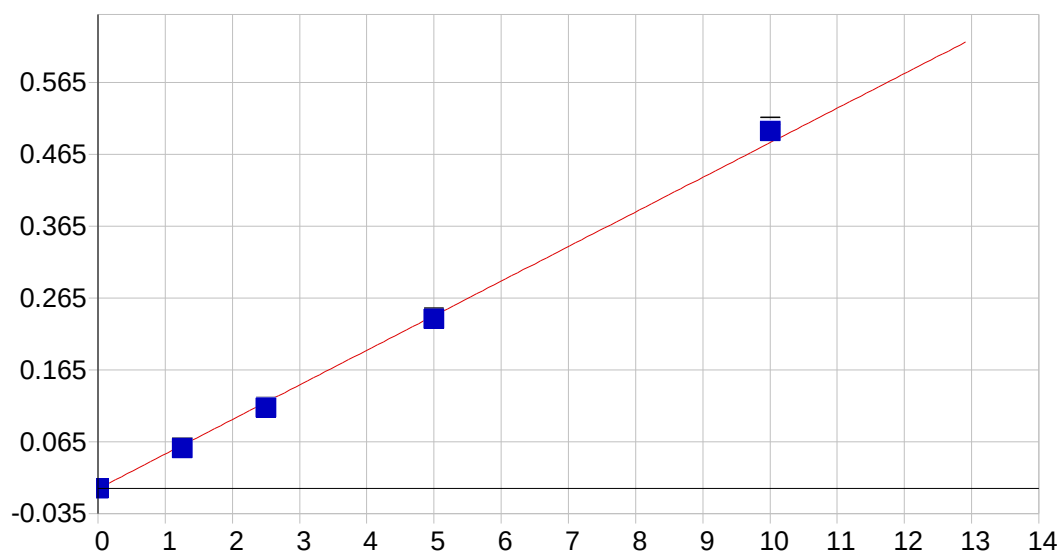


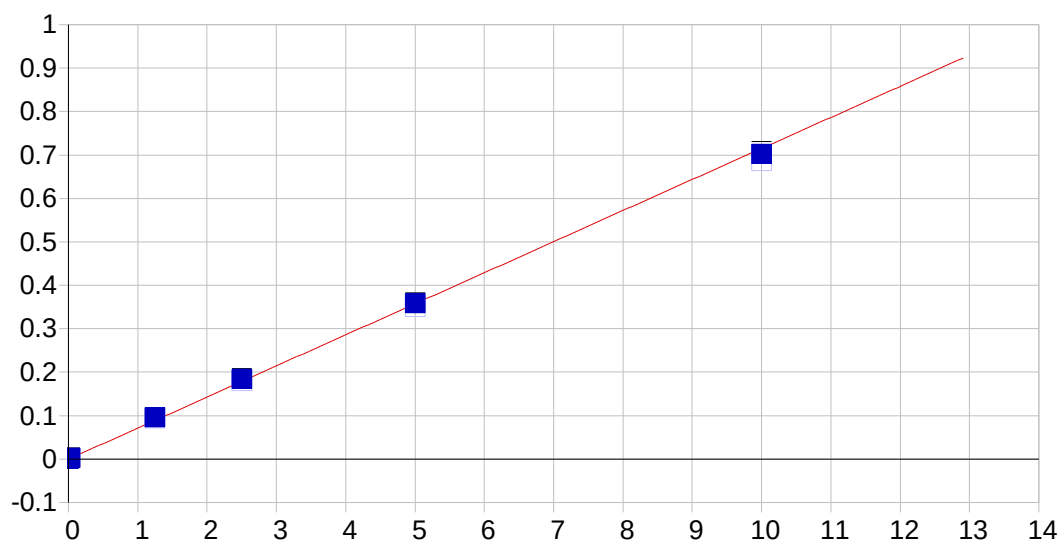


As 189.042 {479}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.048159 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999259 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002828
 Predicted MQL: 0.009427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.01067	.001	6.69	.00032	.000	1
S2	1.2500	1.1707	-.079	-6.35	.05634	.000	1
S3	2.5000	2.3442	-.156	-6.23	.11302	.000	1
S4	5.0000	4.8999	-.100	-2.00	.23643	.001	1
S5	10.000	10.335	.335	3.35	.49880	.005	1

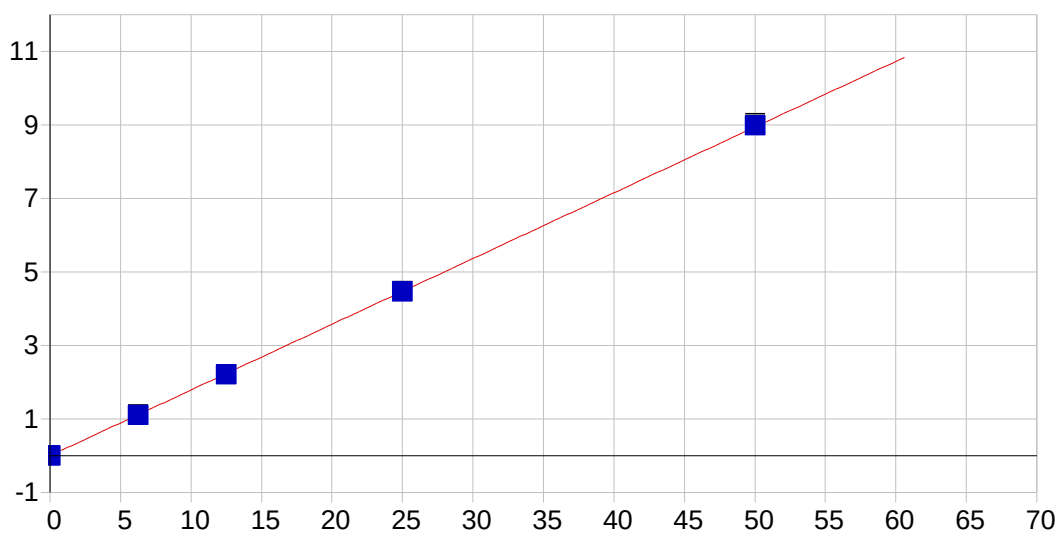


TI 190.856 {477}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.071533 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.001547
 Predicted MQL: 0.005158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00022	.000	1
S1	.02500	.02956	.005	18.2	.00174	.000	1
S2	1.2500	1.3403	.090	7.22	.09352	.000	1
S3	2.5000	2.5752	.075	3.01	.17972	.001	1
S4	5.0000	5.0085	.009	.171	.34952	.001	1
S5	10.000	9.8218	-.178	-1.78	.68528	.006	1

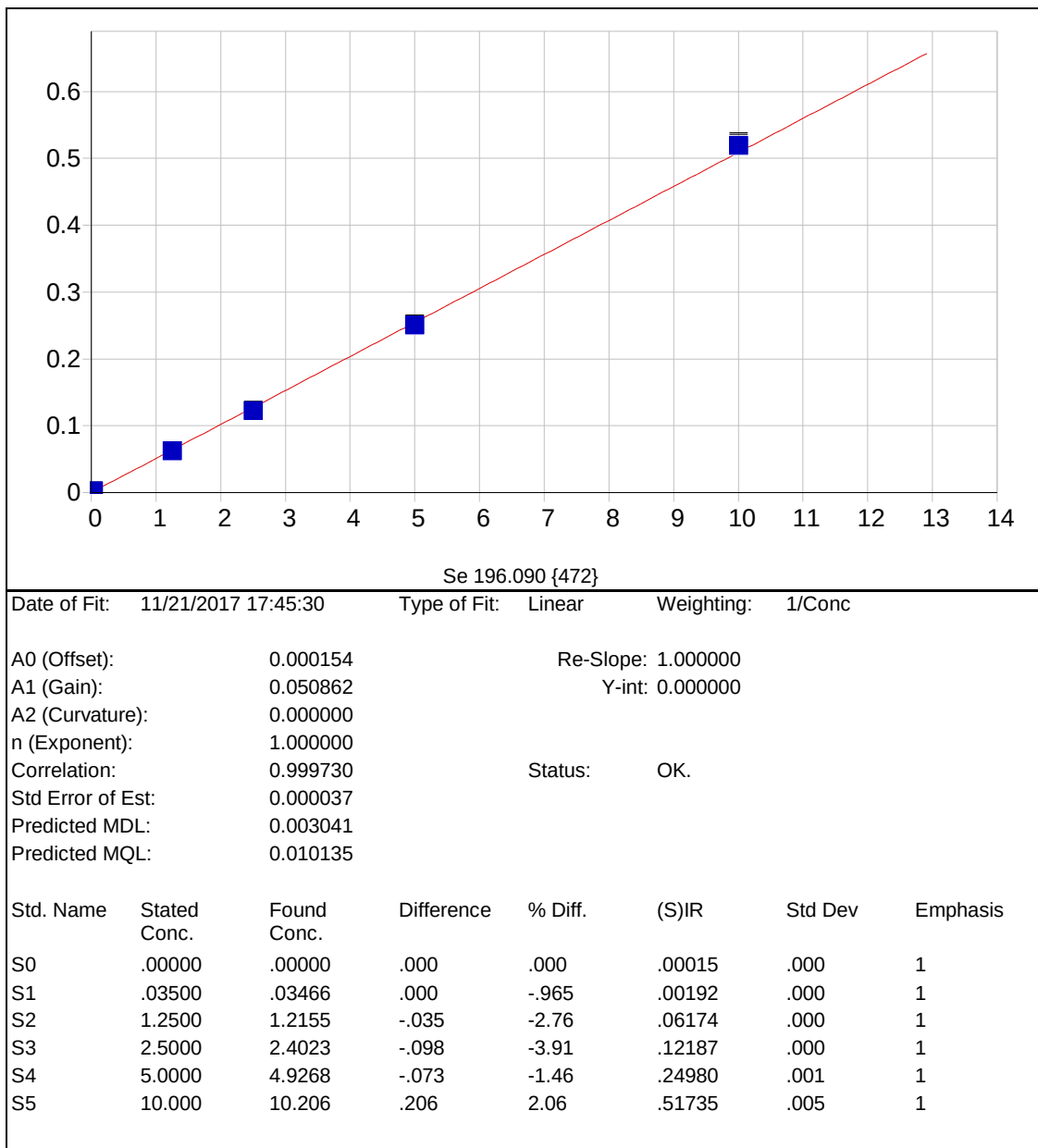


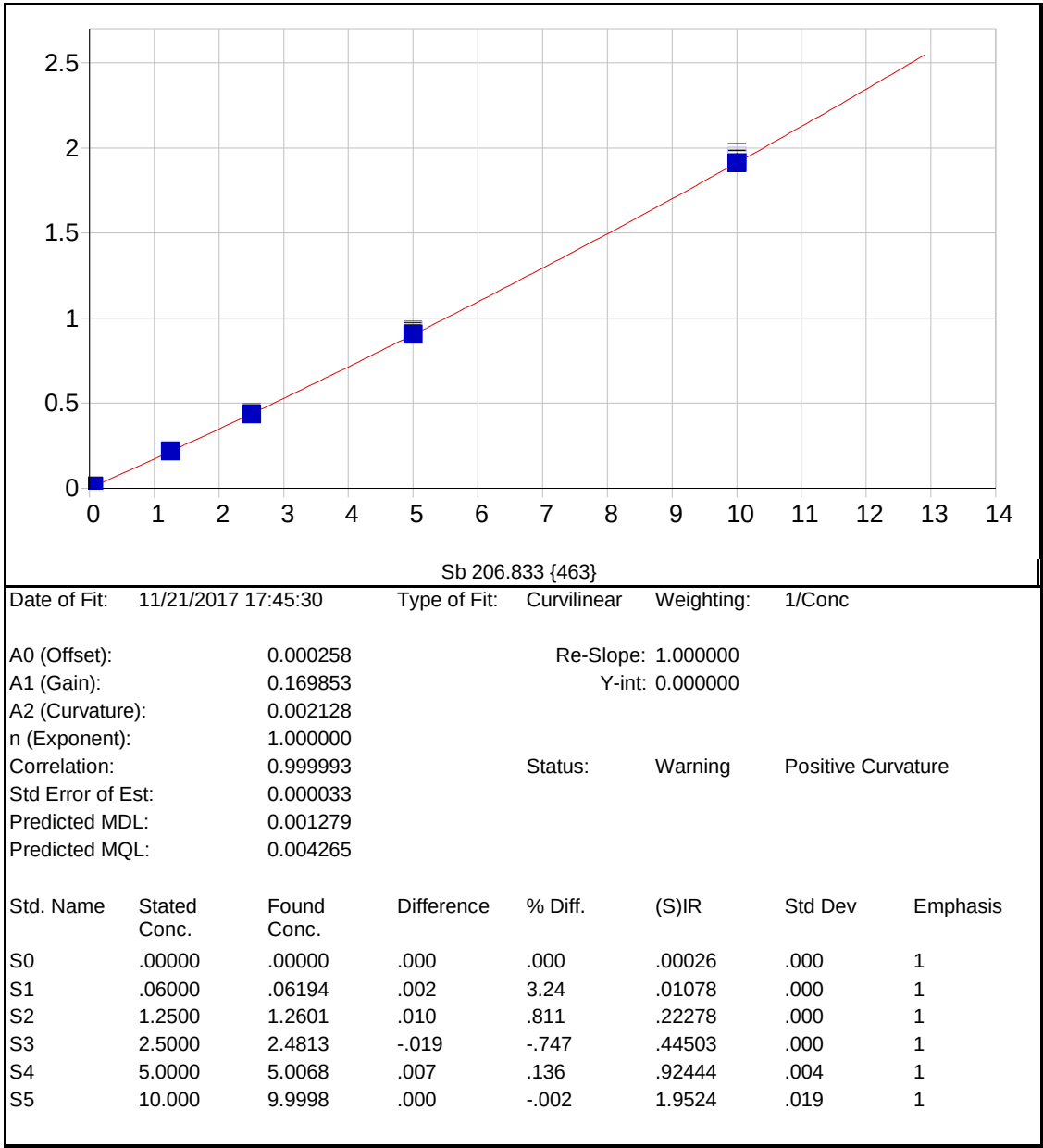
Pb 220.353 {453}

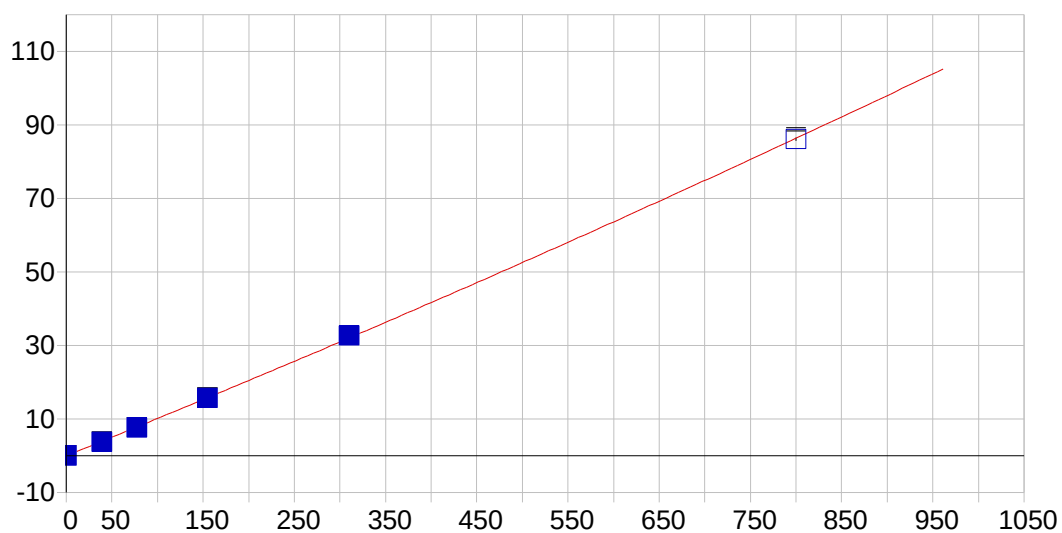
Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.178850 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001315
 Predicted MQL: 0.004382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.01055	.001	5.50	.00163	.000	1
S2	6.2500	6.2162	-.034	-.541	1.1118	.003	1
S3	12.500	12.311	-.189	-1.51	2.2020	.003	1
S4	25.000	24.969	-.031	-.126	4.4664	.005	1
S5	50.000	50.254	.254	.508	8.9897	.049	1





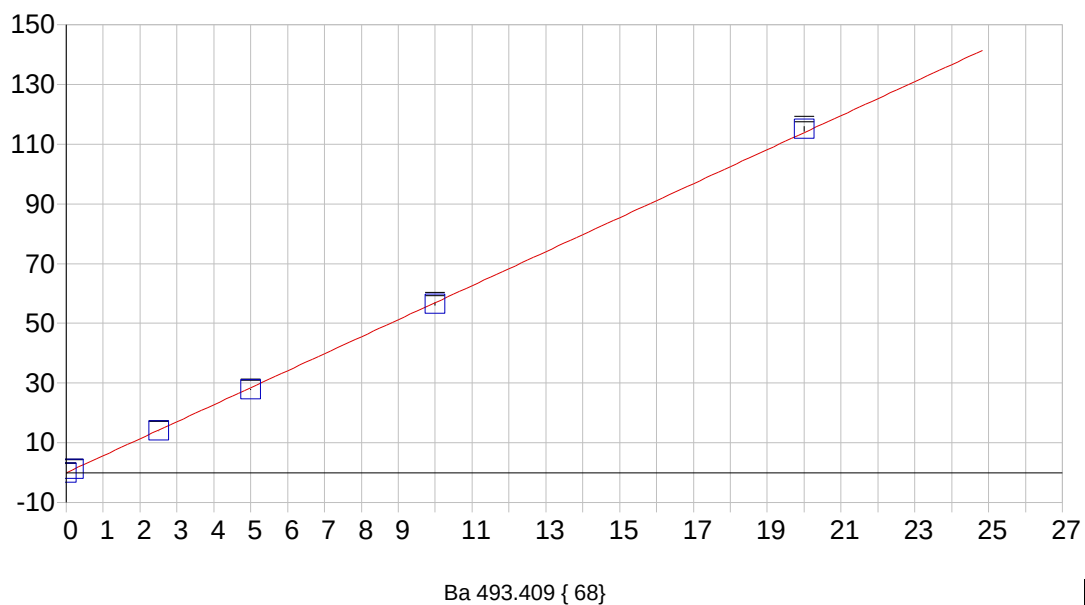


AI 396.152 { 85}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.100347 Y-int: 0.000000
 A2 (Curvature): 0.000010
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: Warning Positive Curvature
 Std Error of Est: 0.000923
 Predicted MDL: 0.006113
 Predicted MQL: 0.020376

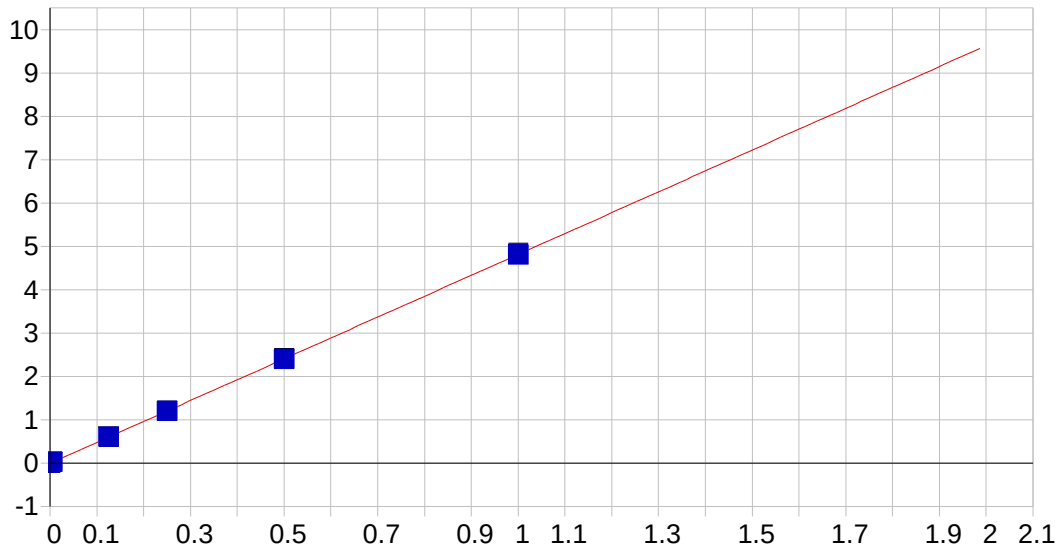
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00004	.000	1
S1	.20000	.19805	-.002	-.974	.01987	.001	1
S2	38.750	37.667	-1.08	-2.79	3.7979	.018	1
S3	77.500	75.026	-2.47	-3.19	7.5913	.026	1
S4	155.00	154.43	-.575	-.371	15.741	.065	1
S5	310.00	315.83	5.83	1.88	32.678	.030	1
S6	800.00	798.28	-1.72	-.215	86.161	.458	1



Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.019946	Re-Slope: 1.000000
A1 (Gain):	5.694318	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999929	Status: OK.
Std Error of Est:	0.007193	
Predicted MDL:	0.000275	
Predicted MQL:	0.000918	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.01990	.001	1
S1	.20000	.19924	-.001	-.378	1.1146	.006	1
S2	2.5000	2.4595	-.041	-1.62	13.985	.107	1
S3	5.0000	4.9004	-.100	-1.99	27.885	.182	1
S4	10.000	9.9308	-.069	-.692	56.529	.576	1
S5	20.000	20.210	.210	1.05	115.06	.871	1

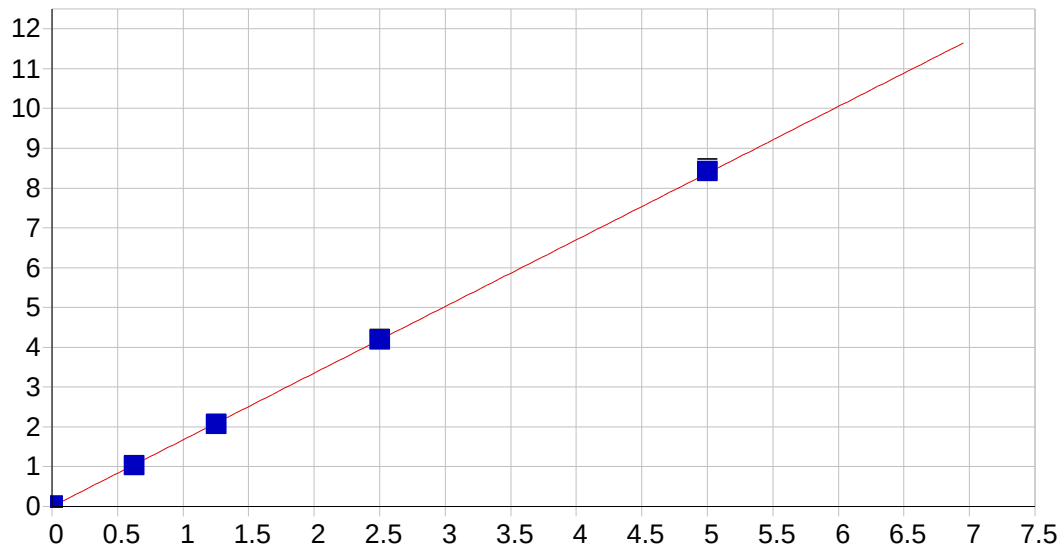


Be 234.861 {144}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002000	Re-Slope: 1.000000
A1 (Gain):	4.814718	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999977	Status: OK.
Std Error of Est:	0.000122	
Predicted MDL:	0.000072	
Predicted MQL:	0.000241	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00200	.000	1
S1	.00500	.00553	.001	10.5	.02459	.000	1
S2	.12500	.12685	.002	1.48	.60672	.003	1
S3	.25000	.24963	.000	-.149	1.1958	.007	1
S4	.50000	.49945	-.001	-.111	2.3946	.011	1
S5	1.0000	.99855	-.001	-.145	4.7896	.034	1

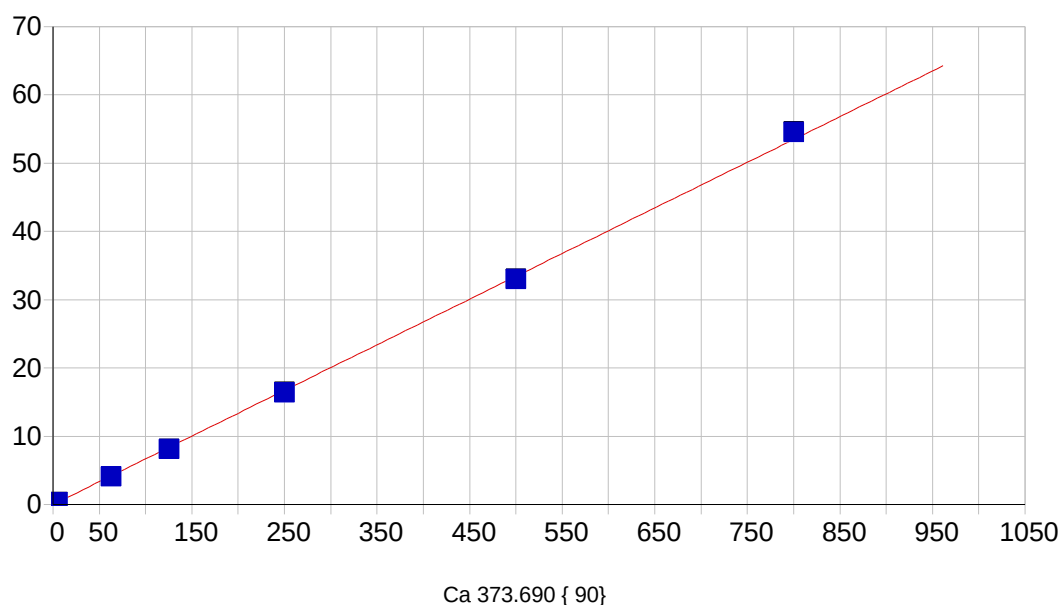


Cd 214.438 {457}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000218 Re-Slope: 1.000000
 A1 (Gain): 1.674689 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000090
 Predicted MQL: 0.000299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00500	.00487	.000	-2.57	.00838	.000	1
S2	.62500	.61591	-.009	-1.45	1.0341	.002	1
S3	1.2500	1.2309	-.019	-1.53	2.0665	.002	1
S4	2.5000	2.4988	-.001	-.049	4.1947	.014	1
S5	5.0000	5.0296	.030	.592	8.4429	.049	1



Date of Fit: 11/21/2017 17:45:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000959

Re-Slope: 1.000000

A1 (Gain): 0.066846

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999815

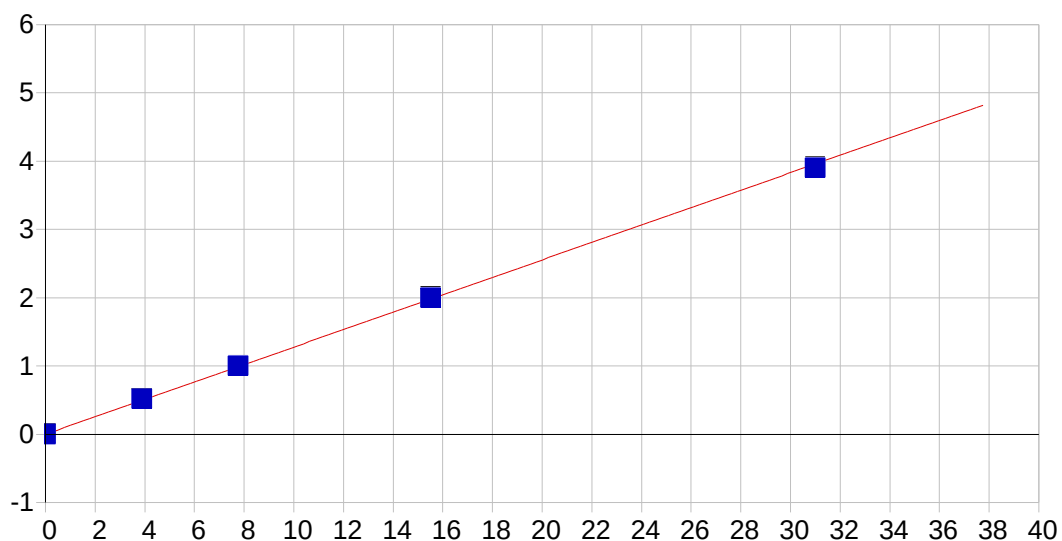
Status: OK.

Std Error of Est: 0.004487

Predicted MDL: 0.008703

Predicted MQL: 0.029010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	.00099	.001	1
S1	5.0000	4.8965	-.103	-2.07	.32826	.001	1
S2	62.500	60.876	-1.62	-2.60	4.0652	.029	1
S3	125.00	121.09	-3.91	-3.13	8.0853	.047	1
S4	250.00	245.76	-4.24	-1.70	16.409	.044	1
S5	500.00	493.71	-6.29	-1.26	32.963	.063	1
S6	800.00	816.17	16.2	2.02	54.451	.105	1

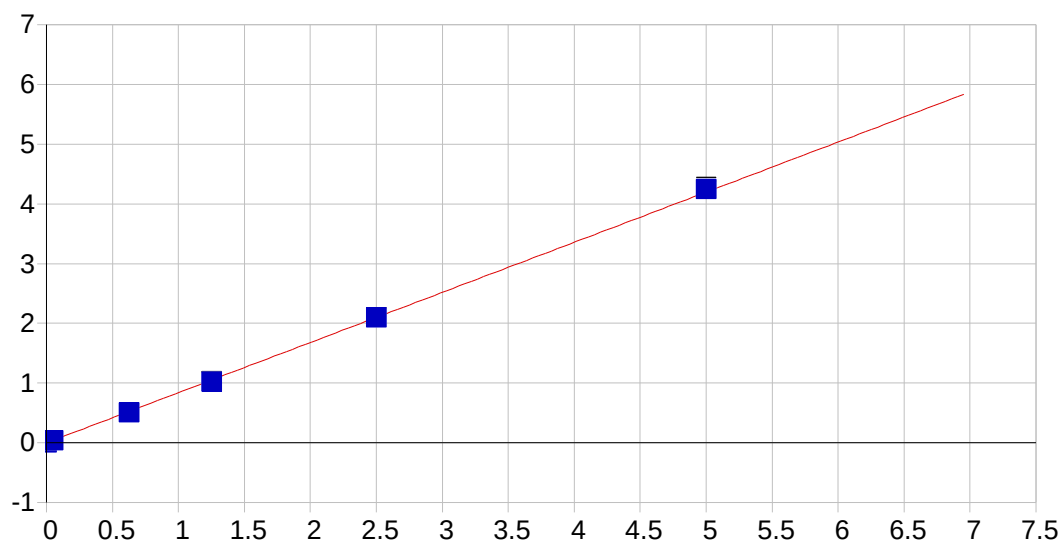


Cr 267.716 {126}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.127722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.000437
 Predicted MQL: 0.001456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01126	.001	12.6	.00146	.000	1
S2	3.8750	4.0641	.189	4.88	.52035	.001	1
S3	7.7500	7.8632	.113	1.46	1.0069	.001	1
S4	15.500	15.636	.136	.879	2.0022	.015	1
S5	31.000	30.560	-.440	-1.42	3.9135	.008	1

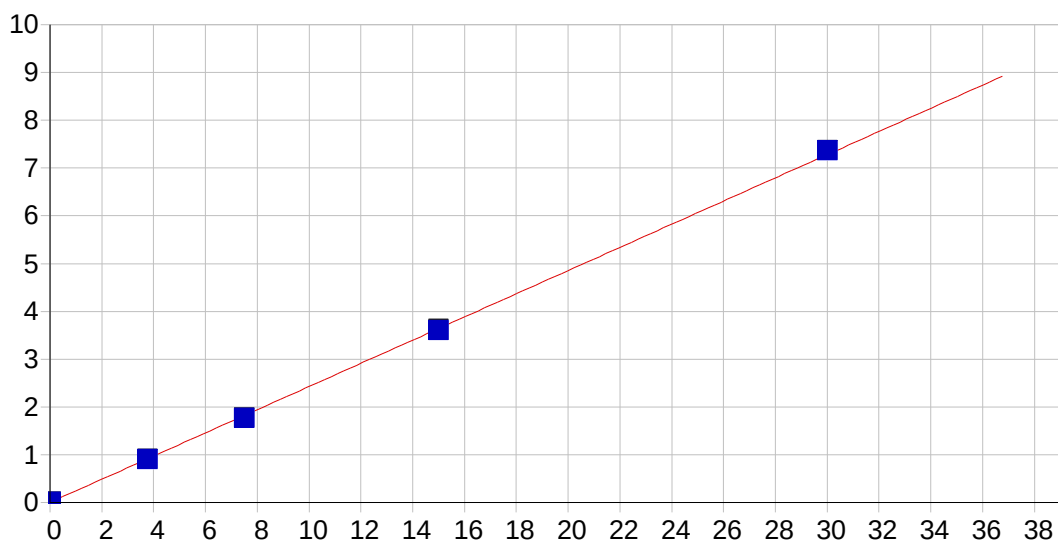


Co 228.616 {448}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.839218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000361
 Predicted MDL: 0.000201
 Predicted MQL: 0.000669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00017	.000	1
S1	.05000	.04679	-.003	-6.42	.03925	.000	1
S2	.62500	.60573	-.019	-3.08	.50926	.001	1
S3	1.2500	1.2168	-.033	-2.66	1.0232	.002	1
S4	2.5000	2.4938	-.006	-.249	2.0970	.002	1
S5	5.0000	5.0619	.062	1.24	4.2566	.028	1

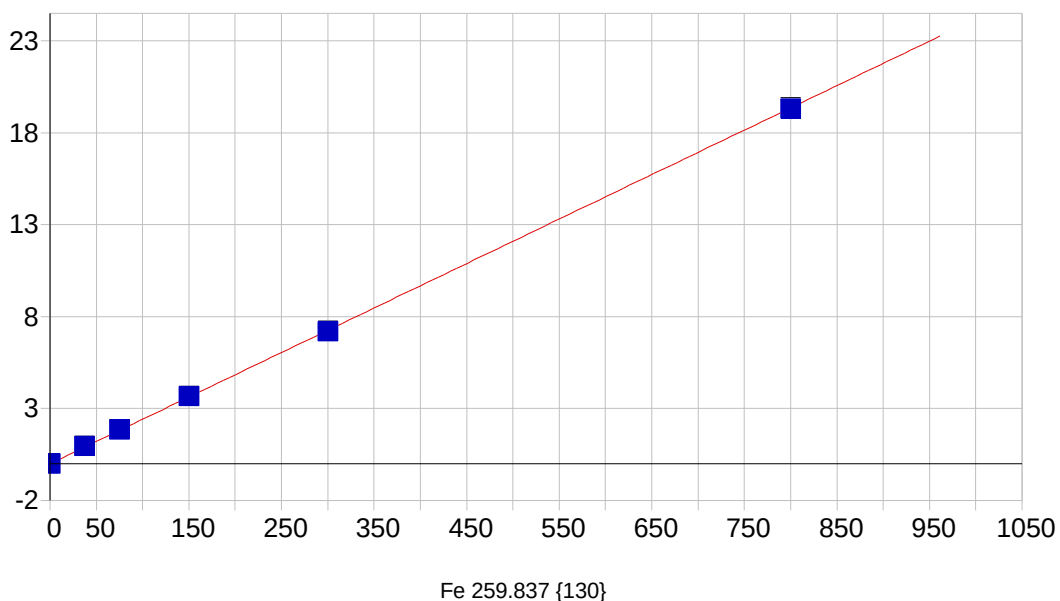


Cu 324.754 {104}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001643 Re-Slope: 1.000000
 A1 (Gain): 0.242612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.001550
 Predicted MQL: 0.005168

