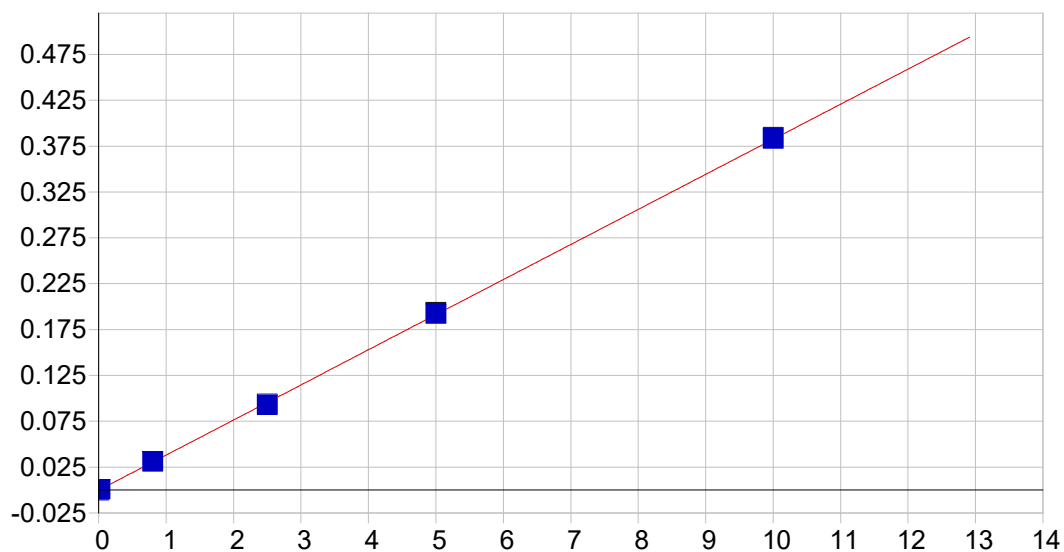




**As 189.042 {479}**

Date of Fit: 07/21/2023 22:02:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000089

Re-Slope: 1.000000

A1 (Gain): 0.038257

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999939

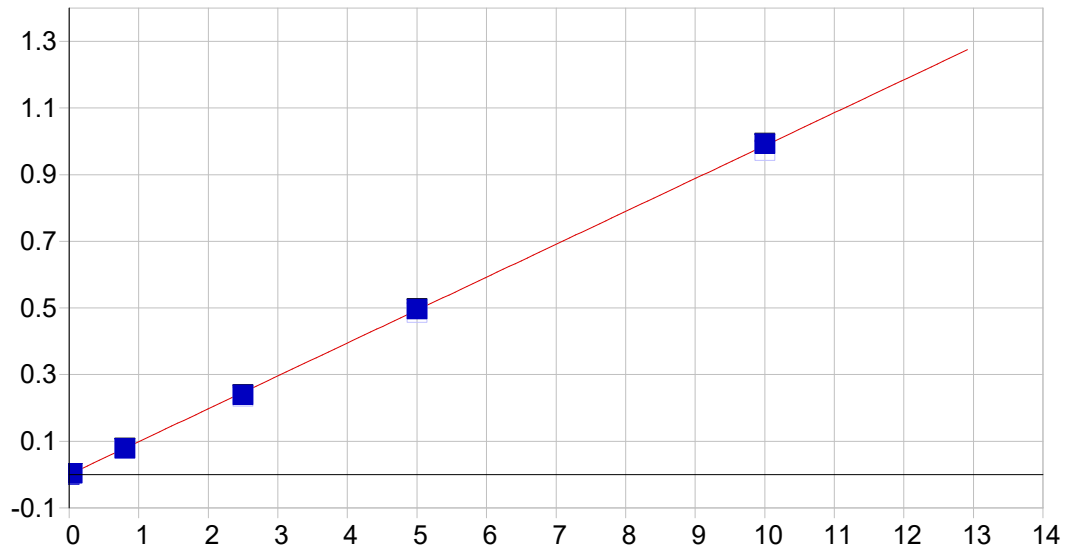
Status: OK.

Std Error of Est: 0.000010

Predicted MDL: 0.005655

Predicted MQL: 0.018850

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .01920      | -.001      | -4.02   | .00066  | .000    | 1        |
| S3        | 2.5000       | 2.4346      | -.065      | -2.62   | .09318  | .000    | 1        |
| S4        | 5.0000       | 5.0352      | .035       | .704    | .19280  | .001    | 1        |
| S5        | 10.000       | 10.018      | .018       | .181    | .38368  | .001    | 1        |
| S2        | .80000       | .81296      | .013       | 1.62    | .03105  | .000    | 1        |

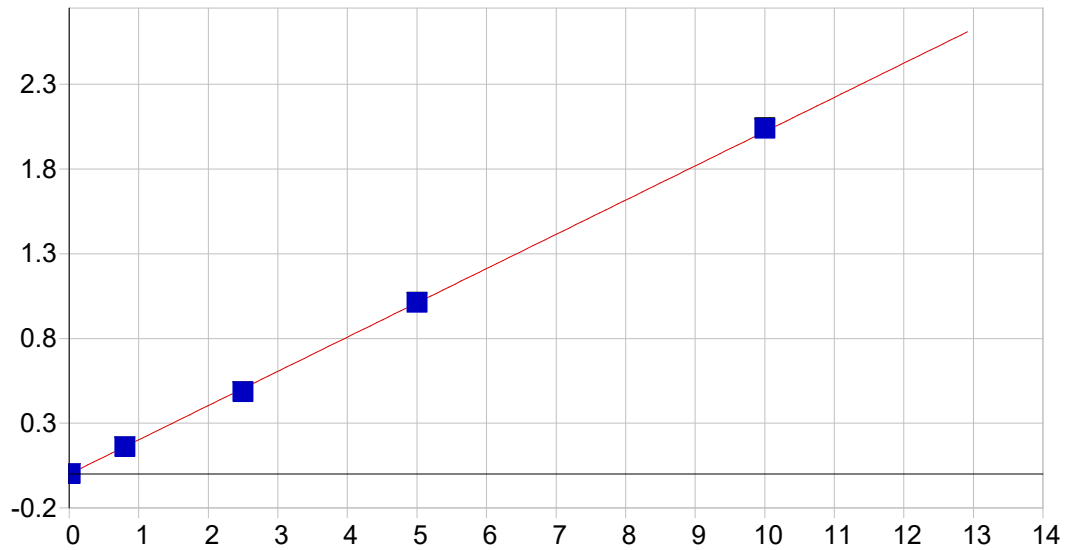


TI 190.856 {477}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000  
 A1 (Gain): 0.098710 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999915 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.002355  
 Predicted MQL: 0.007850

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00007 | .000    | 1        |
| S1        | .04000       | .03925      | -.001      | -1.88   | .00378 | .000    | 1        |
| S3        | 2.5000       | 2.4202      | -.080      | -3.19   | .23381 | .001    | 1        |
| S4        | 5.0000       | 5.0272      | .027       | .543    | .48599 | .002    | 1        |
| S5        | 10.000       | 10.053      | .053       | .531    | .97179 | .002    | 1        |
| S2        | .80000       | .80022      | .000       | .028    | .07741 | .001    | 1        |

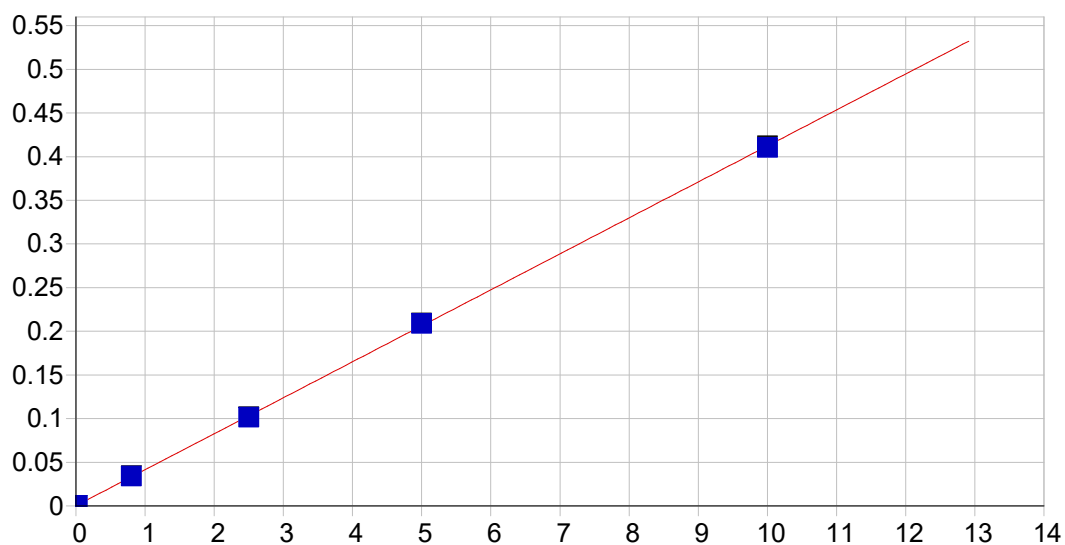


**Pb 220.353 {453}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000178 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.202077  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999865  | Status:   | OK.      |
| Std Error of Est: | 0.000060  |           |          |
| Predicted MDL:    | 0.002241  |           |          |
| Predicted MQL:    | 0.007469  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00018 | .000    | 1        |
| S1        | .01200       | .01264      | .001       | 5.32    | .00232  | .001    | 1        |
| S3        | 2.5000       | 2.3999      | -.100      | -4.01   | .48407  | .000    | 1        |
| S4        | 5.0000       | 5.0107      | .011       | .215    | 1.0109  | .002    | 1        |
| S5        | 10.000       | 10.092      | .092       | .923    | 2.0364  | .004    | 1        |
| S2        | .80000       | .79650      | -.003      | -.437   | .16055  | .002    | 1        |

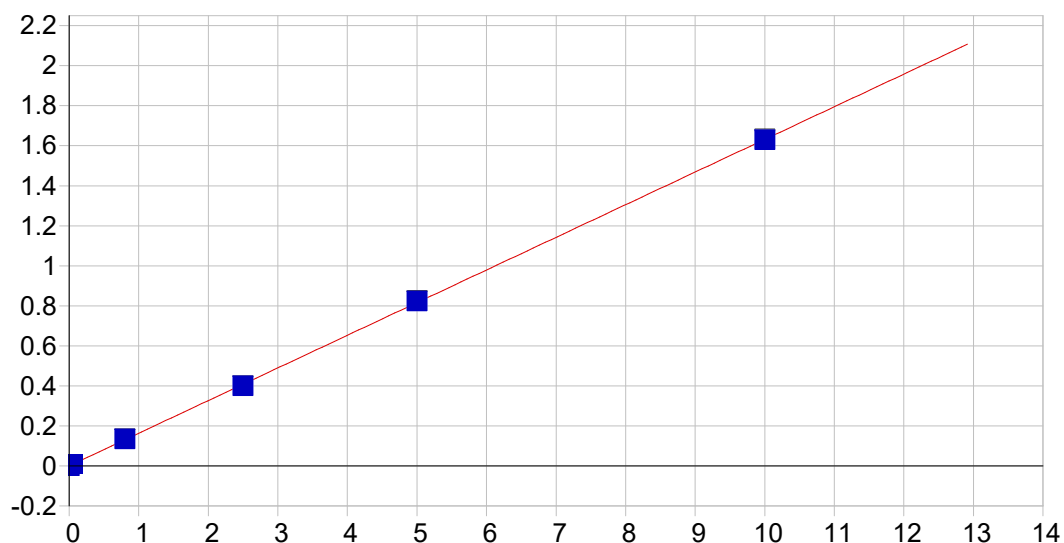


**Se 196.090 {472}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000238 Re-Slope: 1.000000  
 A1 (Gain): 0.041203 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.006056  
 Predicted MQL: 0.020188

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00024 | .000    | 1        |
| S1        | .02000       | .02031      | .000       | 1.53    | .00107 | .000    | 1        |
| S3        | 2.5000       | 2.4581      | -.042      | -1.68   | .10147 | .000    | 1        |
| S4        | 5.0000       | 5.0658      | .066       | 1.32    | .20887 | .000    | 1        |
| S5        | 10.000       | 9.9523      | -.048      | -.477   | .41011 | .002    | 1        |
| S2        | .80000       | .82347      | .023       | 2.93    | .03415 | .000    | 1        |

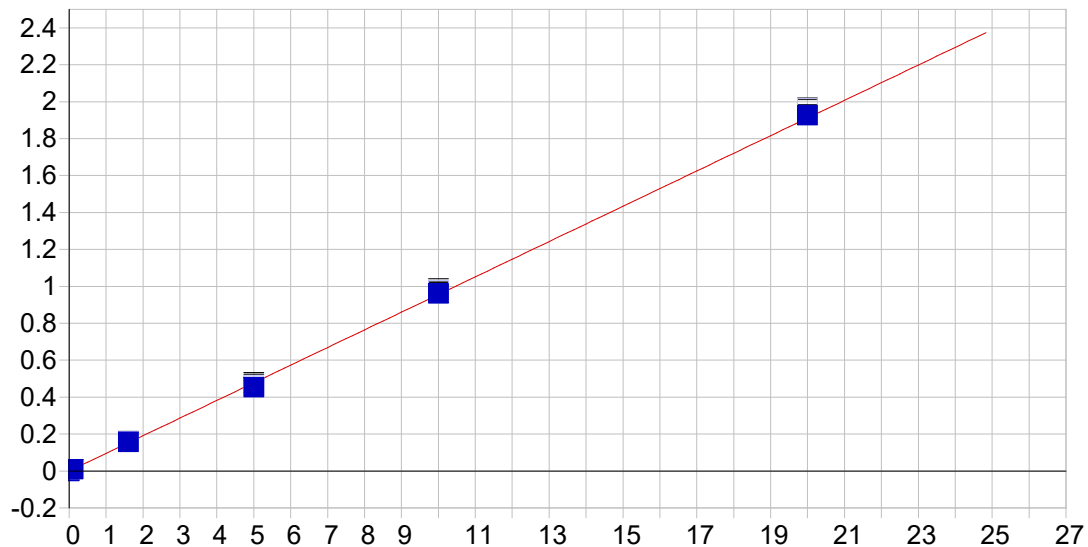


**Sb 206.833 {463}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000  
A1 (Gain): 0.163160 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999938 Status: OK.  
Std Error of Est: 0.000067  
Predicted MDL: 0.002038  
Predicted MQL: 0.006792

