755	3.867491

#1	27.24723	85.52763	.0170777	.0251640	.8299252	.6377504	.4442417
#2	27.38350	86.37700	.0176151	.0262428	.7455219	.6433889	.4473462
#3	27.25822	86.03119	.0182644	.0259676	.8163195	.6416846	.4762171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3683255	3.536512	-.265167	.0015892	1.572868	1.827558	.0048806
Stddev	.0076288	.009700	.002048	.0007887	.003798	.014491	.0002694
%RSD	2.071210	.2742741	.7722876	49.63020	.2414815	.7929195	5.519504

#1	.3764389	3.530927	-.263189	.0007259	1.575534	1.842787	.0051875
#2	.3612976	3.530897	-.267278	.0017697	1.568519	1.825948	.0046832
#3	.3672399	3.547713	-.265035	.0022720	1.574550	1.813939	.0047712

Sample Name: O4040-10DL2X8 Acquired: 08/29/2023 18:23:14 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MEZYJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.671639	.0155100	-.051460
Stddev	.008369	.0005988	.000385
%RSD	.2279298	3.860510	.7472719

#1	3.662239	.0153050	-.051120
#2	3.678280	.0161843	-.051877
#3	3.674398	.0150406	-.051383

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.120	42159.07	6184.182	1128.169	1617.071
Stddev	2.679	280.72	8.770	4.410	2.287
%RSD	.1814563	.6658676	.1418133	.3909307	.1414562

#1	1476.470	42478.19	6189.162	1133.109	1615.208
#2	1478.606	41950.27	6174.056	1126.773	1619.624
#3	1473.284	42048.73	6189.328	1124.626	1616.381

Sample Name: O4101-03DLX10 Acquired: 08/29/2023 18:27:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762064	-.000641	16.80112	-.006312	.3023572	7.460835	.2635088
Stddev	.0008413	.002096	.02454	.005334	.0010181	.025782	.0020583
%RSD	1.103953	326.9850	.1460545	84.51907	.3367200	.3455648	.7810968

#1	.0765104	.001538	16.81193	-.004349	.3033506	7.467683	.2654259
#2	.0752554	-.002643	16.77303	-.012349	.3013161	7.432320	.2613337
#3	.0768535	-.000819	16.81839	-.002236	.3024049	7.482501	.2637668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007119	.0162054	19.58708	.1896847	.0135903	2.370358	44.94007
Stddev	.0000960	.0002978	.15947	.0009119	.0005237	.010162	.29073
%RSD	13.49005	1.837658	.8141769	.4807527	3.853239	.4287237	.6469219

#1	.0008064	.0164235	19.68936	.1886387	.0129996	2.370673	45.17399
#2	.0006144	.0158661	19.40332	.1903125	.0137738	2.360041	44.61458
#3	.0007150	.0163265	19.66855	.1901030	.0139976	2.380359	45.03165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.102152	2.070532	.1577569	.0876923	14.07420	.0110689	2.987928
Stddev	.011198	.029182	.0005004	.0005245	.15089	.0019110	.025963
%RSD	1.016057	1.409373	.3171818	.5980878	1.072085	17.26479	.8689350

#1	1.113241	2.051249	.1575122	.0875869	14.12588	.0115323	2.957964
#2	1.090848	2.056243	.1574261	.0882614	14.19245	.0089687	3.002091
#3	1.102366	2.104105	.1583326	.0872285	13.90426	.0127055	3.003730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.175531	1.191040	.0228189	.0140952	11.11011	.4278015	.0256619
Stddev	.017656	.002026	.0020186	.0004157	.02440	.0055590	.0003765
%RSD	.5560152	.1700622	8.846378	2.949249	.2196061	1.299428	1.467096

#1	3.178056	1.190457	.0251487	.0140144	11.10434	.4329936	.0260939
#2	3.191790	1.189370	.0215935	.0137258	11.08911	.4219368	.0254878
#3	3.156749	1.193293	.0217143	.0145453	11.13688	.4284741	.0254040

Sample Name: O4101-03DLX10 Acquired: 08/29/2023 18:27:18 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLKA2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2717626	.0097934	.0787944
Stddev	.0010941	.0009479	.0001303
%RSD	.4025876	9.679016	.1653283

#1	.2708742	.0108362	.0786604
#2	.2714291	.0095601	.0789206
#3	.2729847	.0089840	.0788021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.016	45020.82	6415.190	1224.223	1831.774
Stddev	2.615	249.38	63.131	8.565	.962
%RSD	.1637296	.5539247	.9840789	.6996381	.0525249

#1	1599.151	45005.41	6348.280	1223.305	1831.410
#2	1597.799	44779.50	6473.700	1216.154	1832.865
#3	1594.100	45277.55	6423.590	1233.210	1831.047