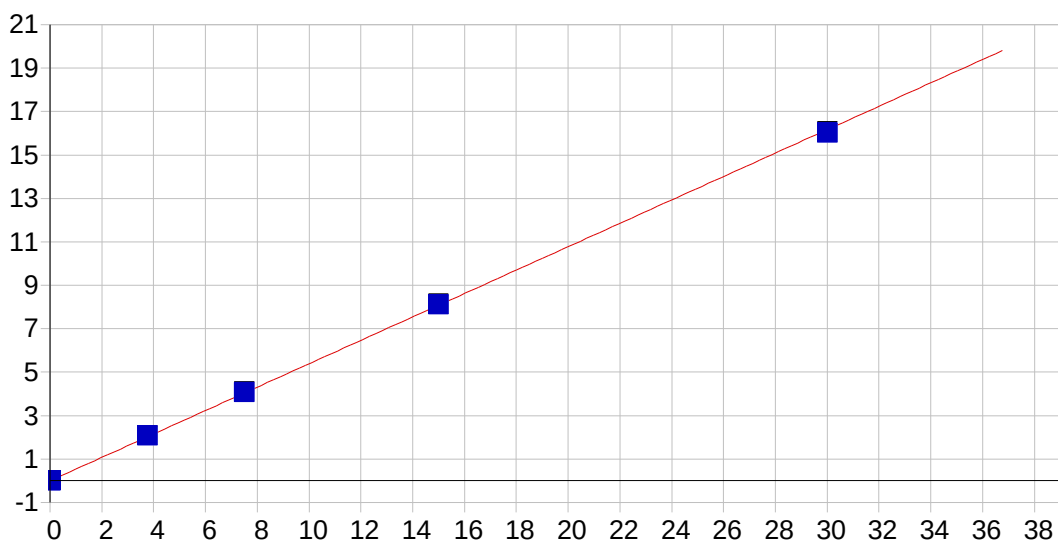
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00164	.000	1
S1	.02500	.02612	.001	4.47	.00794	.000	1
S2	3.7500	3.7097	-.040	-1.07	.90088	.002	1
S3	7.5000	7.2976	-.202	-2.70	1.7706	.003	1
S4	15.000	14.870	-.130	-.868	3.6061	.019	1
S5	30.000	30.372	.372	1.24	7.3640	.006	1



Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.024198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.007819
 Predicted MQL: 0.026062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00000	.000	1
S1	.10000	.10684	.007	6.84	.00259	.000	1
S2	37.500	38.888	1.39	3.70	.94210	.005	1
S3	75.000	76.161	1.16	1.55	1.8451	.005	1
S4	150.00	151.34	1.34	.896	3.6665	.014	1
S5	300.00	297.59	-2.41	-.802	7.2098	.014	1
S6	800.00	798.50	-1.50	-.187	19.332	.036	1

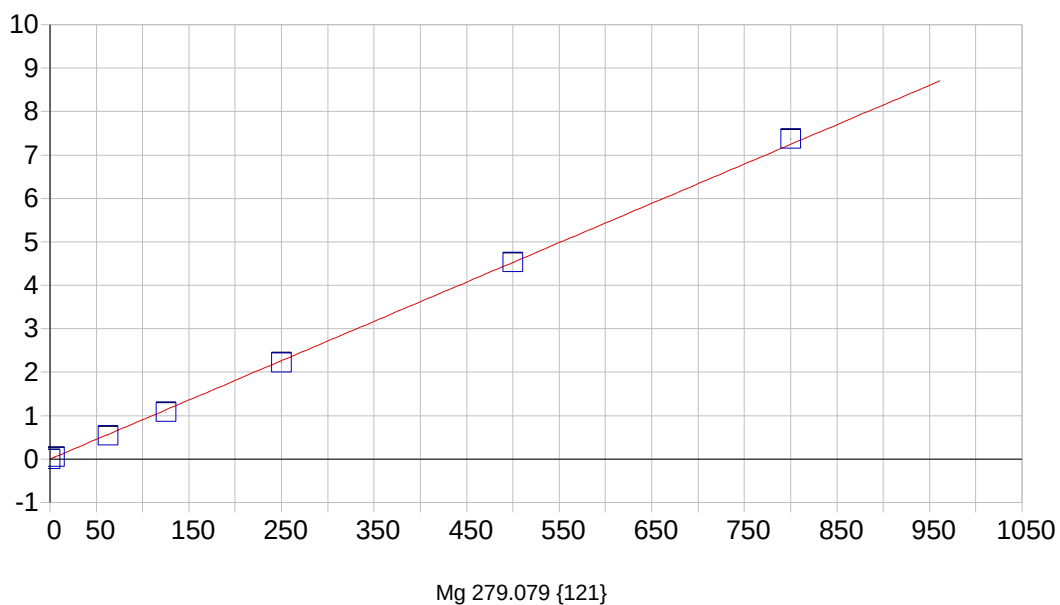


Mn 257.610 {131}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.538893 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000398
 Predicted MQL: 0.001328

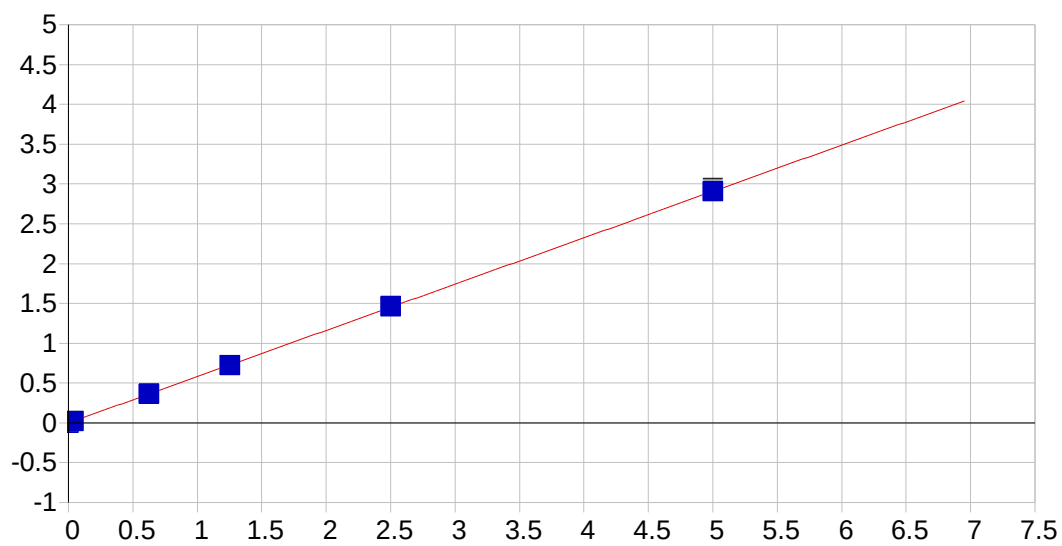
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01607	.001	7.16	.00861	.000	1
S2	3.7500	3.8593	.109	2.91	2.0801	.012	1
S3	7.5000	7.5736	.074	.982	4.0822	.012	1
S4	15.000	15.069	.069	.457	8.1221	.023	1
S5	30.000	29.747	-.253	-.842	16.034	.032	1



Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.009057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.000666
 Predicted MDL: 0.024392
 Predicted MQL: 0.081307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00079	.001	.000	-.00030	.000	1
S1	5.0000	4.7078	-.292	-5.84	.04232	.000	1
S2	62.500	59.189	-3.31	-5.30	.53574	.003	1
S3	125.00	119.21	-5.79	-4.63	1.0793	.004	1
S4	250.00	245.74	-4.26	-1.70	2.2253	.010	1
S5	500.00	499.81	-.195	-.039	4.5262	.010	1
S6	800.00	813.85	13.8	1.73	7.3703	.006	1

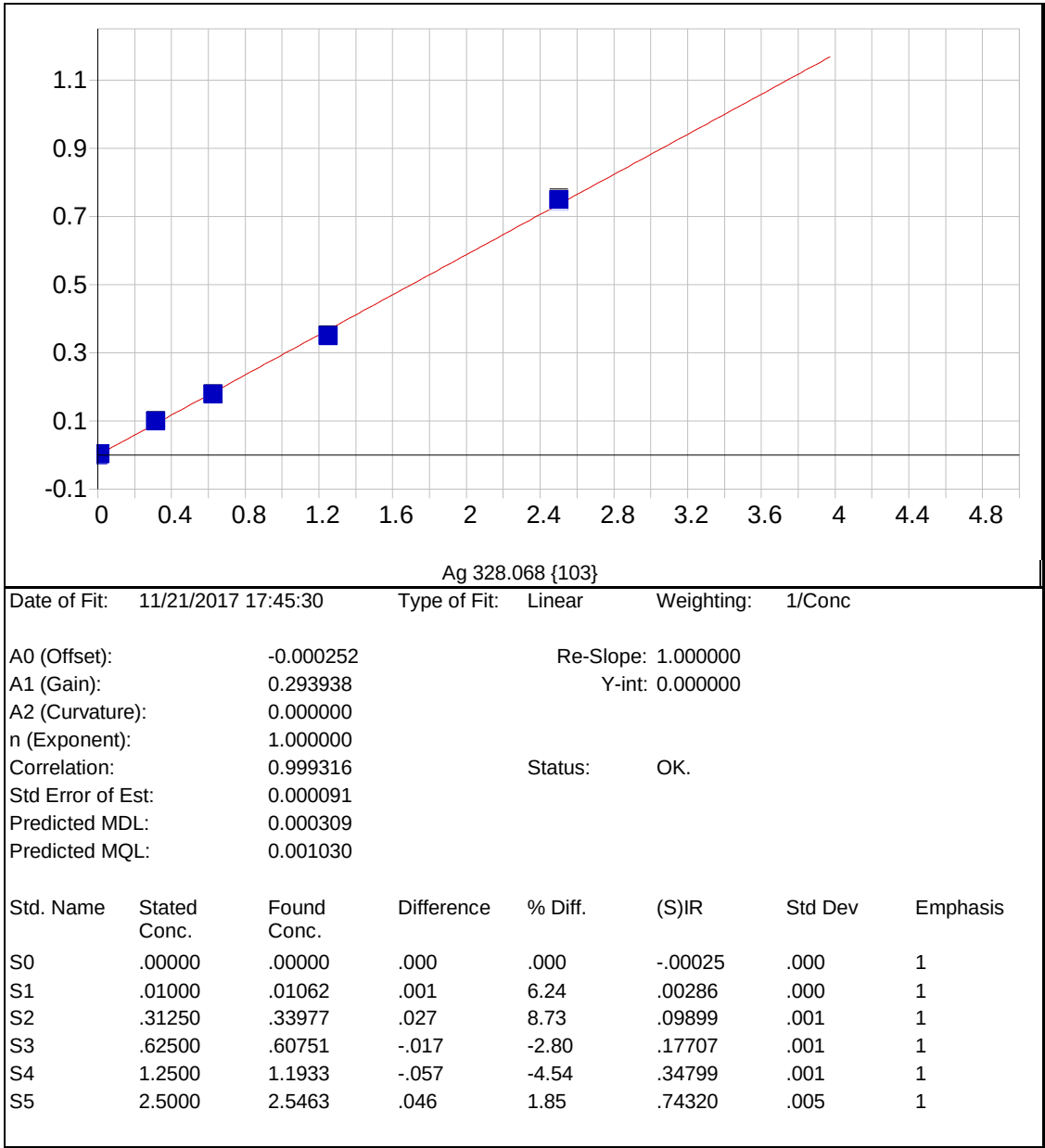


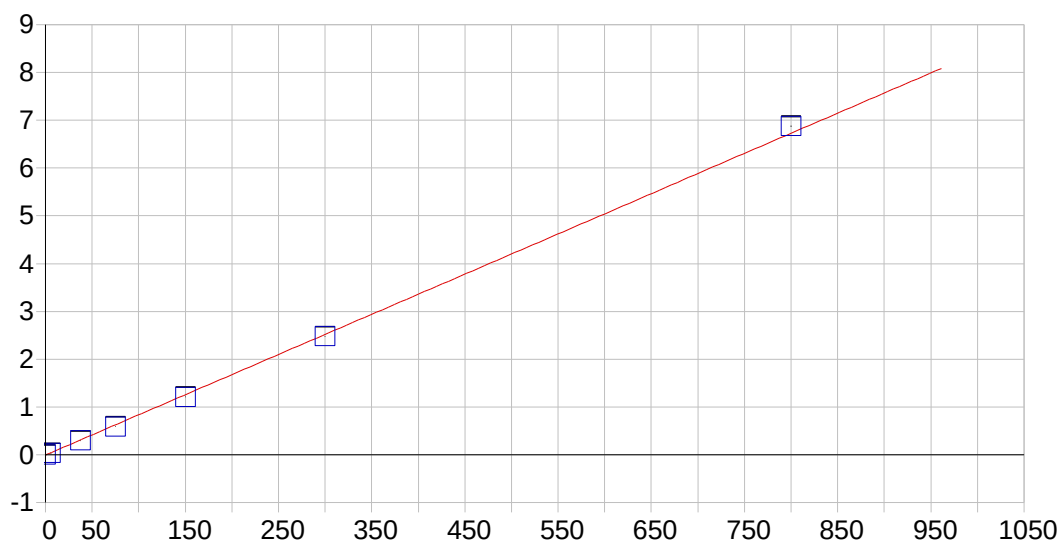
Ni 231.604 {446}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.581335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.000335
 Predicted MQL: 0.001118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.04000	.04015	.000	.378	.02260	.000	1
S2	.62500	.62435	-.001	-.103	.36410	.000	1
S3	1.2500	1.2396	-.010	-.832	.72367	.001	1
S4	2.5000	2.5066	.007	.264	1.4641	.002	1
S5	5.0000	5.0043	.004	.086	2.9237	.020	1





Na 818.326 { 41}

Date of Fit: 11/21/2017 17:45:30

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006140

Re-Slope: 1.000000

A1 (Gain): 0.008415

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999598

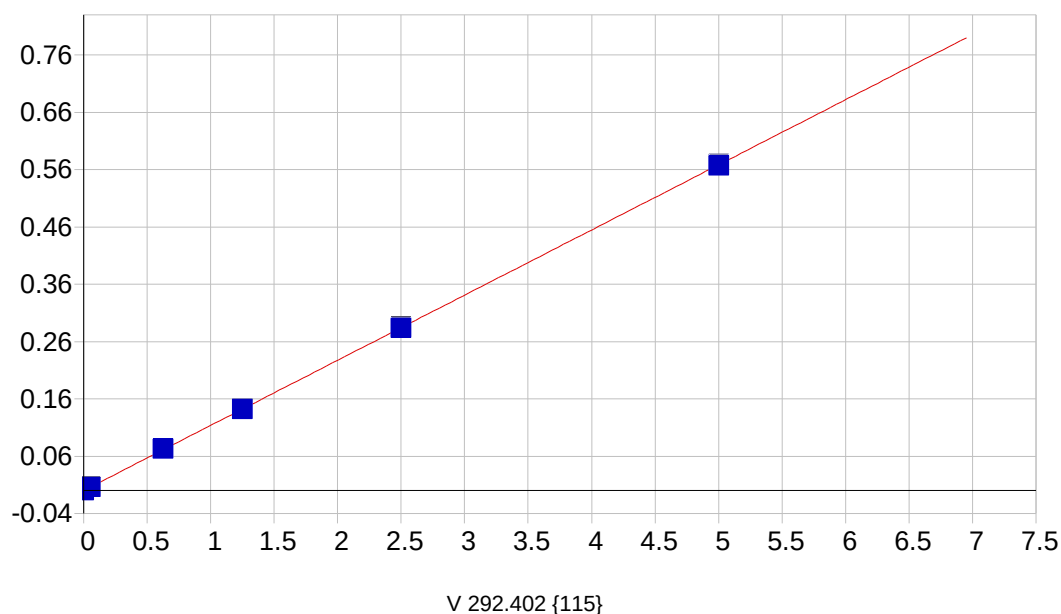
Status: OK.

Std Error of Est: 0.000738

Predicted MDL: 0.153198

Predicted MQL: 0.510662

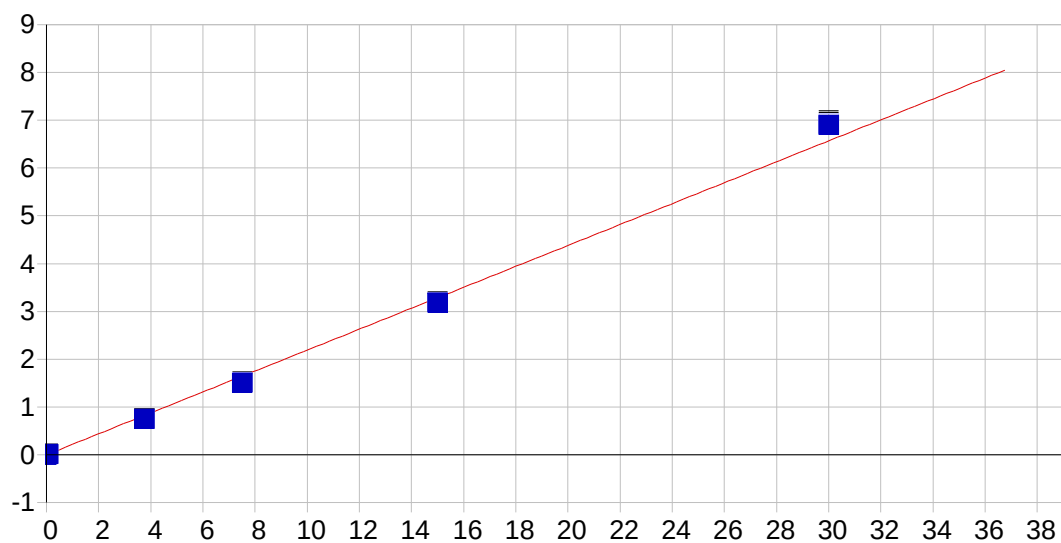
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00106	.001	.000	-.00613	.000	1
S1	5.0000	4.6741	-.326	-6.52	.03319	.001	1
S2	37.500	35.486	-2.01	-5.37	.29249	.001	1
S3	75.000	70.530	-4.47	-5.96	.58740	.003	1
S4	150.00	144.27	-5.73	-3.82	1.2079	.006	1
S5	300.00	294.78	-5.22	-1.74	2.4746	.003	1
S6	800.00	817.76	17.8	2.22	6.8756	.007	1



Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.113661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002896
 Predicted MQL: 0.009654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.05000	.05292	.003	5.85	.00599	.000	1
S2	.62500	.63801	.013	2.08	.07277	.000	1
S3	1.2500	1.2476	-.002	-.192	.14235	.001	1
S4	2.5000	2.4979	-.002	-.082	.28505	.002	1
S5	5.0000	4.9885	-.011	-.229	.56931	.001	1

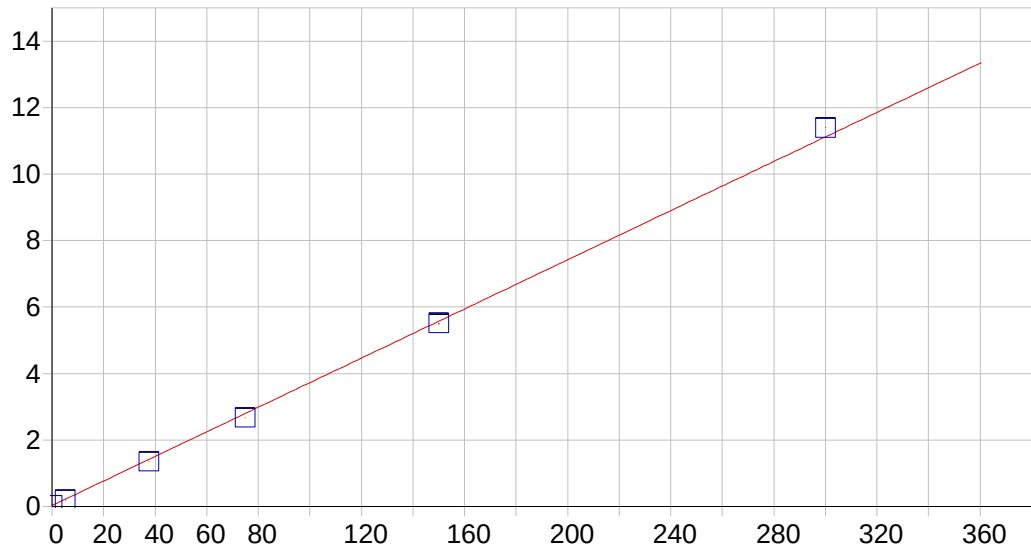


Zn 213.856 {158}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000349 Re-Slope: 1.000000
 A1 (Gain): 0.218984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998437 Status: OK.
 Std Error of Est: 0.000877
 Predicted MDL: 0.002455
 Predicted MQL: 0.008182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00035	.001	1
S1	.06000	.05426	-.006	-9.57	.01159	.000	1
S2	3.7500	3.3999	-.350	-9.34	.74861	.007	1
S3	7.5000	6.8610	-.639	-8.52	1.5110	.011	1
S4	15.000	14.503	-.497	-3.31	3.1933	.005	1
S5	30.000	31.492	1.49	4.97	6.9314	.060	1

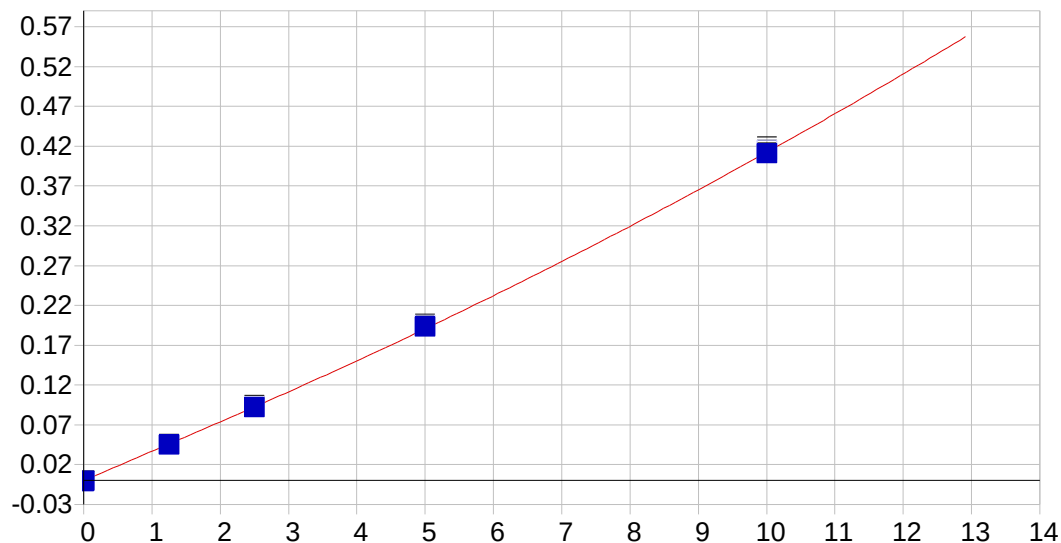


K 769.896 { 44}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027835 Re-Slope: 1.000000
 A1 (Gain): 0.036967 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.002213
 Predicted MDL: 0.036591
 Predicted MQL: 0.121972

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00070	.001	.000	.02786	.000	1
S1	5.0000	4.7067	-.293	-5.87	.20183	.002	1
S2	37.500	35.743	-1.76	-4.69	1.3491	.005	1
S3	75.000	71.385	-3.62	-4.82	2.6667	.005	1
S4	150.00	148.24	-1.76	-1.17	5.5079	.023	1
S5	300.00	307.42	7.42	2.47	11.392	.008	1

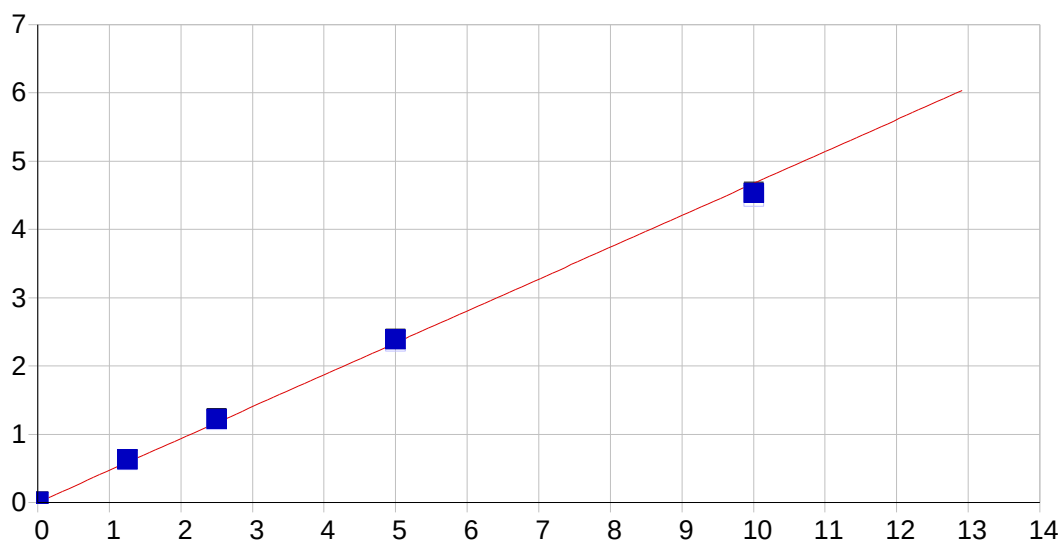


P 177.495 {490}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000838 Re-Slope: 1.000000
 A1 (Gain): 0.036466 Y-int: 0.000000
 A2 (Curvature): 0.001258
 n (Exponent): 0.940000
 Correlation: 0.999929 Status: Warning Positive Curvature
 Std Error of Est: 0.000011
 Predicted MDL: 0.002498
 Predicted MQL: 0.008328

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.01000	.01279	.003	27.9	-.00023	.000	1
S2	1.2500	1.2178	-.032	-2.58	.04539	.000	1
S3	2.5000	2.4879	-.012	-.485	.09308	.001	1
S4	5.0000	5.0647	.065	1.29	.19537	.001	1
S5	10.000	9.9767	-.023	-.233	.41528	.004	1

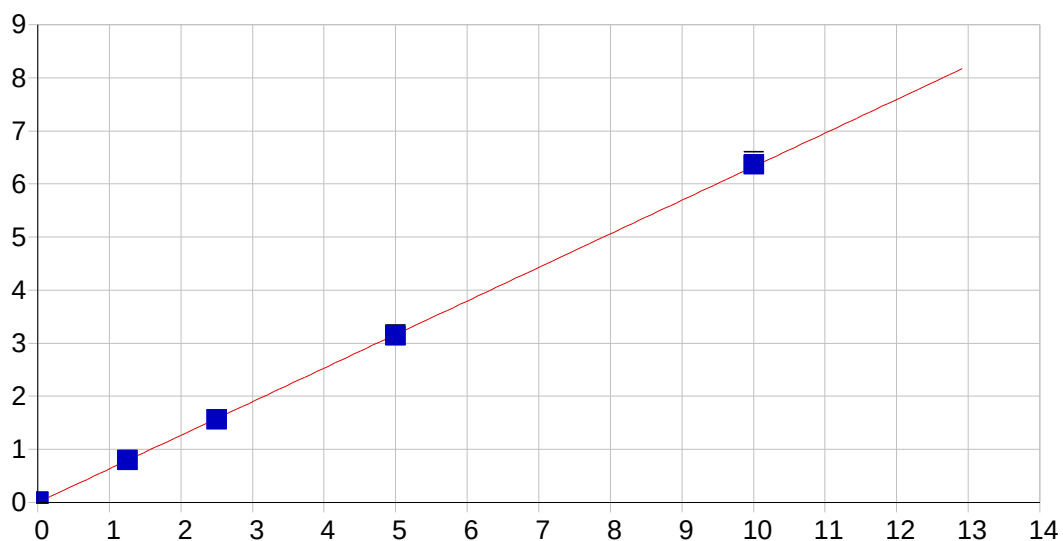


B 249.678 {135}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001798 Re-Slope: 1.000000
 A1 (Gain): 0.467192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999423 Status: OK.
 Std Error of Est: 0.000263
 Predicted MDL: 0.000813
 Predicted MQL: 0.002712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00180	.000	1
S1	.01000	.01087	.001	8.69	.00689	.000	1
S2	1.2500	1.3346	.085	6.77	.61802	.002	1
S3	2.5000	2.6038	.104	4.15	1.2036	.009	1
S4	5.0000	5.1064	.106	2.13	2.3582	.007	1
S5	10.000	9.7043	-.296	-2.96	4.4770	.014	1

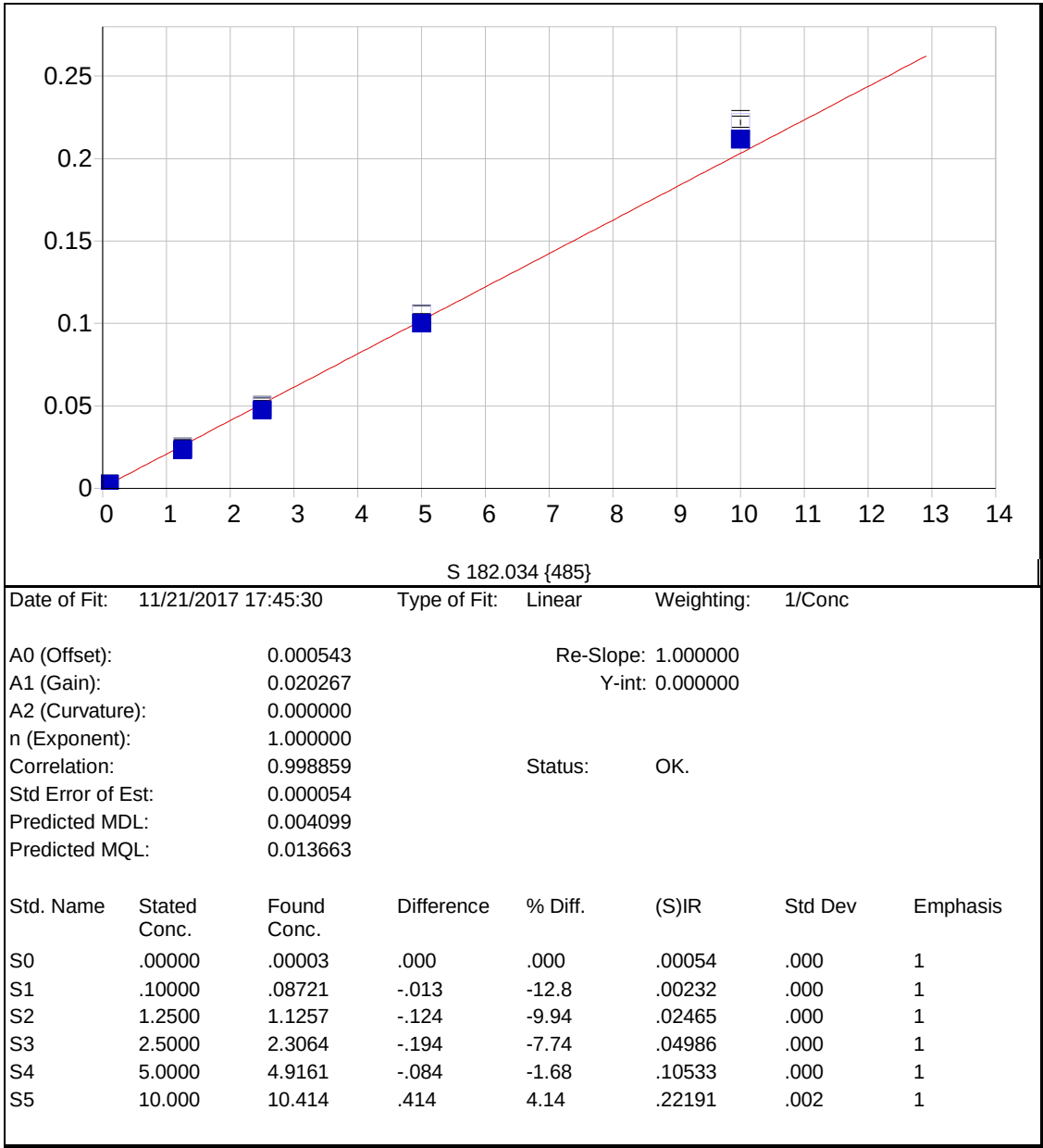


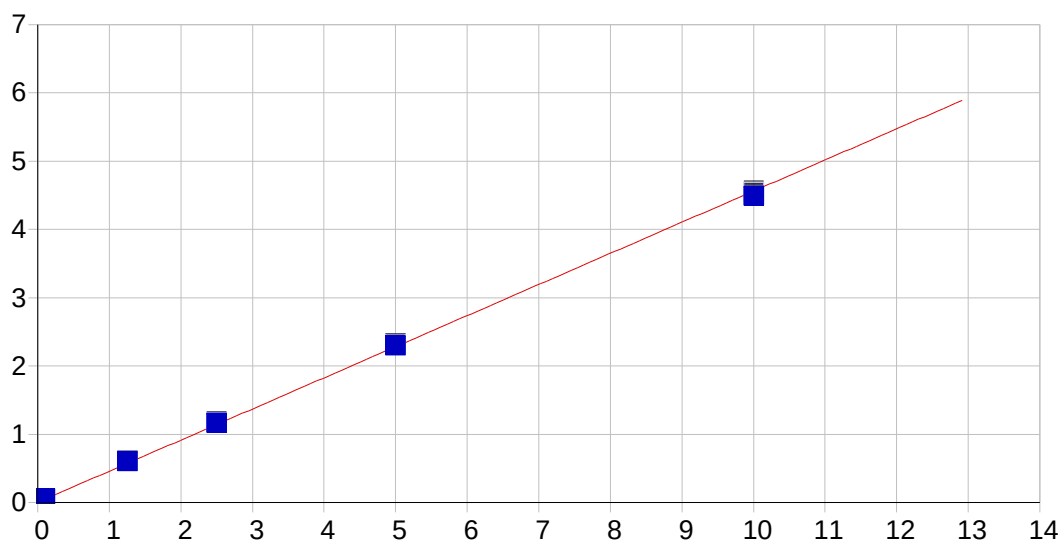
Mo 202.030 {467}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.632526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000276
 Predicted MQL: 0.000921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.01000	.01037	.000	3.66	.00696	.000	1
S2	1.2500	1.2560	.006	.476	.79553	.001	1
S3	2.5000	2.4604	-.040	-1.58	1.5581	.004	1
S4	5.0000	4.9732	-.027	-.536	3.1489	.011	1
S5	10.000	10.060	.060	.601	6.3694	.057	1



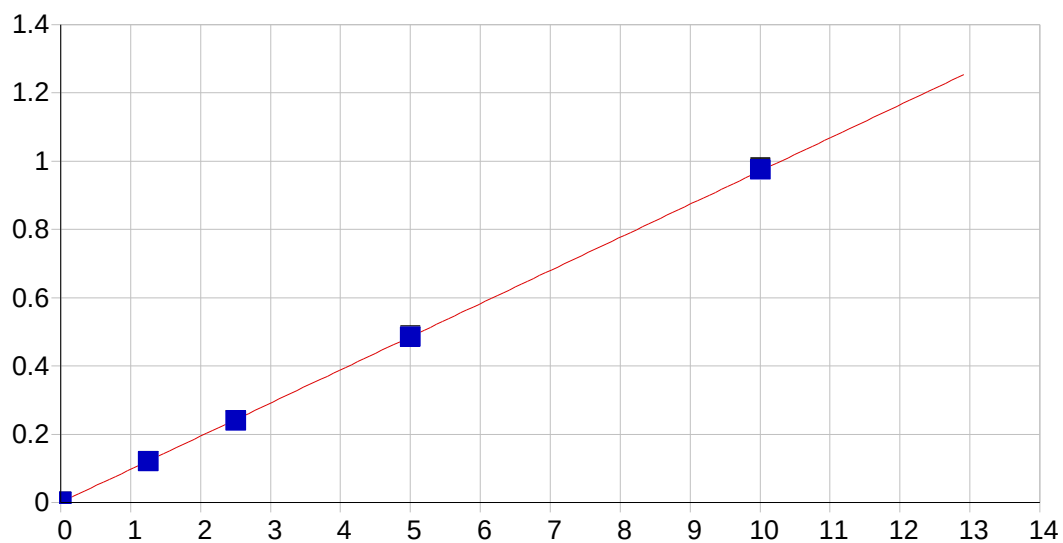


Si 251.611 {134}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002122 Re-Slope: 1.000000
 A1 (Gain): 0.455995 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000478
 Predicted MDL: 0.000860
 Predicted MQL: 0.002868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00211	.000	1
S1	.10000	.11005	.010	10.1	.05247	.001	1
S2	1.2500	1.3118	.062	4.94	.60699	.002	1
S3	2.5000	2.5427	.043	1.71	1.1750	.008	1
S4	5.0000	5.0362	.036	.723	2.3254	.006	1
S5	10.000	9.8494	-.151	-1.51	4.5471	.017	1