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .05000       | .05307      | .003       | 6.14    | .00873 | .000    | 1        |
| S3        | 2.5000       | 2.4471      | -.053      | -2.12   | .39933 | .001    | 1        |
| S4        | 5.0000       | 5.0456      | .046       | .913    | .82326 | .001    | 1        |
| S5        | 10.000       | 9.9835      | -.016      | -.165   | 1.6288 | .003    | 1        |
| S2        | .80000       | .82064      | .021       | 2.58    | .13398 | .001    | 1        |

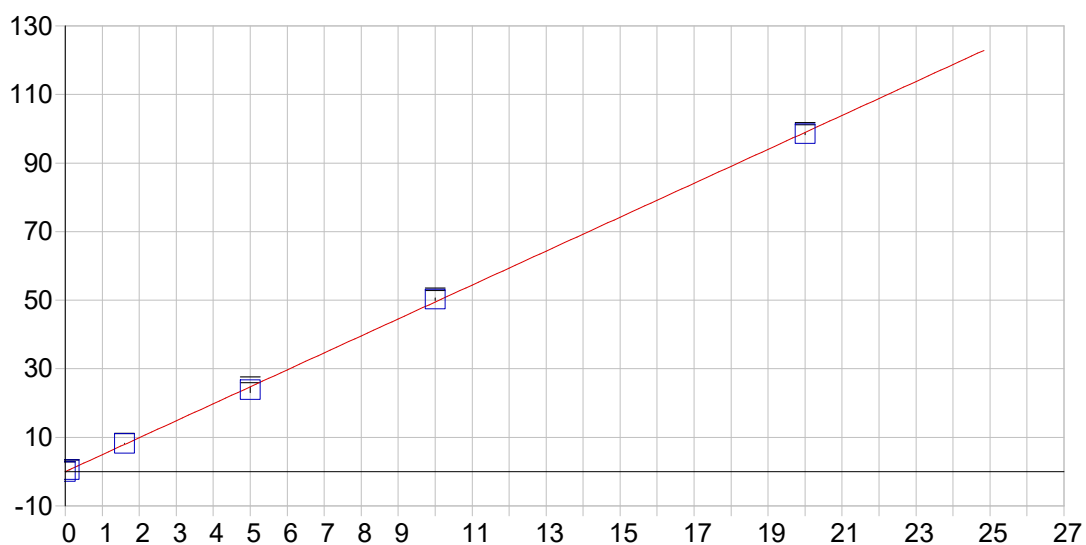


AI 396.152 { 85}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000393 Re-Slope: 1.000000  
 A1 (Gain): 0.095599 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999776 Status: OK.  
 Std Error of Est: 0.000153  
 Predicted MDL: 0.007644  
 Predicted MQL: 0.025480

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00039 | .000    | 1        |
| S1        | .10000       | .09939      | -.001      | -.608   | .00982  | .001    | 1        |
| S3        | 5.0000       | 4.7383      | -.262      | -5.23   | .46147  | .017    | 1        |
| S4        | 10.000       | 10.052      | .052       | .515    | .97829  | .008    | 1        |
| S5        | 20.000       | 20.156      | .156       | .781    | 1.9620  | .004    | 1        |
| S2        | 1.6000       | 1.6547      | .055       | 3.42    | .16064  | .000    | 1        |

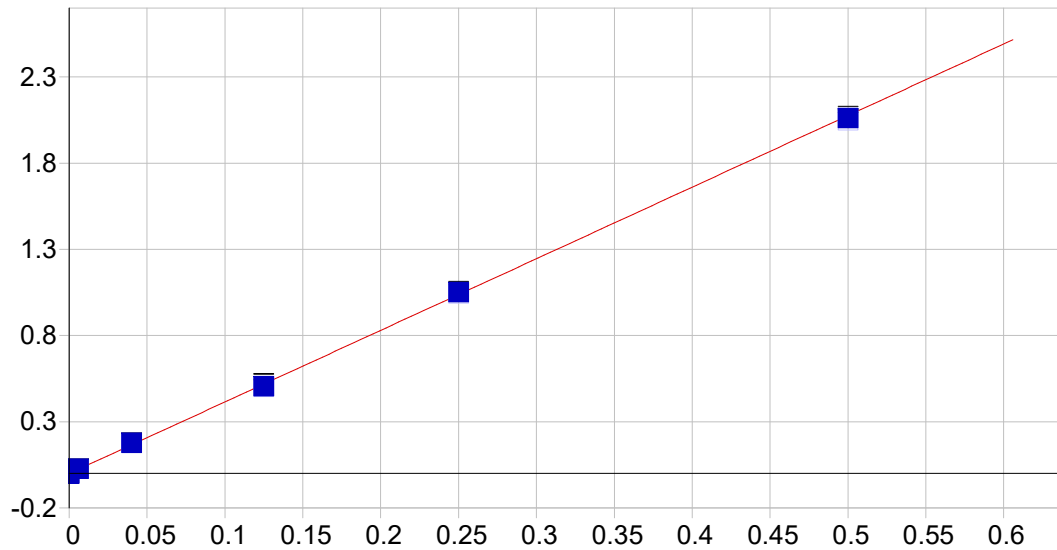


**Ba 493.409 { 68}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000844 Re-Slope: 1.000000  
 A1 (Gain): 4.947168 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999846 Status: OK.  
 Std Error of Est: 0.006434  
 Predicted MDL: 0.000334  
 Predicted MQL: 0.001114

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00087 | .001    | 1        |
| S1        | .10000       | .10334      | .003       | 3.34    | .51037  | .003    | 1        |
| S3        | 5.0000       | 4.8343      | -.166      | -3.31   | 23.915  | .833    | 1        |
| S4        | 10.000       | 10.170      | .170       | 1.70    | 50.312  | .382    | 1        |
| S5        | 20.000       | 19.929      | -.071      | -.357   | 98.589  | .307    | 1        |
| S2        | 1.6000       | 1.6637      | .064       | 3.98    | 8.2297  | .029    | 1        |

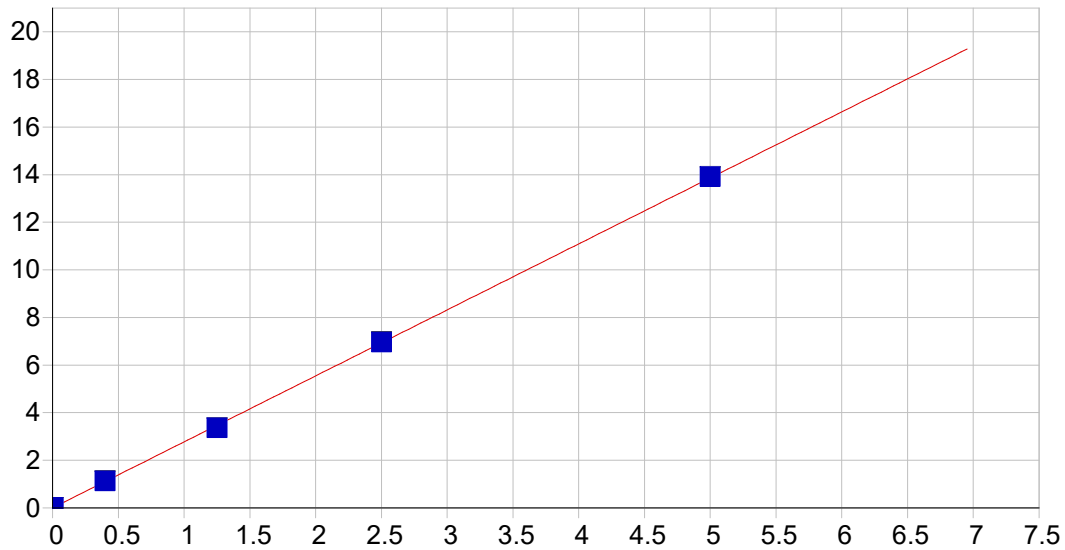


**Be 234.861 {144}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000554 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.153779  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999777  | Status:   | OK.      |
| Std Error of Est: | 0.000251  |           |          |
| Predicted MDL:    | 0.000070  |           |          |
| Predicted MQL:    | 0.000235  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00056 | .000    | 1        |
| S1        | .00600       | .00660      | .001       | 10.0    | .02658  | .000    | 1        |
| S3        | .12500       | .12180      | -.003      | -2.56   | .50188  | .017    | 1        |
| S4        | .25000       | .25325      | .003       | 1.30    | 1.0444  | .006    | 1        |
| S5        | .50000       | .49655      | -.003      | -.690   | 2.0480  | .010    | 1        |
| S2        | .04000       | .04281      | .003       | 7.01    | .17614  | .001    | 1        |

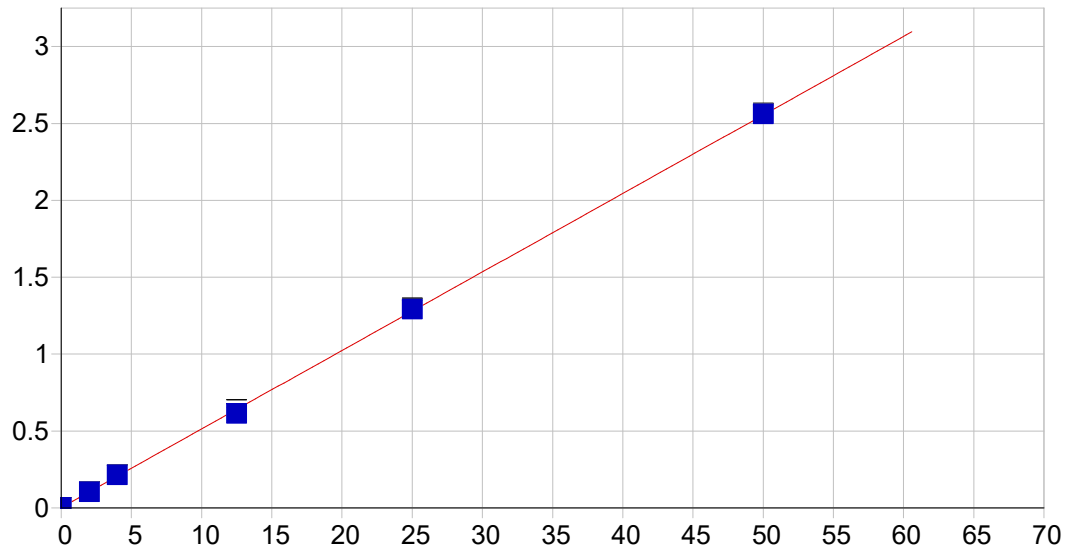


**Cd 214.438 {457}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000526 Re-Slope: 1.000000  
 A1 (Gain): 2.772848 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999919 Status: OK.  
 Std Error of Est: 0.000321  
 Predicted MDL: 0.000114  
 Predicted MQL: 0.000381

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00052 | .000    | 1        |
| S1        | .00600       | .00702      | .001       | 17.0    | .01999 | .001    | 1        |
| S3        | 1.2500       | 1.2131      | -.037      | -2.96   | 3.3644 | .003    | 1        |
| S4        | 2.5000       | 2.5113      | .011       | .452    | 6.9644 | .020    | 1        |
| S5        | 5.0000       | 5.0179      | .018       | .359    | 13.915 | .012    | 1        |
| S2        | .40000       | .40669      | .007       | 1.67    | 1.1283 | .013    | 1        |

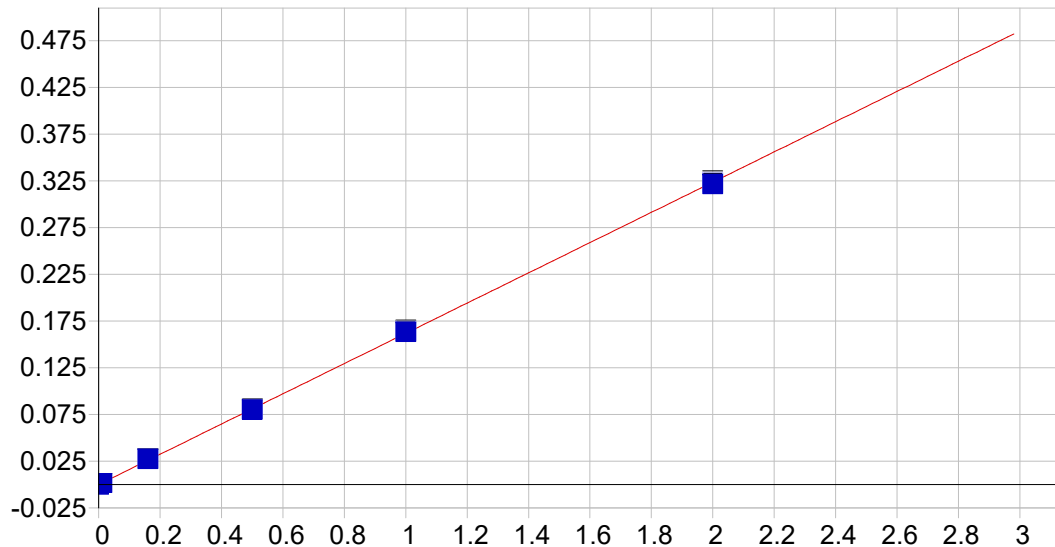


Ca 373.690 { 90}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003047 Re-Slope: 1.000000  
 A1 (Gain): 0.051038 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999831 Status: OK.  
 Std Error of Est: 0.000497  
 Predicted MDL: 0.010557  
 Predicted MQL: 0.035189