Sample Name: O4102-13 Acquired: 08/29/2023 18:31:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765180	-.010132	3.159715	.0101690	.1017994	41.00993
Stddev	.0033379	.004134	.010011	.0056034	.0008131	.03183
%RSD	4.362212	40.79802	.3168409	55.10274	.7986897	.0776234

#1	.0731048	-.011469	3.152421	.0037056	.1009999	40.97424
#2	.0766739	-.013432	3.171129	.0131420	.1026254	41.02015
#3	.0797751	-.005496	3.155595	.0136592	.1017730	41.03540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.121548	.0029236	.0301170	664.2397	.2422434	.1293731
Stddev	.006357	.0001303	.0000898	2.3478	.0014251	.0011183
%RSD	.2996434	4.457088	.2981983	.3534548	.5883074	.8644131

#1	2.117302	.0030735	.0301323	663.3292	.2412985	.1297857
#2	2.118486	.0028600	.0300205	662.4835	.2438827	.1302265
#3	2.128857	.0028373	.0301981	666.9064	.2415491	.1281071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.879615	100.2490	2.892324	35.54632	.5697855	.0405498
Stddev	.010372	.1207	.013378	.09766	.0019807	.0003104
%RSD	.5518020	.1203938	.4625401	.2747432	.3476223	.7655463

#1	1.888836	100.2928	2.880287	35.53764	.5678074	.0403997
#2	1.881623	100.1126	2.889957	35.45329	.5717688	.0403430
#3	1.868386	100.3418	2.906728	35.64803	.5697805	.0409068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.64186	.1043602	8.805783	59.30354	F 21.99787	.5270509
Stddev	.14068	.0026193	.074940	.12538	.06422	.0056330
%RSD	.2399014	2.509884	.8510352	.2114253	.2919262	1.068770

#1	58.69023	.1048772	8.807020	59.44754	21.92810	.5253292
#2	58.48337	.1015209	8.880097	59.21856	22.05450	.5224797
#3	58.75197	.1066824	8.730231	59.24452	22.01102	.5333438

Sample Name: O4102-13 Acquired: 08/29/2023 18:31:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLKD2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181653	39.72574	6.553183	.2216103	1.278776	.0690042
Stddev	.0002327	.09587	.044833	.0046254	.001711	.0010787
%RSD	1.280895	.2413341	.6841393	2.087184	.1337625	1.563255
#1	.0180812	39.62992	6.530792	.2251845	1.279373	.0701296
#2	.0179863	39.72564	6.523955	.2232604	1.276847	.0679792
#3	.0184283	39.82166	6.604800	.2163862	1.280109	.0689037

Elem	Sr4077
Units	ppm
Avg	1.657552
Stddev	.002087
%RSD	.1258809
#1	1.659658
#2	1.655485
#3	1.657512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.246	43980.80	6523.044	1180.367	1611.004
Stddev	3.453	111.47	29.406	4.759	3.802
%RSD	.2239254	.2534605	.4507957	.4031465	.2360119
#1	1538.275	43861.34	6532.161	1176.259	1614.064
#2	1543.919	43999.03	6546.811	1179.260	1606.747
#3	1544.545	44082.04	6490.159	1185.581	1612.199

Sample Name: CCV015 Acquired: 08/29/2023 18:35:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981392	4.890782	24.39297	4.888335	4.930018	395.0006	10.56159
Stddev	.030920	.015284	.04319	.018992	.012701	1.2263	.04205
%RSD	.6207062	.3125123	.1770675	.3885137	.2576288	.3104580	.3981613

#1	4.976226	4.899101	24.36299	4.870532	4.919621	393.9332	10.52690
#2	4.953380	4.873143	24.37345	4.886147	4.926259	396.3401	10.60836
#3	5.014569	4.900103	24.44248	4.908326	4.944175	394.7286	10.54951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4961440	2.424810	393.0181	14.98969	2.469863	15.32319	393.9269
Stddev	.0020886	.004432	1.7992	.02272	.002109	.05071	1.8262
%RSD	.4209725	.1827955	.4577964	.1515601	.0853704	.3309599	.4635793

#1	.4937329	2.420502	391.3480	14.98683	2.468848	15.28394	392.4910
#2	.4973960	2.424570	394.9233	14.96853	2.468454	15.38045	395.9822
#3	.4973032	2.429357	392.7831	15.01370	2.472287	15.30518	393.3075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76015	385.4318	2.464504	1.286059	390.1348	2.469536	14.05574
Stddev	.08682	1.9262	.003490	.002478	.5764	.005364	.04639
%RSD	.5882026	.4997572	.1416051	.1927043	.1477564	.2172266	.3300289