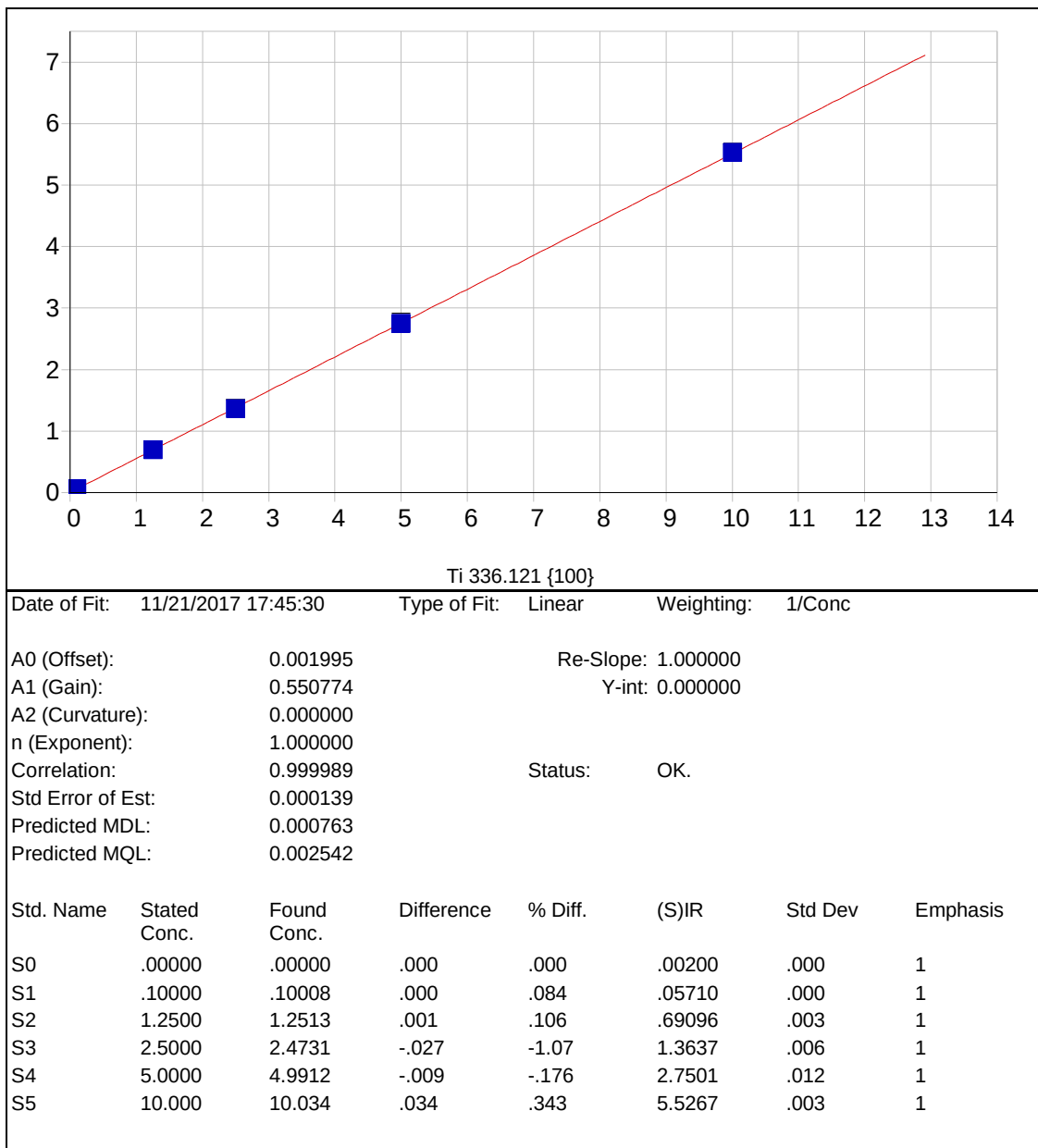


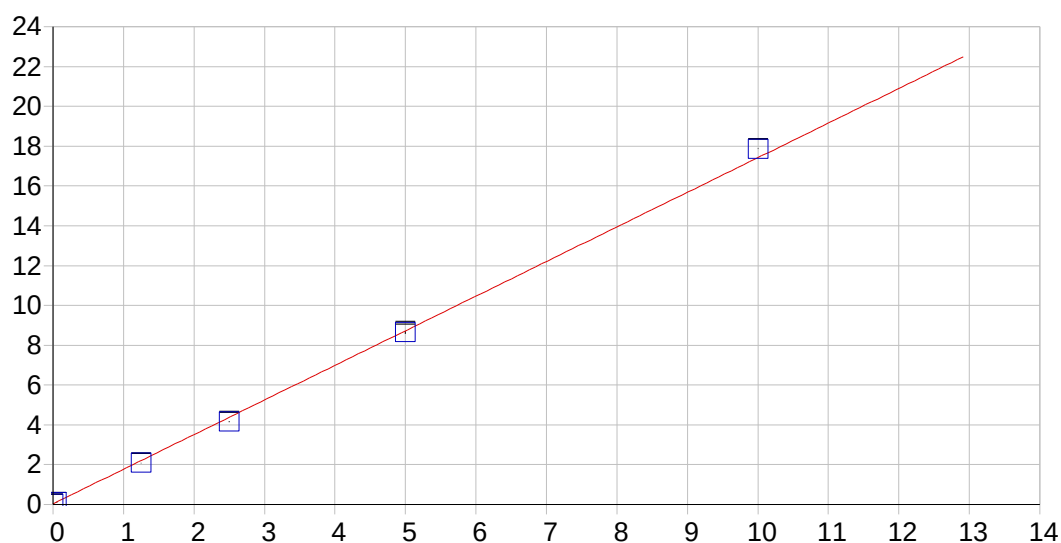
Sn 189.989 {478}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000206 Re-Slope: 1.000000
 A1 (Gain): 0.097081 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000982
 Predicted MQL: 0.003274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00700	.00645	-.001	-7.84	.00082	.000	1
S2	1.2500	1.2402	-.010	-.782	.12051	.000	1
S3	2.5000	2.4663	-.034	-1.35	.23945	.001	1
S4	5.0000	5.0027	.003	.053	.48549	.002	1
S5	10.000	10.041	.041	.414	.97427	.006	1



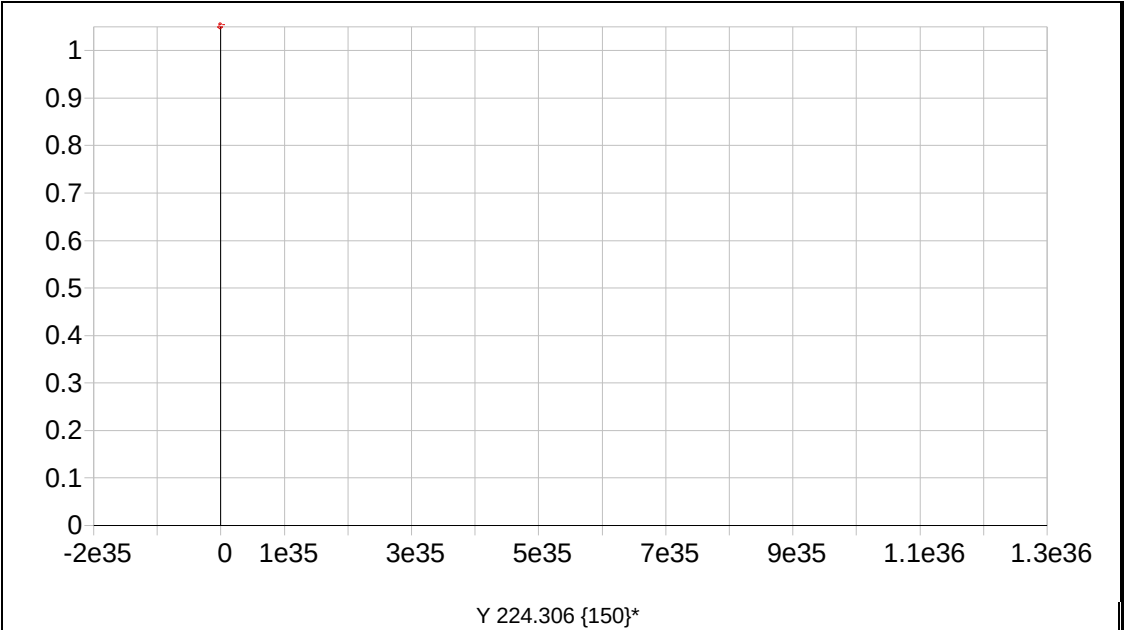


Li 670.784 { 50}

Date of Fit: 11/21/2017 17:45:30 Type of Fit: Linear Weighting: 1/Conc

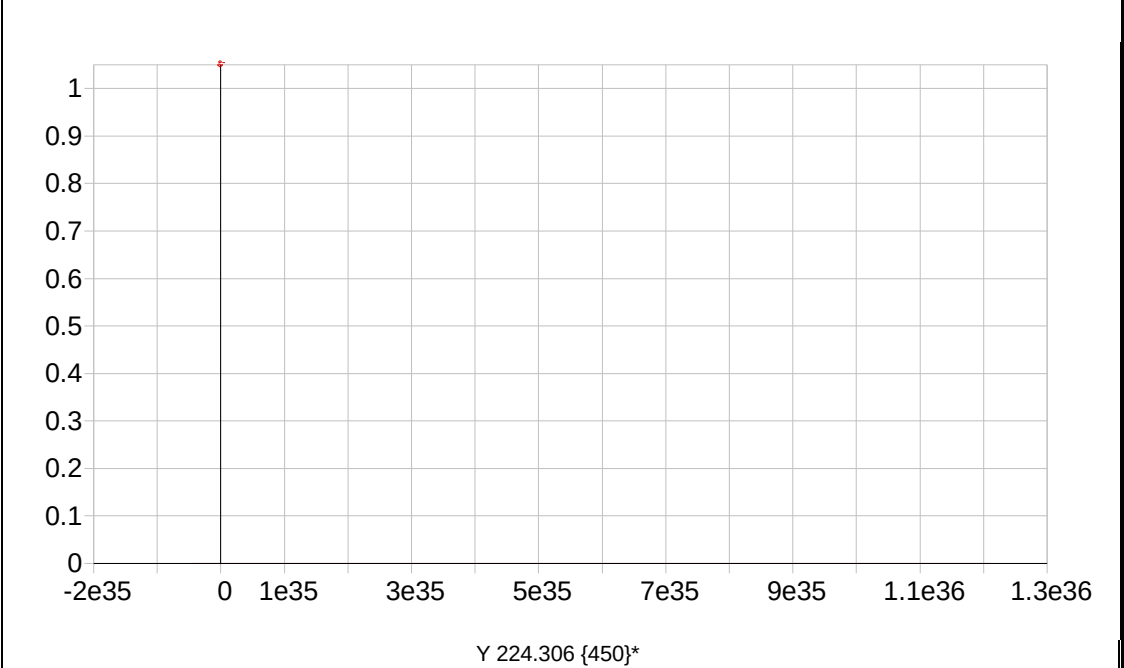
A0 (Offset): 0.034378 Re-Slope: 1.000000
 A1 (Gain): 1.738545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.002020
 Predicted MDL: 0.000833
 Predicted MQL: 0.002775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.03440	.001	1
S5	10.000	10.254	.254	2.54	17.861	.014	1
S4	5.0000	4.9499	-.050	-1.00	8.6401	.077	1
S3	2.5000	2.3725	-.128	-5.10	4.1590	.034	1
S2	1.2500	1.1792	-.071	-5.66	2.0845	.022	1
S1	.05000	.04469	-.005	-10.6	.11208	.001	1

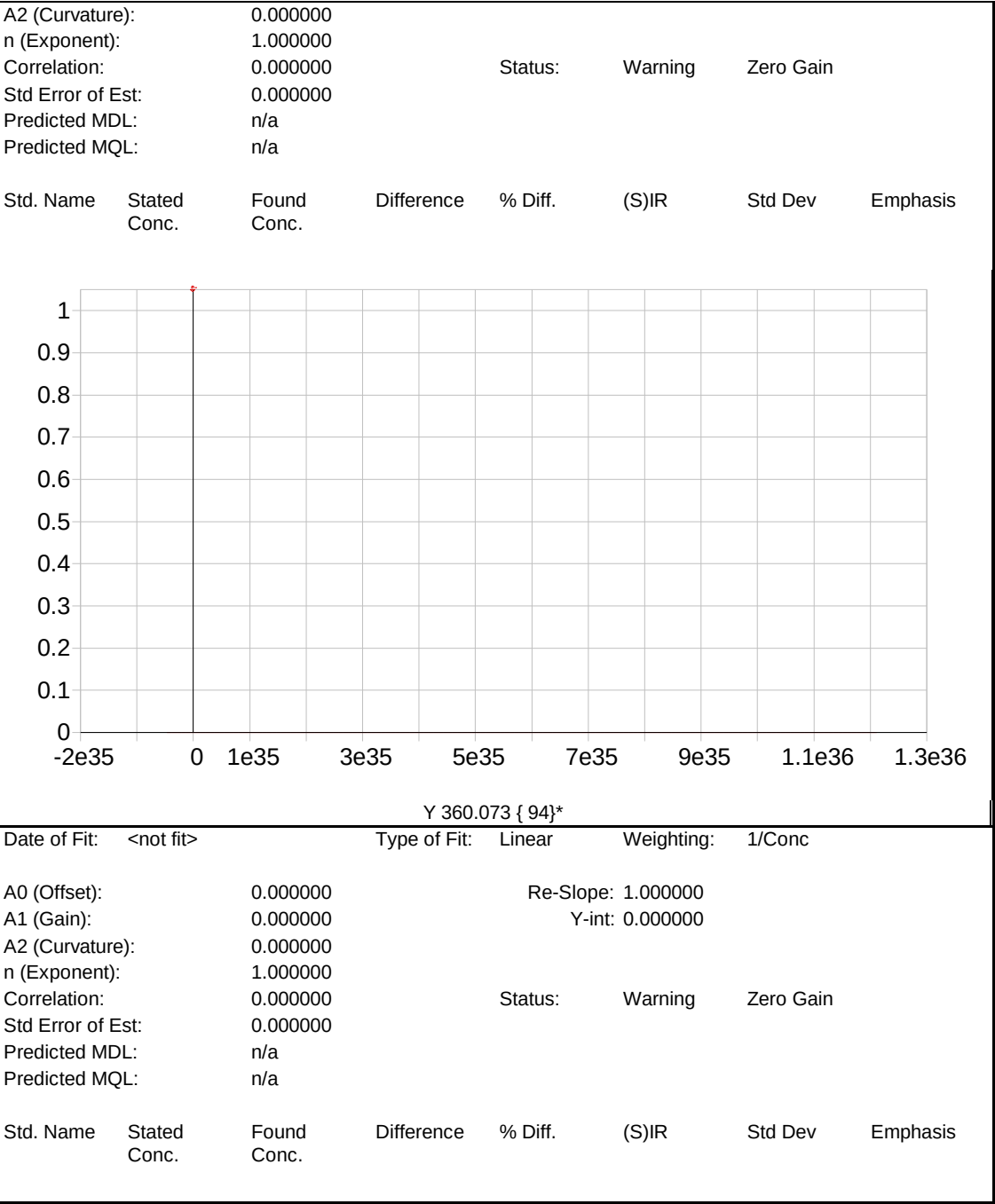


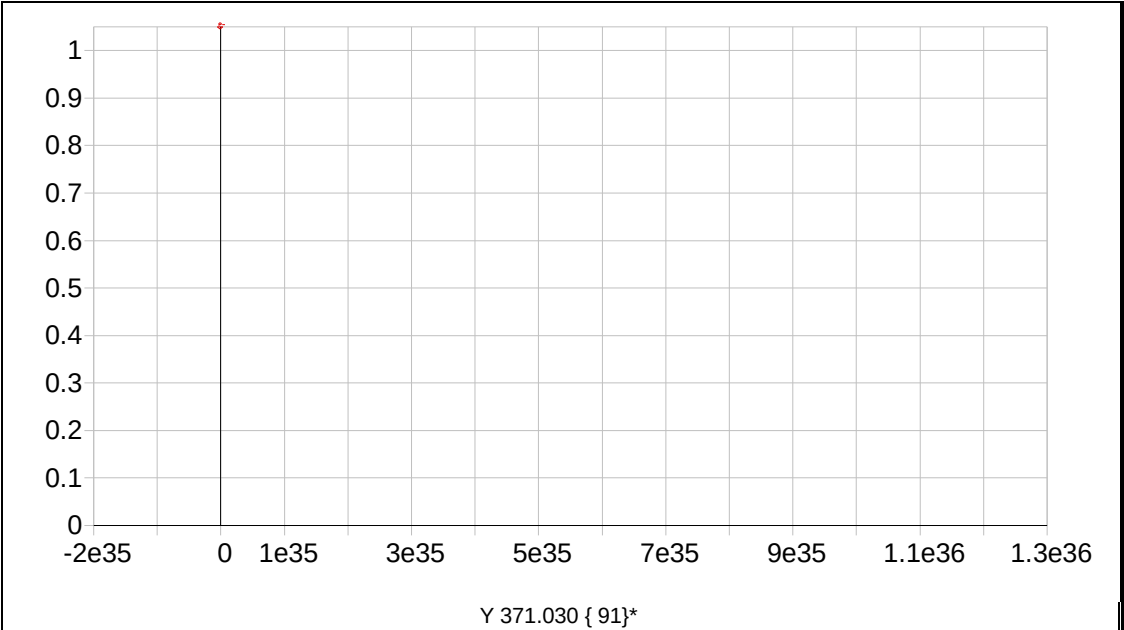
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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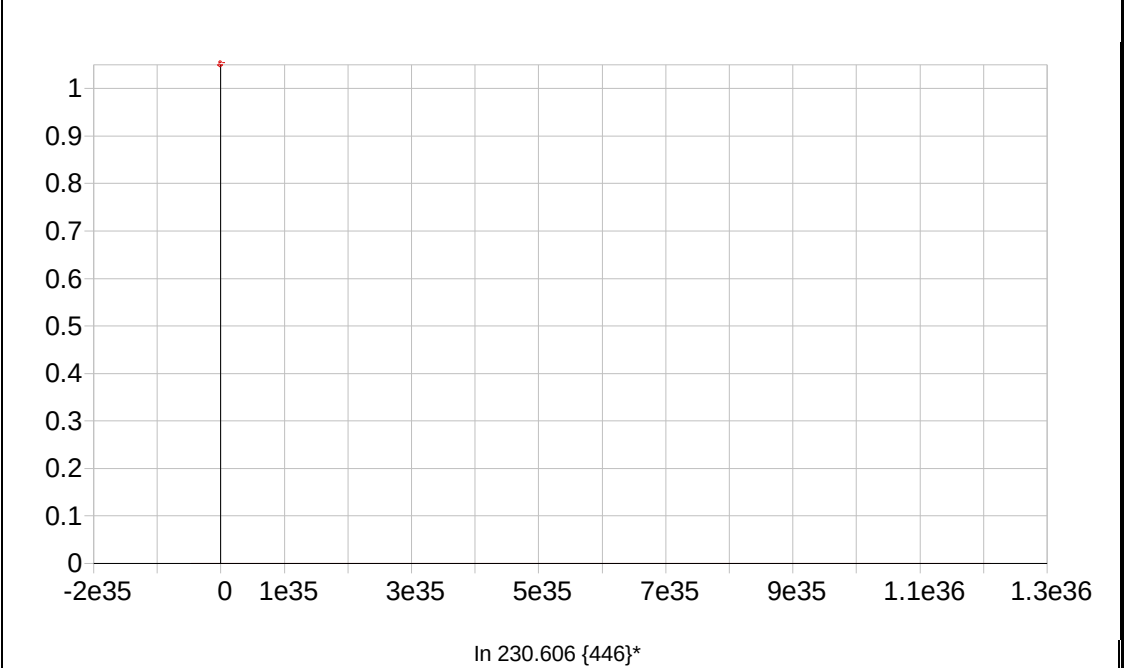
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



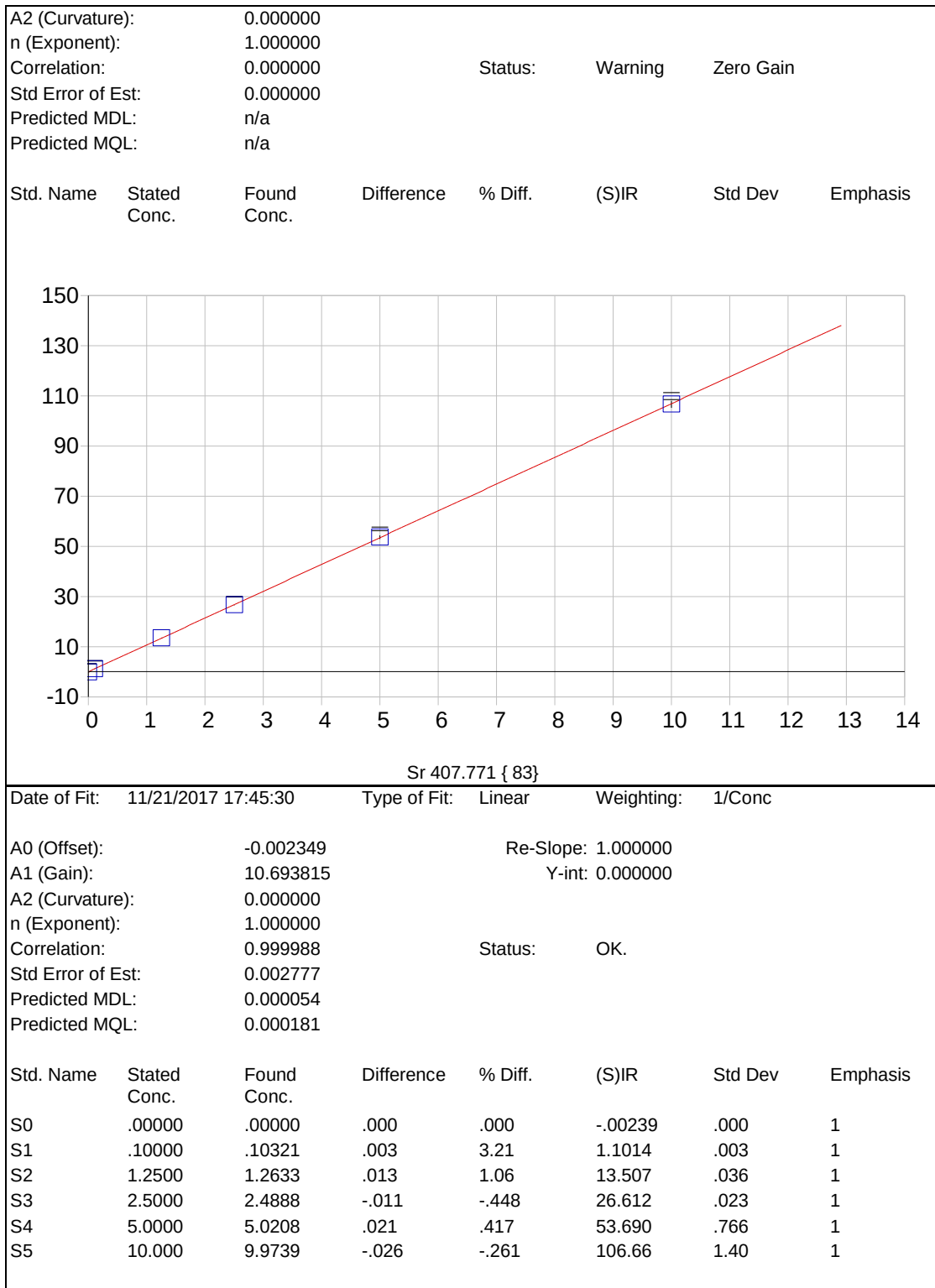


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 11/21/2017 10:59:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00020	-.00022	-.00025	.00015	.00026	-.00004	-.01990	-.00200
Stddev	.00002	.00009	.00022	.00012	.00017	.00028	.00068	.00034
%RSD	10.848	42.647	87.274	78.460	65.648	684.32	3.3934	17.090

#1	-.00018	-.00032	-.00022	.00020	.00008	-.00031	-.01916	-.00209
#2	-.00019	-.00019	-.00048	.00002	.00041	.00024	-.02047	-.00163
#3	-.00022	-.00014	-.00005	.00025	.00028	-.00005	-.02008	-.00230

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	.00022	.00099	.00000	-.00017	.00164	.00000	-.00006	-.00030
Stddev	.00005	.00065	.00002	.00008	.00024	.0001	.00018	.00003
%RSD	20.767	65.498	1571.8	47.301	14.916	2449.3	294.53	8.6209

#1	.00022	.00027	.00003	-.00023	.00162	.00008	-.00019	-.00032
#2	.00026	.00151	-.00002	-.00019	.00141	-.00011	.00014	-.00027
#3	.00017	.00119	-.00001	-.00008	.00190	.00002	-.00013	-.00031

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	-.00077	-.00025	-.00613	-.00004	-.00035	.02786	-.00084	.00180
Stddev	.00002	.00006	.00026	.00024	.00074	.00044	.00005	.00016
%RSD	3.0194	24.576	4.2804	555.26	214.37	1.5837	6.1833	8.7629

#1	-.00075	-.00019	-.00632	.00016	-.00104	.02736	-.00088	.00162
#2	-.00076	-.00032	-.00624	-.00031	-.00043	.02817	-.00078	.00191
#3	-.00080	-.00025	-.00583	.00002	.00043	.02806	-.00086	.00186

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	.00039	.00054	.00211	.00021	.00200	.03440	-.00239	
Stddev	.00019	.00007	.00022	.00007	.00043	.00111	.00009	
%RSD	49.554	12.395	10.475	35.291	21.713	3.2387	3.9272	

#1	.00027	.00053	.00207	.00020	.00249	.03532	-.00243	
#2	.00062	.00062	.00236	.00013	.00179	.03470	-.00246	
#3	.00029	.00048	.00192	.00028	.00170	.03316	-.00229	

Sample Name: S0 Acquired: 11/21/2017 10:59:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.7	2662.2	52641.	6537.7	3979.0
Stddev	15.2	13.9	343.	39.8	16.1
%RSD	.87516	.52164	.65165	.60824	.40514
#1	1725.8	2655.5	52449.	6498.7	3970.0
#2	1754.9	2652.8	53037.	6536.2	3969.4
#3	1732.5	2678.1	52437.	6578.2	3997.6

Sample Name: S1 Acquired: 11/21/2017 11:03:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00032	.00174	.00163	.00192	.01078	.01987	1.1146	.02459
Stddev	.00007	.00005	.00009	.00009	.00015	.00111	.0058	.00037
%RSD	22.967	2.7759	5.5288	4.8071	1.3662	5.5898	.52056	1.4863

#1	.00023	.00176	.00173	.00181	.01088	.01869	1.1095	.02488
#2	.00037	.00178	.00154	.00199	.01061	.02090	1.1134	.02418
#3	.00035	.00169	.00163	.00195	.01086	.02002	1.1209	.02471

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	.00838	.32826	.00146	.03925	.00794	.00259	.00861	.04232
Stddev	.00003	.00136	.00004	.00034	.00013	.00009	.00047	.00038
%RSD	.40374	.41318	2.8625	.85356	1.5800	3.6000	5.4091	.90183

#1	.00836	.32700	.00147	.03886	.00794	.00261	.00892	.04189
#2	.00836	.32807	.00149	.03945	.00782	.00268	.00807	.04251
#3	.00842	.32970	.00141	.03944	.00807	.00249	.00883	.04257

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	.02260	.00286	.03319	.00599	.01159	.20183	-.00023	.00689
Stddev	.00020	.00011	.00144	.00015	.00040	.00156	.00003	.00022
%RSD	.88994	3.7265	4.3513	2.4371	3.4151	.77197	13.102	3.1970

#1	.02283	.00275	.03159	.00610	.01160	.20065	-.00026	.00698
#2	.02246	.00289	.03358	.00604	.01198	.20124	-.00021	.00705
#3	.02252	.00295	.03440	.00582	.01119	.20360	-.00021	.00664

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	.00696	.00232	.05247	.00082	.05710	.11208	1.1014	
Stddev	.00010	.00004	.00057	.00013	.00024	.00072	.0030	
%RSD	1.4665	1.6236	1.0784	15.551	.41493	.64487	.27218	

#1	.00685	.00229	.05187	.00070	.05683	.11291	1.0998	
#2	.00698	.00236	.05256	.00080	.05722	.11172	1.0995	
#3	.00705	.00229	.05299	.00096	.05726	.11161	1.1049	

Sample Name: S1 Acquired: 11/21/2017 11:03:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.7	2621.5	50458.	6469.5	3815.8
Stddev	13.7	9.3	236.	17.6	5.2
%RSD	.81298	.35329	.46815	.27221	.13685
#1	1690.3	2632.1	50721.	6460.4	3821.5
#2	1665.1	2615.4	50263.	6489.8	3811.3
#3	1686.8	2616.8	50391.	6458.4	3814.4

Sample Name: S2 Acquired: 11/21/2017 11:07:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	.05634	.09352	1.1118	.06174	.22278	3.7979	13.985	.60672
Stddev	.00021	.00020	.0030	.00024	.00042	.0181	.107	.00303
%RSD	.37786	.20858	.26682	.38945	.18812	.47554	.76764	.49946

#1	.05637	.09340	1.1085	.06146	.22295	3.7949	14.018	.61004
#2	.05654	.09342	1.1124	.06186	.22309	3.8172	14.073	.60411
#3	.05612	.09375	1.1144	.06190	.22230	3.7815	13.865	.60600

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	1.0341	4.0652	.52035	.50926	.90088	.94210	2.0801	.53574
Stddev	.0023	.0294	.00059	.00060	.00153	.00497	.0124	.00290
%RSD	.22059	.72223	.11265	.11803	.16988	.52768	.59738	.54111

#1	1.0335	4.0902	.51996	.50916	.89944	.94322	2.0869	.53677
#2	1.0323	4.0725	.52007	.50872	.90249	.94642	2.0877	.53798
#3	1.0367	4.0329	.52103	.50991	.90072	.93667	2.0658	.53246

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	.36410	.09899	.29249	.07277	.74861	1.3491	.04539	.61802
Stddev	.00017	.00062	.00100	.00041	.00705	.0053	.00026	.00152
%RSD	.04724	.63099	.34111	.56380	.94113	.39638	.56219	.24575

#1	.36402	.09833	.29259	.07313	.74189	1.3465	.04510	.61950
#2	.36398	.09957	.29343	.07232	.75594	1.3553	.04550	.61647
#3	.36430	.09907	.29145	.07285	.74801	1.3457	.04557	.61809

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	.79553	.02465	.60699	.12051	.69096	2.0845	13.507	
Stddev	.00088	.00022	.00229	.00043	.00335	.0222	.036	
%RSD	.11075	.91282	.37736	.35314	.48492	1.0635	.26481	

#1	.79654	.02445	.60962	.12007	.69200	2.0861	13.486	
#2	.79516	.02489	.60546	.12056	.69366	2.1059	13.548	
#3	.79490	.02460	.60588	.12091	.68721	2.0617	13.487	

Sample Name: S2 Acquired: 11/21/2017 11:07:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.8	2477.4	47368.	6359.2	3279.6
Stddev	6.1	8.6	207.	25.5	7.4
%RSD	.38484	.34518	.43661	.40110	.22661
#1	1579.7	2470.9	47504.	6342.1	3271.1
#2	1569.8	2474.1	47130.	6347.0	3282.7
#3	1580.8	2487.1	47469.	6388.5	3284.9

Sample Name: S3 Acquired: 11/21/2017 11:11:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.11302	.17972	2.2020	.12187	.44503	7.5913	27.885	1.1958
Stddev	.00027	.00105	.0028	.00033	.00048	.0262	.182	.0071
%RSD	.24305	.58370	.12606	.27312	.10804	.34575	.65196	.59599

#1	.11271	.18030	2.2035	.12225	.44518	7.5669	27.723	1.1898
#2	.11313	.17851	2.2038	.12163	.44449	7.5880	27.850	1.1941
#3	.11322	.18036	2.1988	.12173	.44541	7.6191	28.081	1.2037

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	2.0665	8.0853	1.0069	1.0232	1.7706	1.8451	4.0822	1.0793
Stddev	.0017	.0467	.0006	.0022	.0032	.0047	.0117	.0037
%RSD	.08300	.57756	.06484	.21847	.17815	.25479	.28679	.34722

#1	2.0684	8.0462	1.0071	1.0235	1.7694	1.8434	4.0708	1.0767
#2	2.0660	8.0728	1.0074	1.0253	1.7681	1.8415	4.0816	1.0776
#3	2.0650	8.1370	1.0061	1.0208	1.7741	1.8504	4.0942	1.0836

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	.72367	.17707	.58740	.14235	1.5110	2.6667	.09308	1.2036
Stddev	.00099	.00082	.00291	.00052	.0111	.0050	.00136	.0088
%RSD	.13703	.46369	.49537	.36752	.73394	.18784	1.4651	.73061

#1	.72473	.17786	.58440	.14176	1.5221	2.6625	.09414	1.2026
#2	.72353	.17622	.58759	.14252	1.4999	2.6654	.09154	1.1954
#3	.72277	.17711	.59021	.14276	1.5109	2.6723	.09356	1.2129

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	1.5581	.04986	1.1750	.23945	1.3637	4.1590	26.612	
Stddev	.0041	.00048	.0076	.00053	.0060	.0343	.023	
%RSD	.26048	.95823	.64528	.22122	.43859	.82589	.08586	

#1	1.5543	.04994	1.1720	.23890	1.3590	4.1292	26.619	
#2	1.5575	.04935	1.1694	.23948	1.3616	4.1512	26.587	
#3	1.5624	.05030	1.1836	.23996	1.3704	4.1966	26.631	

Sample Name: S3 Acquired: 11/21/2017 11:11:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.8	2405.2	46400.	6330.5	3080.1
Stddev	7.2	4.7	111.	24.7	3.9
%RSD	.46647	.19621	.24028	.39039	.12607
#1	1531.2	2407.4	46272.	6334.8	3081.5
#2	1545.4	2408.4	46459.	6352.8	3083.2
#3	1539.8	2399.8	46470.	6304.0	3075.8

Sample Name: S4 Acquired: 11/21/2017 11:15:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.23643	.34952	4.4664	.24980	.92444	15.741	56.529	2.3946
Stddev	.00094	.00134	.0046	.00136	.00433	.065	.576	.0114
%RSD	.39682	.38407	.10240	.54309	.46816	.41271	1.0194	.47451

#1	.23747	.35087	4.4663	.25046	.92789	15.769	56.339	2.3944
#2	.23567	.34818	4.4710	.24824	.91959	15.788	56.072	2.4060
#3	.23614	.34950	4.4619	.25070	.92585	15.667	57.177	2.3833