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00305 | .000    | 1        |
| S2        | 4.0000       | 4.1413      | .141       | 3.53    | .21433 | .001    | 1        |
| S3        | 12.500       | 11.961      | -.539      | -4.31   | .61328 | .025    | 1        |
| S4        | 25.000       | 25.276      | .276       | 1.10    | 1.2926 | .007    | 1        |
| S5        | 50.000       | 50.132      | .132       | .265    | 2.5607 | .006    | 1        |
| S1        | 2.0000       | 1.9888      | -.011      | -.560   | .10454 | .001    | 1        |

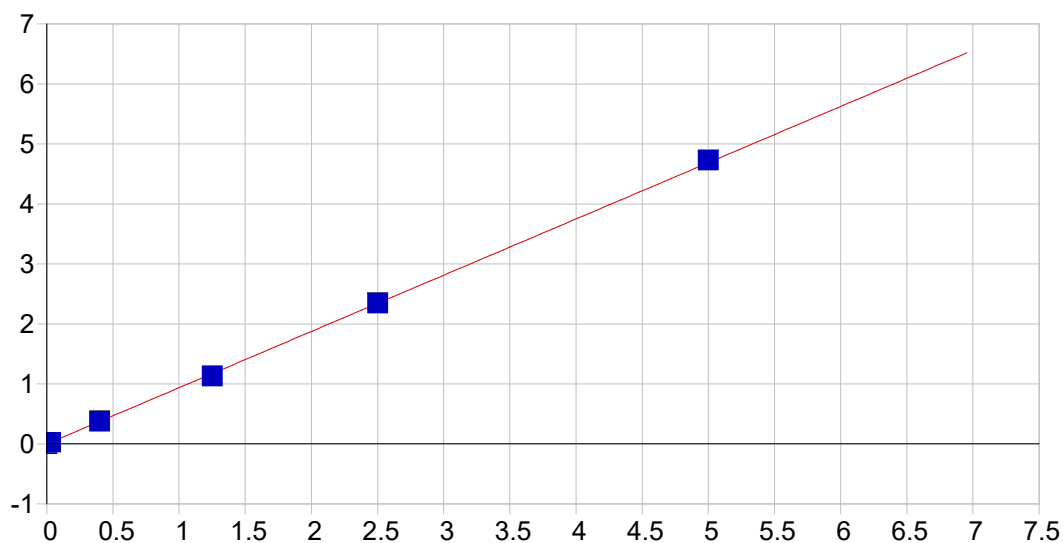


Cr 267.716 {126}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000  
 A1 (Gain): 0.161831 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.000476  
 Predicted MQL: 0.001587

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01027      | .000       | 2.71    | .00172 | .000    | 1        |
| S3        | .50000       | .49552      | -.004      | -.897   | .08080 | .000    | 1        |
| S4        | 1.0000       | 1.0089      | .009       | .890    | .16445 | .001    | 1        |
| S5        | 2.0000       | 1.9864      | -.014      | -.678   | .32379 | .001    | 1        |
| S2        | .16000       | .16887      | .009       | 5.54    | .02755 | .000    | 1        |

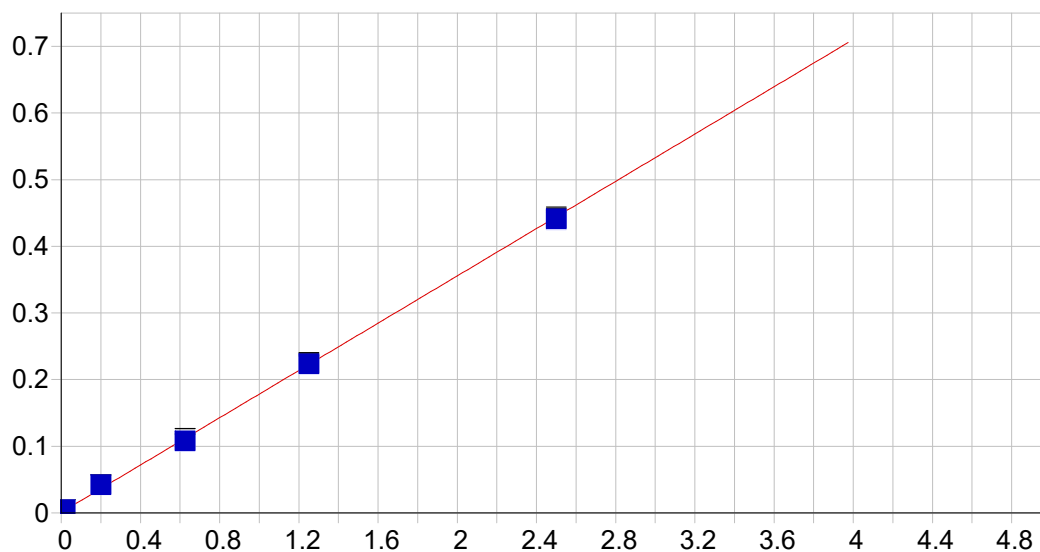


**Co 228.616 {448}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000528 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.937445  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999888  | Status:   | OK.      |
| Std Error of Est: | 0.000286  |           |          |
| Predicted MDL:    | 0.000338  |           |          |
| Predicted MQL:    | 0.001126  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00053 | .000    | 1        |
| S1        | .03000       | .03066      | .001       | 2.21    | .02813  | .001    | 1        |
| S3        | 1.2500       | 1.2042      | -.046      | -3.66   | 1.1308  | .000    | 1        |
| S4        | 2.5000       | 2.5015      | .002       | .061    | 2.3494  | .008    | 1        |
| S5        | 5.0000       | 5.0434      | .043       | .867    | 4.7371  | .004    | 1        |
| S2        | .40000       | .40024      | .000       | .061    | .37546  | .004    | 1        |

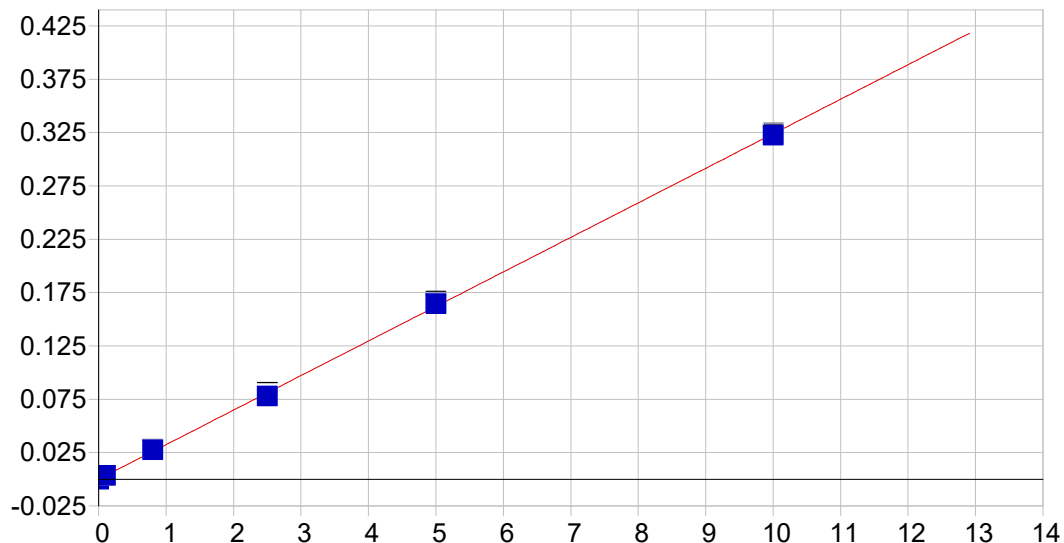


**Cu 324.754 {104}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000966 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.177357 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999305 | Status:   | OK.      |
| Std Error of Est: | 0.000077 |           |          |
| Predicted MDL:    | 0.002183 |           |          |
| Predicted MQL:    | 0.007277 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00096 | .000    | 1        |
| S1        | .02000       | .02186      | .002       | 9.32    | .00484 | .000    | 1        |
| S3        | .62500       | .60234      | -.023      | -3.63   | .10728 | .004    | 1        |
| S4        | 1.2500       | 1.2560      | .006       | .484    | .22271 | .002    | 1        |
| S5        | 2.5000       | 2.4825      | -.017      | -.698   | .43922 | .003    | 1        |
| S2        | .20000       | .23220      | .032       | 16.1    | .04198 | .000    | 1        |

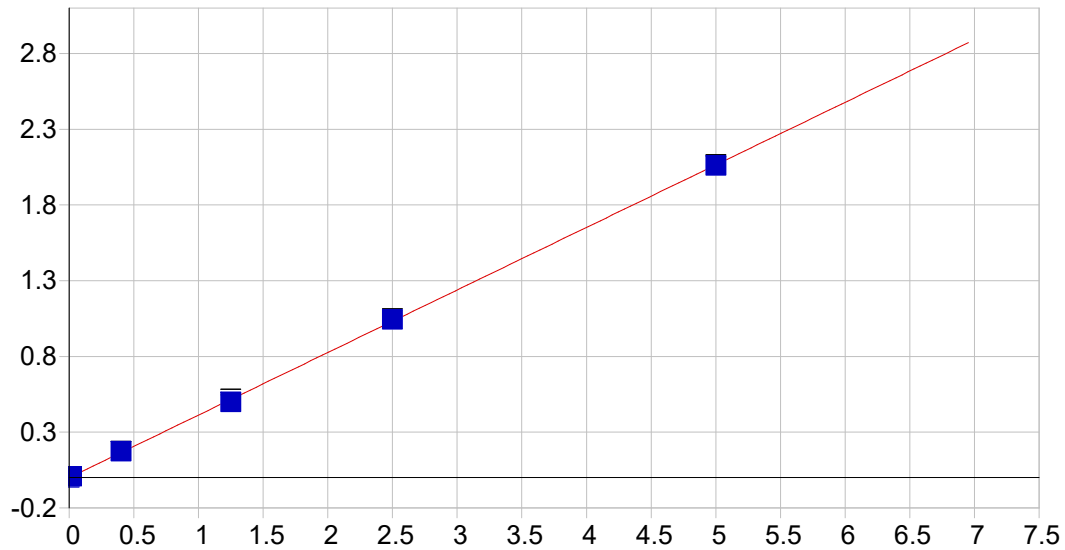


### Fe 259.837 {130}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000037 Re-Slope: 1.000000  
 A1 (Gain): 0.032383 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999742 Status: OK.  
 Std Error of Est: 0.000039  
 Predicted MDL: 0.006780  
 Predicted MQL: 0.022600

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .10000       | .10975      | .010       | 9.75    | .00360 | .000    | 1        |
| S3        | 2.5000       | 2.4043      | -.096      | -3.83   | .07829 | .003    | 1        |
| S4        | 5.0000       | 5.0818      | .082       | 1.64    | .16540 | .002    | 1        |
| S5        | 10.000       | 9.9520      | -.048      | -.480   | .32390 | .001    | 1        |
| S2        | .80000       | .85212      | .052       | 6.51    | .02776 | .000    | 1        |

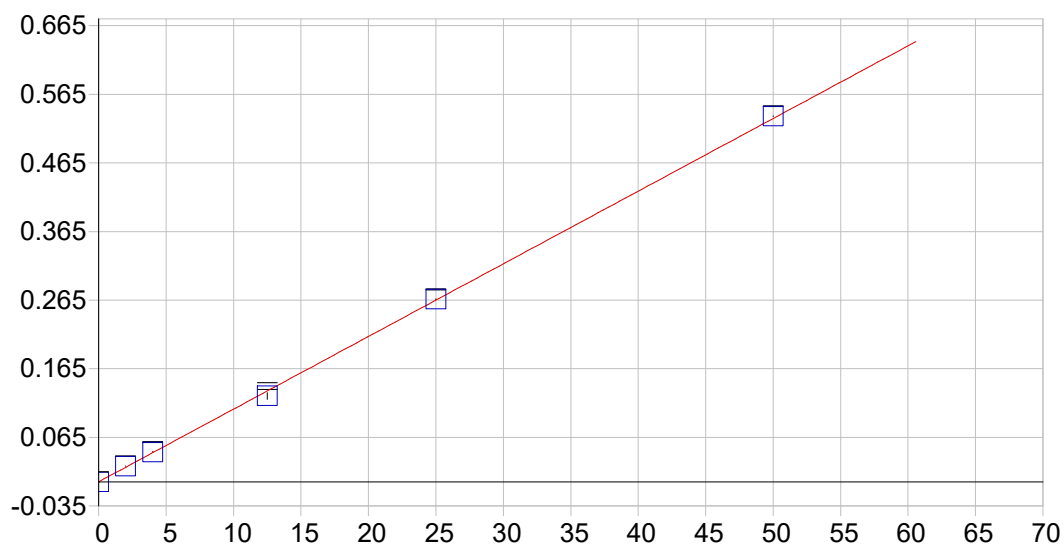


**Mn 257.610 {131}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000018 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.412939 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999842 | Status:   | OK.      |
| Std Error of Est: | 0.000122 |           |          |
| Predicted MDL:    | 0.000472 |           |          |
| Predicted MQL:    | 0.001574 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .02000       | .02178      | .002       | 8.90    | .00901 | .000    | 1        |
| S3        | 1.2500       | 1.2092      | -.041      | -3.26   | .49943 | .019    | 1        |
| S4        | 2.5000       | 2.5287      | .029       | 1.15    | 1.0444 | .005    | 1        |
| S5        | 5.0000       | 4.9899      | -.010      | -.203   | 2.0609 | .005    | 1        |
| S2        | .40000       | .42050      | .020       | 5.12    | .17369 | .001    | 1        |