#1	14.68487	383.9722	2.465211	1.283786	389.7797	2.464018	14.10528
#2	14.85512	387.6151	2.460714	1.285690	390.7999	2.474732	14.01333
#3	14.74045	384.7082	2.467585	1.288701	389.8247	2.469858	14.04862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.7390	5.260598	4.641423	4.754471	5.130497	4.923664	4.888381
Stddev	.5068	.011509	.026010	.016605	.018930	.022854	.009040
%RSD	.3274929	.2187697	.5603822	.3492474	.3689644	.4641680	.1849208

#1	154.2766	5.260760	4.611532	4.751952	5.138834	4.897306	4.892816
#2	155.2808	5.249010	4.653840	4.739269	5.143828	4.937970	4.877980
#3	154.6598	5.272025	4.658897	4.772191	5.108830	4.935715	4.894346

Sample Name: CCV015 Acquired: 08/29/2023 18:35:18 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.986771	5.282777	4.710629
Stddev	.021457	.030553	.026734
%RSD	.4302859	.5783434	.5675205

#1	4.963104	5.258806	4.685473
#2	5.004956	5.317179	4.707711
#3	4.992253	5.272347	4.738701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.998	39614.90	5970.572	1032.036	1410.880
Stddev	3.411	48.42	7.917	4.414	2.677
%RSD	.2553019	.1222173	.1325949	.4277227	.1897256

#1	1333.068	39560.75	5978.197	1027.103	1408.086
#2	1339.742	39654.01	5962.393	1035.615	1411.131
#3	1335.183	39629.94	5971.127	1033.390	1413.422

Sample Name: CCB015 Acquired: 08/29/2023 18:39:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011473	.0001586	.0016271	.0040029	-.000520	.0007047	.0004949
Stddev	.0039650	.0035652	.0013428	.0005741	.003803	.0052933	.0002196
%RSD	345.5973	2247.347	82.52664	14.34299	730.9234	751.1024	44.36111

#1	-.003423	.0037904	.0004741	.0035832	.000412	.0004876	.0005075
#2	.003671	-.003336	.0013059	.0046571	.002730	.0061033	.0002694
#3	.003193	.000022	.0031014	.0037682	-.004703	-.004477	.0007079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000192	-.000113	.0008203	-.000278	.0001771	.0020941	.0118920
Stddev	.000023	.000096	.0110268	.000843	.0004916	.0022485	.0105558
%RSD	12.15584	85.17076	1344.222	302.8637	277.5400	107.3704	88.76414

#1	-.000167	-.000173	.0087256	.000555	.0003411	-.000018	.0170452
#2	-.000196	-.000162	.0055118	-.000259	.0005658	.004458	.0188815
#3	-.000213	-.000002	-.011776	-.001130	-.000376	.001843	-.000251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004435	-.009085	-.000292	.0002822	-.132015	-.002646	-.001930
Stddev	.0008218	.014013	.000152	.0003697	.263911	.003383	.003062
%RSD	185.3049	154.2356	52.09811	131.0293	199.9099	127.8297	158.6626

#1	-.000066	-.024555	-.000174	.0005265	-.428120	-.000024	-.003582
#2	.001391	-.005458	-.000463	.0004632	-.046335	-.006464	.001603
#3	.000005	.002757	-.000238	-.000143	.078410	-.001450	-.003811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010103	-.004406	.0111111	.0010206	.0125256	.0054911	-.000103
Stddev	.0258474	.002903	.0006444	.0004866	.0078951	.0003501	.000418
%RSD	25.58888	65.88288	5.799503	47.67408	63.03133	6.376626	404.9773

#1	.0746863	-.001539	.0103682	.0014098	.0216102	.0057285	.000081
#2	.1019913	-.004336	.0115189	.0004751	.0073236	.0050890	-.000582
#3	.1263532	-.007343	.0114462	.0011770	.0086431	.0056559	.000191

Sample Name: CCB015 Acquired: 08/29/2023 18:39:18 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v406) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000270	.0048248	-.000050
Stddev	.000555	.0007313	.000064
%RSD	206.0742	15.15774	128.0799

#1	.000359	.0055680	-.000054
#2	-.000696	.0041060	.000016
#3	-.000471	.0048005	-.000113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.210	45160.13	6357.587	1231.636	1858.238
Stddev	1.998	96.27	18.179	7.472	.547
%RSD	.1246428	.2131770	.2859369	.6066434	.0294225

#1	1601.133	45203.39	6349.610	1235.593	1857.659
#2	1605.119	45227.19	6344.760	1236.297	1858.746
#3	1603.376	45049.82	6378.390	1223.018	1858.309