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1947	16.409	2.0022	2.0970	3.6061	3.6665	8.1221	2.2253
Stddev	.0144	.044	.0152	.0016	.0193	.0138	.0230	.0101
%RSD	.34244	.26714	.75695	.07596	.53482	.37498	.28267	.45163

#1	4.2078	16.427	1.9909	2.0987	3.6212	3.6728	8.1243	2.2292
#2	4.1970	16.441	2.0194	2.0955	3.6128	3.6761	8.1439	2.2328
#3	4.1793	16.359	1.9964	2.0969	3.5844	3.6508	8.0981	2.2138

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	1.4641	.34799	1.2079	.28505	3.1933	5.5079	.19537	2.3582
Stddev	.0024	.00103	.0062	.00160	.0055	.0234	.00104	.0066
%RSD	.16610	.29620	.51161	.56192	.17054	.42530	.53441	.27793

#1	1.4669	.34680	1.2143	.28684	3.1873	5.5315	.19632	2.3593
#2	1.4625	.34868	1.2075	.28456	3.1980	5.5076	.19425	2.3641
#3	1.4628	.34848	1.2020	.28375	3.1946	5.4847	.19555	2.3512

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.1489	.10533	2.3254	.48549	2.7501	8.6401	53.690	
Stddev	.0108	.00028	.0057	.00224	.0120	.0771	.766	
%RSD	.34213	.26271	.24514	.46045	.43660	.89193	1.4268	

#1	3.1563	.10560	2.3254	.48806	2.7537	8.7256	54.261	
#2	3.1366	.10505	2.3312	.48406	2.7598	8.6186	53.988	
#3	3.1539	.10534	2.3198	.48434	2.7367	8.5760	52.819	

Sample Name: S4 Acquired: 11/21/2017 11:15:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.6	2211.1	43544.	6119.1	2754.6
Stddev	.6	13.7	151.	26.2	9.6
%RSD	.04156	.61757	.34611	.42813	.34773
#1	1412.1	2211.1	43624.	6112.6	2758.1
#2	1411.8	2224.8	43371.	6096.9	2762.0
#3	1410.9	2197.5	43639.	6148.0	2743.8

Sample Name: S5 Acquired: 11/21/2017 11:19:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.49880	.68528	8.9897	.51735	1.9524	32.678	115.06	4.7896
Stddev	.00502	.00572	.0491	.00499	.0190	.030	.87	.0338
%RSD	1.0060	.83485	.54621	.96369	.97269	.09116	.75684	.70461

#1	.49835	.68262	8.9837	.51767	1.9558	32.711	114.90	4.8231
#2	.49402	.68138	8.9439	.51221	1.9319	32.668	114.28	4.7556
#3	.50403	.69185	9.0416	.52217	1.9694	32.654	116.00	4.7901

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.4429	32.963	3.9135	4.2566	7.3640	7.2098	16.034	4.5262
Stddev	.0488	.063	.0085	.0282	.0056	.0138	.032	.0099
%RSD	.57764	.19255	.21681	.66317	.07587	.19098	.19757	.21833

#1	8.4320	32.981	3.9227	4.2551	7.3626	7.2231	16.039	4.5339
#2	8.4004	33.015	3.9059	4.2292	7.3592	7.2108	16.063	4.5296
#3	8.4962	32.892	3.9118	4.2856	7.3701	7.1956	16.000	4.5150

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	2.9237	.74320	2.4746	.56931	6.9314	11.392	.41528	4.4770
Stddev	.0202	.00523	.0035	.00063	.0598	.008	.00379	.0143
%RSD	.69116	.70306	.14042	.11040	.86316	.07057	.91183	.31842

#1	2.9208	.73817	2.4786	.56907	6.8686	11.401	.41313	4.4824
#2	2.9051	.74860	2.4732	.57002	6.9378	11.392	.41306	4.4609
#3	2.9452	.74281	2.4721	.56884	6.9877	11.385	.41965	4.4879

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.3694	.22191	4.5471	.97427	5.5267	17.861	106.66	
Stddev	.0569	.00171	.0171	.00584	.0027	.014	1.40	
%RSD	.89388	.77185	.37598	.59892	.04885	.07584	1.3084	

#1	6.3851	.22108	4.5555	.97315	5.5278	17.872	107.62	
#2	6.3063	.22077	4.5274	.96907	5.5288	17.865	107.29	
#3	6.4168	.22388	4.5584	.98058	5.5237	17.846	105.06	

Sample Name: S5 Acquired: 11/21/2017 11:19:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.6	2002.1	40704.	5987.6	2436.7
Stddev	10.1	19.0	103.	3.6	16.3
%RSD	.80084	.95146	.25424	.06095	.67025
#1	1269.6	1993.6	40813.	5984.4	2431.7
#2	1256.6	2023.9	40607.	5991.6	2455.0
#3	1249.7	1988.8	40693.	5986.9	2423.5

Sample Name: S6 Acquired: 11/21/2017 11:23:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	86.161	54.451	19.332	7.3703	6.8756
Stddev	.458	.105	.036	.0063	.0073
%RSD	.53150	.19369	.18466	.08526	.10633

#1	86.067	54.340	19.293	7.3634	6.8768
#2	85.757	54.550	19.363	7.3717	6.8823
#3	86.658	54.462	19.340	7.3758	6.8678

Int. Std.	Y_3710
Units	Cts/S
Avg	5797.1
Stddev	10.3
%RSD	.17741

#1	5791.0
#2	5791.3
#3	5809.0

Sample Name: ICV Acquired: 11/21/2017 11:27:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9335902	1.116441	1.005223	.9873179	.9153593	2.333257
Stddev	.0043896	.009517	.001855	.0092891	.0027306	.003946
%RSD	.4701892	.8524709	.1845452	.9408423	.2983128	.1691288

#1	.9333068	1.113085	1.003319	.9859885	.9141996	2.337800
#2	.9293491	1.109057	1.007025	.9787651	.9134000	2.330677
#3	.9381147	1.127182	1.005326	.9972001	.9184784	2.331295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4957962	.4780015	.4688874	9.784716	.5139047	.4777218
Stddev	.0004287	.0010518	.0009217	.053989	.0004766	.0005232
%RSD	.0864606	.2200468	.1965755	.5517683	.0927324	.1095229

#1	.4962289	.4788926	.4698923	9.845583	.5140505	.4771191
#2	.4957882	.4782707	.4686885	9.765951	.5133723	.4780594
#3	.4953717	.4768413	.4680814	9.742613	.5142913	.4779868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4968476	5.251770	.5278077	5.554160	.4830382	.5188263
Stddev	.0037601	.022828	.0028099	.053022	.0009309	.0020379
%RSD	.7568012	.4346678	.5323738	.9546313	.1927118	.3927853

#1	.5008261	5.277511	.5307489	5.543245	.4841037	.5211610
#2	.4933527	5.233984	.5251506	5.611790	.4823824	.5174047
#3	.4963639	5.243816	.5275237	5.507445	.4826286	.5179131

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.338541	.4688459	.9463589	9.288105	4.724311	F 5.912849
Stddev	.022119	.0032602	.0106811	.027703	.055904	.020035
%RSD	.2368542	.6953579	1.128648	.2982667	1.183316	.3388382

#1	9.325641	.4690056	.9583248	9.285697	4.725393	5.929243
#2	9.364081	.4655089	.9377881	9.261685	4.667875	5.918788
#3	9.325900	.4720233	.9429636	9.316934	4.779666	5.890516

Sample Name: ICV Acquired: 11/21/2017 11:27:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.090088	4.373814	5.229769	4.657497	5.174166	4.646894
Stddev	.016086	.031625	.011857	.020864	.011940	.011413
%RSD	.3160331	.7230574	.2267229	.4479666	.2307701	.2456071

#1	5.098556	4.372224	5.241601	4.669239	5.185826	4.657493
#2	5.071537	4.343013	5.229821	4.633407	5.174709	4.634812
#3	5.100171	4.406204	5.217887	4.669843	5.161964	4.648378

Elem	Sr4077
Units	ppm
Avg	5.118600
Stddev	.033228
%RSD	.6491684

#1	5.127908
#2	5.146182
#3	5.081711

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1579.988	2540.367	47713.85	6376.324	3563.061
Stddev	9.761	7.750	130.60	20.757	5.305
%RSD	.6177915	.3050921	.2737237	.3255280	.1488757

#1	1570.511	2532.480	47647.51	6353.189	3557.142
#2	1590.010	2547.973	47864.31	6382.466	3567.385
#3	1579.442	2540.648	47629.74	6393.316	3564.656

Sample Name: ICB Acquired: 11/21/2017 11:44:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002588	-.000214	-.000158	-.000591	-.000845	-.003252	-.001106
Stddev	.0011662	.001675	.001222	.000601	.001916	.002070	.000354
%RSD	450.5885	783.2682	774.6596	101.6845	226.7528	63.64707	31.98743

#1	-.000769	-.000639	.001191	-.001048	.001315	-.005346	-.001499
#2	.001526	-.001635	-.000473	-.000814	-.002337	-.001208	-.001008
#3	.000020	.001633	-.001192	.000090	-.001513	-.003201	-.000812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000056	.0171283	.0003582	.0001253	.0024745	.0018270
Stddev	.000049	.000084	.0044105	.0003101	.0000994	.0015718	.0042246
%RSD	220.8249	149.4612	25.74971	86.57352	79.36196	63.51858	231.2334

#1	.000023	-.000152	.0212291	.0002464	.0000973	.0007181	.0067007
#2	-.000074	-.000023	.0124626	.0001194	.0000428	.0037486	-.000431
#3	-.000015	.000006	.0176931	.0007086	.0002357	.0029568	-.000789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003263	.0095753	-.000002	.0003184	-.087041	.0004231	.0009998
Stddev	.0002288	.0185614	.000461	.0001084	.180224	.0014798	.0010230
%RSD	70.13599	193.8480	21962.10	34.05258	207.0568	349.7208	102.3259

#1	.0001406	.0014539	-.000532	.0002573	-.285629	.0006670	.0012754
#2	.0005819	-.003541	.000220	.0002543	-.041624	-.001163	-.000133
#3	.0002563	.030813	.000305	.0004436	.066130	.001766	.001857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063218	.0004148	.0011922	.0000910	.0033287	-.001286	-.000009
Stddev	.015589	.0006625	.0004296	.0001055	.0023913	.000492	.000620
%RSD	24.65884	159.6989	36.03501	115.9046	71.83968	38.21693	7157.301

#1	-.048861	.0003917	.0007830	.0001040	.0034249	-.001658	.000402
#2	-.079799	-.000236	.0011539	-.000020	.0056704	-.001472	.000293
#3	-.060993	.001089	.0016397	.000190	.0008907	-.000729	-.000722

Sample Name: ICB Acquired: 11/21/2017 11:44:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008572	.0020677	-.000079
Stddev	.0004614	.0003447	.000029
%RSD	53.82886	16.67190	36.27938

#1	.0006872	.0024613	-.000069
#2	.0013795	.0018197	-.000056
#3	.0005049	.0019221	-.000111

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.680	2578.093	47875.65	6209.787	3867.475
Stddev	12.501	19.819	178.16	170.105	23.826
%RSD	.7999564	.7687509	.3721405	2.739312	.6160676

#1	1575.269	2561.712	47834.48	6014.424	3846.419
#2	1562.503	2572.444	48070.80	6289.836	3862.668
#3	1550.269	2600.123	47721.68	6325.101	3893.338

Sample Name: ICSA Acquired: 11/21/2017 11:49:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005674	.0082067	-.003629	-.022661	.0029709	246.5221
Stddev	.003073	.0014632	.001714	.001629	.0010857	.5468
%RSD	54.14915	17.82974	47.21660	7.186656	36.54504	.2218006

#1	-.009031	.0089982	-.002904	-.020917	.0038650	245.9159
#2	-.003001	.0091037	-.005586	-.022925	.0032849	246.9781
#3	-.004991	.0065182	-.002398	-.024142	.0017628	246.6722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048768	.0006981	.0032785	245.6210	.0475611	.0008908
Stddev	.0003787	.0000373	.0001013	1.1061	.0001161	.0001543
%RSD	7.765878	5.346969	3.090343	.4503376	.2439925	17.31987

#1	.0051970	.0006789	.0033641	244.3964	.0475080	.0008398
#2	.0049746	.0006743	.0033047	246.5475	.0476943	.0010642
#3	.0044587	.0007412	.0031666	245.9192	.0474812	.0007685

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007465	102.8821	.0154457	254.7228	-.001809	-.000040
Stddev	.0009167	.3244	.0002099	.8647	.000286	.000284
%RSD	122.8119	.3153236	1.358616	.3394592	15.83291	702.3961

#1	.0017027	102.5112	.0155180	253.7383	-.001721	.000168
#2	-.000125	103.1131	.0156099	255.0712	-.002130	-.000364
#3	.000661	103.0221	.0152093	255.3589	-.001578	.000075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091372	.0038237	-.031904	-.115415	-.004652	F -.268312
Stddev	.1020711	.0016624	.001918	.033311	.006890	.000877
%RSD	1117.100	43.47525	6.011031	28.86213	148.1215	.3270217

#1	.1243495	.0019198	-.032535	-.128869	.002469	-.267335
#2	-.026949	.0049875	-.033428	-.139896	-.011286	-.269032
#3	-.069989	.0045639	-.029751	-.077481	-.005138	-.268570

Sample Name: ICSA Acquired: 11/21/2017 11:49:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005193	.0130036	-.003794	.0002500	-.000941	.0033211
Stddev	.0007080	.0064178	.001459	.0021632	.001066	.0001239
%RSD	136.3475	49.35411	38.45839	865.3977	113.3523	3.730846

#1	-.000117	.0184989	-.003709	-.000683	-.001642	.0034557
#2	.000393	.0059502	-.002379	.002723	.000286	.0032958
#3	.001282	.0145617	-.005293	-.001290	-.001466	.0032118

Elem	Sr4077
Units	ppm
Avg	.1036916
Stddev	.0002930
%RSD	.2825895

#1	.1039279
#2	.1037831
#3	.1033637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.798	2329.247	42532.46	6161.317	2942.699
Stddev	9.173	8.912	202.95	15.089	5.886
%RSD	.6424782	.3826325	.4771629	.2449027	.2000226

#1	1427.330	2327.516	42446.86	6174.956	2944.157
#2	1418.867	2321.327	42386.33	6163.886	2936.221
#3	1437.196	2338.898	42764.18	6145.108	2947.719

Sample Name: ICSAB Acquired: 11/21/2017 11:53:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905665	.1316912	.0471510	.0259294	.6244865	246.0270
Stddev	.0007556	.0032691	.0022165	.0052079	.0024831	1.5319
%RSD	.8343163	2.482391	4.700844	20.08491	.3976185	.6226350

#1	.0905061	.1302337	.0483456	.0204534	.6230296	244.5047
#2	.0898429	.1294043	.0445935	.0308197	.6273536	246.0082
#3	.0913505	.1354355	.0485140	.0265150	.6230763	247.5682

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5286126	.4966140	.9918637	245.4910	.5613946	.5046833
Stddev	.0042153	.0049213	.0049102	2.1401	.0010328	.0014504
%RSD	.7974197	.9909795	.4950505	.8717558	.1839693	.2873810

#1	.5242673	.4911794	.9886150	243.1495	.5625823	.5037561
#2	.5288860	.4978931	.9975123	245.9774	.5607077	.5063547
#3	.5326845	.5007695	.9894638	247.3459	.5608937	.5039392

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080421	102.8461	.5538686	254.4547	.9762166	.2289794
Stddev	.0038590	.7789	.0049793	2.2569	.0028201	.0009378
%RSD	.7595836	.7573213	.8989967	.8869677	.2888822	.4095604

#1	.5050341	102.0114	.5487677	251.8729	.9750889	.2300273
#2	.5066990	102.9732	.5541217	255.4380	.9794261	.2282190
#3	.5123932	103.5536	.5587165	256.0531	.9741349	.2286920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879119	.5261693	.9853258	-.197718	-.019595	F -.269809
Stddev	.1824315	.0067852	.0063541	.017868	.002920	.002552
%RSD	207.5164	1.289551	.6448749	9.037284	14.90462	.9460074

#1	.1783076	.5194099	.9920610	-.177242	-.016235	-.266862
#2	.2074947	.5261180	.9844787	-.210149	-.021528	-.271288
#3	-.122067	.5329800	.9794377	-.205765	-.021020	-.271277

Sample Name: ICSAB Acquired: 11/21/2017 11:53:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002365	.0023538	-.002885	-.000379	-.000956	-.000905
Stddev	.0004065	.0011210	.000955	.000908	.000667	.000505
%RSD	171.8995	47.62528	33.09615	239.6093	69.77861	55.84139

#1	.0004276	.0020282	-.002271	.000405	-.001316	-.001028
#2	.0005122	.0014316	-.003985	-.000168	-.001365	-.000349
#3	-.000230	.0036015	-.002398	-.001374	-.000186	-.001337

Elem	Sr4077
Units	ppm
Avg	.1033723
Stddev	.0004666
%RSD	.4514185

#1	.1029441
#2	.1033033
#3	.1038696

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.412	2289.166	42149.10	6078.118	2907.523
Stddev	1.558	9.467	88.95	57.939	7.957
%RSD	.1116401	.4135446	.2110271	.9532313	.2736846

#1	1393.711	2278.251	42050.88	6144.761	2901.549
#2	1395.753	2294.106	42172.22	6049.883	2904.465
#3	1396.770	2295.141	42224.20	6039.709	2916.556

Sample Name: CCV083 Acquired: 11/21/2017 11:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027860	4.959207	25.02394	5.019772	5.088940	404.9346
Stddev	.028202	.019554	.05624	.036975	.027883	2.6364
%RSD	.5609152	.3942925	.2247463	.7365936	.5479213	.6510559

#1	5.019584	4.962431	25.08873	5.011240	5.079086	405.7930
#2	5.059274	4.938242	24.99546	5.060268	5.120413	401.9760
#3	5.004721	4.976949	24.98765	4.987808	5.067322	407.0348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18405	.4863259	2.532611	410.0627	15.33693	2.572403
Stddev	.11968	.0031116	.006112	1.3915	.06034	.003339
%RSD	1.175182	.6398255	.2413386	.3393376	.3934260	.1298200

#1	10.27998	.4899148	2.538589	411.6652	15.40574	2.576033
#2	10.04994	.4843824	2.526373	409.1600	15.31201	2.571712
#3	10.22223	.4846805	2.532871	409.3630	15.29304	2.569462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28274	408.7753	15.31528	410.9153	2.458348	1.290614
Stddev	.06384	1.4614	.04415	.8554	.005596	.005154
%RSD	.4177507	.3575115	.2883032	.2081653	.2276398	.3993535

#1	15.34377	410.2506	15.36232	411.8409	2.461557	1.296527
#2	15.21641	407.3281	15.27473	410.1539	2.461602	1.288248
#3	15.28803	408.7472	15.30879	410.7511	2.451887	1.287068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.8646	2.474480	15.72076	152.5329	5.341086	F 4.262253
Stddev	.8335	.007785	.13295	.7224	.026516	.025124
%RSD	.2084558	.3146262	.8456977	.4736132	.4964598	.5894605

#1	400.7069	2.479806	15.56782	153.1923	5.368690	4.284211
#2	399.0401	2.465546	15.78574	151.7607	5.315811	4.234854
#3	399.8466	2.478090	15.80873	152.6457	5.338755	4.267694

Sample Name: CCV083 Acquired: 11/21/2017 11:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952302	5.209220	4.908363	4.864640	5.132847	5.285560
Stddev	.020311	.017928	.022132	.009069	.023572	.008488
%RSD	.4101339	.3441605	.4508982	.1864240	.4592339	.1605965

#1	4.945130	5.229921	4.933089	4.875019	5.158236	5.292401
#2	4.975226	5.198695	4.890406	4.858246	5.111657	5.288219
#3	4.936551	5.199044	4.901595	4.860654	5.128647	5.276061

Elem	Sr4077
Units	ppm
Avg	5.116024
Stddev	.054186
%RSD	1.059138

#1	5.156734
#2	5.136816
#3	5.054522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.771	2038.023	38618.39	5857.411	2419.792
Stddev	8.047	12.185	15.67	25.034	9.128
%RSD	.6543554	.5978616	.0405844	.4273944	.3772422

#1	1238.805	2039.372	38612.10	5832.592	2413.508
#2	1227.137	2025.220	38606.83	5882.655	2415.606
#3	1223.371	2049.477	38636.23	5856.987	2430.263

Sample Name: CCB083 Acquired: 11/21/2017 12:01:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004789	-.000205	.0006943	-.000371	-.001287	.0036500	-.000881
Stddev	.0022490	.000538	.0015271	.001003	.001214	.0049317	.000157
%RSD	469.6665	261.8513	219.9402	270.6884	94.35161	135.1155	17.76557

#1	-.000461	-.000558	.0005237	.000448	-.000649	.0025360	-.001058
#2	.003045	.000414	-.000740	-.000070	-.000524	-.000629	-.000759
#3	-.001148	-.000472	.002300	-.001489	-.002686	.009043	-.000827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.000072	.0133992	-.000066	.0001613	.0032346	.0053965
Stddev	.000013	.000060	.0019227	.000118	.0001249	.0014835	.0054521
%RSD	17.20357	82.77212	14.34965	179.4832	77.41425	45.86513	101.0311

#1	-.000059	-.000140	.0155734	-.000097	.0000616	.0024141	.0111824
#2	-.000080	-.000027	.0119228	.000065	.0001211	.0049471	.0046524
#3	-.000081	-.000050	.0127014	-.000164	.0003014	.0023425	.0003546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000172	.0083307	-.000148	.0000851	-.115184	-.001141	.0018441
Stddev	.0003999	.0072904	.000366	.0001829	.176051	.001952	.0024270
%RSD	2321.284	87.51322	247.0013	214.9735	152.8431	171.0247	131.6042

#1	-.000352	.0164494	.000263	.0002955	.077390	-.002622	-.000958
#2	.000442	.0023437	-.000438	-.000004	-.267866	-.001874	.003214
#3	-.000038	.0061989	-.000269	-.000037	-.155076	.001071	.003276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041274	.0002549	.0043634	.0006291	.0013266	-.000793	-.000258
Stddev	.0128740	.0008861	.0005748	.0001344	.0047902	.000420	.000680
%RSD	311.9127	347.6109	13.17244	21.36989	361.1001	52.96226	263.4665

#1	-.002569	.0000544	.0050225	.0007042	.0068184	-.000613	-.000703
#2	-.004018	-.000514	.0039663	.0007092	-.000848	-.000493	.000525
#3	.018969	.001224	.0041013	.0004739	-.001990	-.001273	-.000596

Sample Name: CCB083 Acquired: 11/21/2017 12:01:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004008	.0056244	.0000011
Stddev	.0004194	.0009895	.0000425
%RSD	104.6260	17.59384	3970.229

#1	.0008255	.0061439	.0000482
#2	.0003900	.0062460	-.000034
#3	-.000013	.0044833	-.000011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.296	2553.796	47448.29	6294.546	3836.296
Stddev	7.324	9.972	38.37	29.287	11.936
%RSD	.4718336	.3904623	.0808575	.4652813	.3111392

#1	1560.746	2542.521	47406.89	6328.319	3822.621
#2	1548.395	2557.412	47482.64	6279.166	3844.626
#3	1547.749	2561.455	47455.35	6276.152	3841.640

Sample Name: I6362-11A Acquired: 11/21/2017 12:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2R6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039956	.0546394	.0057681	-.003390	-.001796	.8601762	.0354239
Stddev	.0027214	.0005488	.0001721	.001681	.001605	.0083167	.0003599
%RSD	68.10947	1.004400	2.983885	49.56874	89.32722	.9668556	1.016079

#1	.0023350	.0549147	.0059027	-.005308	-.002720	.8697776	.0357953
#2	.0025155	.0540074	.0055741	-.002693	-.002726	.8555389	.0350767
#3	.0071362	.0549960	.0058274	-.002171	.000057	.8552121	.0353998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002252	.0004291	1.851657	.0124550	.0006708	.0093105	9.538566
Stddev	.0000385	.0000795	.016815	.0004364	.0002279	.0017045	.030528
%RSD	17.09335	18.53748	.9080905	3.503808	33.96876	18.30723	.3200507

#1	.0001986	.0005061	1.862723	.0121498	.0008289	.0086225	9.572914
#2	.0002076	.0004340	1.859940	.0122604	.0004096	.0112514	9.514527
#3	.0002693	.0003472	1.832307	.0129549	.0007740	.0080575	9.528256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150202	.8639817	.0086946	.0000898	4.681831	.0015440	.0448749
Stddev	.0003026	.0130734	.0004000	.0001272	.113107	.0030747	.0019923
%RSD	2.014493	1.513153	4.600304	141.6510	2.415866	199.1442	4.439669

#1	.0147079	.8785157	.0091463	-.000026	4.594733	.0008109	.0425746
#2	.0153120	.8531814	.0083855	.000226	4.809663	.0049190	.0459930
#3	.0150407	.8602479	.0085520	.000069	4.641097	-.001098	.0460569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8999515	.0042392	.0070709	.0000826	.1592054	4.770219	-.000622
Stddev	.0259059	.0006642	.0006437	.0001780	.0018398	.015507	.000514
%RSD	2.878589	15.66755	9.104126	215.5635	1.155642	.3250807	82.64745

#1	.9053405	.0044043	.0069092	.0000110	.1612634	4.752711	-.000495
#2	.8717749	.0048052	.0077800	.0002852	.1577197	4.782225	-.000183
#3	.9227390	.0035080	.0065233	-.000048	.1586332	4.775720	-.001187

Sample Name: I6362-11A Acquired: 11/21/2017 12:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2R6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0160028	-.015491	.0133273
Stddev	.0012872	.000428	.0000615
%RSD	8.043404	2.761896	.4617548

#1	.0161159	-.015671	.0133788
#2	.0146628	-.015799	.0132591
#3	.0172296	-.015002	.0133439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.629	2549.213	47320.21	6436.855	3822.518
Stddev	13.164	3.226	40.70	11.812	3.635
%RSD	.8434797	.1265346	.0860194	.1835049	.0950993

#1	1550.448	2545.501	47274.94	6438.898	3821.118
#2	1555.943	2550.813	47353.80	6424.155	3826.645
#3	1575.494	2551.327	47331.88	6447.512	3819.791

Sample Name: PB104415BL Acquired: 11/21/2017 12:13:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002476	.0001657	.0010855	-.000168	-.002215	-.002426	-.001068
Stddev	.000942	.0004428	.0001873	.002028	.000873	.004248	.000129
%RSD	38.04569	267.2350	17.25355	1206.051	39.40946	175.1119	12.02801

#1	-.002522	.0000249	.0009721	.000370	-.001208	.001221	-.001116
#2	-.003394	-.000190	.0013017	.001537	-.002698	-.007090	-.001166
#3	-.001511	.000662	.0009828	-.002412	-.002741	-.001408	-.000923

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000101	.0079519	.0000980	.0000764	.0021055	.0112208
Stddev	.000058	.000062	.0088889	.0002093	.0002502	.0007217	.0028034
%RSD	275.2558	61.55358	111.7833	213.4832	327.6686	34.27671	24.98345

#1	-.000054	-.000065	.0129392	.0001810	-.000183	.0020601	.0144273
#2	.000046	-.000065	.0132271	.0002532	.000096	.0028488	.0100022
#3	-.000055	-.000173	-.002311	-.000140	.000316	.0014076	.0092331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0163276	-.000075	.0002595	-.153127	-.000301	-.000050
Stddev	.000306	.0177946	.000203	.0001941	.135092	.004056	.001505
%RSD	1778.693	108.9848	270.6306	74.78564	88.22222	1348.516	2996.435

#1	.000228	.0362455	.000076	.0000355	-.302113	-.000678	.000240
#2	.000080	.0107399	-.000305	.0003658	-.038606	-.004155	.001288
#3	-.000360	.0019975	.000005	.0003773	-.118662	.003931	-.001679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101053	.0013484	.0016005	-.000170	.0033400	.0017038	.0007784
Stddev	.026553	.0009640	.0015404	.000121	.0037246	.0006001	.0006000
%RSD	26.27604	71.49091	96.24640	71.18457	111.5151	35.22154	77.08879

#1	-.099446	.0009326	.0025113	-.000133	-.000861	.0010419	.0007908
#2	-.128373	.0024505	.0024682	-.000071	.006237	.0018572	.0001722
#3	-.075340	.0006621	-.000178	-.000305	.004644	.0022123	.0013721

Sample Name: PB104415BL Acquired: 11/21/2017 12:13:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004603	-.004402	-.000053
Stddev	.0004493	.000636	.000009
%RSD	97.60736	14.43932	17.24452

#1	.0003547	-.004391	-.000043
#2	.0009530	-.005043	-.000055
#3	.0000732	-.003772	-.000061

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.810	2518.895	46755.92	6293.291	3793.609
Stddev	7.275	13.733	166.67	32.878	16.000
%RSD	.4786617	.5452079	.3564727	.5224270	.4217701

#1	1525.415	2505.183	46834.66	6255.403	3776.413
#2	1511.589	2532.649	46564.46	6310.156	3808.058
#3	1522.427	2518.854	46868.63	6314.315	3796.357

Sample Name: PB104415BS Acquired: 11/21/2017 12:17:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236459	.0609883	.0214420	.0743268	.1318125	.4330988
Stddev	.0023531	.0012119	.0009739	.0029329	.0005197	.0055036
%RSD	9.951211	1.987133	4.542003	3.945955	.3942691	1.270760

#1	.0253009	.0619437	.0213069	.0709547	.1322886	.4364708
#2	.0209522	.0596250	.0205427	.0762842	.1318907	.4267478
#3	.0246845	.0613960	.0224764	.0757415	.1312581	.4360778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4314392	.0107307	.0101120	10.75829	.0229760	.1009579
Stddev	.0017980	.0001460	.0001019	.05472	.0004507	.0004316
%RSD	.4167424	1.360945	1.007756	.5086768	1.961633	.4275000

#1	.4294382	.0106285	.0101385	10.69677	.0228584	.1011455
#2	.4319604	.0106657	.0099995	10.77652	.0225957	.1004643
#3	.4329191	.0108980	.0101981	10.80156	.0234738	.1012640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0916414	F .3542644	.0358120	10.29819	.0801425	.0243480
Stddev	.0009543	.0048196	.0001429	.02729	.0004393	.0002972
%RSD	1.041402	1.360443	.3989601	.2649600	.5482031	1.220812

#1	.0905404	.3518669	.0357312	10.30869	.0797575	.0245445
#2	.0921500	.3511137	.0357278	10.31866	.0800488	.0240061
#3	.0922336	.3598125	.0359770	10.26721	.0806211	.0244935

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13832	.1098739	.1274513	9.644711	.0259493	F .0258348
Stddev	.12598	.0024661	.0021033	.029948	.0004276	.0008129
%RSD	1.242630	2.244525	1.650284	.3105071	1.647708	3.146561

#1	10.17771	.1104845	.1297048	9.610840	.0262898	.0250980
#2	10.23990	.1119774	.1255401	9.667682	.0260888	.0267068
#3	9.99735	.1071598	.1271092	9.655611	.0254695	.0256997

Sample Name: PB104415BS Acquired: 11/21/2017 12:17:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224247	.1954872	.2300256	F .0139639	.2188369	.0958395
Stddev	.0003933	.0060872	.0018367	.0005966	.0009889	.0010386
%RSD	1.753932	3.113870	.7984627	4.272680	.4518913	1.083635

#1	.0222360	.1989046	.2280975	.0133153	.2178807	.0962970
#2	.0221613	.1884592	.2302245	.0140871	.2187744	.0946508
#3	.0228768	.1990978	.2317546	.0144894	.2198555	.0965708

Elem	Sr4077
Units	ppm
Avg	.2217230
Stddev	.0003071
%RSD	.1385100

#1	.2214206
#2	.2220346
#3	.2217137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.115	2516.609	46423.28	6344.553	3637.690
Stddev	26.592	5.741	780.54	42.475	4.849
%RSD	1.736781	.2281053	1.681360	.6694720	.1333118

#1	1503.812	2519.287	45726.86	6392.518	3643.181
#2	1556.934	2510.019	47266.97	6311.702	3635.893
#3	1532.599	2520.521	46276.01	6329.440	3633.995

Sample Name: I6516-16 Acquired: 11/21/2017 12:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010922	.0024232	.0175549	-.001363	-.001537	4.052713	.1245018
Stddev	.0009176	.0016072	.0005229	.002143	.000461	.015809	.0007162
%RSD	84.01639	66.32748	2.978525	157.2828	29.98700	.3900746	.5752825

#1	.0011733	.0011929	.0177584	-.003758	-.001948	4.065161	.1250149
#2	.0019665	.0042416	.0169609	.000374	-.001625	4.058053	.1248070
#3	.0001367	.0018350	.0179455	-.000704	-.001039	4.034927	.1236835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007446	.0007606	10.65167	.0046094	.0050207	.0288814	12.35039
Stddev	.0000610	.0000339	.09909	.0006233	.0000411	.0005372	.08997
%RSD	8.190699	4.460489	.9302729	13.52289	.8185841	1.860205	.7284414

#1	.0008099	.0007587	10.73686	.0050253	.0050209	.0294960	12.44497
#2	.0006890	.0007276	10.67522	.0038927	.0049795	.0285011	12.34032
#3	.0007349	.0007953	10.54293	.0049101	.0050617	.0286470	12.26589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823179	2.146115	.0144601	.0001546	.0602944	.0038290	.0840734
Stddev	.0083021	.037715	.0001845	.0000679	.1036553	.0022516	.0031185
%RSD	1.061221	1.757382	1.276164	43.95044	171.9153	58.80380	3.709218

#1	.7903858	2.175656	.0145446	.0001243	.1753981	.0048294	.0847811
#2	.7827680	2.159057	.0142485	.0002324	-.025679	.0054070	.0806619
#3	.7737998	2.103633	.0145874	.0001070	.031164	.0012506	.0867772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.538848	.6810371	-.012932	-.000300	.5937532	3.659934	-.000731
Stddev	.036212	.0070131	.000213	.000291	.0078418	.021892	.000460
%RSD	.7978286	1.029772	1.650702	96.85317	1.320717	.5981517	63.00798

#1	4.549552	.6880280	-.012817	-.000183	.5972136	3.672233	-.000379
#2	4.568502	.6740020	-.013179	-.000087	.5992696	3.672910	-.000562
#3	4.498491	.6810814	-.012802	-.000632	.5847764	3.634658	-.001252

Sample Name: I6516-16 Acquired: 11/21/2017 12:22:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0130099	-.011931	.0406444
Stddev	.0006448	.000248	.0001323
%RSD	4.955831	2.074744	.3256158

#1	.0123112	-.011719	.0407576
#2	.0135818	-.011871	.0406767
#3	.0131367	-.012203	.0404989

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.015	2551.746	47681.86	6570.355	3798.724
Stddev	15.247	14.189	399.59	49.228	12.547
%RSD	.9742117	.5560517	.8380377	.7492429	.3302830

#1	1557.684	2566.268	47326.38	6533.668	3809.194
#2	1582.542	2551.057	48114.36	6551.096	3802.161
#3	1554.818	2537.915	47604.86	6626.301	3784.817

Sample Name: I6516-17 Acquired: 11/21/2017 12:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048135	.0025556	.0164625	-.004293	-.001629	4.064990	.1257424
Stddev	.0023873	.0003926	.0006188	.002203	.000547	.011074	.0002338
%RSD	49.59643	15.36170	3.758943	51.32035	33.55716	.2724233	.1859666