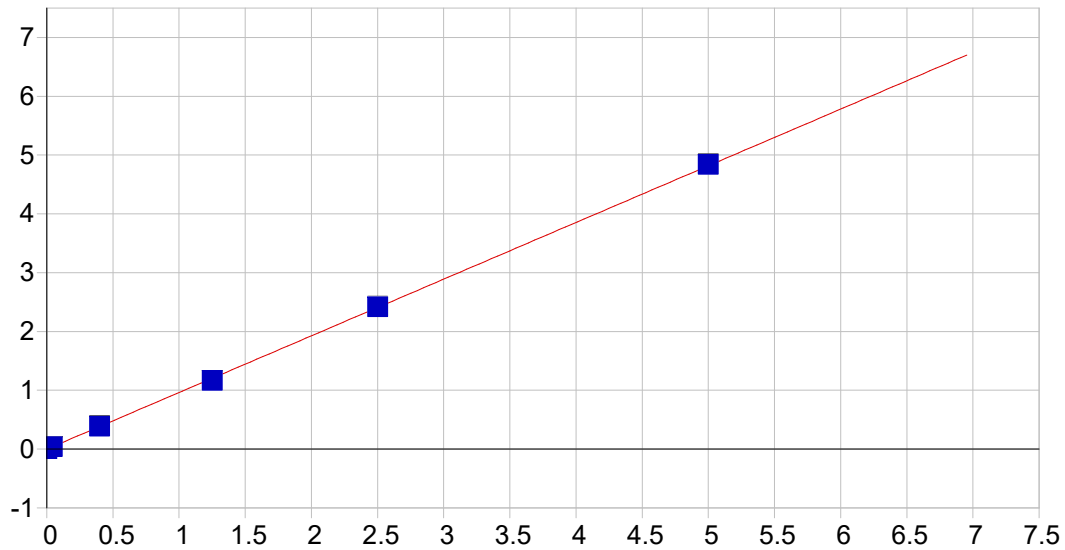


### Mg 279.079 {121}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000139 Re-Slope: 1.000000  
 A1 (Gain): 0.010592 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999708 Status: OK.  
 Std Error of Est: 0.000135  
 Predicted MDL: 0.024173  
 Predicted MQL: 0.080576

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00012     | -.000      | .000    | .00014 | .000    | 1        |
| S2        | 4.0000       | 4.0886      | .089       | 2.21    | .04345 | .001    | 1        |
| S3        | 12.500       | 11.815      | -.685      | -5.48   | .12529 | .005    | 1        |
| S4        | 25.000       | 25.122      | .122       | .489    | .26624 | .001    | 1        |
| S5        | 50.000       | 50.316      | .316       | .632    | .53310 | .000    | 1        |
| S1        | 2.0000       | 2.1580      | .158       | 7.90    | .02300 | .000    | 1        |

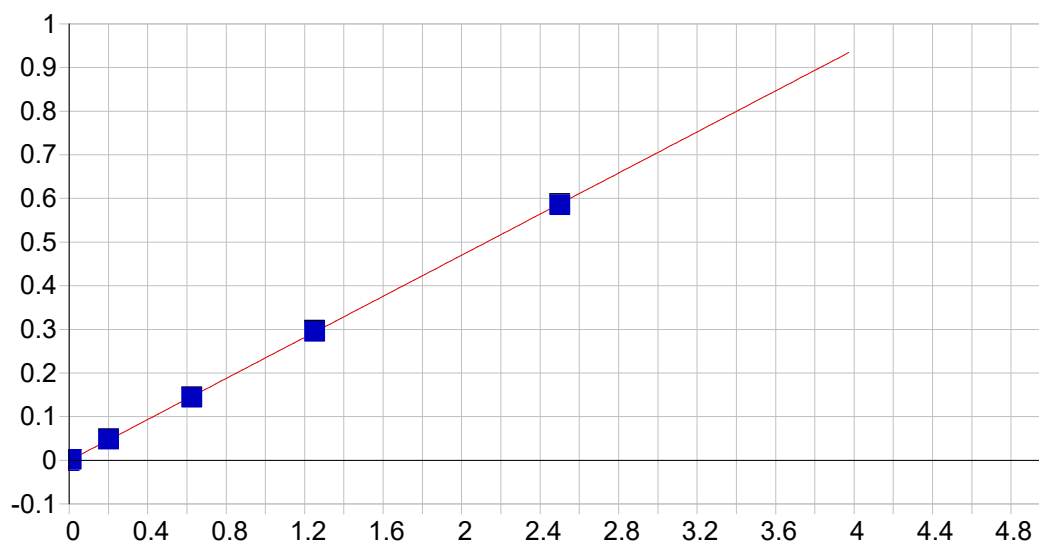


### Ni 231.604 {446}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001238 Re-Slope: 1.000000  
 A1 (Gain): 0.963833 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999915 Status: OK.  
 Std Error of Est: 0.000296  
 Predicted MDL: 0.000427  
 Predicted MQL: 0.001422

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00124 | .000    | 1        |
| S1        | .04000       | .04108      | .001       | 2.70    | .03839  | .001    | 1        |
| S3        | 1.2500       | 1.2093      | -.041      | -3.26   | 1.1655  | .001    | 1        |
| S4        | 2.5000       | 2.5116      | .012       | .466    | 2.4219  | .006    | 1        |
| S5        | 5.0000       | 5.0233      | .023       | .467    | 4.8450  | .003    | 1        |
| S2        | .40000       | .40468      | .005       | 1.17    | .38917  | .004    | 1        |

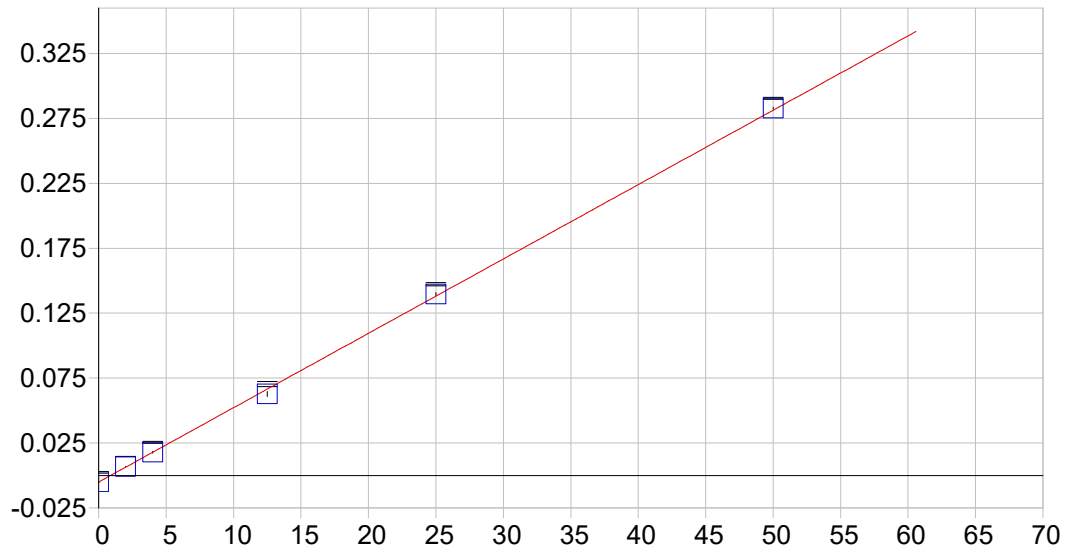


**Ag 328.068 {103}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000753 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.235369  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999932  | Status:   | OK.      |
| Std Error of Est: | 0.000023  |           |          |
| Predicted MDL:    | 0.000492  |           |          |
| Predicted MQL:    | 0.001641  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00075 | .000    | 1        |
| S1        | .01000       | .01063      | .001       | 6.27    | .00174  | .000    | 1        |
| S3        | .62500       | .61721      | -.008      | -1.25   | .14436  | .000    | 1        |
| S4        | 1.2500       | 1.2573      | .007       | .586    | .29487  | .003    | 1        |
| S5        | 2.5000       | 2.4908      | -.009      | -.370   | .58487  | .003    | 1        |
| S2        | .20000       | .20909      | .009       | 4.54    | .04841  | .000    | 1        |

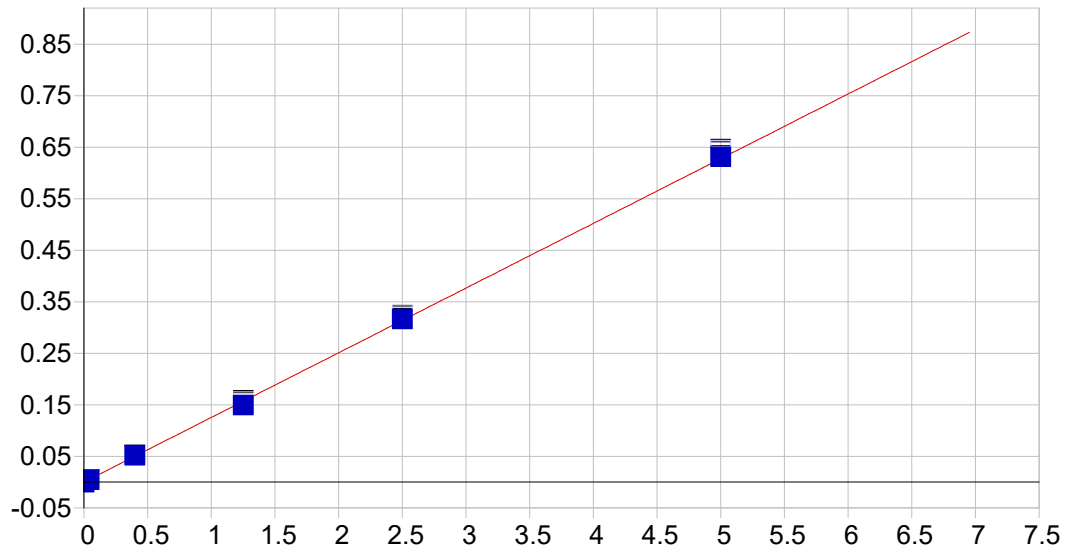


**Na 818.326 { 41}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005101 Re-Slope: 1.000000  
 A1 (Gain): 0.005728 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999769 Status: OK.  
 Std Error of Est: 0.000065  
 Predicted MDL: 0.208110  
 Predicted MQL: 0.693700

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.00510 | .001    | 1        |
| S2        | 4.0000       | 4.0164      | .016       | .409    | .01790  | .001    | 1        |
| S3        | 12.500       | 11.844      | -.656      | -5.25   | .06274  | .002    | 1        |
| S4        | 25.000       | 25.271      | .271       | 1.08    | .13965  | .001    | 1        |
| S5        | 50.000       | 50.277      | .277       | .554    | .28289  | .001    | 1        |
| S1        | 2.0000       | 2.0912      | .091       | 4.56    | .00688  | .000    | 1        |

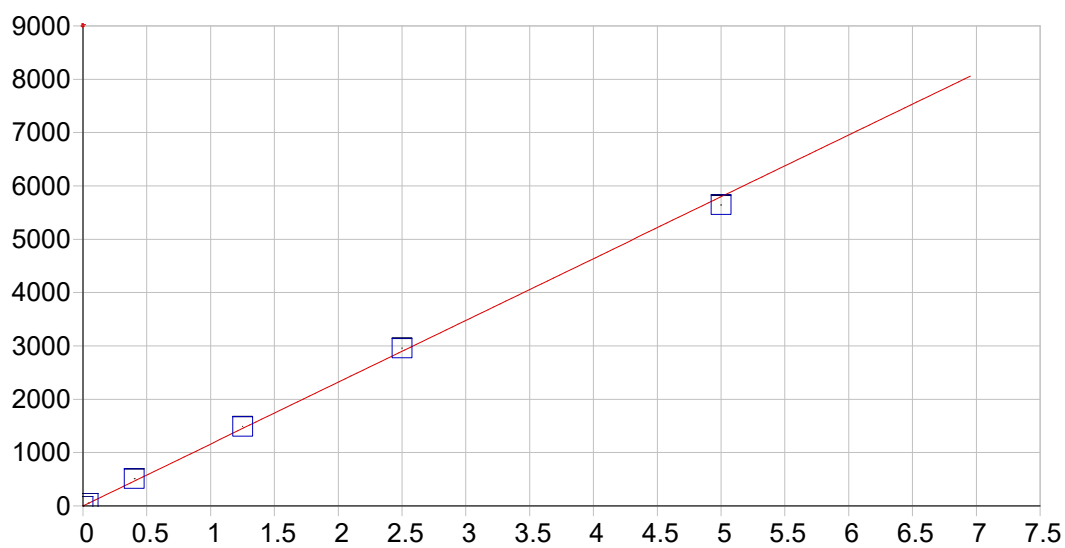


**V 292.402 {115}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000025 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.125550  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999804  | Status:   | OK.      |
| Std Error of Est: | 0.000060  |           |          |
| Predicted MDL:    | 0.002372  |           |          |
| Predicted MQL:    | 0.007908  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00002 | .000    | 1        |
| S1        | .04000       | .03692      | -.003      | -7.69   | .00486  | .000    | 1        |
| S3        | 1.2500       | 1.1918      | -.058      | -4.66   | .15273  | .006    | 1        |
| S4        | 2.5000       | 2.5197      | .020       | .790    | .32258  | .001    | 1        |
| S5        | 5.0000       | 5.0276      | .028       | .552    | .64370  | .003    | 1        |
| S2        | .40000       | .41407      | .014       | 3.52    | .05296  | .000    | 1        |

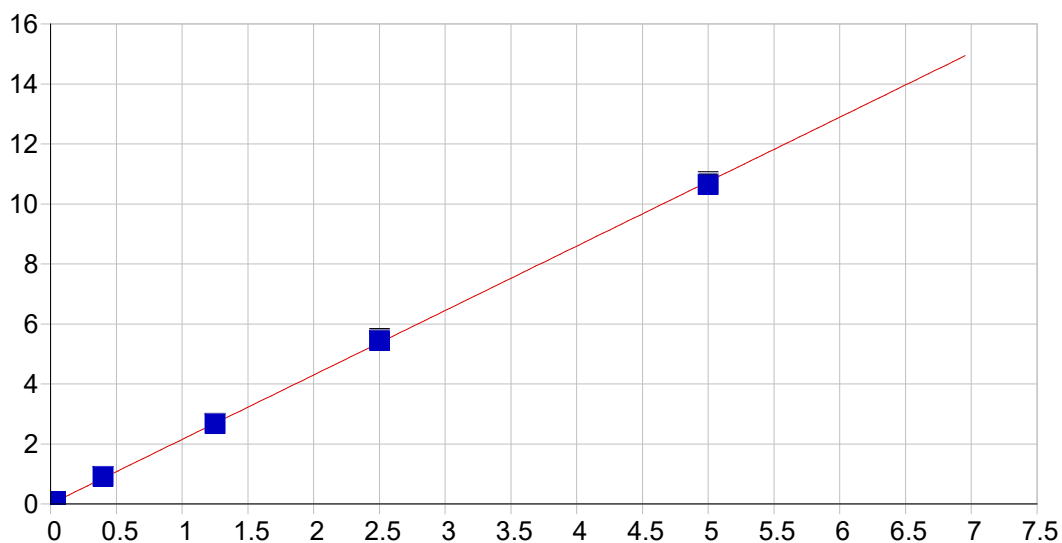


**Zn 206.200 {464}**

Date of Fit: 07/21/2023 22:02:14      Type of Fit: Linear      Weighting: 1/Conc

|                   |             |           |          |
|-------------------|-------------|-----------|----------|
| A0 (Offset):      | 1.080926    | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1158.980423 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000    |           |          |
| n (Exponent):     | 1.000000    |           |          |
| Correlation:      | 0.999467    | Status:   | OK.      |
| Std Error of Est: | 0.888607    |           |          |
| Predicted MDL:    | 0.000391    |           |          |
| Predicted MQL:    | 0.001303    |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | 1.0695 | .412    | 1        |
| S1        | .04000       | .04516      | .005       | 12.9    | 53.426 | .373    | 1        |
| S3        | 1.2500       | 1.2854      | .035       | 2.83    | 1490.8 | 2.00    | 1        |
| S4        | 2.5000       | 2.5531      | .053       | 2.12    | 2960.0 | 6.80    | 1        |
| S5        | 5.0000       | 4.8687      | -.131      | -2.63   | 5643.8 | 8.56    | 1        |
| S2        | .40000       | .43775      | .038       | 9.44    | 508.43 | .398    | 1        |

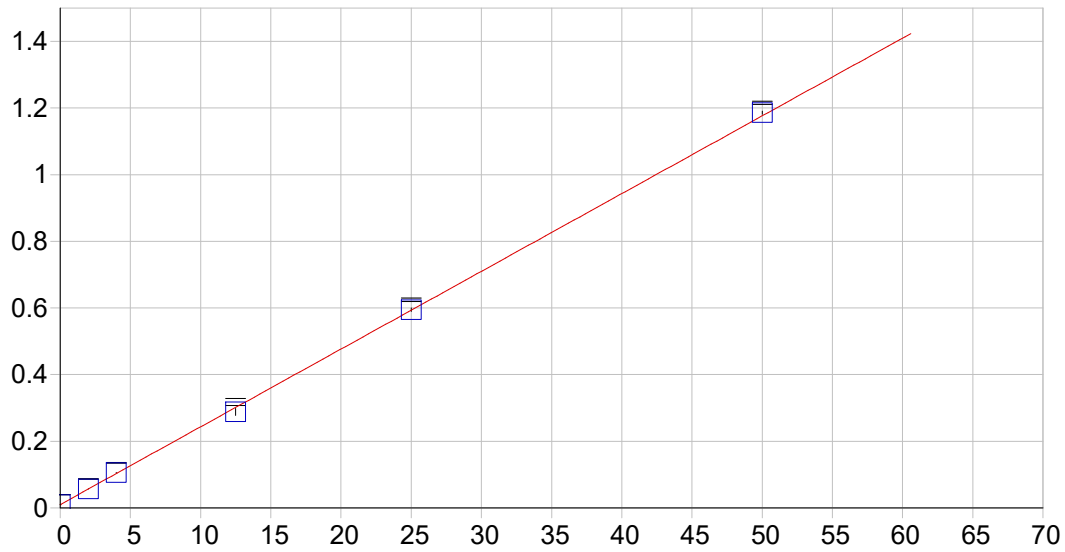


**Zn 213.856 {158}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000889 Re-Slope: 1.000000  
 A1 (Gain): 2.148459 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999867 Status: OK.  
 Std Error of Est: 0.000827  
 Predicted MDL: 0.000454  
 Predicted MQL: 0.001512

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00088 | .001    | 1        |
| S1        | .04000       | .04284      | .003       | 7.11    | .09343 | .001    | 1        |
| S3        | 1.2500       | 1.2408      | -.009      | -.732   | 2.6819 | .006    | 1        |
| S4        | 2.5000       | 2.5338      | .034       | 1.35    | 5.4750 | .042    | 1        |
| S5        | 5.0000       | 4.9501      | -.050      | -.997   | 10.697 | .047    | 1        |
| S2        | .40000       | .42232      | .022       | 5.58    | .91307 | .007    | 1        |

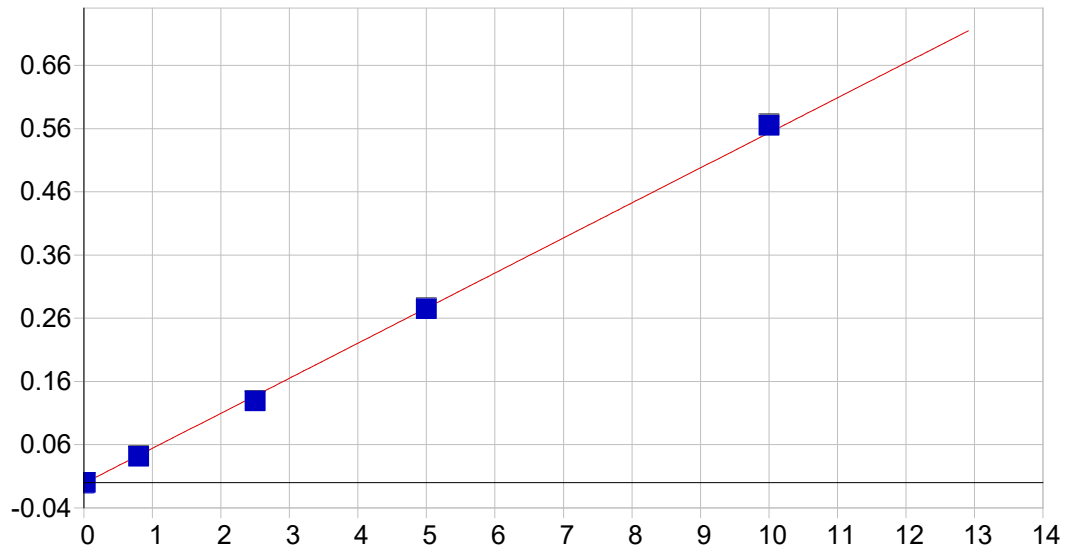


K 769.896 { 44}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010078 Re-Slope: 1.000000  
 A1 (Gain): 0.023326 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999821 Status: OK.  
 Std Error of Est: 0.000233  
 Predicted MDL: 0.054770  
 Predicted MQL: 0.182565

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .01008 | .001    | 1        |
| S2        | 4.0000       | 4.1016      | .102       | 2.54    | .10575 | .001    | 1        |
| S3        | 12.500       | 11.916      | -.584      | -4.68   | .28803 | .011    | 1        |
| S4        | 25.000       | 25.068      | .068       | .270    | .59482 | .006    | 1        |
| S5        | 50.000       | 50.402      | .402       | .804    | 1.1858 | .005    | 1        |
| S1        | 2.0000       | 2.0133      | .013       | .666    | .05704 | .000    | 1        |

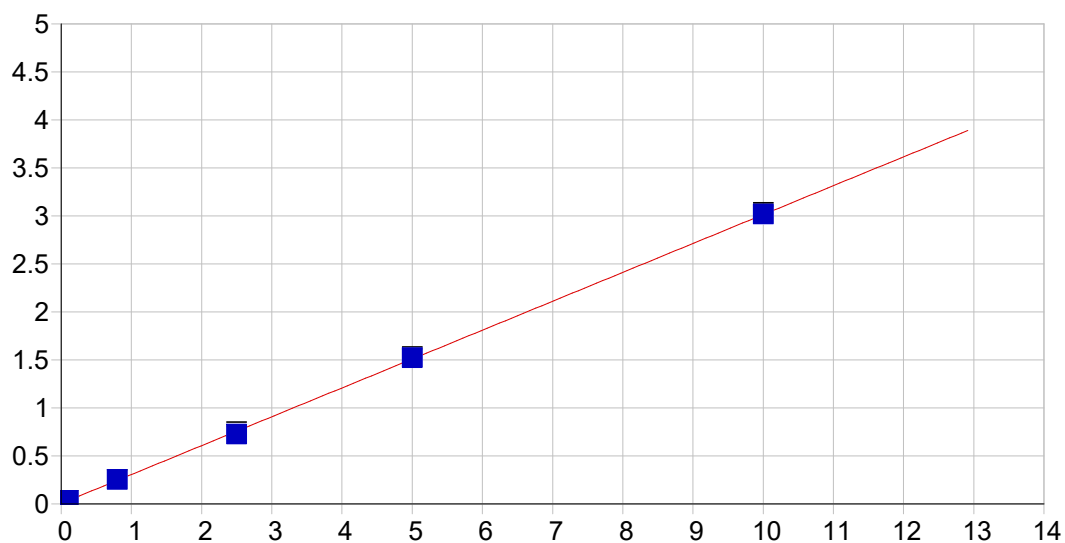


P 177.495 {490}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001220 Re-Slope: 1.000000  
 A1 (Gain): 0.055452 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999586 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.003631  
 Predicted MQL: 0.012104

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00122 | .000    | 1        |
| S1        | .02000       | .01854      | -.001      | -7.29   | -.00018 | .000    | 1        |
| S3        | 2.5000       | 2.3452      | -.155      | -6.19   | .12915  | .000    | 1        |
| S4        | 5.0000       | 4.9811      | -.019      | -.377   | .27563  | .001    | 1        |
| S5        | 10.000       | 10.207      | .207       | 2.07    | .56603  | .002    | 1        |
| S2        | .80000       | .76859      | -.031      | -3.93   | .04150  | .001    | 1        |

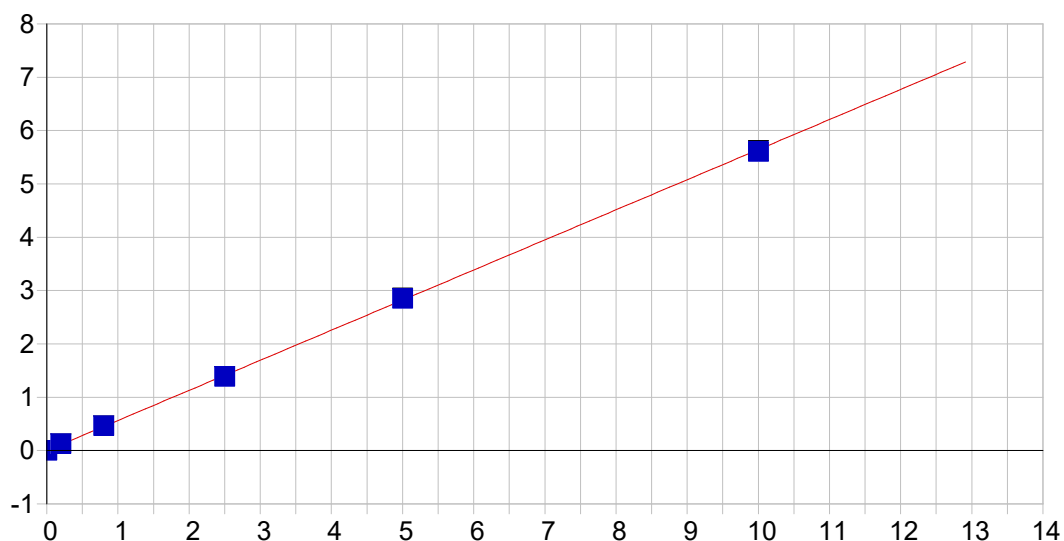


**B 249.678 {135}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004881 Re-Slope: 1.000000  
 A1 (Gain): 0.300857 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999862 Status: OK.  
 Std Error of Est: 0.000262  
 Predicted MDL: 0.001024  
 Predicted MQL: 0.003415

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00488 | .000    | 1        |
| S1        | .10000       | .10162      | .002       | 1.62    | .03534 | .000    | 1        |
| S3        | 2.5000       | 2.4035      | -.097      | -3.86   | .72626 | .022    | 1        |
| S4        | 5.0000       | 5.0502      | .050       | 1.00    | 1.5208 | .010    | 1        |
| S5        | 10.000       | 10.020      | .020       | .202    | 3.0127 | .017    | 1        |
| S2        | .80000       | .82452      | .025       | 3.06    | .25239 | .001    | 1        |