#1	.0067277	.0023508	.0171467	-.006835	-.001307	4.077536	.1254995
#2	.0021385	.0023077	.0162990	-.003106	-.001320	4.060857	.1257619
#3	.0055742	.0030082	.0159419	-.002937	-.002260	4.056577	.1259659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007087	.0008084	10.56595	.0047283	.0050081	.0274856	12.34570
Stddev	.0000477	.0000938	.02128	.0003137	.0001370	.0007405	.05174
%RSD	6.728286	11.59957	.2014353	6.633883	2.736155	2.694089	.4190995

#1	.0007179	.0008800	10.54224	.0050841	.0049358	.0282273	12.29535
#2	.0006570	.0007023	10.57223	.0044919	.0049223	.0267463	12.34302
#3	.0007510	.0008430	10.58340	.0046088	.0051661	.0274832	12.39872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7783983	2.127054	.0142434	.0003491	-.046591	.0046461	.0881326
Stddev	.0024742	.035109	.0000957	.0001846	.051463	.0017976	.0048159
%RSD	.3178611	1.650599	.6719906	52.87320	110.4549	38.68952	5.464328

#1	.7767569	2.089292	.0141332	.0001360	-.078306	.0053295	.0935917
#2	.7812442	2.158710	.0143053	.0004528	.012786	.0026071	.0863204
#3	.7771940	2.133160	.0142918	.0004585	-.074255	.0060018	.0844858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.547654	.6712366	-.013216	-.000326	.5898772	3.639076	-.001020
Stddev	.061793	.0040493	.000570	.000169	.0087794	.029173	.000397
%RSD	1.358795	.6032568	4.310124	51.87677	1.488338	.8016525	38.94171

#1	4.503806	.6703668	-.013421	-.000302	.5890537	3.608815	-.000667
#2	4.520829	.6676930	-.012572	-.000506	.5815386	3.667023	-.000942
#3	4.618326	.6756502	-.013654	-.000170	.5990393	3.641391	-.001450

Sample Name: I6516-17 Acquired: 11/21/2017 12:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0133753	-.012662	.0410369
Stddev	.0010208	.000730	.0000931
%RSD	7.631887	5.761527	.2267821

#1	.0136496	-.013182	.0409809
#2	.0142308	-.012976	.0409856
#3	.0122453	-.011828	.0411444

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.136	2514.982	46406.57	6561.506	3757.277
Stddev	18.464	26.870	307.15	29.466	35.123
%RSD	1.216252	1.068385	.6618777	.4490761	.9348015

#1	1497.204	2502.073	46051.90	6581.778	3746.701
#2	1525.090	2545.871	46584.67	6527.705	3796.473
#3	1532.113	2497.004	46583.14	6575.035	3728.657

Sample Name: I6516-18 Acquired: 11/21/2017 12:30:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467444	.0817880	.0405107	.0607007	.1196853	6.271995	2.440178
Stddev	.0013473	.0016408	.0013002	.0037850	.0015380	.012894	.007641
%RSD	2.882312	2.006113	3.209566	6.235480	1.285009	.2055805	.3131409

#1	.0477354	.0825492	.0414564	.0645599	.1190832	6.265904	2.440888
#2	.0472874	.0829099	.0410477	.0605477	.1185395	6.263274	2.447439
#3	.0452103	.0799049	.0390280	.0569946	.1214333	6.286806	2.432206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574399	.0518649	10.60926	.2386754	.5391802	.3159446	13.59322
Stddev	.0002706	.0003001	.02266	.0000791	.0008041	.0016628	.01355
%RSD	.4711952	.5786396	.2136002	.0331261	.1491348	.5262818	.0997172

#1	.0577503	.0517973	10.62862	.2386888	.5395139	.3164459	13.57960
#2	.0573163	.0521930	10.58434	.2387470	.5397638	.3140889	13.59337
#3	.0572532	.0516043	10.61484	.2385905	.5382630	.3172991	13.60671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388090	2.112521	.5365652	.0100830	-.044566	.5867504	.6571694
Stddev	.002292	.020544	.0008665	.0001702	.043950	.0072603	.0079929
%RSD	.1651351	.9724883	.1614819	1.687632	98.61801	1.237383	1.216260

#1	1.387741	2.131127	.5374092	.0098924	-.001932	.5905170	.6519885
#2	1.390537	2.090473	.5366083	.0101368	-.089723	.5913534	.6531452
#3	1.385993	2.115963	.5356779	.0102197	-.042042	.5783808	.6663746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.539198	.6787914	-.016097	-.000578	.5816057	3.593255	.0006563
Stddev	.016732	.0088686	.000146	.000111	.0033064	.001251	.0010189
%RSD	.3686129	1.306527	.9073829	19.11673	.5685015	.0348129	155.2529

#1	4.549928	.6728031	-.015965	-.000534	.5807519	3.594277	.0014647
#2	4.519919	.6745913	-.016071	-.000704	.5788099	3.591860	.0009923
#3	4.547748	.6889798	-.016254	-.000497	.5852553	3.593627	-.000488

Sample Name: I6516-18 Acquired: 11/21/2017 12:30:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B93S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0137893	-.012241	.0411555
Stddev	.0005353	.000458	.0000736
%RSD	3.881994	3.745210	.1788675

#1	.0136974	-.012769	.0410897
#2	.0133059	-.011940	.0412350
#3	.0143646	-.012014	.0411418

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.642	2459.257	45536.42	6449.046	3666.968
Stddev	14.371	12.648	249.17	35.671	9.922
%RSD	.9693085	.5142859	.5471987	.5531209	.2705744

#1	1487.505	2461.285	45550.16	6436.080	3667.444
#2	1493.951	2470.767	45778.44	6489.387	3676.643
#3	1466.470	2445.717	45280.66	6421.672	3656.816

Sample Name: I6516-16LX5 Acquired: 11/21/2017 12:34:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B93L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014805	.0005894	.0039003	.0000165	-.002128	.7923681	.0239158
Stddev	.0016119	.0011252	.0012241	.0022647	.000930	.0078674	.0003719
%RSD	108.8751	190.9047	31.38530	13704.71	43.69032	.9929018	1.554832

#1	.0000660	-.000708	.0032351	.0006987	-.001839	.7904271	.0238021
#2	.0011401	.001303	.0053131	-.002511	-.003168	.7856528	.0243313
#3	.0032354	.001173	.0031529	.001862	-.001377	.8010244	.0236142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001378	.0000640	2.096948	.0002799	.0008066	.0074970	2.416881
Stddev	.0000232	.0000827	.017157	.0004317	.0002853	.0008990	.019629
%RSD	16.79271	129.1265	.8181971	154.2528	35.36604	11.99085	.8121491

#1	.0001167	.0000929	2.101716	-.000159	.0007557	.0066527	2.438183
#2	.0001626	-.000029	2.077911	.000296	.0011139	.0084421	2.399526
#3	.0001342	.000128	2.111216	.000704	.0005502	.0073963	2.412932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1524226	.4083852	.0027783	.0003458	-.106332	-.001036	.0195273
Stddev	.0015333	.0112366	.0003123	.0003176	.097983	.000929	.0027379
%RSD	1.005927	2.751480	11.24048	91.86013	92.14773	89.65545	14.02098

#1	.1514236	.4032968	.0025932	.0005565	-.101643	-.001158	.0164931
#2	.1516563	.4212659	.0026028	-.000020	-.010778	-.001898	.0218136
#3	.1541880	.4005929	.0031388	.000500	-.206575	-.000052	.0202751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8486572	.1191627	-.002901	-.000253	.1176445	.6886581	-.000005
Stddev	.0464276	.0004139	.000586	.000045	.0057590	.0031538	.000597
%RSD	5.470718	.3473484	20.20248	17.64790	4.895286	.4579694	10938.41

#1	.8265415	.1196082	-.002409	-.000298	.1196040	.6850600	-.000626
#2	.8174220	.1187900	-.003550	-.000251	.1221681	.6899702	.000046
#3	.9020080	.1190900	-.002745	-.000209	.1111614	.6909441	.000564

Sample Name: I6516-16LX5 Acquired: 11/21/2017 12:34:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B93L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022465	-.008967	.0080756
Stddev	.0004625	.000152	.0000354
%RSD	20.58963	1.692400	.4386712

#1	.0026719	-.008834	.0081130
#2	.0023135	-.009132	.0080713
#3	.0017541	-.008936	.0080425

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.687	2523.760	46165.35	6390.759	3782.327
Stddev	6.351	11.056	90.72	30.822	10.569
%RSD	.4243474	.4380606	.1965155	.4822871	.2794421

#1	1489.364	2511.079	46094.19	6377.352	3770.418
#2	1500.010	2531.369	46267.51	6426.013	3785.968
#3	1500.688	2528.833	46134.35	6368.911	3790.594

Sample Name: I6516-19 Acquired: 11/21/2017 12:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037637	.0024068	.0114695	-.002174	-.002152	2.347579	.0865272
Stddev	.0007180	.0009651	.0006889	.004794	.000861	.024789	.0001105
%RSD	19.07637	40.09750	6.006226	220.4685	39.99731	1.055938	.1276821

#1	.0044489	.0035210	.0107260	-.002896	-.002715	2.358001	.0866373
#2	.0030169	.0018640	.0115963	-.006566	-.001161	2.365455	.0865279
#3	.0038253	.0018353	.0120862	.002939	-.002579	2.319280	.0864163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004354	.0004693	9.564262	.0024390	.0031562	.0179468	8.312114
Stddev	.0000332	.0000693	.026104	.0002142	.0000758	.0005026	.017556
%RSD	7.621333	14.76221	.2729303	8.783443	2.402532	2.800496	.2112056

#1	.0004470	.0004491	9.543683	.0026558	.0031310	.0174922	8.330360
#2	.0003980	.0005464	9.593625	.0024338	.0032414	.0184865	8.310641
#3	.0004613	.0004123	9.555478	.0022275	.0030962	.0178618	8.295342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6609057	1.756889	.0083438	.0004073	.0320836	.0048309	.0562464
Stddev	.0028122	.014110	.0001876	.0002898	.0923113	.0023923	.0034096
%RSD	.4255128	.8030979	2.248344	71.15348	287.7215	49.52059	6.061921

#1	.6615135	1.741653	.0085537	.0002037	.1156463	.0063651	.0523184
#2	.6633643	1.759508	.0082851	.0002791	-.067007	.0060534	.0579780
#3	.6578392	1.769505	.0081925	.0007391	.047611	.0020744	.0584426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.342530	.4919611	-.003769	-.000018	.5767418	2.525509	-.000885
Stddev	.036700	.0041463	.000354	.000112	.0016820	.011488	.000255
%RSD	.8451181	.8428043	9.382055	611.3196	.2916349	.4548928	28.79161

#1	4.360595	.4950114	-.003386	-.000002	.5777282	2.527765	-.001171
#2	4.366695	.4936318	-.004084	-.000138	.5747997	2.535702	-.000680
#3	4.300300	.4872401	-.003835	.000085	.5776975	2.513060	-.000804

Sample Name: I6516-19 Acquired: 11/21/2017 12:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097634	-.015104	.0368181
Stddev	.0003001	.000618	.0000764
%RSD	3.073668	4.094233	.2076256

#1	.0094191	-.015429	.0369001
#2	.0099021	-.014391	.0368053
#3	.0099691	-.015493	.0367489

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.260	2455.864	45771.74	6559.031	3706.593
Stddev	6.439	16.443	66.20	15.729	16.935
%RSD	.4335098	.6695472	.1446304	.2398020	.4568936

#1	1487.819	2463.112	45843.71	6567.466	3719.067
#2	1490.026	2467.438	45713.44	6540.884	3713.399
#3	1477.935	2437.042	45758.09	6568.743	3687.314

Sample Name: I6516-20 Acquired: 11/21/2017 12:42:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000469	.0011695	.0002078	-.000980	-.001970	.0026911	-.001077
Stddev	.001971	.0015715	.0008078	.001394	.000406	.0050073	.000088
%RSD	420.5771	134.3774	388.6829	142.2645	20.63398	186.0687	8.209459

#1	.000727	.0027357	-.000160	.000562	-.001723	.0084569	-.001179
#2	-.002744	-.000407	-.000350	-.002152	-.002439	.0001824	-.001029
#3	.000611	.001180	.001134	-.001350	-.001747	-.000566	-.001023

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000759	-.000084	.0753976	.0001493	.0000913	.0025432	.0342632
Stddev	.0000290	.000115	.0027159	.0004363	.0000774	.0003518	.0057972
%RSD	38.16554	136.8987	3.602043	292.2928	84.78188	13.83280	16.91968

#1	.0000543	-.000103	.0729268	.0002505	.0000020	.0022385	.0405852
#2	.0000646	-.000188	.0783055	-.000329	.0001393	.0024629	.0330083
#3	.0001089	.000039	.0749605	.000526	.0001326	.0029283	.0291963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016415	.0122515	.0003591	.0003709	-.120925	-.002701	.0039868
Stddev	.0004407	.0103762	.0003074	.0002018	.046680	.001670	.0005612
%RSD	26.84568	84.69320	85.58962	54.40209	38.60233	61.83734	14.07634

#1	.0018842	.0121351	.0004433	.0005981	-.088621	-.000772	.0046104
#2	.0019075	.0019340	.0000184	.0003022	-.174445	-.003657	.0035225
#3	.0011329	.0226854	.0006157	.0002125	-.099710	-.003673	.0038274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.742241	.0000918	-.002402	.0004119	.0199332	.0018165	-.001293
Stddev	.018674	.0005498	.000621	.0000739	.0020445	.0012025	.001070
%RSD	2.515886	599.1509	25.86137	17.93945	10.25684	66.20155	82.70094

#1	-.744796	-.000464	-.002844	.0004313	.0175922	.0011499	-.000837
#2	-.722421	.000636	-.002671	.0003302	.0208398	.0010949	-.000527
#3	-.759506	.000103	-.001692	.0004741	.0213677	.0032047	-.002515

Sample Name: I6516-20 Acquired: 11/21/2017 12:42:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0B95 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000355	-.018277	.0000197
Stddev	.000299	.000236	.0000457
%RSD	84.17760	1.291987	231.4974

#1	-.000606	-.018387	.0000031
#2	-.000435	-.018439	.0000714
#3	-.000024	-.018006	-.000015

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.790	2514.487	46254.79	6535.971	3880.188
Stddev	1.192	10.661	159.84	14.080	6.751
%RSD	.0792471	.4239635	.3455641	.2154275	.1739833

#1	1504.406	2524.683	46405.11	6532.212	3886.815
#2	1504.548	2503.416	46272.38	6551.549	3873.320
#3	1502.417	2515.361	46086.89	6524.152	3880.428

Sample Name: I6406-13A Acquired: 11/21/2017 12:46:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBE2W0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134628	.0487203	.0009870	-.003889	-.001448	.0201701	.1244266
Stddev	.0022231	.0024855	.0012166	.003026	.001060	.0013912	.0021248
%RSD	16.51317	5.101648	123.2630	77.81235	73.21081	6.897568	1.707698

#1	.0137359	.0500688	.0000664	-.000520	-.001045	.0195263	.1221608
#2	.0111158	.0502402	.0005283	-.004772	-.002651	.0192174	.1247443
#3	.0155368	.0458520	.0023662	-.006376	-.000649	.0217667	.1263747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002056	.0012175	63.67288	-.000066	.0010803	.0016475	32.18525
Stddev	.0000860	.0000568	1.32849	.000105	.0002053	.0009031	.69032
%RSD	41.81557	4.664303	2.086434	160.3211	19.00563	54.81498	2.144830

#1	.0001262	.0011901	62.20693	-.000158	.0012849	.0024761	31.39682
#2	.0001937	.0012828	64.01455	-.000087	.0010817	.0006850	32.47781
#3	.0002969	.0011796	64.79717	.000049	.0008743	.0017813	32.68111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504401	10.70613	.0108001	.0008123	22.80613	.0036392	.0038720
Stddev	.0026550	.19039	.0006311	.0001817	.34755	.0013000	.0015829
%RSD	1.764816	1.778374	5.843838	22.36418	1.523912	35.72365	40.87932

#1	.1477243	10.49889	.0113799	.0009313	22.42874	.0050852	.0025921
#2	.1505663	10.74621	.0101278	.0006032	22.87666	.0032652	.0033820
#3	.1530298	10.87329	.0108925	.0009024	23.11301	.0025671	.0056419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53927	6.583829	.4180448	.0000839	14.73159	3.525901	-.001563
Stddev	.26246	.070814	.0078398	.0003980	.13316	.052621	.000501
%RSD	1.805208	1.075574	1.875350	474.3077	.9039017	1.492417	32.07653

#1	14.24372	6.543554	.4097684	.0003207	14.67571	3.477247	-.002008
#2	14.62898	6.542337	.4190068	.0003067	14.63548	3.518708	-.001662
#3	14.74513	6.665595	.4253592	-.000376	14.88359	3.581749	-.001020

Sample Name: I6406-13A Acquired: 11/21/2017 12:46:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBE2W0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001524	-.017634	.3055845
Stddev	.000595	.000320	.0051743
%RSD	39.06742	1.814961	1.693253

#1	-.001326	-.017802	.2997060
#2	-.001053	-.017836	.3075983
#3	-.002194	-.017265	.3094491

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.146	2291.555	43070.63	6481.968	3326.453
Stddev	11.238	2.874	207.42	98.814	6.104
%RSD	.8124851	.1254165	.4815789	1.524437	.1834900

#1	1380.915	2294.671	42898.37	6580.243	3330.143
#2	1373.191	2289.008	43012.66	6483.037	3329.808
#3	1395.332	2290.985	43300.87	6382.625	3319.408

Sample Name: CCV084 Acquired: 11/21/2017 12:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.138274	4.924653	25.16790	5.196088	5.159095	408.9092
Stddev	.033962	.023719	.09019	.019781	.040254	5.3903
%RSD	.6609533	.4816301	.3583646	.3806991	.7802453	1.318215

#1	5.158251	4.903033	25.22678	5.200831	5.184635	408.9824
#2	5.099061	4.920902	25.06407	5.174366	5.112693	414.2625
#3	5.157510	4.950023	25.21286	5.213066	5.179959	403.4827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17909	.4565788	2.525060	401.1689	15.03443	2.606774
Stddev	.25086	.0056484	.006706	4.6836	.21047	.006264
%RSD	2.464421	1.237109	.2655794	1.167480	1.399925	.2402828

#1	10.12090	.4549116	2.529288	398.0972	15.13515	2.612350
#2	10.45392	.4628732	2.517328	406.5595	14.79252	2.599996
#3	9.96244	.4519517	2.528565	398.8499	15.17560	2.607975

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.38466	404.8145	15.03310	405.8213	2.414151	1.156972
Stddev	.10080	4.7128	.15310	4.5908	.008608	.017229
%RSD	.6552066	1.164198	1.018412	1.131248	.3565833	1.489109

#1	15.33555	401.9393	14.93213	402.7955	2.415960	1.164055
#2	15.50060	410.2535	15.20925	411.1037	2.404781	1.137331
#3	15.31782	402.2508	14.95791	403.5647	2.421711	1.169530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.8149	2.401835	16.43768	151.5401	5.310002	F 4.196210
Stddev	3.2364	.023686	.31132	1.2464	.029601	.043498
%RSD	.8094707	.9861526	1.893970	.8224791	.5574637	1.036611

#1	398.0516	2.390045	16.51800	150.8270	5.275895	4.172517
#2	403.5500	2.429102	16.09407	152.9793	5.329010	4.246411
#3	397.8431	2.386358	16.70098	150.8141	5.325099	4.169701

Sample Name: CCV084 Acquired: 11/21/2017 12:50:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049937	5.239729	4.789519	4.683853	5.147117	5.259272
Stddev	.027558	.008374	.057307	.018382	.051758	.031657
%RSD	.5457091	.1598129	1.196510	.3924585	1.005573	.6019277

#1	5.068626	5.238295	4.782487	4.690985	5.120356	5.262443
#2	5.018288	5.248727	4.850018	4.662973	5.206777	5.289225
#3	5.062898	5.232164	4.736053	4.697600	5.114218	5.226149

Elem	Sr4077
Units	ppm
Avg	5.232076
Stddev	.069054
%RSD	1.319813

#1	5.176415
#2	5.309352
#3	5.210463

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.102	1915.187	36392.31	5751.734	2290.135
Stddev	24.243	9.804	546.56	64.727	6.034
%RSD	2.131971	.5119062	1.501853	1.125340	.2634751

#1	1126.016	1906.266	36166.39	5775.355	2284.445
#2	1164.905	1925.683	37015.61	5678.514	2296.463
#3	1120.384	1913.610	35994.93	5801.332	2289.498

Sample Name: CCB084 Acquired: 11/21/2017 13:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009293	-.000329	.0009280	.0014477	-.001191	.0012792	-.001030
Stddev	.0020160	.001087	.0006051	.0023003	.000779	.0009254	.000241
%RSD	216.9474	330.5199	65.20224	158.8972	65.42430	72.33882	23.43028

#1	-.001158	.000442	.0007875	-.000129	-.000782	.0017488	-.001309
#2	.002866	-.001573	.0015910	.000385	-.002090	.0018757	-.000886
#3	.001079	.000144	.0004055	.004087	-.000702	.0002132	-.000897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000139	-.000020	.0107050	-.000095	-.000171	.0034230	.0039384
Stddev	.0001036	.000061	.0020898	.000276	.000084	.0001909	.0034372
%RSD	746.5039	300.4468	19.52204	289.8482	48.83908	5.578281	87.27276

#1	.0000087	.000041	.0110094	-.000222	-.000086	.0033179	.0039309
#2	.0001199	-.000082	.0084796	-.000285	-.000253	.0033076	.0005050
#3	-.000087	-.000020	.0126259	.000221	-.000175	.0036434	.0073793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	.0015890	-.000164	.0001331	-.212506	-.002142	.0015723
Stddev	.000507	.0063783	.000161	.0003047	.066812	.001993	.0008520
%RSD	540.7559	401.3995	97.94326	228.9843	31.43990	93.04250	54.18583

#1	-.000176	-.001426	-.000052	.0000371	-.139118	-.004007	.0008992
#2	.000449	-.002723	-.000092	-.000112	-.269802	-.000043	.0012876
#3	-.000555	.008916	-.000349	.000474	-.228599	-.002375	.0025302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044196	.0010530	.0081590	.0009386	.0058720	-.000368	.0003041
Stddev	.0058985	.0008371	.0006017	.0003000	.0025556	.000421	.0005433
%RSD	133.4621	79.49369	7.374030	31.95603	43.52123	114.3210	178.6496

#1	.0054250	.0007143	.0083122	.0012140	.0029215	.000117	.0006613
#2	.0097508	.0020064	.0074956	.0006190	.0073067	-.000641	.0005722
#3	-.001917	.0004384	.0086692	.0009829	.0073879	-.000580	-.000321

Sample Name: CCB084 Acquired: 11/21/2017 13:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003532	.0052918	-.000083
Stddev	.0001102	.0005919	.000022
%RSD	31.19197	11.18571	26.95571

#1	.0004573	.0057239	-.000061
#2	.0002379	.0055344	-.000081
#3	.0003645	.0046171	-.000106

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.593	2479.629	45434.29	6395.268	3761.715
Stddev	18.521	14.057	246.18	45.473	19.220
%RSD	1.251739	.5669022	.5418483	.7110375	.5109380

#1	1484.349	2463.765	45438.90	6342.762	3739.571
#2	1495.273	2490.535	45678.13	6421.168	3771.504
#3	1459.159	2484.589	45185.83	6421.874	3774.069

Sample Name: PBW Acquired: 11/21/2017 13:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024506	-.000132	.0009539	.0015164	-.002062	.0042559	-.000840
Stddev	.0031233	.001093	.0014138	.0014102	.001686	.0013810	.000205
%RSD	127.4514	827.1745	148.2018	92.99513	81.76651	32.45000	24.43345

#1	.0000427	.000758	.0021655	.0030744	-.001180	.0044572	-.001021
#2	.0059798	-.001353	.0012957	.0011473	-.000999	.0027853	-.000884
#3	.0013293	.000198	-.000599	.0003275	-.004005	.0055252	-.000617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000046	.0082145	-.000056	-.000073	.0024343	.0013846
Stddev	.000027	.000069	.0021427	.000423	.000119	.0003041	.0026873
%RSD	71.11577	147.5365	26.08424	760.1219	162.6259	12.49226	194.0887

#1	-.000068	.000032	.0090936	.000396	-.000204	.0026639	-.000478
#2	-.000031	-.000092	.0097779	-.000120	.000030	.0025496	.004465
#3	-.000015	-.000080	.0057721	-.000444	-.000047	.0020894	.000167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000634	.0147626	.0000510	.0003507	-.053773	-.001840	.0021550
Stddev	.0002525	.0228180	.0005767	.0003700	.111300	.001602	.0027163
%RSD	398.0227	154.5660	1131.449	105.4915	206.9795	87.05066	126.0472

#1	.0003545	.0092885	.0006517	.0000034	-.161304	-.002423	.0010632
#2	-.000097	-.004820	-.000498	.0003090	.060947	-.003070	.0001545
#3	-.000067	.039820	-.000000	.0007398	-.060964	-.000029	.0052473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073937	.0006328	.0039973	-.000003	.0070850	-.001003	-.000861
Stddev	.017185	.0018648	.0003057	.000039	.0023080	.000662	.000434
%RSD	23.24277	294.6924	7.648440	1229.939	32.57542	65.97629	50.35212

#1	-.084874	-.000697	.0042616	.000024	.0045203	-.000274	-.000397
#2	-.082808	.002764	.0040678	-.000048	.0089945	-.001172	-.001256
#3	-.054130	-.000169	.0036625	.000014	.0077402	-.001565	-.000930

Sample Name: PBW Acquired: 11/21/2017 13:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000022	-.001969	-.000109
Stddev	.000429	.000428	.000036
%RSD	1930.815	21.74551	33.32005

#1	.000006	-.001495	-.000150
#2	-.000464	-.002328	-.000086
#3	.000391	-.002083	-.000089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.877	2552.402	46214.99	6505.264	3852.863
Stddev	8.698	3.619	96.21	58.364	6.453
%RSD	.5768306	.1417962	.2081715	.8971880	.1674832

#1	1517.017	2555.963	46257.94	6443.896	3860.311
#2	1506.914	2548.727	46282.25	6511.827	3848.936
#3	1499.701	2552.516	46104.79	6560.070	3849.343

Sample Name: LCSW Acquired: 11/21/2017 13:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225827	.0544828	.0190719	.0728413	.1205513	.4082531
Stddev	.0063750	.0035029	.0005052	.0012727	.0008842	.0084182
%RSD	28.22975	6.429277	2.648676	1.747183	.7334504	2.061997

#1	.0294074	.0504383	.0189736	.0714661	.1202890	.4171026
#2	.0215596	.0565483	.0186232	.0730803	.1198279	.4003456
#3	.0167810	.0564617	.0196190	.0739775	.1215369	.4073110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3951824	.0094954	.0093300	9.720336	.0216552	.0935316
Stddev	.0016596	.0000162	.0001278	.059390	.0003614	.0003160
%RSD	.4199619	.1701974	1.369845	.6109864	1.668791	.3378856

#1	.3970940	.0095054	.0091891	9.788559	.0219188	.0933482
#2	.3943441	.0094767	.0093626	9.680198	.0212433	.0933500
#3	.3941091	.0095040	.0094384	9.692250	.0218037	.0938965

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537040	.2180949	.0316677	9.506571	.0725331	.0239945
Stddev	.0002839	.0063095	.0001141	.089067	.0002733	.0000484
%RSD	.5286729	2.892997	.3603885	.9368941	.3768530	.2015957

#1	.0540318	.2108380	.0317022	9.586867	.0722190	.0240501
#2	.0535361	.2222824	.0315403	9.410770	.0726635	.0239622
#3	.0535441	.2211643	.0317606	9.522076	.0727169	.0239712

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.402327	.1003806	.1255384	9.049992	.0211710	F .0254842
Stddev	.020884	.0029210	.0028256	.070095	.0016545	.0007847
%RSD	.2221187	2.909913	2.250822	.7745272	7.814704	3.079326

#1	9.424250	.1023868	.1286335	9.124212	.0228171	.0260581
#2	9.400065	.0970294	.1230965	8.984922	.0211876	.0258045
#3	9.382665	.1017256	.1248853	9.040842	.0195083	.0245900

Sample Name: LCSW Acquired: 11/21/2017 13:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207968	.1833261	.2042283	F .0114042	.2018706	.0901797
Stddev	.0001030	.0039220	.0022373	.0006078	.0013437	.0010530
%RSD	.4954248	2.139338	1.095514	5.329540	.6656475	1.167610

#1	.0207313	.1843997	.2063091	.0113563	.2034044	.0907994
#2	.0209155	.1865995	.2018619	.0120346	.2013068	.0889640
#3	.0207435	.1789792	.2045138	.0108218	.2009005	.0907758

Elem	Sr4077
Units	ppm
Avg	.2070306
Stddev	.0013471
%RSD	.6506694

#1	.2085860
#2	.2062603
#3	.2062454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.025	2451.474	43342.43	6275.378	3576.809
Stddev	8.986	7.073	172.23	51.196	8.198
%RSD	.6337197	.2885100	.3973628	.8158239	.2291978

#1	1425.294	2445.021	43269.91	6216.359	3568.350
#2	1407.978	2450.367	43218.33	6307.823	3577.358
#3	1420.803	2459.036	43539.06	6301.952	3584.718

Sample Name: WATER MDL#1 Acquired: 11/21/2017 13:31:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057374	.0095837	.0020820	.0066029	.0079394	.0230532	.0190912
Stddev	.0014433	.0017545	.0003440	.0024848	.0002864	.0048995	.0001860
%RSD	25.15659	18.30757	16.52333	37.63281	3.606798	21.25302	.9742141

#1	.0061533	.0110326	.0016987	.0075979	.0081947	.0258957	.0192869
#2	.0069271	.0100855	.0023638	.0037747	.0076298	.0173958	.0189168
#3	.0041318	.0076329	.0021836	.0084360	.0079938	.0258681	.0190699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011716	.0010874	.4435752	.0019495	.0060827	.0064449	.0277250
Stddev	.0000900	.0000495	.0048449	.0001891	.0002313	.0013833	.0040736
%RSD	7.681348	4.554880	1.092229	9.698341	3.803312	21.46374	14.69300

#1	.0012663	.0011186	.4458576	.0021618	.0058276	.0080323	.0237786
#2	.0011613	.0011133	.4380107	.0017993	.0062790	.0058048	.0274815
#3	.0010872	.0010303	.4468573	.0018874	.0061414	.0054975	.0319150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043232	.3815304	.0073555	.0027915	.2143243	.0066498	.0102319
Stddev	.0001731	.0276012	.0002823	.0000712	.0779256	.0012450	.0053719
%RSD	4.004207	7.234345	3.838276	2.552474	36.35873	18.72168	52.50213

#1	.0042279	.4126656	.0070448	.0028625	.1244030	.0055447	.0110912
#2	.0045230	.3600656	.0074255	.0027200	.2564527	.0079986	.0044820
#3	.0042186	.3718601	.0075963	.0027919	.2621171	.0064061	.0151223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3419764	.0048518	.0255954	.0444399	.0112368	.0866923	.0073716
Stddev	.0344494	.0013169	.0008112	.0006997	.0020947	.0005037	.0005119
%RSD	10.07361	27.14271	3.169383	1.574570	18.64182	.5810162	6.944338

#1	.3425322	.0061505	.0264517	.0440065	.0094065	.0863660	.0079367
#2	.3072525	.0035174	.0254960	.0440661	.0107824	.0864384	.0072393
#3	.3761445	.0048874	.0248384	.0452472	.0135214	.0872724	.0069388

Sample Name: WATER MDL#1 Acquired: 11/21/2017 13:31:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0085799	-.001657	.0044479
Stddev	.0001443	.000610	.0000426
%RSD	1.681642	36.83618	.9573293

#1	.0087440	-.000962	.0044896
#2	.0084731	-.002104	.0044497
#3	.0085226	-.001906	.0044044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.217	2484.484	44519.87	6302.095	3727.074
Stddev	15.133	4.728	199.04	27.655	4.416
%RSD	1.036322	.1902831	.4470709	.4388243	.1184740

#1	1458.978	2479.943	44477.28	6271.948	3722.957
#2	1475.932	2489.378	44736.75	6326.289	3731.737
#3	1445.743	2484.132	44345.57	6308.048	3726.528

Sample Name: WATER MDL#2 Acquired: 11/21/2017 13:35:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051632	.0102458	.0025146	.0047818	.0106922	.0235381	.0230411
Stddev	.0041876	.0014620	.0011800	.0005067	.0008739	.0067642	.0002701
%RSD	81.10423	14.26943	46.92721	10.59576	8.173520	28.73716	1.172298

#1	.0053527	.0106193	.0026949	.0049695	.0109692	.0194558	.0231388
#2	.0008841	.0086333	.0035941	.0042081	.0097133	.0198126	.0227357
#3	.0092528	.0114849	.0012548	.0051678	.0113940	.0313460	.0232487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013819	.0013313	.5018789	.0022160	.0068245	.0074760	.0292051
Stddev	.0000616	.0000474	.0047787	.0000900	.0001338	.0010670	.0007189
%RSD	4.455234	3.563731	.9521703	4.062388	1.961157	14.27275	2.461664

#1	.0014169	.0012940	.5006624	.0022236	.0069377	.0086542	.0297279
#2	.0014180	.0013151	.5071483	.0023019	.0068589	.0071991	.0295020
#3	.0013108	.0013847	.4978260	.0021223	.0066768	.0065747	.0283852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050349	.4655034	.0086162	.0033650	.3049332	.0083354	.0120246
Stddev	.0002810	.0038664	.0000886	.0001570	.0371540	.0012164	.0018045
%RSD	5.581294	.8305782	1.028478	4.666073	12.18430	14.59305	15.00650

#1	.0047711	.4631321	.0085979	.0032299	.2890136	.0069530	.0100542
#2	.0050031	.4699649	.0087126	.0033278	.3473943	.0092417	.0124233
#3	.0053304	.4634131	.0085382	.0035373	.2783916	.0088116	.0135965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3636099	.0056341	.0288671	.0511852	.0099621	.1003161	.0073153
Stddev	.0130232	.0027338	.0008165	.0001844	.0040690	.0002887	.0001435
%RSD	3.581646	48.52268	2.828545	.3601540	40.84458	.2878232	1.961329

#1	.3612718	.0053088	.0290427	.0513812	.0124341	.1001905	.0074453
#2	.3519140	.0030775	.0279770	.0511593	.0121864	.1006463	.0073392
#3	.3776437	.0085160	.0295815	.0510152	.0052658	.1001114	.0071614

Sample Name: WATER MDL#2 Acquired: 11/21/2017 13:35:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100490	-.003073	.0052738
Stddev	.0005148	.000013	.0000408
%RSD	5.122622	.4087795	.7740246

#1	.0106336	-.003063	.0052460
#2	.0098496	-.003087	.0052547
#3	.0096637	-.003069	.0053206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.985	2529.135	45235.33	6417.131	3799.610
Stddev	7.933	7.889	182.07	27.289	14.333
%RSD	.5349310	.3119107	.4024888	.4252508	.3772296

#1	1473.951	2522.970	45125.29	6386.783	3789.211
#2	1488.817	2526.410	45135.21	6424.962	3793.659
#3	1486.186	2538.025	45445.48	6439.649	3815.960

Sample Name: WATER MDL#3 Acquired: 11/21/2017 13:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075197	.0108624	.0026733	.0021317	.0096092	.0218673	.0201463
Stddev	.0016661	.0008109	.0013528	.0024096	.0018773	.0058579	.0001466
%RSD	22.15663	7.464980	50.60463	113.0375	19.53604	26.78826	.7276672