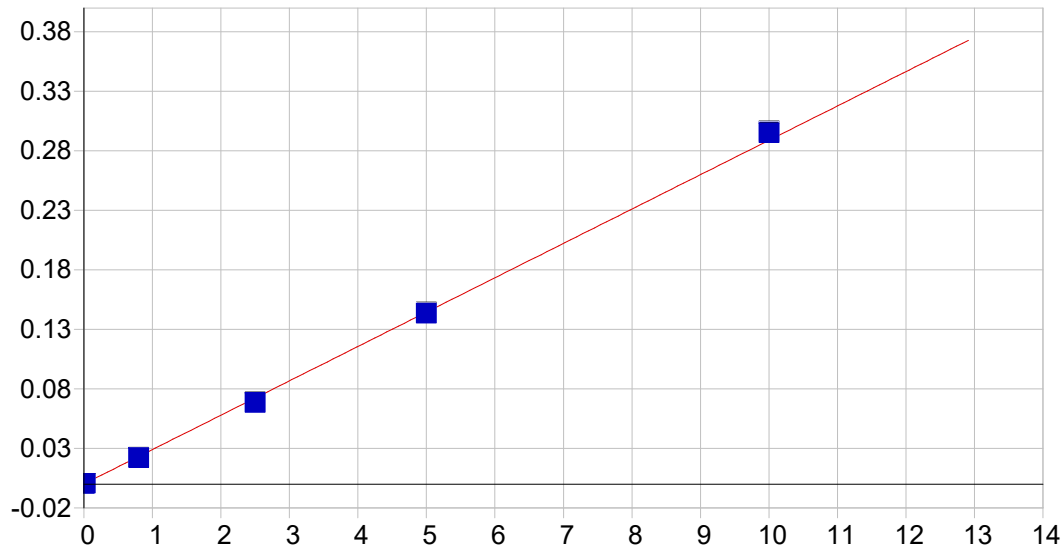


Mo 202.030 {467}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000057 Re-Slope: 1.000000  
 A1 (Gain): 0.564276 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999851 Status: OK.  
 Std Error of Est: 0.000726  
 Predicted MDL: 0.000464  
 Predicted MQL: 0.001546

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .20000       | .22533      | .025       | 12.7    | .12710  | .005    | 1        |
| S3        | 2.5000       | 2.4622      | -.038      | -1.51   | 1.3896  | .001    | 1        |
| S4        | 5.0000       | 5.0514      | .051       | 1.03    | 2.8509  | .007    | 1        |
| S5        | 10.000       | 9.9357      | -.064      | -.643   | 5.6076  | .016    | 1        |
| S2        | .80000       | .82542      | .025       | 3.18    | .46581  | .005    | 1        |

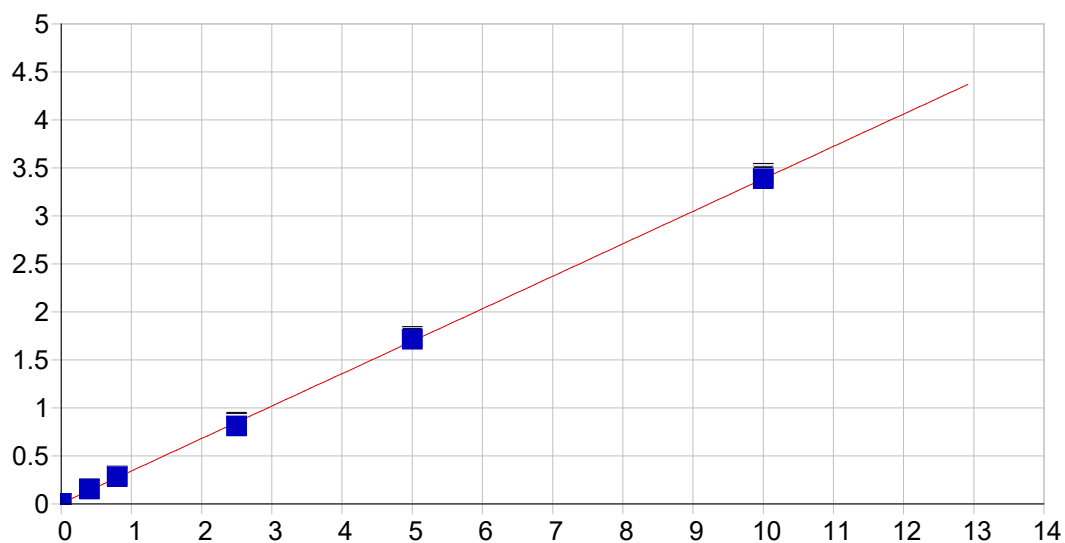


**S 182.034 {485}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000  
 A1 (Gain): 0.028871 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999620 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.006474  
 Predicted MQL: 0.021579

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00015 | .000    | 1        |
| S1        | .02000       | .01890      | -.001      | -5.48   | .00068 | .000    | 1        |
| S3        | 2.5000       | 2.3624      | -.138      | -5.50   | .06871 | .000    | 1        |
| S4        | 5.0000       | 4.9601      | -.040      | -.797   | .14407 | .000    | 1        |
| S5        | 10.000       | 10.214      | .214       | 2.14    | .29646 | .000    | 1        |
| S2        | .80000       | .76464      | -.035      | -4.42   | .02234 | .000    | 1        |

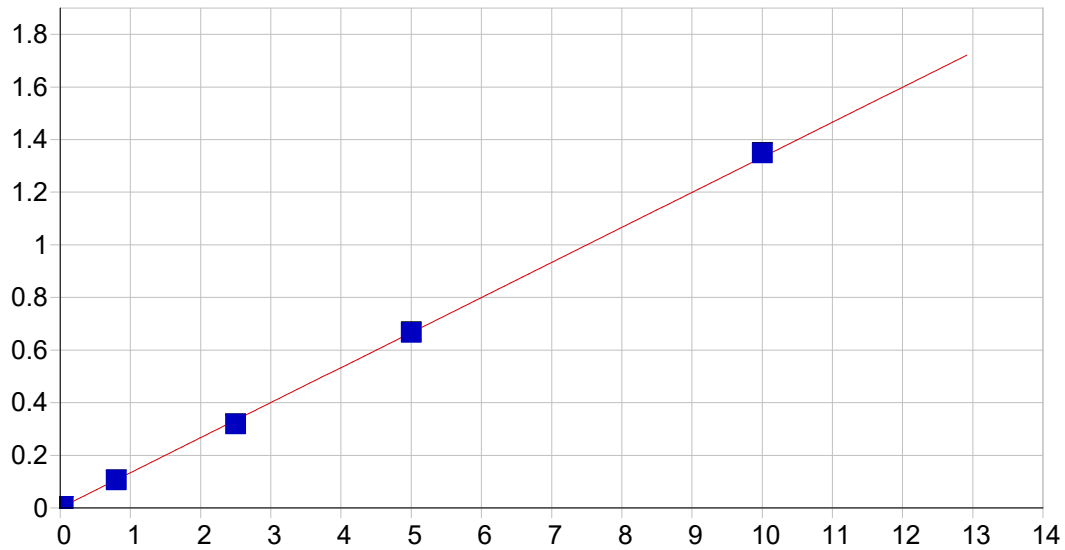


Si 251.611 {134}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004519 Re-Slope: 1.000000  
 A1 (Gain): 0.338065 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999744 Status: OK.  
 Std Error of Est: 0.000819  
 Predicted MDL: 0.001071  
 Predicted MQL: 0.003571

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00451 | .000    | 1        |
| S1        | .40000       | .43579      | .036       | 8.95    | .15249 | .000    | 1        |
| S3        | 2.5000       | 2.3856      | -.114      | -4.58   | .82094 | .029    | 1        |
| S4        | 5.0000       | 5.0540      | .054       | 1.08    | 1.7330 | .010    | 1        |
| S5        | 10.000       | 10.000      | .000       | .001    | 3.4250 | .018    | 1        |
| S2        | .80000       | .82479      | .025       | 3.10    | .28654 | .002    | 1        |

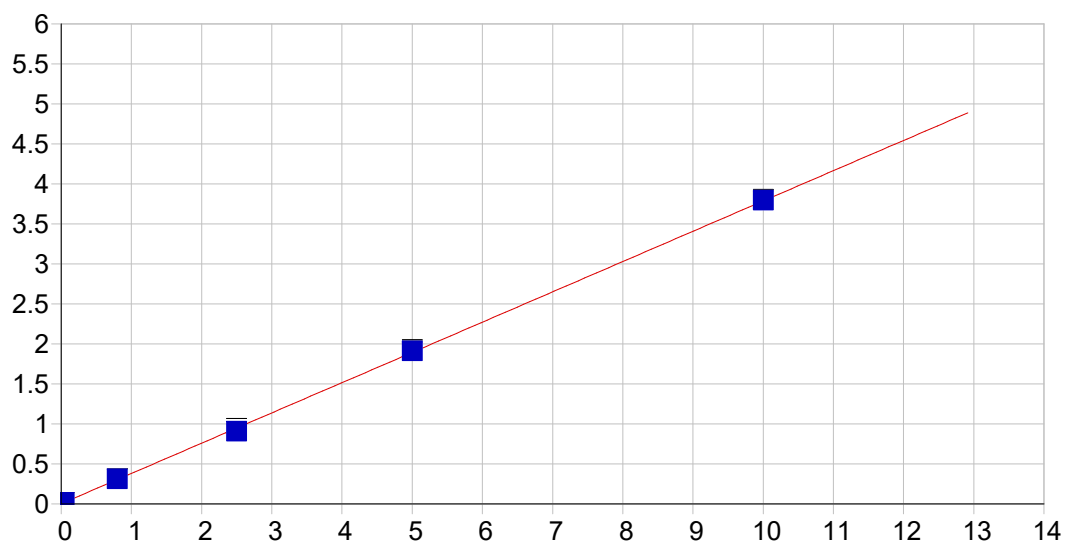


**Sn 189.989 {478}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000479 Re-Slope: 1.000000  
 A1 (Gain): 0.133209 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999819 Status: OK.  
 Std Error of Est: 0.000084  
 Predicted MDL: 0.001545  
 Predicted MQL: 0.005151

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00048 | .000    | 1        |
| S1        | .04000       | .03710      | -.003      | -7.25   | .00542 | .000    | 1        |
| S3        | 2.5000       | 2.3899      | -.110      | -4.40   | .31857 | .001    | 1        |
| S4        | 5.0000       | 5.0027      | .003       | .053    | .66636 | .002    | 1        |
| S5        | 10.000       | 10.120      | .120       | 1.20    | 1.3475 | .002    | 1        |
| S2        | .80000       | .79026      | -.010      | -1.22   | .10567 | .001    | 1        |

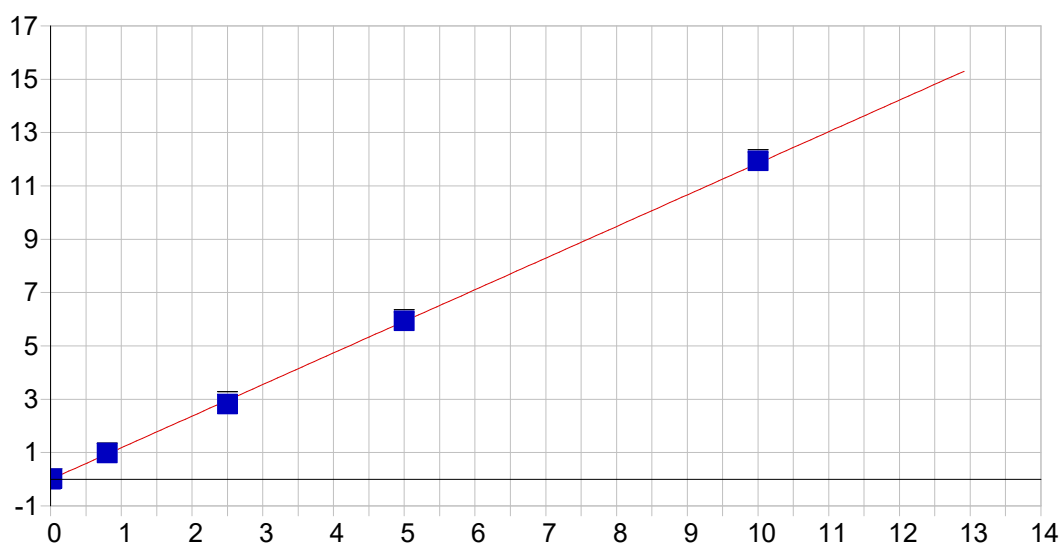


**Ti 336.121 {100}**

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002018 Re-Slope: 1.000000  
 A1 (Gain): 0.378428 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999830 Status: OK.  
 Std Error of Est: 0.000231  
 Predicted MDL: 0.001021  
 Predicted MQL: 0.003403

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00202 | .000    | 1        |
| S1        | .04000       | .04257      | .003       | 6.43    | .01812 | .000    | 1        |
| S3        | 2.5000       | 2.3913      | -.109      | -4.35   | .90661 | .036    | 1        |
| S4        | 5.0000       | 5.0521      | .052       | 1.04    | 1.9132 | .013    | 1        |
| S5        | 10.000       | 10.031      | .031       | .306    | 3.7966 | .009    | 1        |
| S2        | .80000       | .82351      | .024       | 2.94    | .31355 | .001    | 1        |