#1	.0063124	.0105398	.0011963	-.000514	.0074441	.0235217	.0203073
#2	.0094205	.0117850	.0038522	.004200	.0106002	.0267200	.0200207
#3	.0068261	.0102625	.0029715	.002710	.0107834	.0153601	.0201107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011845	.0010673	.4421266	.0015528	.0064504	.0071624	.0213815
Stddev	.0000490	.0000781	.0167364	.0003485	.0002591	.0004585	.0062670
%RSD	4.134011	7.313338	3.785424	22.44608	4.017285	6.400850	29.31036

#1	.0011353	.0010026	.4481482	.0015612	.0064567	.0070333	.0232477
#2	.0012333	.0010453	.4550190	.0018971	.0061881	.0076716	.0265035
#3	.0011849	.0011539	.4232126	.0012002	.0067063	.0067824	.0143934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047084	.4139854	.0080313	.0029821	.2780148	.0093121	.0112731
Stddev	.0000534	.0307751	.0002665	.0002451	.0412920	.0005955	.0037775
%RSD	1.133276	7.433870	3.318588	8.219747	14.85244	6.394595	33.50926

#1	.0046952	.4311752	.0081319	.0030746	.2303383	.0098800	.0085419
#2	.0047671	.3784555	.0077291	.0031676	.3023456	.0093638	.0155841
#3	.0046628	.4323255	.0082329	.0027042	.3013605	.0086924	.0096933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3174721	.0043986	.0245534	.0465016	.0079584	.0888877	.0077354
Stddev	.0074950	.0005288	.0005012	.0002592	.0022896	.0012436	.0004356
%RSD	2.360827	12.02331	2.041096	.5573740	28.76967	1.399015	5.630732

#1	.3148341	.0038738	.0246665	.0462109	.0053459	.0896062	.0081190
#2	.3116528	.0043905	.0249884	.0467087	.0089131	.0896052	.0072619
#3	.3259294	.0049314	.0240054	.0465851	.0096161	.0874518	.0078251

Sample Name: WATER MDL#3 Acquired: 11/21/2017 13:39:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086843	-.004825	.0046340
Stddev	.0007000	.000289	.0000707
%RSD	8.060568	5.980707	1.526578

#1	.0080164	-.004558	.0046378
#2	.0094125	-.004786	.0047027
#3	.0086238	-.005131	.0045614

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.545	2524.148	45507.69	6440.801	3790.021
Stddev	55.661	12.449	1617.67	68.173	13.848
%RSD	3.734275	.4931850	3.554716	1.058455	.3653745

#1	1500.050	2512.432	45861.25	6442.238	3775.456
#2	1430.743	2522.794	43742.49	6371.922	3791.587
#3	1540.841	2537.218	46919.34	6508.245	3803.019

Sample Name: WATER MDL#4 Acquired: 11/21/2017 13:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061053	.0108573	.0027966	.0074910	.0103578	.0276016	.0231318
Stddev	.0015618	.0005160	.0015916	.0004096	.0001345	.0047326	.0003118
%RSD	25.58023	4.752332	56.90919	5.468328	1.298646	17.14625	1.347756

#1	.0068131	.0102817	.0045530	.0073795	.0104690	.0297750	.0234844
#2	.0043150	.0110116	.0014499	.0079448	.0102083	.0221727	.0230180
#3	.0071879	.0112785	.0023871	.0071486	.0103961	.0308572	.0228929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013950	.0011857	.4979894	.0017075	.0070585	.0072412	.0309589
Stddev	.0000453	.0000334	.0082419	.0004889	.0001846	.0011559	.0053569
%RSD	3.248601	2.817590	1.655033	28.63407	2.615316	15.96243	17.30328

#1	.0014369	.0011829	.4968419	.0012239	.0071502	.0080595	.0256714
#2	.0013469	.0011538	.5067449	.0016971	.0068460	.0077451	.0308227
#3	.0014011	.0012204	.4903814	.0022016	.0071792	.0059189	.0363826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055918	.4755882	.0092656	.0034403	.3469618	.0081555	.0111631
Stddev	.0001366	.0049120	.0001510	.0002586	.0764598	.0009595	.0019040
%RSD	2.443867	1.032826	1.629685	7.515918	22.03694	11.76449	17.05600

#1	.0055596	.4726436	.0091751	.0032584	.3668288	.0092461	.0127052
#2	.0057416	.4728624	.0091819	.0037363	.2625295	.0077787	.0090350
#3	.0054740	.4812587	.0094400	.0033263	.4115272	.0074416	.0117490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3659344	.0044222	.0276691	.0522144	.0109082	.1011359	.0076516
Stddev	.0130245	.0011678	.0004502	.0001963	.0027673	.0005716	.0004970
%RSD	3.559231	26.40775	1.627155	.3759612	25.36943	.5651513	6.495971

#1	.3757265	.0030786	.0280639	.0523681	.0102525	.1007334	.0070950
#2	.3709238	.0051934	.0271788	.0519932	.0139444	.1017901	.0080511
#3	.3511529	.0049946	.0277647	.0522818	.0085275	.1008841	.0078087

Sample Name: WATER MDL#4 Acquired: 11/21/2017 13:44:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103668	-.004278	.0053512
Stddev	.0002244	.001122	.0000174
%RSD	2.164867	26.21533	.3246328

#1	.0104262	-.004460	.0053311
#2	.0101186	-.005297	.0053606
#3	.0105555	-.003077	.0053618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.940	2509.559	44845.82	6392.875	3780.090
Stddev	2.206	4.535	89.23	34.796	4.355
%RSD	.1496895	.1807201	.1989641	.5442887	.1152164

#1	1471.504	2504.973	44743.02	6364.908	3775.108
#2	1475.805	2514.041	44891.31	6381.877	3781.985
#3	1474.511	2509.662	44903.14	6431.841	3783.177

Sample Name: WATER MDL#5 Acquired: 11/21/2017 13:48:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065849	.0108238	.0033402	.0045882	.0097446	.0231952	.0234170
Stddev	.0002960	.0018413	.0003890	.0005866	.0001585	.0049459	.0004046
%RSD	4.494861	17.01188	11.64633	12.78435	1.626215	21.32285	1.727950

#1	.0062613	.0087709	.0029171	.0039140	.0096305	.0285216	.0232577
#2	.0066513	.0123294	.0036823	.0049817	.0096777	.0187476	.0231162
#3	.0068420	.0113710	.0034212	.0048689	.0099255	.0223165	.0238770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013771	.0012625	.5050049	.0021826	.0071423	.0067788	.0358411
Stddev	.0000539	.0000354	.0050362	.0002859	.0000923	.0018150	.0017274
%RSD	3.913099	2.802394	.9972638	13.09877	1.292737	26.77526	4.819489

#1	.0013617	.0013019	.5034855	.0022931	.0070698	.0046847	.0355898
#2	.0013327	.0012518	.5106259	.0023968	.0071109	.0077522	.0376804
#3	.0014371	.0012336	.5009034	.0018580	.0072463	.0078996	.0342532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054799	.4666932	.0091856	.0032026	.4384965	.0085270	.0110881
Stddev	.0000427	.0167742	.0002203	.0002656	.0525200	.0011560	.0008361
%RSD	.7785468	3.594258	2.398631	8.293519	11.97729	13.55683	7.540659

#1	.0054309	.4661752	.0089324	.0029394	.4337955	.0093706	.0109023
#2	.0055086	.4501841	.0092910	.0034705	.4932090	.0090010	.0103604
#3	.0055003	.4837204	.0093334	.0031978	.3884851	.0072093	.0120014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3871347	.0050257	.0270294	.0530546	.0089943	.1028864	.0086318
Stddev	.0175019	.0007915	.0003154	.0004071	.0015279	.0007117	.0012959
%RSD	4.520881	15.74995	1.166973	.7673081	16.98748	.6917561	15.01352

#1	.3670480	.0057111	.0273329	.0534897	.0106100	.1037069	.0099841
#2	.3952515	.0041594	.0270521	.0529912	.0088003	.1024361	.0074008
#3	.3991045	.0052065	.0267032	.0526830	.0075727	.1025161	.0085105

Sample Name: WATER MDL#5 Acquired: 11/21/2017 13:48:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100541	-.005216	.0053969
Stddev	.0007309	.000601	.0000200
%RSD	7.270183	11.51993	.3709336

#1	.0108913	-.004755	.0053807
#2	.0095429	-.005895	.0054193
#3	.0097280	-.004996	.0053907

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.174	2514.326	45070.64	6430.439	3786.565
Stddev	1.328	7.921	49.48	48.719	10.498
%RSD	.0901257	.3150482	.1097723	.7576296	.2772385

#1	1474.291	2506.886	45127.01	6414.226	3777.157
#2	1473.526	2513.438	45050.53	6485.197	3784.649
#3	1471.706	2522.654	45034.39	6391.894	3797.889

Sample Name: WATER MDL#6 Acquired: 11/21/2017 13:52:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069926	.0108708	.0032886	.0062903	.0101394	.0231746	.0234947
Stddev	.0038377	.0002849	.0007597	.0007180	.0008845	.0033291	.0001136
%RSD	54.88272	2.620739	23.10006	11.41396	8.723494	14.36535	.4837010

#1	.0103927	.0106071	.0024211	.0070967	.0102107	.0264253	.0236106
#2	.0077538	.0111729	.0036096	.0057206	.0092214	.0233261	.0233834
#3	.0028313	.0108324	.0038350	.0060535	.0109861	.0197723	.0234902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014016	.0012826	.4967380	.0022281	.0073019	.0078715	.0338486
Stddev	.0000177	.0000538	.0072607	.0001957	.0002062	.0011114	.0031058
%RSD	1.265296	4.192398	1.461676	8.781810	2.823975	14.11974	9.175605

#1	.0013950	.0013273	.4886449	.0022921	.0075084	.0087962	.0365686
#2	.0013881	.0012975	.5026804	.0023837	.0073015	.0066385	.0345126
#3	.0014217	.0012229	.4988887	.0020084	.0070960	.0081799	.0304644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055782	.4770798	.0089842	.0034553	.3480540	.0077218	.0091263
Stddev	.0006127	.0220356	.0002312	.0001964	.0799284	.0010836	.0000774
%RSD	10.98331	4.618854	2.572893	5.683232	22.96436	14.03308	.8481718

#1	.0060218	.4784232	.0092053	.0033333	.2695883	.0075150	.0092115
#2	.0058336	.4984129	.0087441	.0033507	.4293689	.0088939	.0091071
#3	.0048791	.4544031	.0090031	.0036818	.3452047	.0067566	.0090603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3805107	.0051871	.0275957	.0528010	.0075302	.1037075	.0082985
Stddev	.0339263	.0009074	.0012352	.0005311	.0010111	.0013391	.0008187
%RSD	8.915984	17.49450	4.476023	1.005858	13.42678	1.291259	9.865857

#1	.3827547	.0062336	.0286824	.0533048	.0067523	.1035698	.0092438
#2	.4132593	.0046185	.0262524	.0528520	.0086731	.1024426	.0078137
#3	.3455181	.0047090	.0278523	.0522463	.0071653	.1051102	.0078381

Sample Name: WATER MDL#6 Acquired: 11/21/2017 13:52:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105526	-.005748	.0053967
Stddev	.0005345	.000206	.0000461
%RSD	5.065092	3.577685	.8546595

#1	.0110110	-.005778	.0054473
#2	.0099655	-.005529	.0053569
#3	.0106813	-.005937	.0053860

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.051	2524.772	44797.63	6382.530	3797.710
Stddev	3.514	15.352	63.24	30.014	19.126
%RSD	.2385362	.6080544	.1411682	.4702464	.5036266

#1	1471.043	2512.575	44772.57	6361.842	3777.991
#2	1477.108	2519.731	44869.56	6416.953	3798.955
#3	1471.001	2542.011	44750.77	6368.793	3816.183

Sample Name: WATER MDL#7 Acquired: 11/21/2017 13:56:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069287	.0094314	.0020767	.0027529	.0100607	.0221261	.0211404
Stddev	.0016459	.0023491	.0006440	.0014572	.0007105	.0050636	.0003816
%RSD	23.75413	24.90724	31.01410	52.93268	7.061690	22.88522	1.804997

#1	.0056903	.0100080	.0019102	.0043425	.0099771	.0276352	.0215469
#2	.0087964	.0068477	.0027876	.0024360	.0093957	.0210678	.0207899
#3	.0062995	.0114385	.0015322	.0014803	.0108093	.0176752	.0210845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011591	.0011009	.4564084	.0020848	.0067015	.0068092	.0255697
Stddev	.0000678	.0001086	.0082215	.0000406	.0001219	.0002265	.0031442
%RSD	5.851917	9.865426	1.801341	1.946547	1.819104	3.326309	12.29639

#1	.0010813	.0011295	.4469251	.0021307	.0068366	.0065714	.0219484
#2	.0012061	.0011923	.4607718	.0020700	.0065997	.0068338	.0271569
#3	.0011899	.0009808	.4615284	.0020537	.0066682	.0070224	.0276039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050841	.4151066	.0082981	.0031870	.3068139	.0076933	.0111115
Stddev	.0003745	.0301238	.0002112	.0001337	.0484152	.0013409	.0009985
%RSD	7.366913	7.256878	2.545687	4.195755	15.77999	17.42919	8.986605

#1	.0054579	.4404548	.0080683	.0030643	.3559279	.0088578	.0113656
#2	.0047088	.4230610	.0083423	.0031670	.3053846	.0079948	.0100105
#3	.0050856	.3818038	.0084838	.0033295	.2591291	.0062274	.0119585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3535747	.0044249	.0247710	.0469023	.0083067	.0925475	.0069048
Stddev	.0172034	.0011928	.0012902	.0002571	.0027732	.0009843	.0014111
%RSD	4.865569	26.95700	5.208544	.5480897	33.38448	1.063539	20.43592

#1	.3340446	.0036282	.0250974	.0471891	.0112413	.0936749	.0085340
#2	.3664843	.0038503	.0233490	.0468252	.0079493	.0918594	.0060698
#3	.3601952	.0057963	.0258667	.0466926	.0057296	.0921082	.0061106

Sample Name: WATER MDL#7 Acquired: 11/21/2017 13:56:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090604	-.006120	.0048619
Stddev	.0007022	.000583	.0000098
%RSD	7.750018	9.520411	.2009373

#1	.0097664	-.006699	.0048509
#2	.0083621	-.005534	.0048696
#3	.0090527	-.006128	.0048651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.408	2553.916	45137.16	6399.771	3831.269
Stddev	10.676	10.787	104.65	35.923	19.767
%RSD	.7197168	.4223800	.2318507	.5613119	.5159463

#1	1475.797	2543.011	45038.99	6434.150	3809.407
#2	1495.613	2554.156	45247.27	6362.482	3836.516
#3	1478.815	2564.581	45125.21	6402.681	3847.883

Sample Name: PBS Acquired: 11/21/2017 14:00:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000793	-.000140	-.000422	.0010762	-.002386	.0021600	-.000922
Stddev	.0013628	.001098	.001205	.0020206	.000648	.0063916	.000153
%RSD	1718.854	782.5851	285.8650	187.7590	27.15880	295.9040	16.61181

#1	-.001140	.001093	-.001666	.0032048	-.003071	-.004774	-.001081
#2	-.000172	-.001014	.000740	.0008393	-.002306	.003437	-.000910
#3	.001550	-.000499	-.000339	-.000816	-.001782	.007816	-.000775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000224	-.000087	.0108166	-.000179	.0000831	.0034031	.0018215
Stddev	.0000438	.000060	.0021006	.000224	.0000386	.0005391	.0097897
%RSD	195.1382	69.03878	19.41966	125.3553	46.38432	15.84145	537.4452

#1	-.000027	-.000141	.0084012	-.000438	.0001237	.0038929	-.009453
#2	.000038	-.000096	.0122162	-.000057	.0000469	.0028255	.008171
#3	.000056	-.000023	.0118323	-.000042	.0000788	.0034909	.006747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	.0247705	.0000929	.0003991	-.197671	-.002013	.0006494
Stddev	.000451	.0244676	.0003247	.0002203	.080897	.001889	.0019480
%RSD	675.9283	98.77697	349.6055	55.19523	40.92515	93.82551	299.9874

#1	.000138	.0187993	-.000247	.0004693	-.105373	-.002398	.0022056
#2	.000245	.0516710	.000125	.0001523	-.231364	-.003679	-.001535
#3	-.000584	.0038413	.000400	.0005757	-.256277	.000039	.001278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077907	-.000070	-.001359	-.000167	.0065467	-.000676	-.000357
Stddev	.013933	.000759	.000509	.000097	.0063469	.000704	.000597
%RSD	17.88441	1084.946	37.45644	58.02492	96.94817	104.2268	167.0259

#1	-.075063	-.000024	-.001927	-.000085	.0029243	-.000443	.000332
#2	-.093042	.000665	-.000944	-.000141	.0028405	-.001467	-.000713
#3	-.065615	-.000851	-.001206	-.000274	.0138753	-.000117	-.000690

Sample Name: PBS Acquired: 11/21/2017 14:00:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000118	-.010060	-.000070
Stddev	.000286	.000903	.000042
%RSD	242.7923	8.979731	59.21907

#1	.000105	-.010216	-.000025
#2	-.000441	-.009088	-.000080
#3	-.000018	-.010874	-.000106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.721	2583.771	45319.90	6499.396	3898.972
Stddev	15.880	15.518	462.87	10.353	18.203
%RSD	1.065268	.6006072	1.021345	.1592941	.4668770

#1	1501.555	2566.841	45627.19	6503.266	3878.277
#2	1498.115	2587.152	45544.97	6507.257	3906.136
#3	1472.491	2597.320	44787.53	6487.666	3912.504

Sample Name: LCSS Acquired: 11/21/2017 14:04:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213790	.0566813	.0189117	.0712435	.1189552	.4012537
Stddev	.0038953	.0021478	.0005808	.0026610	.0010960	.0074323
%RSD	18.22032	3.789239	3.070993	3.735126	.9213725	1.852283

#1	.0230255	.0545764	.0183865	.0708415	.1199710	.4053153
#2	.0241808	.0565981	.0195354	.0740827	.1191010	.3926756
#3	.0169308	.0588696	.0188131	.0688063	.1177935	.4057702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3803531	.0094644	.0092479	9.564810	.0215300	.0933703
Stddev	.0018771	.0001023	.0000779	.120776	.0004665	.0002133
%RSD	.4935249	1.081152	.8421679	1.262713	2.166581	.2284197

#1	.3789786	.0095412	.0091585	9.497909	.0211828	.0935374
#2	.3795889	.0093482	.0092840	9.492290	.0220602	.0931301
#3	.3824918	.0095037	.0093013	9.704233	.0213469	.0934434

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526339	.2212165	.0314657	9.430927	.0711459	.0240573
Stddev	.0014635	.0028811	.0002291	.088989	.0004310	.0001197
%RSD	2.780602	1.302373	.7279754	.9435923	.6057659	.4976417

#1	.0534463	.2234858	.0315524	9.378156	.0715656	.0240128
#2	.0535110	.2221886	.0312060	9.380955	.0707044	.0241929
#3	.0509444	.2179752	.0316388	9.533671	.0711678	.0239662

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.174798	.0967024	.1253774	8.725834	.0237413	F .0216031
Stddev	.078954	.0019308	.0011541	.040078	.0020415	.0007646
%RSD	.8605564	1.996638	.9205210	.4593075	8.599011	3.539292

#1	9.156387	.0944836	.1256175	8.765825	.0231571	.0223367
#2	9.106676	.0976231	.1241222	8.685668	.0260112	.0208109
#3	9.261331	.0980005	.1263927	8.726008	.0220555	.0216618

Sample Name: LCSS Acquired: 11/21/2017 14:04:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205652	.1792680	.2025666	F .0111991	.1995696	.0811132
Stddev	.0001161	.0016738	.0009443	.0004395	.0016705	.0006277
%RSD	.5644705	.9336884	.4661542	3.924294	.8370625	.7738974

#1	.0206822	.1791946	.2029331	.0106976	.1977721	.0813811
#2	.0204500	.1809773	.2014941	.0113824	.1998620	.0803960
#3	.0205632	.1776321	.2032727	.0115172	.2010746	.0815625

Elem	Sr4077
Units	ppm
Avg	.2015635
Stddev	.0001490
%RSD	.0739132

#1	.2014108
#2	.2015714
#3	.2017084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.156	2490.850	43772.88	6367.100	3626.593
Stddev	2.132	8.520	80.72	50.228	7.850
%RSD	.1466925	.3420475	.1844000	.7888649	.2164556

#1	1451.070	2483.356	43715.96	6372.836	3617.967
#2	1455.330	2489.078	43865.25	6414.213	3628.494
#3	1453.068	2500.117	43737.42	6314.250	3633.318

Sample Name: SOIL MDL#1 Acquired: 11/21/2017 14:08:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054166	.0096354	.0025075	.0041737	.0085669	.0245414	.0208706
Stddev	.0024203	.0014660	.0001411	.0013052	.0013025	.0014652	.0001884
%RSD	44.68410	15.21453	5.626519	31.27202	15.20419	5.970193	.9027605

#1	.0032256	.0106937	.0024355	.0027725	.0077882	.0253739	.0210816
#2	.0050094	.0102504	.0026701	.0053550	.0078418	.0228496	.0207190
#3	.0080147	.0079621	.0024170	.0043936	.0100706	.0254007	.0208112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012182	.0011202	.4727129	.0017899	.0064713	.0073196	.0269670
Stddev	.0000189	.0001323	.0063833	.0002289	.0001215	.0012249	.0035304
%RSD	1.548682	11.81354	1.350354	12.78924	1.876870	16.73458	13.09162

#1	.0012400	.0009871	.4798027	.0020422	.0065007	.0078889	.0236557
#2	.0012082	.0011218	.4674224	.0017319	.0063379	.0081562	.0306818
#3	.0012064	.0012518	.4709135	.0015955	.0065754	.0059136	.0265636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050964	.4246228	.0081230	.0032031	.3472881	.0091393	.0086340
Stddev	.0001777	.0157733	.0001578	.0000642	.0452108	.0009758	.0049949
%RSD	3.486384	3.714661	1.942678	2.004594	13.01824	10.67665	57.85188

#1	.0052563	.4288801	.0080867	.0031305	.3206735	.0080294	.0040726
#2	.0051278	.4378304	.0079866	.0032523	.3994897	.0095264	.0139716
#3	.0049051	.4071578	.0082959	.0032265	.3217012	.0098622	.0078577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3738649	.0047215	.0234443	.0476398	.0076039	.0927800	.0073197
Stddev	.0187277	.0005372	.0001309	.0003328	.0028812	.0011756	.0012194
%RSD	5.009206	11.37761	.5581583	.6985497	37.89042	1.267114	16.65882

#1	.3863663	.0050720	.0234169	.0479703	.0100712	.0941025	.0078731
#2	.3523331	.0041031	.0235866	.0476442	.0083031	.0918536	.0059217
#3	.3828954	.0049895	.0233292	.0473048	.0044375	.0923838	.0081642

Sample Name: SOIL MDL#1 Acquired: 11/21/2017 14:08:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089555	-.006780	.0048060
Stddev	.0004110	.000248	.0000784
%RSD	4.589182	3.661812	1.630394

#1	.0089113	-.006836	.0048965
#2	.0085685	-.006996	.0047624
#3	.0093869	-.006509	.0047591

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.269	2522.369	44755.28	6389.753	3799.562
Stddev	9.360	5.127	102.05	58.313	3.823
%RSD	.6327363	.2032607	.2280106	.9126055	.1006156

#1	1487.341	2517.014	44842.76	6326.243	3795.713
#2	1469.009	2522.860	44643.17	6440.881	3799.616
#3	1481.457	2527.233	44779.90	6402.136	3803.358

Sample Name: SOIL MDL#2 Acquired: 11/21/2017 14:13:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062312	.0113428	.0028941	.0040146	.0099489	.0219709	.0222516
Stddev	.0027886	.0018173	.0001556	.0022122	.0008886	.0043244	.0000781
%RSD	44.75256	16.02133	5.374912	55.10334	8.931295	19.68238	.3509291

#1	.0030914	.0123156	.0028406	.0055442	.0109590	.0211506	.0222521
#2	.0084198	.0092462	.0027724	.0050215	.0092878	.0266466	.0223295
#3	.0071822	.0124665	.0030694	.0014781	.0095999	.0181153	.0221733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012943	.0011893	.4896776	.0018552	.0068337	.0082510	.0266601
Stddev	.0000760	.0001294	.0060614	.0003600	.0002099	.0004038	.0004426
%RSD	5.873898	10.88356	1.237828	19.40583	3.071397	4.893867	1.660287

#1	.0012095	.0013229	.4898450	.0021519	.0070693	.0078438	.0261523
#2	.0013564	.0011804	.4835343	.0014547	.0066669	.0086513	.0269644
#3	.0013169	.0010645	.4956535	.0019591	.0067648	.0082580	.0268636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050551	.4327576	.0082660	.0031439	.3156635	.0075593	.0097920
Stddev	.0001900	.0171751	.0001324	.0003334	.0912833	.0028870	.0029108
%RSD	3.758726	3.968750	1.601909	10.60493	28.91792	38.19157	29.72632

#1	.0052727	.4181041	.0083477	.0028433	.2114708	.0049212	.0076397
#2	.0049705	.4285112	.0083371	.0035025	.3815639	.0106434	.0131039
#3	.0049220	.4516576	.0081132	.0030859	.3539559	.0071134	.0086325

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3580315	.0051126	.0248349	.0496450	.0076605	.0974498	.0071598
Stddev	.0229376	.0008024	.0004110	.0004514	.0007448	.0006640	.0007819
%RSD	6.406581	15.69408	1.655147	.9093376	9.722545	.6813486	10.92125

#1	.3618548	.0060385	.0245362	.0501223	.0074723	.0981979	.0066957
#2	.3334225	.0046201	.0246646	.0492249	.0084814	.0972212	.0067211
#3	.3788172	.0046792	.0253037	.0495877	.0070279	.0969304	.0080626

Sample Name: SOIL MDL#2 Acquired: 11/21/2017 14:13:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0095408	-.006415	.0050777
Stddev	.0002255	.000441	.0000453
%RSD	2.363222	6.874053	.8926731

#1	.0096448	-.006274	.0050344
#2	.0092821	-.006909	.0050740
#3	.0096955	-.006062	.0051248

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.434	2520.895	44375.24	6338.706	3784.406
Stddev	2.646	7.428	68.37	19.323	14.053
%RSD	.1810709	.2946475	.1540787	.3048359	.3713350

#1	1459.240	2513.138	44298.85	6359.785	3768.426
#2	1460.689	2527.943	44396.13	6334.500	3794.838
#3	1464.373	2521.604	44430.72	6321.832	3789.954

Sample Name: SOIL MDL#3 Acquired: 11/21/2017 14:17:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077496	.0112596	.0038085	.0039499	.0110251	.0402373	.0238515
Stddev	.0009726	.0004925	.0013393	.0028712	.0009518	.0068861	.0002242
%RSD	12.55041	4.373711	35.16595	72.68987	8.633395	17.11381	.9400646

#1	.0086744	.0115696	.0052137	.0048517	.0120649	.0477546	.0240797
#2	.0078390	.0115175	.0036651	.0007361	.0101968	.0387231	.0236314
#3	.0067354	.0106918	.0025467	.0062620	.0108137	.0342343	.0238434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013998	.0012965	.5163874	.0019073	.0073936	.0073072	.0286192
Stddev	.0000546	.0000812	.0063653	.0003123	.0001768	.0007886	.0024560
%RSD	3.902023	6.264773	1.232653	16.37588	2.391267	10.79228	8.581494

#1	.0013634	.0013874	.5217132	.0022190	.0075950	.0070487	.0287983
#2	.0013733	.0012312	.5093377	.0015944	.0073220	.0081926	.0309807
#3	.0014626	.0012707	.5181112	.0019087	.0072639	.0066803	.0260786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059568	.4664203	.0090904	.0031768	.3199060	.0087545	.0215803
Stddev	.0007609	.0037789	.0003370	.0000451	.0698319	.0021702	.0022193
%RSD	12.77364	.8101927	3.707441	1.419813	21.82889	24.78951	10.28385

#1	.0055318	.4653421	.0094322	.0031288	.2450839	.0105859	.0214424
#2	.0068352	.4632976	.0090806	.0031832	.3312834	.0093201	.0194332
#3	.0055032	.4706211	.0087584	.0032184	.3833506	.0063575	.0238653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3604249	.0067972	.0271688	.0537840	.0140954	.1052516	.0084343
Stddev	.0232693	.0013267	.0004315	.0004818	.0032710	.0011460	.0001823
%RSD	6.456070	19.51746	1.588050	.8957497	23.20642	1.088856	2.161872

#1	.3596461	.0063527	.0276549	.0537608	.0113457	.1065629	.0085126
#2	.3375548	.0057499	.0268311	.0542769	.0177127	.1047504	.0082259
#3	.3840738	.0082891	.0270205	.0533142	.0132276	.1044416	.0085645

Sample Name: SOIL MDL#3 Acquired: 11/21/2017 14:17:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0106822	-.006189	.0054962
Stddev	.0001114	.000792	.0000686
%RSD	1.042487	12.79535	1.248826

#1	.0106258	-.007099	.0054275
#2	.0106102	-.005812	.0054964
#3	.0108104	-.005657	.0055647

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.758	2499.678	44099.76	6331.341	3754.363
Stddev	8.312	18.158	131.86	26.217	22.796
%RSD	.5741510	.7264244	.2990111	.4140788	.6071984

#1	1444.886	2482.679	43967.18	6301.295	3734.120
#2	1441.263	2497.547	44230.90	6349.566	3749.912
#3	1457.126	2518.807	44101.19	6343.162	3779.056

Sample Name: SOIL MDL#4 Acquired: 11/21/2017 14:21:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029997	.0096036	.0020304	.0043269	.0091267	.0198572	.0214299
Stddev	.0018612	.0005866	.0003177	.0016001	.0009049	.0034182	.0002756
%RSD	62.04525	6.108124	15.64596	36.98073	9.914516	17.21378	1.285968

#1	.0013449	.0099534	.0020324	.0042909	.0097121	.0207489	.0213601
#2	.0026397	.0089264	.0023470	.0027451	.0080845	.0160816	.0217336
#3	.0050146	.0099311	.0017117	.0059448	.0095835	.0227412	.0211959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012811	.0011985	.4595397	.0020102	.0064934	.0073094	.0284468
Stddev	.0000874	.0001237	.0052169	.0003134	.0001833	.0004485	.0062688
%RSD	6.820465	10.32042	1.135238	15.58826	2.822295	6.136338	22.03689

#1	.0011923	.0010731	.4540400	.0016829	.0067050	.0073854	.0246593
#2	.0012842	.0012020	.4644181	.0020402	.0063897	.0077151	.0249984
#3	.0013669	.0013205	.4601610	.0023075	.0063856	.0068277	.0356828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053885	.4409886	.0080121	.0029386	.2518281	.0086275	.0074847
Stddev	.0002344	.0321474	.0003322	.0004791	.1334088	.0001022	.0011338
%RSD	4.349815	7.289845	4.146442	16.30396	52.97614	1.184463	15.14814

#1	.0051421	.4754647	.0082463	.0032611	.3820791	.0087088	.0074737
#2	.0054148	.4118339	.0076319	.0031667	.2579342	.0085128	.0063565
#3	.0056087	.4356674	.0081582	.0023881	.1154711	.0086609	.0086240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3421750	.0041176	.0244069	.0472872	.0093571	.0946084	.0068992
Stddev	.0169900	.0012724	.0002971	.0004961	.0025931	.0011759	.0005052
%RSD	4.965297	30.90217	1.217226	1.049092	27.71232	1.242856	7.321818

#1	.3226934	.0028678	.0244156	.0474890	.0063678	.0940130	.0063479
#2	.3539181	.0054115	.0241055	.0467220	.0107034	.0938493	.0070100
#3	.3499136	.0040736	.0246995	.0476505	.0110001	.0959629	.0073398

Sample Name: SOIL MDL#4 Acquired: 11/21/2017 14:21:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089048	-.006501	.0048989
Stddev	.0003627	.000634	.0000791
%RSD	4.073303	9.759298	1.615036

#1	.0090981	-.005797	.0048081
#2	.0084864	-.007029	.0049531
#3	.0091299	-.006676	.0049355

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.195	2556.480	44459.22	6317.795	3828.902
Stddev	9.899	19.578	235.85	37.309	22.357
%RSD	.6728340	.7658154	.5304753	.5905440	.5839008

#1	1461.932	2533.945	44422.78	6340.471	3804.893
#2	1470.028	2566.188	44243.72	6338.180	3849.122
#3	1481.626	2569.307	44711.16	6274.734	3832.691

Sample Name: SOIL MDL#5 Acquired: 11/21/2017 14:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054073	.0090114	.0026062	.0046231	.0092572	.0216396	.0211682
Stddev	.0007970	.0019015	.0004268	.0011708	.0008688	.0015230	.0002357
%RSD	14.73918	21.10067	16.37597	25.32541	9.385276	7.038164	1.113660

#1	.0056808	.0080187	.0029895	.0058361	.0087143	.0230467	.0210144
#2	.0045096	.0112037	.0021463	.0045335	.0102592	.0200224	.0210507
#3	.0060316	.0078116	.0026829	.0034996	.0087981	.0218496	.0214396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012631	.0011692	.4777468	.0020259	.0064577	.0075891	.0248082
Stddev	.0000513	.0000998	.0073169	.0003194	.0003093	.0018678	.0024358
%RSD	4.060135	8.538098	1.531535	15.76749	4.789602	24.61218	9.818494

#1	.0012762	.0012323	.4743355	.0023176	.0061048	.0096111	.0250322
#2	.0013065	.0010541	.4727584	.0016846	.0066816	.0059283	.0271243
#3	.0012065	.0012213	.4861463	.0020757	.0065868	.0072277	.0222682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050740	.4193852	.0084998	.0030953	.2902110	.0081754	.0109368
Stddev	.0006788	.0079712	.0000491	.0004172	.1142664	.0010618	.0014639
%RSD	13.37729	1.900681	.5779360	13.47971	39.37354	12.98719	13.38544

#1	.0058578	.4284373	.0084437	.0034096	.2869956	.0074301	.0093479
#2	.0046841	.4134155	.0085352	.0026219	.4060511	.0077050	.0122309
#3	.0046802	.4163027	.0085204	.0032543	.1775863	.0093911	.0112316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3321567	.0054411	.0233110	.0471492	.0086355	.0950653	.0068641
Stddev	.0054042	.0011879	.0004904	.0006305	.0052720	.0007476	.0004576
%RSD	1.626999	21.83256	2.103779	1.337244	61.04973	.7863897	6.667099

#1	.3260437	.0065899	.0237002	.0478423	.0055544	.0952813	.0070931
#2	.3362987	.0042175	.0227601	.0469957	.0147229	.0956812	.0071620
#3	.3341277	.0055159	.0234725	.0466096	.0056293	.0942336	.0063371

Sample Name: SOIL MDL#5 Acquired: 11/21/2017 14:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0096384	-.006732	.0048316
Stddev	.0004879	.000212	.0000478
%RSD	5.061770	3.155897	.9903892

#1	.0095157	-.006907	.0048235
#2	.0092236	-.006794	.0047884
#3	.0101759	-.006496	.0048830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.892	2604.762	45713.68	6447.580	3896.250
Stddev	14.900	17.212	374.66	39.733	16.160
%RSD	.9842210	.6607719	.8195745	.6162480	.4147532

#1	1505.303	2585.762	45416.15	6422.318	3880.294
#2	1505.277	2609.212	45590.46	6427.043	3895.849
#3	1531.098	2619.311	46134.43	6493.378	3912.606

Sample Name: SOIL MDL#6 Acquired: 11/21/2017 14:29:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059863	.0098866	.0039097	.0033248	.0098061	.0345678	.0226566
Stddev	.0003446	.0005769	.0005400	.0013940	.0010365	.0007143	.0001977
%RSD	5.755729	5.835239	13.81145	41.92901	10.57024	2.066404	.8725526

#1	.0056158	.0093467	.0034732	.0024673	.0087937	.0351462	.0227234
#2	.0062971	.0104945	.0037424	.0049333	.0108652	.0347879	.0228123
#3	.0060459	.0098186	.0045135	.0025737	.0097594	.0337694	.0224342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013431	.0012131	.5081534	.0024124	.0070925	.0069722	.0305787
Stddev	.0000223	.0000705	.0100129	.0006691	.0000716	.0013608	.0086965
%RSD	1.661071	5.811220	1.970454	27.73348	1.009697	19.51786	28.43987

#1	.0013316	.0012854	.5161254	.0018411	.0070195	.0077440	.0406165
#2	.0013688	.0011446	.5114196	.0022477	.0071627	.0077716	.0253128
#3	.0013289	.0012093	.4969152	.0031485	.0070951	.0054009	.0258068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057300	.4684989	.0086254	.0031535	.2263535	.0074517	.0160324
Stddev	.0002016	.0105507	.0001671	.0000792	.0429252	.0006853	.0008391
%RSD	3.519121	2.252034	1.937375	2.511495	18.96378	9.197081	5.233789

#1	.0055034	.4587548	.0087571	.0030830	.1789541	.0079718	.0150806
#2	.0057969	.4670379	.0086818	.0032392	.2375013	.0077083	.0163514
#3	.0058897	.4797040	.0084374	.0031382	.2626049	.0066751	.0166652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3645525	.0053995	.0255697	.0506758	.0129908	.1030842	.0076947
Stddev	.0206308	.0018804	.0005473	.0003479	.0022820	.0017267	.0002073
%RSD	5.659215	34.82566	2.140479	.6865886	17.56617	1.675006	2.694202

#1	.3450316	.0074399	.0260623	.0505917	.0131513	.1033158	.0078191
#2	.3861380	.0050223	.0249805	.0503776	.0151883	.1012534	.0074554
#3	.3624878	.0037363	.0256665	.0510580	.0106328	.1046834	.0078097

Sample Name: SOIL MDL#6 Acquired: 11/21/2017 14:29:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0106127	-.006298	.0052138
Stddev	.0001257	.000489	.0000565
%RSD	1.184417	7.772189	1.084581

#1	.0105374	-.006621	.0052791
#2	.0105429	-.006538	.0051836
#3	.0107578	-.005735	.0051788

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.883	2525.287	44384.75	6245.079	3777.610
Stddev	36.086	12.213	972.92	18.472	18.187
%RSD	2.468446	.4836470	2.192009	.2957814	.4814394

#1	1449.061	2512.182	44191.04	6241.042	3757.331
#2	1502.628	2536.352	45439.95	6228.959	3792.476
#3	1433.959	2527.326	43523.25	6265.235	3783.024

Sample Name: SOIL MDL#7 Acquired: 11/21/2017 14:34:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054005	.0098441	.0026397	.0039335	.0096502	.0245947	.0214024
Stddev	.0017199	.0008351	.0000595	.0007857	.0009011	.0018954	.0001069
%RSD	31.84801	8.483575	2.252108	19.97546	9.337953	7.706649	.4995261

#1	.0034218	.0107913	.0026325	.0042337	.0100814	.0224630	.0213373
#2	.0062420	.0092137	.0025841	.0045249	.0086145	.0252309	.0215258
#3	.0065375	.0095274	.0027024	.0030419	.0102547	.0260901	.0213441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015301	.0011947	.4711286	.0021589	.0068587	.0061012	.0306848
Stddev	.0000653	.0000524	.0127012	.0002068	.0001324	.0017196	.0081338
%RSD	4.269345	4.389680	2.695911	9.576633	1.931160	28.18524	26.50761

#1	.0015811	.0012499	.4832398	.0022159	.0069178	.0068450	.0399272
#2	.0014565	.0011889	.4579099	.0023312	.0069513	.0073238	.0246172
#3	.0015528	.0011455	.4722362	.0019297	.0067070	.0041349	.0275099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052533	.4389548	.0082619	.0030833	.3191394	.0088853	.0127500
Stddev	.0001886	.0048606	.0000798	.0001388	.0401536	.0014049	.0024596
%RSD	3.589692	1.107309	.9658333	4.502706	12.58184	15.81171	19.29094

#1	.0050395	.4409319	.0083450	.0029683	.3109495	.0096726	.0127187
#2	.0053959	.4334172	.0082550	.0030442	.2837121	.0072633	.0103062
#3	.0053246	.4425152	.0081858	.0032375	.3627566	.0097200	.0152251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3144005	.0041499	.0240886	.0492585	.0063779	.0958459	.0080568
Stddev	.0464693	.0011493	.0003756	.0003873	.0047734	.0009848	.0006542
%RSD	14.78029	27.69497	1.559165	.7862981	74.84258	1.027440	8.120251

#1	.2628540	.0036832	.0244272	.0488756	.0047667	.0960417	.0086401
#2	.3272661	.0033073	.0236846	.0496501	.0026185	.0947779	.0081809
#3	.3530815	.0054592	.0241538	.0492497	.0117483	.0967180	.0073494

Sample Name: SOIL MDL#7 Acquired: 11/21/2017 14:34:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0095165	-.007620	.0049631
Stddev	.0004432	.000224	.0000353
%RSD	4.656727	2.938262	.7116997

#1	.0098855	-.007561	.0049561
#2	.0090249	-.007432	.0049317
#3	.0096389	-.007868	.0050013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.262	2541.441	44841.53	6482.024	3820.695
Stddev	17.539	7.087	609.71	10.211	5.857
%RSD	1.181666	.2788402	1.359693	.1575327	.1532907

#1	1485.248	2549.400	45001.50	6471.640	3820.229
#2	1501.287	2535.815	45355.30	6492.053	3826.771
#3	1466.250	2539.108	44167.78	6482.380	3815.085

Sample Name: PBF AIR Acquired: 11/21/2017 14:39:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013675	-.000630	-.000398	.0006917	-.002300	.0015610	-.001127
Stddev	.0000978	.001757	.000629	.0027530	.000940	.0053153	.000094
%RSD	7.151351	279.0495	157.9908	398.0321	40.88664	340.4957	8.302190

#1	.0013809	-.002626	-.000827	.0020955	-.002012	.0061769	-.001224
#2	.0014578	.000057	-.000691	.0024597	-.001537	-.004250	-.001120
#3	.0012636	.000680	.000324	-.002480	-.003351	.002756	-.001037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000059	.0082935	-.000544	.0001324	.0030828	.0043593
Stddev	.000031	.000097	.0077123	.000283	.0002586	.0007303	.0074887
%RSD	461.2771	166.1736	92.99225	52.12611	195.2955	23.69044	171.7857

#1	.000008	-.000120	.0083712	-.000291	-.000022	.0027425	.0130008
#2	.000014	-.000109	.0159666	-.000850	-.000012	.0039212	-.000232
#3	-.000042	.000054	.0005426	-.000489	.000431	.0025847	.000309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000196	.0042246	-.000082	.0004123	-.074612	-.000235	-.000610
Stddev	.000411	.0186889	.000272	.0000514	.036777	.001502	.001441
%RSD	209.6205	442.3822	332.1131	12.47276	49.29124	637.9580	236.2064

#1	-.000207	-.002623	.000048	.0003552	-.039433	.001458	.000107
#2	.000220	-.010075	-.000395	.0004266	-.112803	-.001405	.000332
#3	-.000601	.025371	.000101	.0004551	-.071602	-.000760	-.002269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.084319	.0003719	-.002922	-.000109	.0038643	-.001476	-.000918
Stddev	.018142	.0009009	.000340	.000039	.0035005	.000600	.000880
%RSD	21.51536	242.2381	11.64132	35.49675	90.58601	40.66613	95.86839

#1	-.066517	-.000600	-.003198	-.000067	-.000171	-.001391	-.000133
#2	-.102782	.001180	-.003027	-.000143	.006085	-.000923	-.001869
#3	-.083658	.000535	-.002542	-.000117	.005679	-.002114	-.000751

Sample Name: PBF AIR Acquired: 11/21/2017 14:39:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000081	-.011629	-.000095
Stddev	.000210	.000582	.000037
%RSD	259.7901	5.006023	39.00649

#1	-.000074	-.011996	-.000063
#2	-.000295	-.011932	-.000086
#3	.000126	-.010958	-.000135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.496	2521.326	44193.84	6266.386	3791.221
Stddev	10.208	11.182	149.33	56.090	13.871
%RSD	.7022776	.4435057	.3379009	.8950856	.3658695

#1	1441.860	2514.641	44023.32	6294.233	3779.332
#2	1457.685	2515.101	44256.92	6303.102	3787.871
#3	1460.942	2534.235	44301.29	6201.822	3806.460

Sample Name: LCSS AIR Acquired: 11/21/2017 14:43:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208047	.0587479	.0219722	.0734482	.1216970	.4142205
Stddev	.0015827	.0012644	.0017239	.0033459	.0014973	.0075423
%RSD	7.607324	2.152289	7.845883	4.555468	1.230336	1.820839

#1	.0222289	.0596304	.0224852	.0762766	.1223794	.4208009
#2	.0191008	.0572993	.0233813	.0697547	.1227315	.4059896
#3	.0210844	.0593139	.0200500	.0743133	.1199801	.4158709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3964908	.0117662	.0097573	9.961566	.0225726	.0970594
Stddev	.0031572	.0000385	.0000523	.035092	.0002066	.0002545
%RSD	.7962730	.3272289	.5360055	.3522715	.9154414	.2622666

#1	.3978087	.0117954	.0098131	9.940573	.0226879	.0968621
#2	.3987755	.0117226	.0097492	10.00208	.0226959	.0973467
#3	.3928882	.0117808	.0097095	9.94205	.0223341	.0969693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536979	.2266812	.0326994	9.754612	.0742648	.0245681
Stddev	.0013846	.0040589	.0002919	.050502	.0004097	.0001807
%RSD	2.578490	1.790581	.8927404	.5177244	.5516229	.7354840

#1	.0540322	.2246835	.0323669	9.696328	.0741525	.0244313
#2	.0548847	.2313517	.0329139	9.782118	.0747188	.0247729
#3	.0521768	.2240082	.0328172	9.785390	.0739229	.0245000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.550288	.1209849	.1346911	9.019125	.0227512	F .0210309
Stddev	.185181	.0025734	.0009598	.015783	.0015588	.0005539
%RSD	1.939010	2.127053	.7125763	.1749928	6.851470	2.633661

#1	9.639305	.1204600	.1350549	9.037047	.0244043	.0213741
#2	9.674151	.1237802	.1336026	9.007298	.0225415	.0213266
#3	9.337408	.1187143	.1354158	9.013031	.0213079	.0203919

Sample Name: LCSS AIR Acquired: 11/21/2017 14:43:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215042	.1881579	.2089713	F .0138416	.2065190	.0830082
Stddev	.0003990	.0100902	.0007981	.0008511	.0007687	.0009151
%RSD	1.855244	5.362621	.3819213	6.148891	.3722296	1.102430

#1	.0219635	.1859874	.2080532	.0135420	.2072978	.0824215
#2	.0213053	.1991567	.2093608	.0131808	.2057607	.0840626
#3	.0212439	.1793296	.2094998	.0148020	.2064985	.0825404

Elem	Sr4077
Units	ppm
Avg	.2092780
Stddev	.0007277
%RSD	.3477224

#1	.2093119
#2	.2099882
#3	.2085339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.307	2463.572	43132.25	6314.516	3569.741
Stddev	9.171	11.912	193.01	8.989	14.046
%RSD	.6389257	.4835272	.4474812	.1423615	.3934666

#1	1425.999	2451.870	42955.38	6317.824	3564.831
#2	1444.333	2463.162	43338.12	6304.341	3558.809
#3	1435.589	2475.683	43103.24	6321.383	3585.582

Sample Name: CCV085 Acquired: 11/21/2017 14:47:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812409	4.666931	24.27743	4.908990	4.820076	391.1703
Stddev	.023214	.022999	.04128	.019221	.017024	4.3246
%RSD	.4823768	.4928028	.1700525	.3915462	.3531792	1.105558

#1	4.814718	4.684265	24.32464	4.895930	4.808686	395.9128
#2	4.834382	4.675689	24.24812	4.931061	4.839645	390.1531
#3	4.788127	4.640840	24.25951	4.899978	4.811896	387.4449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.455191	.5331782	2.460660	388.2843	14.86849	2.520488
Stddev	.073703	.0047118	.004026	.7639	.04098	.000802
%RSD	.7795022	.8837266	.1636287	.1967358	.2756347	.0318187

#1	9.537530	.5372298	2.461408	388.9777	14.86960	2.519652
#2	9.432663	.5342972	2.456312	388.4098	14.90890	2.521251
#3	9.395382	.5280076	2.464260	387.4655	14.82696	2.520560

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.27539	391.6532	14.45862	392.1487	2.279513	1.143726
Stddev	.07762	.6565	.02461	.7197	.002299	.003823
%RSD	.5437526	.1676289	.1702015	.1835275	.1008369	.3342846

#1	14.36498	391.9276	14.47538	392.8338	2.277116	1.139335
#2	14.22821	392.1280	14.47011	392.2134	2.281699	1.145521
#3	14.23298	390.9040	14.43037	391.3988	2.279724	1.146321

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.7260	2.701579	16.48991	139.6436	5.004246	F 4.089579
Stddev	1.6045	.010696	.06847	.6357	.029599	.036014
%RSD	.4247883	.3959084	.4151937	.4552424	.5914683	.8806335

#1	379.5696	2.701627	16.41657	140.3604	5.030555	4.126329
#2	376.9642	2.690860	16.50103	139.4225	5.009984	4.088057
#3	376.6443	2.712251	16.55214	139.1480	4.972199	4.054349

Sample Name: CCV085 Acquired: 11/21/2017 14:47:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.827064	5.016514	4.619633	5.228241	4.896051	4.793897
Stddev	.013046	.010680	.038945	.004425	.008318	.030641
%RSD	.2702585	.2129007	.8430415	.0846338	.1698999	.6391682

#1	4.820409	5.025184	4.656421	5.231184	4.905627	4.827037
#2	4.842094	5.019774	4.623637	5.223152	4.891913	4.788060
#3	4.818687	5.004583	4.578840	5.230386	4.890614	4.766594

Elem	Sr4077
Units	ppm
Avg	4.934268
Stddev	.037437
%RSD	.7587101

#1	4.897329
#2	4.972184
#3	4.933291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.685	2058.007	37136.00	6004.821	2439.060
Stddev	2.785	6.203	157.72	24.276	6.227
%RSD	.2345310	.3013980	.4247142	.4042680	.2553144

#1	1189.281	2056.591	37298.36	5979.689	2432.487
#2	1189.305	2052.634	37126.27	6006.636	2439.820
#3	1184.469	2064.795	36983.37	6028.138	2444.872

Sample Name: CCB085 Acquired: 11/21/2017 14:51:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009869	.0002225	.0000972	.0016621	-.002299	.0009067	-.000739
Stddev	.0004086	.0011674	.0009092	.0047893	.000817	.0075129	.000063
%RSD	41.40814	524.7265	935.7846	288.1448	35.52528	828.5720	8.596290

#1	.0012762	.0014566	.0003613	-.000472	-.002089	.0006714	-.000807
#2	.0011650	-.000864	-.000915	.007147	-.001608	.0085345	-.000681
#3	.0005194	.000075	.000845	-.001689	-.003200	-.006486	-.000728

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	-.000078	.0154867	-.000241	.0000565	.0018133	.0064527
Stddev	.000085	.000043	.0066621	.000402	.0000180	.0007812	.0018744
%RSD	237.9755	55.23556	43.01783	167.0176	31.81083	43.08398	29.04824

#1	-.000121	-.000045	.0079092	.000215	.0000736	.0021224	.0085385
#2	-.000036	-.000062	.0204239	-.000392	.0000581	.0023927	.0049093
#3	.000050	-.000127	.0181271	-.000545	.0000377	.0009248	.0059103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000720	.0228228	-.000154	.0003876	-.157956	-.000641	.0036494
Stddev	.0003198	.0091113	.000063	.0001001	.147963	.000533	.0023053
%RSD	444.3253	39.92193	40.66047	25.82171	93.67366	83.14168	63.16966

#1	.0003167	.0268485	-.000121	.0002737	-.032068	-.000209	.0040343
#2	.0001890	.0292279	-.000115	.0004278	-.320936	-.001237	.0011758
#3	-.000290	.0123921	-.000227	.0004615	-.120864	-.000478	.0057379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149626	.0005859	.0024615	.0006170	.0053054	-.000899	-.001170
Stddev	.0386635	.0004637	.0002885	.0002261	.0066012	.000154	.000392
%RSD	258.4004	79.13657	11.72071	36.64520	124.4225	17.17350	33.53310

#1	-.018826	.0006357	.0027847	.0008194	-.002014	-.001043	-.000901
#2	.006586	.0010227	.0022299	.0003730	.010807	-.000919	-.001621
#3	.057128	.0000994	.0023700	.0006587	.007124	-.000736	-.000989

Sample Name: CCB085 Acquired: 11/21/2017 14:51:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002400	-.003465	-.000062
Stddev	.0002954	.000658	.000032
%RSD	123.1054	18.98631	52.37354

#1	.0005328	-.003000	-.000098
#2	.0002450	-.003177	-.000049
#3	-.000058	-.004218	-.000038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.209	2589.401	45546.88	6476.850	3896.424
Stddev	11.215	6.522	166.20	39.261	13.138
%RSD	.7450652	.2518889	.3649068	.6061770	.3371711

#1	1494.946	2582.169	45520.39	6489.640	3881.496
#2	1517.180	2591.198	45724.75	6432.788	3901.552
#3	1503.501	2594.837	45395.52	6508.121	3906.225

Sample Name: AIR MDL#1 Acquired: 11/21/2017 14:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044942	.0085312	.0026388	.0033356	.0082825	.0216506	.0183275
Stddev	.0010817	.0013814	.0005659	.0013292	.0011273	.0058769	.0000985
%RSD	24.06881	16.19181	21.44339	39.84811	13.61041	27.14414	.5375060

#1	.0049112	.0073107	.0024220	.0047356	.0085731	.0244944	.0182801
#2	.0032661	.0100308	.0032810	.0020909	.0092360	.0255646	.0184408
#3	.0053054	.0082522	.0022135	.0031804	.0070383	.0148928	.0182617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013990	.0010605	.4184281	.0017312	.0059262	.0063314	.0317582
Stddev	.0000737	.0000865	.0012508	.0001791	.0003143	.0016738	.0077501
%RSD	5.270369	8.152409	.2989224	10.34306	5.304062	26.43707	24.40331

#1	.0013149	.0011069	.4173348	.0015727	.0056073	.0054128	.0297490
#2	.0014296	.0009608	.4197920	.0016956	.0062358	.0053180	.0403151
#3	.0014525	.0011138	.4181574	.0019254	.0059355	.0082634	.0252107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044753	.3787284	.0073787	.0029237	.1459999	.0081065	.0091150
Stddev	.0000417	.0193671	.0002861	.0001933	.0309369	.0024882	.0021605
%RSD	.9328408	5.113709	3.876993	6.610100	21.18967	30.69418	23.70286

#1	.0044829	.3756166	.0071157	.0027026	.1166095	.0054816	.0072273
#2	.0045128	.3994629	.0073372	.0030078	.1431099	.0104307	.0086465
#3	.0044303	.3611056	.0076833	.0030606	.1782805	.0084073	.0114714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3325745	.0037316	.0235525	.0438368	.0082633	.0837186	.0078582
Stddev	.0348659	.0019597	.0006205	.0008418	.0033103	.0007127	.0007236
%RSD	10.48364	52.51683	2.634386	1.920303	40.06002	.8512520	9.208594

#1	.2949550	.0042766	.0234381	.0430937	.0077598	.0842009	.0084890
#2	.3638025	.0015571	.0242222	.0436657	.0117965	.0829000	.0080174
#3	.3389661	.0053612	.0229972	.0447510	.0052336	.0840548	.0070682

Sample Name: AIR MDL#1 Acquired: 11/21/2017 14:55:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083803	-.004063	.0042758
Stddev	.0005363	.000107	.0000422
%RSD	6.399835	2.635980	.9869995

#1	.0089954	-.004158	.0043186
#2	.0080102	-.003947	.0042747
#3	.0081353	-.004083	.0042342

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.158	2538.636	44468.74	6338.200	3801.258
Stddev	2.258	7.377	158.86	25.537	12.642
%RSD	.1533085	.2905864	.3572414	.4029137	.3325734

#1	1472.219	2533.919	44519.48	6352.127	3793.997
#2	1475.734	2534.852	44290.71	6308.727	3793.922
#3	1471.520	2547.137	44596.04	6353.746	3815.856

Sample Name: AIR MDL#2 Acquired: 11/21/2017 14:59:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064846	.0098140	.0029936	.0047235	.0091197	.0191235	.0216528
Stddev	.0003390	.0010593	.0007718	.0019153	.0009636	.0037902	.0001931
%RSD	5.227732	10.79430	25.78214	40.54877	10.56584	19.81949	.8915800

#1	.0065756	.0104531	.0023239	.0025288	.0101343	.0165291	.0214351
#2	.0067688	.0085912	.0038376	.0060576	.0082170	.0234732	.0217202
#3	.0061094	.0103977	.0028192	.0055842	.0090077	.0173684	.0218032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016188	.0011472	.4776665	.0020345	.0066999	.0088503	.0245695
Stddev	.0000467	.0000416	.0072533	.0002739	.0002698	.0003903	.0114287
%RSD	2.884728	3.627436	1.518479	13.46292	4.026708	4.410279	46.51578

#1	.0016096	.0011768	.4749500	.0020952	.0065682	.0090624	.0288873
#2	.0016694	.0010996	.4858859	.0022730	.0065213	.0090886	.0332101
#3	.0015773	.0011652	.4721635	.0017354	.0070103	.0083998	.0116109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050184	.4435153	.0083540	.0029304	.3248968	.0097935	.0091042
Stddev	.0007811	.0094442	.0003382	.0003371	.1091032	.0023929	.0023978
%RSD	15.56385	2.129390	4.048082	11.50339	33.58090	24.43305	26.33690

#1	.0041644	.4343519	.0085726	.0031737	.2044286	.0111741	.0090340
#2	.0056966	.4429769	.0079644	.0025456	.4170540	.0070305	.0115363
#3	.0051940	.4532172	.0085248	.0030718	.3532076	.0111759	.0067423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3586122	.0053191	.0263360	.0494758	.0062858	.0977898	.0086933
Stddev	.0224057	.0006660	.0005227	.0002726	.0007634	.0015637	.0005146
%RSD	6.247906	12.52096	1.984920	.5509258	12.14516	1.598996	5.918912

#1	.3526075	.0050271	.0257641	.0497618	.0070136	.0963013	.0092238
#2	.3834085	.0048490	.0264547	.0492190	.0063528	.0976489	.0081963
#3	.3398207	.0060812	.0267891	.0494466	.0054912	.0994191	.0086599

Sample Name: AIR MDL#2 Acquired: 11/21/2017 14:59:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0094555	-.005276	.0051264
Stddev	.0006594	.000416	.0000622
%RSD	6.974038	7.886079	1.214181

#1	.0095525	-.004952	.0050546
#2	.0087530	-.005131	.0051588
#3	.0100611	-.005746	.0051656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.677	2538.760	44790.78	6396.515	3821.888
Stddev	27.913	26.525	297.32	9.987	30.190
%RSD	1.891524	1.044793	.6637993	.1561389	.7899249

#1	1443.468	2538.775	44458.23	6404.416	3823.184
#2	1490.766	2512.228	45030.92	6399.840	3791.070
#3	1492.799	2565.278	44883.20	6385.289	3851.408

Sample Name: AIR MDL#3 Acquired: 11/21/2017 15:03:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049660	.0101464	.0027289	.0035607	.0075383	.0185669	.0181069
Stddev	.0008220	.0008316	.0011201	.0024499	.0003176	.0017493	.0001785
%RSD	16.55160	8.195642	41.04497	68.80213	4.213028	9.421648	.9856574

#1	.0040178	.0108335	.0022731	.0030729	.0078260	.0172121	.0179068
#2	.0054756	.0092220	.0019085	.0013915	.0075913	.0179467	.0182494
#3	.0054047	.0103838	.0040050	.0062178	.0071975	.0205418	.0181646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013447	.0009909	.4100754	.0019519	.0059678	.0080920	.0252548
Stddev	.0000411	.0000396	.0072375	.0005539	.0000949	.0015511	.0084553
%RSD	3.058544	4.000485	1.764932	28.37642	1.589560	19.16880	33.48002

#1	.0013922	.0010080	.4089800	.0017368	.0059844	.0077634	.0340225
#2	.0013202	.0010190	.4034480	.0025810	.0060533	.0067314	.0245910
#3	.0013217	.0009455	.4177982	.0015378	.0058657	.0097810	.0171510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047865	.3728009	.0074792	.0029145	.2202145	.0073353	.0090386
Stddev	.0003442	.0215992	.0003272	.0003043	.1309249	.0004185	.0028350
%RSD	7.191209	5.793756	4.374554	10.43935	59.45335	5.705674	31.36492

#1	.0044263	.3550086	.0078299	.0028303	.1989848	.0069187	.0115157
#2	.0048212	.3665610	.0071822	.0032520	.1012018	.0077558	.0059467
#3	.0051121	.3968331	.0074254	.0026612	.3604569	.0073314	.0096534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2929501	.0031808	.0216728	.0432968	.0088205	.0823868	.0070802
Stddev	.0181923	.0020355	.0006459	.0004293	.0032585	.0002991	.0008452
%RSD	6.210035	63.99417	2.979999	.9915513	36.94187	.3630201	11.93768

#1	.2808951	.0045315	.0221185	.0428314	.0061648	.0822174	.0076219
#2	.2840790	.0008396	.0209321	.0433818	.0124566	.0827321	.0061063
#3	.3138762	.0041712	.0219677	.0436773	.0078402	.0822108	.0075124

Sample Name: AIR MDL#3 Acquired: 11/21/2017 15:03:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0075609	-.006719	.0042301
Stddev	.0004923	.000935	.0000470
%RSD	6.511337	13.91493	1.111768

#1	.0080387	-.005674	.0041762
#2	.0070553	-.007009	.0042509
#3	.0075887	-.007475	.0042631

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.100	2509.499	44436.49	6415.065	3781.732
Stddev	12.993	35.575	147.68	11.324	38.710
%RSD	.8904867	1.417614	.3323405	.1765214	1.023609

#1	1473.821	2484.705	44453.14	6402.535	3750.754
#2	1449.233	2493.531	44575.14	6418.092	3769.316
#3	1454.247	2550.260	44281.18	6424.568	3825.127

Sample Name: AIR MDL#4 Acquired: 11/21/2017 15:08:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060022	.0105170	.0025673	.0019497	.0102737	.0272811	.0219993
Stddev	.0010430	.0009622	.0005424	.0035917	.0012155	.0031625	.0002480
%RSD	17.37724	9.148656	21.12819	184.2242	11.83156	11.59242	1.127403

#1	.0052930	.0099363	.0025482	-.001917	.0115462	.0296205	.0221955
#2	.0055138	.0099871	.0020347	.002584	.0091244	.0236830	.0220819
#3	.0071998	.0116276	.0031190	.005182	.0101506	.0285398	.0217206

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015833	.0012245	.4849325	.0021975	.0069699	.0068398	.0265390
Stddev	.0000338	.0000278	.0055350	.0002426	.0001507	.0007530	.0070127
%RSD	2.133600	2.273276	1.141403	11.03804	2.162521	11.00961	26.42433

#1	.0015796	.0012384	.4892064	.0019183	.0070741	.0077091	.0195569
#2	.0016188	.0011924	.4786801	.0023182	.0067970	.0064182	.0335820
#3	.0015515	.0012426	.4869111	.0023561	.0070386	.0063919	.0264781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053224	.4481095	.0085407	.0034113	.2685569	.0094214	.0093697
Stddev	.0005259	.0133083	.0003679	.0001067	.1245464	.0011717	.0028723
%RSD	9.881346	2.969885	4.307217	3.128099	46.37616	12.43610	30.65515

#1	.0059134	.4359813	.0085484	.0033717	.1558288	.0107727	.0119099
#2	.0049061	.4623462	.0089046	.0033301	.4022584	.0088036	.0099463
#3	.0051476	.4460009	.0081690	.0035322	.2475835	.0086880	.0062528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3466166	.0042251	.0254251	.0500567	.0101315	.0991399	.0089776
Stddev	.0249365	.0007968	.0001659	.0002316	.0026597	.0010868	.0007095
%RSD	7.194268	18.85757	.6524000	.4626247	26.25199	1.096176	7.903341

#1	.3180838	.0034113	.0254735	.0500057	.0126655	.0994025	.0093182
#2	.3642356	.0042605	.0255614	.0503095	.0103672	.0979460	.0094526
#3	.3575305	.0050036	.0252404	.0498549	.0073617	.1000714	.0081620

Sample Name: AIR MDL#4 Acquired: 11/21/2017 15:08:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0098978	-.006362	.0051015
Stddev	.0005328	.000151	.0000064
%RSD	5.383528	2.369344	.1252105

#1	.0095245	-.006496	.0051081
#2	.0096608	-.006199	.0050953
#3	.0105080	-.006392	.0051013

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.654	2539.372	44500.85	6372.566	3809.839
Stddev	12.562	10.909	140.19	18.595	22.865
%RSD	.8541475	.4296050	.3150216	.2917919	.6001662

#1	1456.955	2528.836	44340.84	6376.598	3785.618
#2	1473.378	2538.662	44559.64	6352.286	3812.849
#3	1481.631	2550.620	44602.07	6388.813	3831.051

Sample Name: AIR MDL#5 Acquired: 11/21/2017 15:12:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071093	.0103636	.0029337	.0056148	.0084762	.0249883	.0215818
Stddev	.0008828	.0013835	.0010411	.0024205	.0002289	.0037063	.0002291
%RSD	12.41803	13.34938	35.48860	43.10959	2.699963	14.83197	1.061736

#1	.0071128	.0111080	.0037666	.0081952	.0087364	.0210442	.0213278
#2	.0079903	.0087673	.0017665	.0033946	.0083058	.0283989	.0216447
#3	.0062247	.0112155	.0032681	.0052546	.0083865	.0255219	.0217729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015558	.0010853	.4681591	.0017164	.0065080	.0079864	.0237631
Stddev	.0000353	.0001143	.0069996	.0003711	.0001464	.0003903	.0051007
%RSD	2.268762	10.53396	1.495143	21.62039	2.249021	4.887548	21.46468

#1	.0015343	.0011101	.4649247	.0020625	.0065915	.0076528	.0197316
#2	.0015966	.0011852	.4633615	.0017622	.0063390	.0078907	.0220605
#3	.0015366	.0009606	.4761910	.0013245	.0065936	.0084157	.0294973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049971	.4448272	.0079084	.0031726	.2123001	.0102857	.0099328
Stddev	.0000752	.0142109	.0003809	.0002184	.1109302	.0003918	.0015762
%RSD	1.505781	3.194707	4.815813	6.884705	52.25158	3.809135	15.86896

#1	.0050803	.4343418	.0079793	.0034248	.3252020	.0100037	.0117259
#2	.0049771	.4391387	.0074971	.0030445	.1034529	.0107331	.0093066
#3	.0049338	.4610012	.0082488	.0030485	.2082454	.0101203	.0087659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3564031	.0044089	.0245409	.0477496	.0074741	.0958647	.0087713
Stddev	.0149366	.0016735	.0004603	.0007315	.0020860	.0002823	.0003759
%RSD	4.190940	37.95835	1.875567	1.531859	27.91025	.2944626	4.285279

#1	.3531280	.0052217	.0240342	.0482507	.0052710	.0955389	.0092049
#2	.3433758	.0024842	.0249332	.0480879	.0077324	.0960199	.0085711
#3	.3727056	.0055207	.0246552	.0469102	.0094190	.0960353	.0085378

Sample Name: AIR MDL#5 Acquired: 11/21/2017 15:12:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0100031	-.007287	.0049758
Stddev	.0005399	.000838	.0001004
%RSD	5.397612	11.49559	2.017046

#1	.0101261	-.007649	.0050680
#2	.0094122	-.006329	.0049904
#3	.0104709	-.007882	.0048689

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.094	2599.393	44975.00	6420.493	3891.983
Stddev	5.335	32.434	159.23	24.185	54.837
%RSD	.3589711	1.247758	.3540464	.3766872	1.408983

#1	1486.330	2568.571	44942.34	6437.475	3842.039
#2	1491.307	2596.381	45148.03	6431.202	3883.247
#3	1480.645	2633.229	44834.63	6392.802	3950.664

Sample Name: AIR MDL#6 Acquired: 11/21/2017 15:16:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075681	.0100685	.0028823	.0050425	.0078965	.0224946	.0190494
Stddev	.0013440	.0018552	.0012198	.0004142	.0022424	.0038393	.0000755
%RSD	17.75912	18.42618	42.32173	8.214611	28.39774	17.06788	.3963270

#1	.0088234	.0113777	.0042580	.0054227	.0083470	.0213637	.0189631
#2	.0077307	.0079454	.0024562	.0046010	.0054630	.0193477	.0190821
#3	.0061501	.0108825	.0019326	.0051039	.0098795	.0267723	.0191031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014235	.0011019	.4223230	.0016257	.0060367	.0065384	.0280264
Stddev	.0000273	.0000730	.0045571	.0005059	.0000700	.0015680	.0069632
%RSD	1.915534	6.620976	1.079051	31.11792	1.159754	23.98141	24.84523

#1	.0014080	.0011688	.4171599	.0021364	.0060960	.0083430	.0238655
#2	.0014075	.0011128	.4240246	.0011248	.0059595	.0055084	.0360652
#3	.0014550	.0010241	.4257844	.0016159	.0060547	.0057639	.0241486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046751	.3914481	.0075363	.0031256	.2429097	.0082772	.0076232
Stddev	.0004467	.0288026	.0002480	.0001875	.0851652	.0028761	.0019170
%RSD	9.554509	7.357963	3.291311	5.997377	35.06043	34.74692	25.14681

#1	.0049010	.3582708	.0073005	.0029136	.1819796	.0112788	.0064288
#2	.0041606	.4060273	.0077950	.0031937	.2065260	.0080070	.0066064
#3	.0049637	.4100463	.0075135	.0032695	.3402235	.0055457	.0098344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2838570	.0040321	.0214850	.0440701	.0085801	.0859677	.0066273
Stddev	.0172209	.0005309	.0009903	.0001705	.0022321	.0002634	.0004428
%RSD	6.066771	13.16605	4.609068	.3867979	26.01510	.3063479	6.681685

#1	.2883927	.0044994	.0204502	.0439745	.0093503	.0859615	.0062869
#2	.2983560	.0041420	.0215809	.0439688	.0060648	.0857074	.0071280
#3	.2648221	.0034549	.0224238	.0442669	.0103250	.0862340	.0064672

Sample Name: AIR MDL#6 Acquired: 11/21/2017 15:16:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083559	-.007957	.0044838
Stddev	.0006745	.000886	.0000411
%RSD	8.071557	11.12997	.9169932

#1	.0081964	-.007709	.0045190
#2	.0077755	-.008940	.0044937
#3	.0090958	-.007221	.0044386

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.393	2523.253	44303.16	6315.238	3791.326
Stddev	6.047	3.441	171.12	8.342	4.101
%RSD	.4120894	.1363571	.3862414	.1321011	.1081733

#1	1465.311	2526.137	44324.64	6320.721	3790.885
#2	1462.662	2519.444	44122.32	6319.357	3787.463
#3	1474.206	2524.177	44462.52	6305.637	3795.630

Sample Name: AIR MDL#7 Acquired: 11/21/2017 15:20:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070880	.0102242	.0035181	.0040921	.0100584	.0341798	.0212956
Stddev	.0030534	.0007401	.0004106	.0035054	.0006811	.0041569	.0001948
%RSD	43.07813	7.239269	11.67106	85.66115	6.771474	12.16172	.9145942