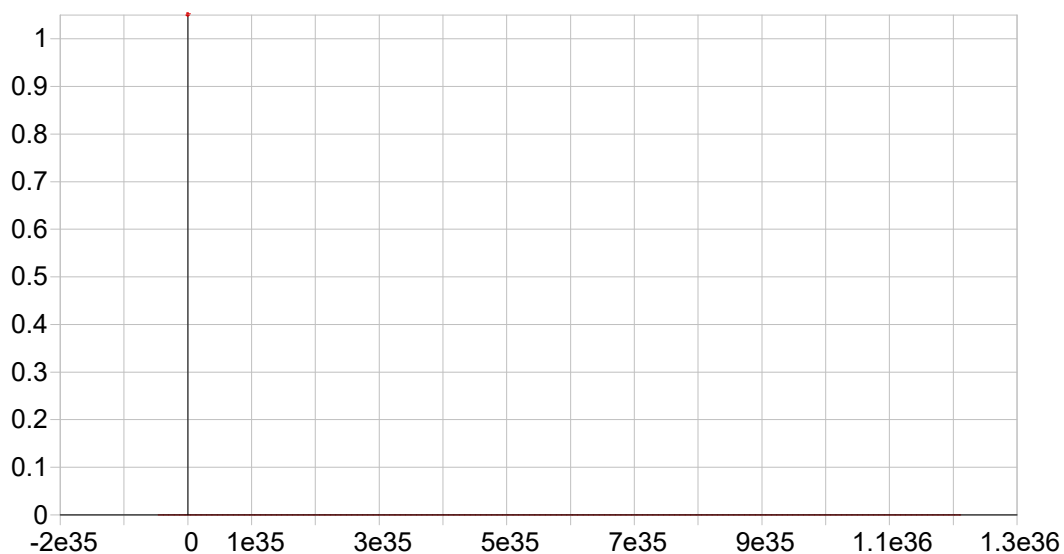


Li 670.784 { 50}

Date of Fit: 07/21/2023 22:02:14 Type of Fit: Linear Weighting: 1/Conc

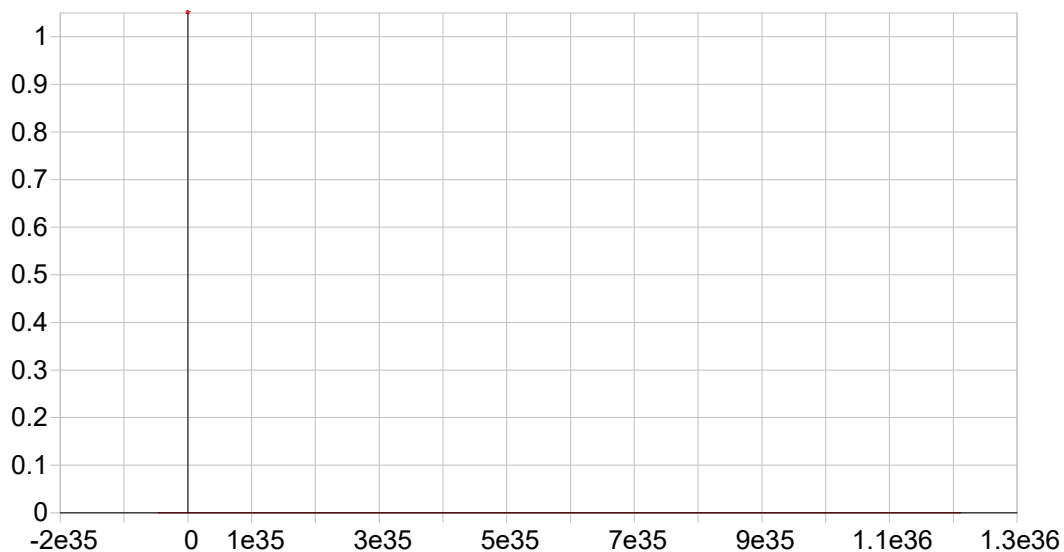
A0 (Offset): -0.003347 Re-Slope: 1.000000  
 A1 (Gain): 1.185076 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999790 Status: OK.  
 Std Error of Est: 0.000570  
 Predicted MDL: 0.001200  
 Predicted MQL: 0.004000

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00335 | .001    | 1        |
| S5        | 10.000       | 10.075      | .075       | .753    | 11.939  | .045    | 1        |
| S4        | 5.0000       | 5.0126      | .013       | .251    | 5.9381  | .043    | 1        |
| S3        | 2.5000       | 2.3796      | -.120      | -4.82   | 2.8172  | .098    | 1        |
| S1        | .02000       | .02147      | .001       | 7.34    | .02212  | .001    | 1        |
| S2        | .80000       | .83105      | .031       | 3.88    | .98170  | .003    | 1        |



**Y 224.306 {150}\***

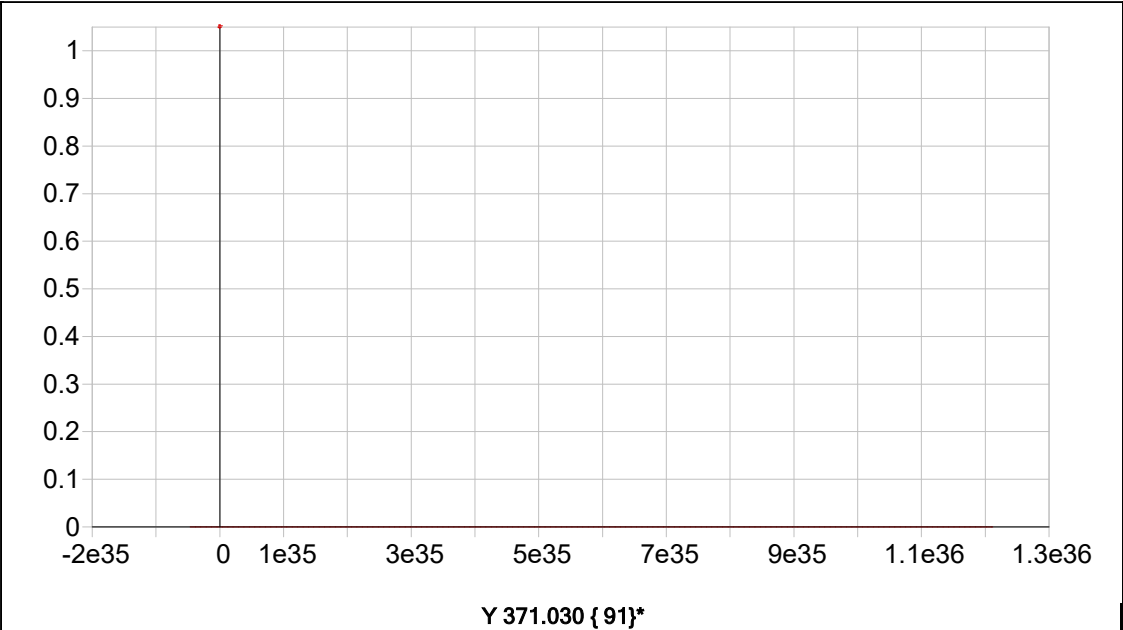
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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



Y 224.306 {450}\*

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

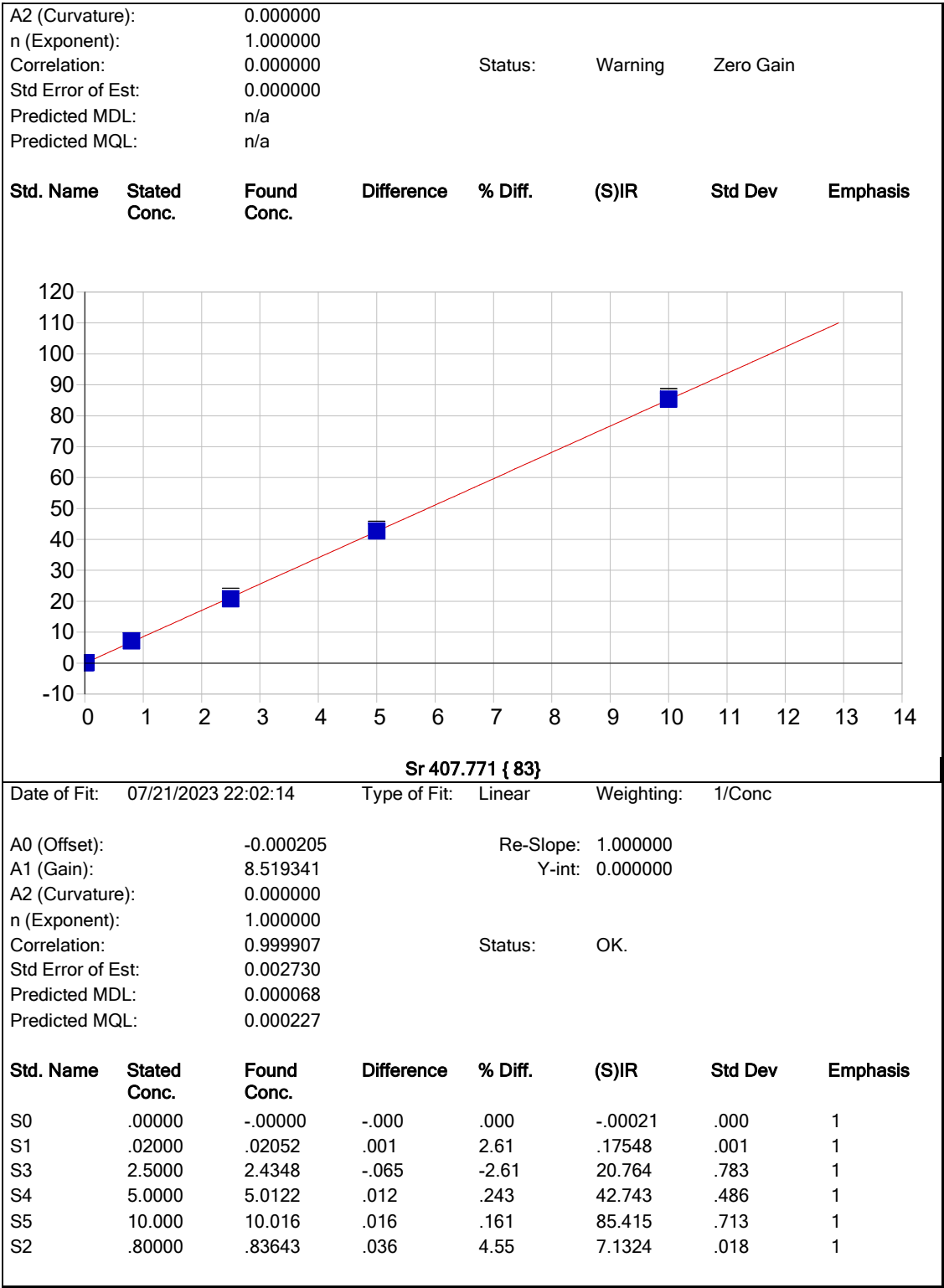




|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

| Std. Name                | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|--------------------------|--------------|-------------|------------|---------|-------|---------|----------|
| <p>In 230.606 {446}*</p> |              |             |            |         |       |         |          |

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



Sample Name: S0      Acquired: 07/21/2023 14:49:22      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |        |        |         |         |         |
|--------|---------|--------|---------|--------|--------|---------|---------|---------|
| Elem   | As1890  | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961  | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00009 | .00007 | -.00018 | .00024 | .00010 | -.00039 | -.00087 | -.00056 |
| Stddev | .00015  | .00014 | .00035  | .00011 | .00021 | .00009  | .00074  | .00013  |
| %RSD   | 166.04  | 209.47 | 198.41  | 48.207 | 210.60 | 22.151  | 84.561  | 23.906  |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00005 | .00000  | .00023  | .00020 | .00012  | -.00030 | -.00025 | -.00056 |
| #2 | -.00025 | .00023  | -.00040 | .00015 | .00030  | -.00046 | -.00067 | -.00069 |
| #3 | .00004  | -.00003 | -.00037 | .00037 | -.00012 | -.00042 | -.00169 | -.00042 |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| 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    | .00052 | .00305 | .00004 | -.00053 | .00096 | .00004 | .00002 | .00014 |
| Stddev | .00010 | .00022 | .00006 | .00031  | .00023 | .00014 | .00028 | .00023 |
| %RSD   | 18.874 | 7.1594 | 166.24 | 59.359  | 23.611 | 393.02 | 1693.2 | 168.00 |

|    |        |        |         |         |        |         |         |         |
|----|--------|--------|---------|---------|--------|---------|---------|---------|
| #1 | .00051 | .00280 | -.00003 | -.00073 | .00088 | .00018  | -.00017 | -.00008 |
| #2 | .00043 | .00323 | .00007  | -.00069 | .00079 | -.00011 | -.00012 | .00011  |
| #3 | .00063 | .00311 | .00008  | -.00017 | .00122 | .00004  | .00034  | .00038  |

|        |         |         |         |         |        |        |         |        |
|--------|---------|---------|---------|---------|--------|--------|---------|--------|
| 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    | -.00124 | -.00075 | -.00510 | -.00002 | .00088 | .01008 | -.00122 | .00488 |
| Stddev | .00008  | .00005  | .00063  | .00015  | .00058 | .00074 | .00012  | .00010 |
| %RSD   | 6.3071  | 7.2934  | 12.426  | 615.86  | 66.216 | 7.3379 | 9.5655  | 2.0418 |

|    |         |         |         |         |        |        |         |        |
|----|---------|---------|---------|---------|--------|--------|---------|--------|
| #1 | -.00132 | -.00080 | -.00437 | -.00018 | .00040 | .00923 | -.00117 | .00480 |
| #2 | -.00116 | -.00077 | -.00553 | -.00002 | .00153 | .01059 | -.00135 | .00485 |
| #3 | -.00123 | -.00069 | -.00540 | .00013  | .00071 | .01041 | -.00113 | .00499 |

|        |         |        |        |        |        |         |         |  |
|--------|---------|--------|--------|--------|--------|---------|---------|--|
| 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    | -.00007 | .00015 | .00451 | .00048 | .00202 | -.00335 | -.00021 |  |
| Stddev | .00020  | .00016 | .00004 | .00007 | .00018 | .00082  | .00029  |  |
| %RSD   | 279.23  | 109.43 | .86091 | 15.402 | 8.6835 | 24.412  | 136.87  |  |

|    |         |        |        |        |        |         |         |  |
|----|---------|--------|--------|--------|--------|---------|---------|--|
| #1 | -.00027 | .00006 | .00447 | .00056 | .00221 | -.00376 | -.00051 |  |
| #2 | -.00009 | .00033 | .00455 | .00047 | .00198 | -.00388 | -.00021 |  |
| #3 | .00014  | .00004 | .00450 | .00041 | .00186 | -.00241 | .00008  |  |

Sample Name: S0      Acquired: 07/21/2023 14:49:22      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1166.9 | 1547.7 | 40296. | 7128.6 | 1684.3 |
| Stddev    | 32.4   | 10.2   | 1027.  | 43.1   | 8.7    |
| %RSD      | 2.7733 | .65954 | 2.5493 | .60400 | .51472 |
| #1        | 1129.7 | 1538.5 | 39122. | 7177.1 | 1676.3 |
| #2        | 1188.8 | 1545.9 | 41028. | 7113.9 | 1683.1 |
| #3        | 1182.2 | 1558.7 | 40738. | 7094.8 | 1693.5 |