#1	.0104654	.0104019	.0035798	.0002547	.0106871	.0317368	.0212987
#2	.0045229	.0108592	.0030801	.0048959	.0093348	.0389795	.0210994
#3	.0062757	.0094113	.0038943	.0071258	.0101532	.0318232	.0214889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015676	.0011638	.4765693	.0018242	.0067874	.0064304	.0251912
Stddev	.0000256	.0000107	.0052670	.0001334	.0000335	.0006428	.0024202
%RSD	1.632577	.9198350	1.105198	7.314312	.4936019	9.996622	9.607255

#1	.0015397	.0011638	.4736053	.0019080	.0067538	.0068249	.0279647
#2	.0015730	.0011530	.4826505	.0018943	.0067875	.0067776	.0241012
#3	.0015900	.0011744	.4734520	.0016704	.0068208	.0056886	.0235077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051721	.4436656	.0082143	.0033065	.3176650	.0087681	.0143078
Stddev	.0003536	.0069003	.0001737	.0002411	.2059929	.0017075	.0026577
%RSD	6.837175	1.555281	2.115037	7.291602	64.84595	19.47451	18.57505

#1	.0048521	.4483763	.0082258	.0030586	.1920548	.0084996	.0116888
#2	.0055518	.4468754	.0080351	.0035402	.5553976	.0072107	.0142319
#3	.0051125	.4357451	.0083820	.0033206	.2055426	.0105940	.0170025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3043155	.0055515	.0244403	.0482797	.0062026	.0954248	.0086576
Stddev	.0167561	.0022413	.0004532	.0002036	.0030824	.0010736	.0008924
%RSD	5.506151	40.37245	1.854232	.4216673	49.69431	1.125081	10.30745

#1	.2931514	.0055272	.0249606	.0482202	.0074711	.0962632	.0082178
#2	.3235829	.0033225	.0242282	.0485063	.0084484	.0957965	.0096845
#3	.2962123	.0078048	.0241320	.0481124	.0026885	.0942148	.0080705

Sample Name: AIR MDL#7 Acquired: 11/21/2017 15:20:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089879	-.007551	.0048700
Stddev	.0007536	.000399	.0000396
%RSD	8.384661	5.279648	.8128991

#1	.0082714	-.007638	.0049103
#2	.0089187	-.007117	.0048687
#3	.0097738	-.007900	.0048311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.201	2628.492	45501.37	6558.686	3922.973
Stddev	6.414	13.154	202.47	51.918	22.538
%RSD	.4244385	.5004467	.4449690	.7915847	.5745155

#1	1514.987	2640.151	45414.13	6540.855	3945.726
#2	1503.796	2614.231	45357.15	6518.033	3900.656
#3	1514.822	2631.093	45732.83	6617.169	3922.538

Sample Name: PBF WIPE Acquired: 11/21/2017 15:24:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBF Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011620	.0000650	-.000241	-.001777	-.000414	.0012996	-.000585
Stddev	.0027639	.0003171	.000346	.001862	.000492	.0020543	.000138
%RSD	237.8478	487.6860	143.4099	104.7900	118.8034	158.0688	23.52357

#1	.0043191	.0000851	.000124	-.003857	-.000978	.0019325	-.000591
#2	-.000821	.0003717	-.000565	-.001213	-.000186	-.000997	-.000445
#3	-.000012	-.000262	-.000284	-.000262	-.000077	.002963	-.000720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000127	.0066218	-.000239	.0000520	.0028245	.0021355
Stddev	.000039	.000053	.0030163	.000327	.0000098	.0007936	.0049429
%RSD	886.7847	41.72038	45.55125	137.0957	18.81215	28.09691	231.4636

#1	-.000050	-.000087	.0031521	-.000010	.0000407	.0023755	.0035768
#2	.000023	-.000187	.0080943	-.000613	.0000577	.0023573	-.003368
#3	.000013	-.000106	.0086191	-.000093	.0000577	.0037409	.006198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000241	-.007223	-.000043	.0003579	-.106624	-.000055	-.000269
Stddev	.000145	.010294	.000342	.0002030	.248522	.001566	.000659
%RSD	60.07750	142.5198	791.6851	56.72668	233.0831	2827.756	245.0925

#1	-.000352	-.016168	-.000362	.0005641	-.082724	-.001094	.000424
#2	-.000295	.004029	.000318	.0001582	.129085	.001746	-.000889
#3	-.000077	-.009529	-.000086	.0003515	-.366232	-.000818	-.000341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054964	.0020028	-.002453	-.000037	.0062953	-.001333	-.000933
Stddev	.004982	.0006523	.000461	.000070	.0027193	.000689	.000864
%RSD	9.064144	32.56680	18.77136	190.4597	43.19623	51.70465	92.60565

#1	-.054885	.0026591	-.002936	-.000117	.0072202	-.002104	-.001235
#2	-.059985	.0013547	-.002019	.000008	.0084315	-.001114	.000041
#3	-.050022	.0019947	-.002405	-.000001	.0032341	-.000779	-.001607

Sample Name: PBF WIPE Acquired: 11/21/2017 15:24:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBF Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000345	-.012160	-.000091
Stddev	.000240	.000637	.000043
%RSD	69.51418	5.234648	47.01722

#1	-.000130	-.011444	-.000123
#2	-.000302	-.012663	-.000109
#3	-.000603	-.012372	-.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.206	2564.835	45405.68	6432.179	3864.801
Stddev	12.138	5.475	251.89	19.048	8.378
%RSD	.8079795	.2134813	.5547448	.2961336	.2167771

#1	1492.155	2570.037	45116.50	6433.478	3868.264
#2	1498.773	2565.345	45577.24	6412.515	3870.892
#3	1515.691	2559.122	45523.30	6450.544	3855.247

Sample Name: LCSS WIPE Acquired: 11/21/2017 15:29:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217504	.0587722	.0205432	.0744897	.1214712	.4128938
Stddev	.0030166	.0012859	.0015037	.0030624	.0008167	.0087751
%RSD	13.86913	2.187939	7.319647	4.111173	.6723659	2.125265

#1	.0204901	.0598556	.0208654	.0775569	.1214483	.4039678
#2	.0251928	.0591098	.0189045	.0714321	.1206662	.4132037
#3	.0195684	.0573512	.0218597	.0744800	.1222992	.4215098

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3922518	.0116362	.0097097	9.921490	.0224443	.0966765
Stddev	.0013810	.0000385	.0000253	.056774	.0001207	.0003354
%RSD	.3520711	.3304960	.2606056	.5722355	.5376359	.3468860

#1	.3909010	.0116772	.0097354	9.895797	.0225764	.0965111
#2	.3936612	.0116009	.0096849	9.882105	.0224168	.0964560
#3	.3921931	.0116305	.0097089	9.986569	.0223398	.0970624

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527248	.2264116	.0327241	9.674358	.0736852	.0251263
Stddev	.0008872	.0068102	.0001585	.087729	.0003482	.0000845
%RSD	1.682770	3.007896	.4842469	.9068221	.4725043	.3364328

#1	.0534070	.2187312	.0328791	9.604070	.0734651	.0251824
#2	.0530457	.2287898	.0327308	9.646326	.0740866	.0251673
#3	.0517218	.2317139	.0325623	9.772677	.0735040	.0250290

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.566359	.1204823	.1378891	8.920921	.0250600	F .0218233
Stddev	.072013	.0007496	.0076125	.030004	.0006826	.0006286
%RSD	.7527688	.6221343	5.520749	.3363317	2.723905	2.880476

#1	9.502116	.1201675	.1465114	8.917248	.0257043	.0210984
#2	9.644202	.1213379	.1350589	8.952592	.0251311	.0221526
#3	9.552759	.1199414	.1320971	8.892923	.0243446	.0222188

Sample Name: LCSS WIPE Acquired: 11/21/2017 15:29:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214332	.1886735	.2079466	F .0141411	.2042316	.0812238
Stddev	.0000940	.0006672	.0018443	.0006333	.0004750	.0005948
%RSD	.4385342	.3535980	.8869073	4.478111	.2325825	.7323625

#1	.0215417	.1883818	.2060982	.0136149	.2037157	.0806168
#2	.0213786	.1894368	.2079549	.0139645	.2046509	.0812489
#3	.0213793	.1882018	.2097867	.0148439	.2043281	.0818057

Elem	Sr4077
Units	ppm
Avg	.2080741
Stddev	.0001218
%RSD	.0585430

#1	.2079613
#2	.2082033
#3	.2080578

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.687	2465.667	43093.41	6317.639	3576.737
Stddev	12.677	7.736	206.82	18.948	9.600
%RSD	.8860525	.3137293	.4799346	.2999171	.2684016

#1	1419.128	2468.241	42912.22	6333.538	3580.396
#2	1428.688	2471.787	43049.26	6322.706	3583.969
#3	1444.244	2456.972	43318.74	6296.673	3565.845

Sample Name: WIPE MDL #1 Acquired: 11/21/2017 15:33:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042045	.0103157	.0027216	.0006016	.0086804	.0253966	.0202103
Stddev	.0033897	.0003063	.0017542	.0018254	.0005397	.0023459	.0001556
%RSD	80.61963	2.969337	64.45433	303.4242	6.217288	9.237170	.7699743

#1	.0021610	.0106614	.0035135	-.000062	.0088671	.0255469	.0203899
#2	.0023354	.0100780	.0007111	-.000799	.0091020	.0276638	.0201146
#3	.0081173	.0102078	.0039402	.002666	.0080722	.0229792	.0201264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014991	.0010755	.4556698	.0020940	.0063726	.0076995	.0260322
Stddev	.0000439	.0000907	.0118476	.0003713	.0001143	.0007989	.0042015
%RSD	2.928035	8.431715	2.600041	17.73248	1.793964	10.37602	16.13958

#1	.0015435	.0011732	.4683389	.0025227	.0064032	.0078032	.0293769
#2	.0014979	.0010594	.4538061	.0018777	.0064686	.0068539	.0213165
#3	.0014558	.0009939	.4448646	.0018815	.0062461	.0084416	.0274032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049442	.4286355	.0080345	.0030675	.2869053	.0076732	.0117012
Stddev	.0001413	.0084040	.0001669	.0002500	.1243663	.0017480	.0019424
%RSD	2.858277	1.960640	2.077580	8.148622	43.34750	22.78106	16.60032

#1	.0049784	.4283241	.0081612	.0032707	.4021418	.0062247	.0136544
#2	.0050653	.4371909	.0080970	.0031434	.3034987	.0096148	.0116795
#3	.0047889	.4203915	.0078454	.0027884	.1550753	.0071800	.0097697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3143515	.0058936	.0231511	.0463009	.0091692	.0919802	.0076503
Stddev	.0303928	.0005260	.0005395	.0002180	.0003658	.0002616	.0011183
%RSD	9.668411	8.925398	2.330301	.4708819	3.989809	.2843661	14.61840

#1	.2872419	.0053780	.0236558	.0461206	.0095895	.0916817	.0073342
#2	.3086055	.0064294	.0232150	.0462389	.0089222	.0920900	.0088927
#3	.3472072	.0058734	.0225825	.0465432	.0089959	.0921690	.0067240

Sample Name: WIPE MDL #1 Acquired: 11/21/2017 15:33:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087054	-.008388	.0047638
Stddev	.0009972	.000854	.0000221
%RSD	11.45548	10.17630	.4640041

#1	.0076119	-.009181	.0047505
#2	.0095646	-.007484	.0047893
#3	.0089397	-.008498	.0047516

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.487	2573.368	45121.34	6427.158	3849.651
Stddev	6.461	12.991	171.27	31.037	9.399
%RSD	.4343717	.5048431	.3795827	.4829017	.2441493

#1	1485.277	2559.519	44969.33	6447.988	3838.833
#2	1482.420	2585.285	45087.78	6391.487	3854.308
#3	1494.763	2575.300	45306.91	6441.999	3855.812

Sample Name: WIPE MDL #2 Acquired: 11/21/2017 15:37:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055131	.0092587	.0031111	.0025816	.0100021	.0235601	.0202878
Stddev	.0027848	.0015566	.0013249	.0006925	.0010062	.0018412	.0002197
%RSD	50.51301	16.81219	42.58630	26.82355	10.05998	7.814937	1.082868

#1	.0044981	.0095269	.0044419	.0023261	.0106942	.0225568	.0200345
#2	.0086630	.0075854	.0030992	.0033655	.0088479	.0224386	.0204275
#3	.0033781	.0106637	.0017922	.0020532	.0104643	.0256851	.0204012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014951	.0011068	.4601011	.0016845	.0066354	.0062700	.0264890
Stddev	.0000544	.0001345	.0095236	.0004387	.0002609	.0001669	.0015448
%RSD	3.638967	12.15223	2.069902	26.04404	3.931195	2.662319	5.831981

#1	.0014610	.0009986	.4508952	.0017898	.0064992	.0061718	.0249760
#2	.0015579	.0010645	.4699135	.0020610	.0064708	.0061755	.0264271
#3	.0014665	.0012574	.4594946	.0012027	.0069361	.0064628	.0280638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046975	.4081703	.0079113	.0030287	.1986768	.0089271	.0080954
Stddev	.0004032	.0166312	.0004581	.0002635	.1226381	.0033343	.0019051
%RSD	8.583402	4.074575	5.791025	8.699981	61.72745	37.35025	23.53338

#1	.0051630	.4176306	.0074148	.0030939	.3287652	.0093895	.0102752
#2	.0044632	.3889669	.0080014	.0027387	.1820874	.0053857	.0072627
#3	.0044661	.4179134	.0083177	.0032534	.0851778	.0120061	.0067485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3400470	.0048096	.0230190	.0467499	.0096338	.0922544	.0085311
Stddev	.0240192	.0008495	.0004072	.0018208	.0032158	.0011197	.0003485
%RSD	7.063482	17.66310	1.769128	3.894754	33.38036	1.213753	4.085340

#1	.3253770	.0057892	.0225508	.0454652	.0065156	.0913629	.0081566
#2	.3677661	.0043632	.0232912	.0459511	.0094467	.0935112	.0085907
#3	.3269978	.0042762	.0232149	.0488336	.0129391	.0918890	.0088460

Sample Name: WIPE MDL #2 Acquired: 11/21/2017 15:37:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086725	-.008999	.0046694
Stddev	.0009536	.000279	.0000333
%RSD	10.99557	3.097225	.7135910

#1	.0077995	-.008953	.0046317
#2	.0085279	-.009298	.0046946
#3	.0096901	-.008746	.0046821

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.246	2557.499	45288.32	6421.679	3815.633
Stddev	7.044	75.480	154.99	26.463	116.740
%RSD	.4685637	2.951325	.3422186	.4120888	3.059508

#1	1495.136	2579.039	45111.56	6433.187	3862.473
#2	1506.766	2619.867	45400.91	6391.410	3901.678
#3	1507.835	2473.590	45352.50	6440.439	3682.747

Sample Name: WIPE MDL #3 Acquired: 11/21/2017 15:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044972	.0092378	.0022958	.0047842	.0087355	.0202629	.0194442
Stddev	.0027317	.0007591	.0002662	.0018065	.0006772	.0076115	.0002352
%RSD	60.74260	8.217698	11.59676	37.75917	7.752020	37.56378	1.209844

#1	.0032187	.0100627	.0020340	.0050061	.0091497	.0266215	.0196873
#2	.0026392	.0085686	.0025663	.0028770	.0091028	.0118290	.0192177
#3	.0076337	.0090820	.0022872	.0064694	.0079540	.0223383	.0194275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014420	.0011045	.4437766	.0018272	.0059980	.0061066	.0252108
Stddev	.0000920	.0000265	.0067264	.0004413	.0000976	.0007196	.0031188
%RSD	6.379488	2.396733	1.515719	24.14954	1.627557	11.78394	12.37082

#1	.0014947	.0010926	.4443792	.0013422	.0059138	.0069092	.0277403
#2	.0013357	.0011349	.4367692	.0019343	.0061050	.0058920	.0261659
#3	.0014954	.0010861	.4501815	.0022050	.0059752	.0055188	.0217262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049187	.4092324	.0076193	.0028864	.2027660	.0087355	.0086875
Stddev	.0000316	.0053431	.0002046	.0002991	.1959546	.0003527	.0018722
%RSD	.6434313	1.305653	2.684624	10.36272	96.64075	4.038012	21.55006

#1	.0048978	.4042558	.0077647	.0027849	.0716713	.0086269	.0106336
#2	.0049032	.4148789	.0073854	.0032230	.4280283	.0084498	.0068993
#3	.0049551	.4085624	.0077078	.0026512	.1085986	.0091297	.0085297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3031775	.0026608	.0226351	.0447309	.0078411	.0893680	.0074426
Stddev	.0228998	.0009918	.0004221	.0005266	.0013794	.0016119	.0013009
%RSD	7.553248	37.27332	1.864654	1.177256	17.59234	1.803717	17.47878

#1	.2767682	.0036625	.0228258	.0453285	.0069550	.0907347	.0089446
#2	.3152361	.0016793	.0221514	.0445294	.0094304	.0897789	.0067115
#3	.3175281	.0026407	.0229283	.0443348	.0071379	.0875903	.0066718

Sample Name: WIPE MDL #3 Acquired: 11/21/2017 15:41:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0085508	-.008648	.0045608
Stddev	.0008091	.000243	.0000567
%RSD	9.461823	2.811322	1.243843

#1	.0088717	-.008928	.0044999
#2	.0076305	-.008533	.0045705
#3	.0091502	-.008484	.0046121

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.983	2620.198	45353.91	6441.831	3912.857
Stddev	6.373	11.670	90.08	10.746	24.629
%RSD	.4226031	.4453749	.1986113	.1668106	.6294269

#1	1500.648	2607.372	45330.68	6440.672	3885.686
#2	1512.158	2623.034	45453.32	6453.108	3919.170
#3	1511.143	2630.189	45277.71	6431.711	3933.715

Sample Name: WIPE MDL #4 Acquired: 11/21/2017 15:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058011	.0098868	.0017577	.0056417	.0093048	.0313966	.0211392
Stddev	.0029084	.0013950	.0012469	.0022381	.0014678	.0002932	.0001097
%RSD	50.13544	14.10942	70.93885	39.67054	15.77507	.9339538	.5189827

#1	.0027102	.0098895	.0003239	.0031647	.0109991	.0317251	.0210210
#2	.0062092	.0112804	.0023606	.0062418	.0084984	.0311612	.0212378
#3	.0084839	.0084904	.0025886	.0075185	.0084170	.0313036	.0211587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015542	.0011340	.4775734	.0020741	.0067167	.0070317	.0278462
Stddev	.0000416	.0001219	.0102195	.0001812	.0002196	.0011914	.0030107
%RSD	2.676359	10.75006	2.139874	8.738717	3.268694	16.94377	10.81184

#1	.0015074	.0010138	.4658118	.0022313	.0064651	.0062167	.0313101
#2	.0015681	.0011305	.4842824	.0021154	.0068156	.0083990	.0263694
#3	.0015870	.0012576	.4826260	.0018758	.0068695	.0064793	.0258590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055380	.4485093	.0083342	.0033574	.3186455	.0099300	.0123992
Stddev	.0002250	.0130085	.0002274	.0000994	.2173005	.0015355	.0010218
%RSD	4.063253	2.900375	2.728578	2.960000	68.19506	15.46300	8.241177

#1	.0057412	.4369420	.0080848	.0034580	.3472371	.0090064	.0127011
#2	.0052962	.4459945	.0085299	.0033551	.5202348	.0090812	.0132361
#3	.0055767	.4625916	.0083880	.0032593	.0884646	.0117025	.0112604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3027431	.0038619	.0233851	.0480777	.0090495	.0958618	.0085620
Stddev	.0318655	.0002524	.0007994	.0003096	.0029899	.0019290	.0004139
%RSD	10.52559	6.535133	3.418241	.6438959	33.03938	2.012269	4.834138

#1	.2709448	.0040817	.0225757	.0484351	.0069487	.0940817	.0090067
#2	.3346753	.0035863	.0234056	.0478929	.0124725	.0955924	.0084915
#3	.3026093	.0039178	.0241740	.0479050	.0077271	.0979114	.0081879

Sample Name: WIPE MDL #4 Acquired: 11/21/2017 15:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0093933	-.008586	.0048913
Stddev	.0001876	.000138	.0000935
%RSD	1.997450	1.602808	1.912497

#1	.0091789	-.008452	.0047908
#2	.0095273	-.008727	.0049074
#3	.0094736	-.008577	.0049758

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.581	2575.880	44975.87	6433.564	3847.101
Stddev	12.151	6.373	79.47	91.191	13.247
%RSD	.8103060	.2474156	.1767053	1.417422	.3443446

#1	1487.055	2572.220	45037.71	6538.068	3845.315
#2	1500.369	2572.180	44886.23	6392.490	3834.838
#3	1511.320	2583.239	45003.67	6370.133	3861.151

Sample Name: WIPE MDL #5 Acquired: 11/21/2017 15:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000374	.0004578	.0003976	.0003690	-.002313	.0010215	-.000872
Stddev	.001130	.0017588	.0005118	.0015231	.001240	.0031314	.000130
%RSD	301.9037	384.1965	128.7154	412.7844	53.59975	306.5490	14.87342

#1	.000930	-.000703	.0008705	.0002181	-.001188	-.002572	-.000899
#2	-.000997	-.000405	-.000146	-.001073	-.003643	.003167	-.000986
#3	-.001056	.002481	.000468	.001962	-.002109	.002470	-.000731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000466	-.000082	.0106245	-.000304	.0000361	.0025192	.0039388
Stddev	.0000142	.000043	.0039044	.000327	.0000711	.0016450	.0012098
%RSD	30.58788	52.93705	36.74922	107.4988	196.9798	65.29986	30.71447

#1	.0000559	-.000131	.0118832	-.000552	-.000018	.0015984	.0053323
#2	.0000302	-.000048	.0062460	.000067	.000009	.0044185	.0033266
#3	.0000536	-.000067	.0137444	-.000428	.000117	.0015408	.0031575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000253	.0062099	.0000040	.0005497	-.097656	-.000557	.0015011
Stddev	.0002005	.0133317	.0001489	.0002115	.112322	.001873	.0026047
%RSD	791.5356	214.6851	3768.793	38.48800	115.0178	335.9278	173.5205

#1	-.000159	.0130948	-.000166	.0007631	-.003486	-.001551	.0044944
#2	.000239	-.009157	.000110	.0005457	-.067507	.001603	-.000249
#3	-.000004	.014691	.000068	.0003401	-.221977	-.001724	.000258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.103328	.0023988	-.002963	-.000072	.0056196	-.001161	-.000742
Stddev	.016172	.0011135	.000363	.000161	.0021353	.000153	.000176
%RSD	15.65161	46.41609	12.23502	223.9477	37.99673	13.16938	23.78332

#1	-.115258	.0011149	-.002545	.000076	.0056119	-.001261	-.000923
#2	-.084921	.0030996	-.003153	-.000243	.0034883	-.001236	-.000733
#3	-.109805	.0029820	-.003192	-.000048	.0077588	-.000985	-.000570

Sample Name: WIPE MDL #5 Acquired: 11/21/2017 15:49:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001477	-.013379	-.000096
Stddev	.0002147	.000663	.000042
%RSD	145.3877	4.953158	43.79347

#1	.0003267	-.013279	-.000090
#2	-.000090	-.012772	-.000140
#3	.000207	-.014086	-.000057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.152	2581.200	45215.60	6455.245	3879.168
Stddev	6.813	7.217	82.44	47.834	14.347
%RSD	.4535269	.2795904	.1823251	.7410078	.3698398

#1	1499.541	2573.284	45198.74	6403.080	3864.892
#2	1497.032	2582.906	45142.89	6465.604	3879.026
#3	1509.884	2587.412	45305.17	6497.050	3893.585

Sample Name: WIPE MDL #6 Acquired: 11/21/2017 15:59:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034503	.0085231	.0034692	.0044748	.0070072	.0297952	.0179001
Stddev	.0023837	.0003108	.0008157	.0015638	.0016986	.0050810	.0001880
%RSD	69.08610	3.646993	23.51237	34.94554	24.24069	17.05304	1.050389

#1	.0007103	.0082004	.0043842	.0043391	.0081287	.0273922	.0177740
#2	.0045944	.0088205	.0032053	.0029834	.0050529	.0356320	.0178101
#3	.0050463	.0085483	.0028182	.0061020	.0078399	.0263615	.0181162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011024	.0008911	.4095834	.0018614	.0054764	.0077874	.0324815
Stddev	.0000664	.0000932	.0066897	.0001919	.0002065	.0014058	.0011207
%RSD	6.018102	10.46055	1.633291	10.31005	3.770586	18.05253	3.450275

#1	.0010507	.0008881	.4117944	.0020295	.0055844	.0094073	.0332383
#2	.0010795	.0007993	.4020681	.0016523	.0056065	.0068865	.0311941
#3	.0011772	.0009857	.4148878	.0019022	.0052383	.0070684	.0330122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042832	.3653752	.0067678	.0028398	.1396638	.0083135	.0127597
Stddev	.0004079	.0162494	.0002742	.0002746	.0885026	.0026764	.0019200
%RSD	9.523226	4.447306	4.051732	9.670424	63.36835	32.19260	15.04768

#1	.0042417	.3531121	.0070575	.0030481	.2416193	.0102263	.0105549
#2	.0038977	.3592083	.0065123	.0029427	.0826426	.0052551	.0140639
#3	.0047103	.3838053	.0067337	.0025286	.0947294	.0094593	.0136604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2143307	.0049178	.0201126	.0397356	.0140965	.0814700	.0057778
Stddev	.0469892	.0008666	.0004649	.0005418	.0013137	.0012242	.0008282
%RSD	21.92367	17.62089	2.311522	1.363561	9.319593	1.502618	14.33474

#1	.2333425	.0057169	.0200612	.0401124	.0125878	.0824735	.0052843
#2	.1608146	.0039967	.0206010	.0399798	.0149876	.0801061	.0067340
#3	.2488349	.0050399	.0196755	.0391147	.0147142	.0818306	.0053151

Sample Name: WIPE MDL #6 Acquired: 11/21/2017 15:59:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0079146	-.010427	.0041674
Stddev	.0005614	.000208	.0000346
%RSD	7.093679	1.999293	.8311099

#1	.0084601	-.010648	.0041686
#2	.0073384	-.010234	.0041322
#3	.0079452	-.010398	.0042014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.080	2552.702	44323.05	6359.961	3823.716
Stddev	16.315	10.035	395.59	53.421	12.415
%RSD	1.109031	.3931144	.8925058	.8399637	.3246880

#1	1456.372	2541.568	43898.62	6306.678	3810.628
#2	1468.239	2555.489	44389.05	6413.520	3825.194
#3	1488.629	2561.048	44681.49	6359.686	3835.326

Sample Name: WIPE MDL #7 Acquired: 11/21/2017 16:03:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042689	.0079579	.0017389	.0043697	.0082856	.0211677	.0196006
Stddev	.0023134	.0011469	.0007449	.0003293	.0005377	.0069485	.0000938
%RSD	54.19147	14.41178	42.83859	7.536730	6.490083	32.82588	.4785042

#1	.0056753	.0079210	.0021833	.0041345	.0078191	.0291554	.0196402
#2	.0055325	.0068299	.0021544	.0042286	.0081639	.0165184	.0194934
#3	.0015989	.0091228	.0008789	.0047461	.0088737	.0178295	.0196680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012112	.0010902	.4424305	.0018300	.0060326	.0076451	.0277684
Stddev	.0000500	.0000127	.0086509	.0003540	.0001349	.0013044	.0039964
%RSD	4.132523	1.168179	1.955321	19.34501	2.235901	17.06184	14.39207

#1	.0011892	.0010809	.4361672	.0021404	.0060045	.0090655	.0245670
#2	.0011760	.0010850	.4523013	.0019052	.0061793	.0065009	.0264907
#3	.0012685	.0011047	.4388229	.0014444	.0059139	.0073690	.0322474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049069	.4143188	.0076195	.0029859	.2495318	.0055385	.0114722
Stddev	.0001296	.0062374	.0003936	.0001906	.1192529	.0020333	.0011845
%RSD	2.640455	1.505464	5.165843	6.383029	47.79067	36.71138	10.32521

#1	.0050125	.4184098	.0073690	.0031748	.2078518	.0065509	.0125819
#2	.0049459	.4071398	.0074163	.0029891	.1567129	.0068669	.0116100
#3	.0047623	.4174068	.0080732	.0027937	.3840307	.0031978	.0102249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2425729	.0021633	.0213710	.0446000	.0109877	.0889074	.0069831
Stddev	.0229085	.0010526	.0004655	.0001145	.0015581	.0004144	.0010041
%RSD	9.443956	48.65727	2.177986	.2567682	14.18072	.4661147	14.37877

#1	.2690232	.0020083	.0217075	.0447295	.0098444	.0885990	.0059158
#2	.2296351	.0011968	.0208398	.0445121	.0103562	.0893785	.0071246
#3	.2290603	.0032848	.0215658	.0445583	.0127625	.0887447	.0079090

Sample Name: WIPE MDL #7 Acquired: 11/21/2017 16:03:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0093234	-.009791	.0045120
Stddev	.0005441	.000736	.0000403
%RSD	5.835842	7.519305	.8929782

#1	.0097061	-.010633	.0044743
#2	.0087005	-.009270	.0045545
#3	.0095636	-.009470	.0045073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.711	2644.483	45635.26	6541.901	3960.026
Stddev	10.117	18.021	116.02	41.748	21.845
%RSD	.6630754	.6814689	.2542356	.6381694	.5516441

#1	1520.166	2625.047	45712.40	6507.348	3936.604
#2	1519.579	2647.764	45691.53	6530.064	3963.630
#3	1537.388	2660.639	45501.83	6588.289	3979.846

Sample Name: CCV086 Acquired: 11/21/2017 16:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809468	4.645670	24.27503	4.929046	4.797544	386.1480
Stddev	.015551	.042287	.07149	.021531	.021536	1.5849
%RSD	.3233317	.9102524	.2945075	.4368170	.4488942	.4104329

#1	4.801628	4.690015	24.34161	4.929224	4.792600	387.6464
#2	4.827378	4.641199	24.28401	4.950488	4.821122	384.4889
#3	4.799398	4.605796	24.19948	4.907427	4.778911	386.3087

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.350956	.5315347	2.467337	383.5991	14.85933	2.524485
Stddev	.052339	.0032978	.012215	1.5104	.01442	.007683
%RSD	.5597159	.6204241	.4950696	.3937344	.0970373	.3043527

#1	9.381721	.5349282	2.480866	384.7810	14.87463	2.532051
#2	9.290524	.5283418	2.464026	381.8975	14.85736	2.524714
#3	9.380623	.5313341	2.457119	384.1188	14.84600	2.516689

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.16351	388.4596	14.28273	389.2077	2.269801	1.155845
Stddev	.02130	1.3555	.06271	1.2924	.006526	.003333
%RSD	.1503779	.3489371	.4390426	.3320611	.2875300	.2883772

#1	14.13936	388.3769	14.32223	389.4258	2.275646	1.155212
#2	14.17962	387.1474	14.21042	387.8201	2.270997	1.159450
#3	14.17156	389.8545	14.31552	390.3771	2.262759	1.152874

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	374.2542	2.689332	16.48091	137.7781	4.997358	F 4.046916
Stddev	.4835	.007498	.18466	.3174	.052609	.026724
%RSD	.1291858	.2787896	1.120462	.2303865	1.052726	.6603473

#1	374.7258	2.691442	16.28899	137.7104	5.048384	4.073981
#2	373.7597	2.681005	16.65734	137.4999	5.000393	4.020547
#3	374.2771	2.695548	16.49641	138.1238	4.943298	4.046220

Sample Name: CCV086 Acquired: 11/21/2017 16:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.841850	5.062423	4.551084	5.298304	4.868266	4.723642
Stddev	.009258	.037003	.034155	.019891	.010012	.023823
%RSD	.1912123	.7309430	.7504872	.3754260	.2056491	.5043325

#1	4.843690	5.103072	4.566805	5.319553	4.873985	4.748680
#2	4.850051	5.053501	4.511899	5.295230	4.856706	4.720988
#3	4.831811	5.030696	4.574548	5.280129	4.874108	4.701257

Elem	Sr4077
Units	ppm
Avg	4.907037
Stddev	.053165
%RSD	1.083434

#1	4.933683
#2	4.845818
#3	4.941608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1165.177	2041.429	36393.15	5991.737	2419.266
Stddev	11.030	6.769	128.10	31.707	6.882
%RSD	.9466403	.3315944	.3519791	.5291840	.2844821

#1	1174.990	2045.274	36493.52	5969.323	2418.783
#2	1153.239	2033.613	36248.87	6028.015	2412.638
#3	1167.301	2045.401	36437.05	5977.872	2426.378

Sample Name: CCB086 Acquired: 11/21/2017 16:30:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003245	.0006853	-.000962	.0007722	-.002474	.0062433	-.000762
Stddev	.0016898	.0011338	.000896	.0021744	.000439	.0021973	.000137
%RSD	520.6798	165.4437	93.10109	281.6060	17.75043	35.19421	18.00931

#1	.0019401	.0014416	-.000262	-.000687	-.002027	.0087639	-.000831
#2	.0004644	-.000618	-.001972	.003271	-.002489	.0047328	-.000851
#3	-.001431	.001233	-.000654	-.000268	-.002905	.0052331	-.000604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000100	-.000034	.0095530	-.000277	.0000694	.0045382	.0097985
Stddev	.0000195	.000012	.0024045	.000382	.0000967	.0005404	.0066748
%RSD	195.1367	34.30527	25.17041	137.5933	139.2559	11.90716	68.12081

#1	-.000010	-.000044	.0116766	.000161	.0000967	.0039683	.0026537
#2	.000029	-.000036	.0100401	-.000454	.0001496	.0046032	.0108673
#3	.000010	-.000021	.0069422	-.000539	-.000038	.0050432	.0158744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000302	.0135891	.0000897	.0003782	-.113471	-.001889	.0003067
Stddev	.000097	.0083062	.0003564	.0000449	.023240	.004075	.0019861
%RSD	32.00977	61.12411	397.4648	11.87109	20.48100	215.7679	647.6097

#1	-.000197	.0229189	-.000192	.0003383	-.089298	-.006003	.0020459
#2	-.000320	.0069982	-.000029	.0004268	-.115466	-.001808	-.001857
#3	-.000388	.0108503	.000490	.0003697	-.135650	.002145	.000732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015047	.0009685	.0046360	.0005328	.0058329	-.000708	-.000190
Stddev	.014444	.0010182	.0005926	.0002002	.0017197	.000424	.000479
%RSD	95.98956	105.1319	12.78225	37.58500	29.48255	59.85409	251.9787

#1	-.011218	.0001629	.0046825	.0007137	.0078100	-.001083	.000090
#2	-.031019	.0021130	.0040216	.0003176	.0046849	-.000248	-.000744
#3	-.002904	.0006297	.0052040	.0005671	.0050037	-.000792	.000083

Sample Name: CCB086 Acquired: 11/21/2017 16:30:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v290) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000813	-.002287	-.000087
Stddev	.0008778	.000141	.000019
%RSD	1079.184	6.158362	22.12169

#1	.0004513	-.002399	-.000090
#2	.0007135	-.002129	-.000104
#3	-.000921	-.002332	-.000066

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.597	2573.948	44650.39	6350.196	3875.215
Stddev	15.258	9.481	373.20	88.238	11.078
%RSD	1.029153	.3683460	.8358193	1.389530	.2858555

#1	1472.827	2565.338	44294.32	6351.963	3865.157
#2	1474.785	2584.109	44618.23	6261.087	3887.088
#3	1500.180	2572.397	45038.63	6437.537	3873.399