Sample Name: S1      Acquired: 07/21/2023 14:53:26      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | .00066 | .00378 | .00232 | .00107 | .00873 | .00982 | .51037 | .02658 |
| Stddev | .00012 | .00025 | .00063 | .00013 | .00033 | .00067 | .00256 | .00016 |
| %RSD   | 17.747 | 6.7412 | 27.012 | 12.531 | 3.7782 | 6.8354 | .50084 | .58715 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00060 | .00359 | .00181 | .00118 | .00844 | .00972 | .50866 | .02640 |
| #2 | .00058 | .00407 | .00213 | .00112 | .00909 | .00920 | .51331 | .02670 |
| #3 | .00079 | .00369 | .00302 | .00092 | .00867 | .01053 | .50915 | .02665 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01999 | .10454 | .00172 | .02813 | .00484 | .00360 | .00901 | .02300 |
| Stddev | .00068 | .00077 | .00005 | .00083 | .00015 | .00009 | .00027 | .00031 |
| %RSD   | 3.3918 | .73335 | 2.9194 | 2.9414 | 3.1922 | 2.5965 | 3.0408 | 1.3536 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01976 | .10369 | .00176 | .02781 | .00495 | .00353 | .00871 | .02266 |
| #2 | .02076 | .10519 | .00167 | .02907 | .00491 | .00371 | .00910 | .02307 |
| #3 | .01946 | .10474 | .00173 | .02750 | .00467 | .00357 | .00924 | .02327 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .03839 | .00174 | .00688 | .00486 | .09343 | .05704 | -.00018 | .03534 |
| Stddev | .00134 | .00006 | .00020 | .00017 | .00075 | .00040 | .00009  | .00031 |
| %RSD   | 3.4890 | 3.4808 | 2.8748 | 3.4215 | .80683 | .70580 | 47.505  | .88958 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .03736 | .00168 | .00665 | .00504 | .09364 | .05744 | -.00026 | .03498 |
| #2 | .03990 | .00180 | .00695 | .00485 | .09259 | .05663 | -.00019 | .03557 |
| #3 | .03790 | .00174 | .00703 | .00470 | .09406 | .05705 | -.00009 | .03546 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .12710 | .00068 | .15249 | .00542 | .01812 | .02212 | .17548 |  |
| Stddev | .00537 | .00010 | .00034 | .00027 | .00023 | .00084 | .00124 |  |
| %RSD   | 4.2213 | 14.609 | .22507 | 4.9040 | 1.2954 | 3.8006 | .70545 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .12298 | .00062 | .15243 | .00538 | .01807 | .02148 | .17412 |  |
| #2 | .13317 | .00079 | .15286 | .00571 | .01837 | .02307 | .17576 |  |
| #3 | .12516 | .00062 | .15219 | .00518 | .01791 | .02180 | .17655 |  |

Sample Name: S1      Acquired: 07/21/2023 14:53:26      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1196.5 | 1538.5 | 41477. | 7087.6 | 1673.1 |
| Stddev    | 3.4    | 54.0   | 167.   | 14.4   | 60.5   |
| %RSD      | .28718 | 3.5098 | .40204 | .20367 | 3.6134 |
| #1        | 1194.6 | 1583.1 | 41440. | 7091.0 | 1724.7 |
| #2        | 1200.5 | 1478.5 | 41660. | 7071.8 | 1606.6 |
| #3        | 1194.4 | 1554.0 | 41333. | 7100.0 | 1688.0 |

Sample Name: S2      Acquired: 07/21/2023 14:57:30      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | <b>.03105</b> | <b>.07741</b> | <b>.16055</b> | <b>.03415</b> | <b>.13398</b> | <b>.16064</b> | <b>8.2297</b> | <b>.17614</b> |
| Stddev | .00016        | .00074        | .00190        | .00030        | .00100        | .00026        | .0292         | .00060        |
| %RSD   | .51996        | .95627        | 1.1845        | .88731        | .74424        | .16080        | .35533        | .34047        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.03121</b> | <b>.07800</b> | <b>.16141</b> | <b>.03434</b> | <b>.13403</b> | <b>.16034</b> | <b>8.1978</b> | <b>.17642</b> |
| #2 | <b>.03106</b> | <b>.07764</b> | <b>.16187</b> | <b>.03432</b> | <b>.13495</b> | <b>.16080</b> | <b>8.2359</b> | <b>.17545</b> |
| #3 | <b>.03089</b> | <b>.07658</b> | <b>.15837</b> | <b>.03380</b> | <b>.13296</b> | <b>.16077</b> | <b>8.2553</b> | <b>.17654</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>1.1283</b> | <b>.21433</b> | <b>.02755</b> | <b>.37546</b> | <b>.04198</b> | <b>.02776</b> | <b>.17369</b> | <b>.04345</b> |
| Stddev | .0127         | .00129        | .00002        | .00449        | .00009        | .00020        | .00125        | .00064        |
| %RSD   | 1.1214        | .60024        | .07891        | 1.1964        | .22084        | .72155        | .72242        | 1.4681        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.1368</b> | <b>.21323</b> | <b>.02756</b> | <b>.37814</b> | <b>.04191</b> | <b>.02768</b> | <b>.17225</b> | <b>.04277</b> |
| #2 | <b>1.1343</b> | <b>.21401</b> | <b>.02756</b> | <b>.37797</b> | <b>.04195</b> | <b>.02761</b> | <b>.17425</b> | <b>.04404</b> |
| #3 | <b>1.1137</b> | <b>.21574</b> | <b>.02752</b> | <b>.37027</b> | <b>.04209</b> | <b>.02799</b> | <b>.17457</b> | <b>.04352</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.38917</b> | <b>.04841</b> | <b>.01790</b> | <b>.05296</b> | <b>.91307</b> | <b>.10575</b> | <b>.04150</b> | <b>.25239</b> |
| Stddev | .00450        | .00013        | .00073        | .00042        | .00677        | .00123        | .00056        | .00085        |
| %RSD   | 1.1563        | .25887        | 4.0803        | .79317        | .74193        | 1.1624        | 1.3597        | .33645        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.39188</b> | <b>.04829</b> | <b>.01850</b> | <b>.05301</b> | <b>.90811</b> | <b>.10561</b> | <b>.04197</b> | <b>.25196</b> |
| #2 | <b>.39166</b> | <b>.04841</b> | <b>.01813</b> | <b>.05336</b> | <b>.92079</b> | <b>.10460</b> | <b>.04167</b> | <b>.25337</b> |
| #3 | <b>.38398</b> | <b>.04854</b> | <b>.01709</b> | <b>.05252</b> | <b>.91030</b> | <b>.10705</b> | <b>.04087</b> | <b>.25185</b> |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.46581</b> | <b>.02234</b> | <b>.28654</b> | <b>.10567</b> | <b>.31355</b> | <b>.98170</b> | <b>7.1324</b> |
| Stddev | .00462        | .00021        | .00182        | .00073        | .00132        | .00301        | .0182         |
| %RSD   | .99184        | .94176        | .63611        | .69465        | .42122        | .30639        | .25514        |

|    |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.46850</b> | <b>.02239</b> | <b>.28453</b> | <b>.10622</b> | <b>.31204</b> | <b>.97847</b> | <b>7.1115</b> |
| #2 | <b>.46845</b> | <b>.02252</b> | <b>.28699</b> | <b>.10594</b> | <b>.31443</b> | <b>.98220</b> | <b>7.1410</b> |
| #3 | <b>.46047</b> | <b>.02211</b> | <b>.28809</b> | <b>.10483</b> | <b>.31420</b> | <b>.98442</b> | <b>7.1447</b> |

Sample Name: S2      Acquired: 07/21/2023 14:57:30      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1175.8 | 1547.7 | 40787. | 6934.7 | 1678.6 |
| Stddev    | 7.6    | 14.6   | 32.    | 24.6   | 17.9   |
| %RSD      | .64246 | .94442 | .07852 | .35408 | 1.0666 |
| #1        | 1179.8 | 1539.6 | 40804. | 6959.2 | 1666.3 |
| #2        | 1167.1 | 1539.0 | 40808. | 6910.1 | 1670.4 |
| #3        | 1180.6 | 1564.6 | 40751. | 6934.9 | 1699.2 |

Sample Name: S3      Acquired: 07/21/2023 15:01:27      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | <b>.09318</b> | <b>.23381</b> | <b>.48407</b> | <b>.10147</b> | <b>.39933</b> | <b>.46147</b> | <b>23.915</b> | <b>.50188</b> |
| Stddev | .00042        | .00120        | .00030        | .00049        | .00092        | .01743        | .833          | .01671        |
| %RSD   | .44543        | .51387        | .06218        | .48783        | .23094        | 3.7777        | 3.4819        | 3.3287        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09364 | .23314 | .48440 | .10199 | .39896 | .44134 | 22.957 | .48259 |
| #2 | .09305 | .23520 | .48400 | .10100 | .40038 | .47130 | 24.464 | .51125 |
| #3 | .09284 | .23309 | .48381 | .10142 | .39865 | .47176 | 24.324 | .51179 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>3.3644</b> | <b>.61328</b> | <b>.08080</b> | <b>1.1308</b> | <b>.10728</b> | <b>.07829</b> | <b>.49943</b> | <b>.12529</b> |
| Stddev | .0031         | .02480        | .00027        | .0002         | .00408        | .00325        | .01902        | .00494        |
| %RSD   | .09092        | 4.0440        | .33671        | .01926        | 3.8031        | 4.1489        | 3.8083        | 3.9411        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3625 | .58476 | .08074 | 1.1306 | .10265 | .07455 | .47753 | .11959 |
| #2 | 3.3627 | .62983 | .08109 | 1.1310 | .11033 | .07994 | .51184 | .12817 |
| #3 | 3.3679 | .62524 | .08056 | 1.1308 | .10887 | .08039 | .50892 | .12811 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>1.1655</b> | <b>.14436</b> | <b>.06274</b> | <b>.15273</b> | <b>2.6819</b> | <b>.28803</b> | <b>.12915</b> | <b>.72626</b> |
| Stddev | .0009         | .00036        | .00205        | .00591        | .0057         | .01090        | .00020        | .02246        |
| %RSD   | .07617        | .25211        | 3.2638        | 3.8699        | .21152        | 3.7860        | .15577        | 3.0925        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1645 | .14451 | .06038 | .14592 | 2.6824 | .27546 | .12919 | .70033 |
| #2 | 1.1655 | .14462 | .06405 | .15571 | 2.6761 | .29358 | .12932 | .73875 |
| #3 | 1.1663 | .14395 | .06380 | .15655 | 2.6874 | .29503 | .12893 | .73970 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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    | <b>1.3896</b> | <b>.06871</b> | <b>.82094</b> | <b>.31857</b> | <b>.90661</b> | <b>2.8172</b> | <b>20.764</b> |  |
| Stddev | .0010         | .00031        | .02920        | .00092        | .03634        | .0983         | .783          |  |
| %RSD   | .07016        | .44540        | 3.5566        | .28729        | 4.0085        | 3.4900        | 3.7721        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.3907 | .06880 | .78723 | .31755 | .86472 | 2.7040 | 19.860 |  |
| #2 | 1.3894 | .06896 | .83743 | .31883 | .92967 | 2.8812 | 21.218 |  |
| #3 | 1.3888 | .06837 | .83817 | .31933 | .92545 | 2.8665 | 21.215 |  |

Sample Name: S3      Acquired: 07/21/2023 15:01:27      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1186.7 | 1547.7 | 41220. | 7206.2 | 1654.5 |
| Stddev    | 4.6    | 4.2    | 186.   | 219.1  | 3.4    |
| %RSD      | .39078 | .26945 | .45028 | 3.0409 | .20355 |
| #1        | 1182.3 | 1543.2 | 41137. | 7458.1 | 1650.6 |
| #2        | 1186.2 | 1548.3 | 41090. | 7059.5 | 1656.8 |
| #3        | 1191.6 | 1551.5 | 41432. | 7101.1 | 1656.1 |

Sample Name: S4      Acquired: 07/21/2023 15:05:16      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | <b>.19280</b> | <b>.48599</b> | <b>1.0109</b> | <b>.20887</b> | <b>.82326</b> | <b>.97829</b> | <b>50.312</b> | <b>1.0444</b> |
| Stddev | .00088        | .00190        | .0018         | .00043        | .00117        | .00829        | .382          | .0059         |
| %RSD   | .45803        | .39126        | .17290        | .20403        | .14209        | .84759        | .75914        | .56469        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19193 | .48547 | 1.0120 | .20859 | .82202 | .98784 | 50.751 | 1.0508 |
| #2 | .19276 | .48440 | 1.0089 | .20867 | .82343 | .97290 | 50.129 | 1.0432 |
| #3 | .19370 | .48810 | 1.0120 | .20936 | .82434 | .97412 | 50.057 | 1.0392 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>6.9644</b> | <b>1.2926</b> | <b>.16445</b> | <b>2.3494</b> | <b>.22271</b> | <b>.16540</b> | <b>1.0444</b> | <b>.26624</b> |
| Stddev | .0197         | .0068         | .00109        | .0076         | .00212        | .00152        | .0052         | .00073        |
| %RSD   | .28273        | .52646        | .66190        | .32332        | .95236        | .92080        | .49876        | .27594        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.9580 | 1.3001 | .16325 | 2.3508 | .22514 | .16691 | 1.0504 | .26701 |
| #2 | 6.9487 | 1.2868 | .16472 | 2.3412 | .22120 | .16386 | 1.0408 | .26555 |
| #3 | 6.9865 | 1.2909 | .16537 | 2.3562 | .22180 | .16542 | 1.0420 | .26616 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>2.4219</b> | <b>.29487</b> | <b>.13965</b> | <b>.32258</b> | <b>5.4750</b> | <b>.59482</b> | <b>.27563</b> | <b>1.5208</b> |
| Stddev | .0064         | .00278        | .00122        | .00147        | .0418         | .00560        | .00091        | .0096         |
| %RSD   | .26539        | .94323        | .87668        | .45576        | .76349        | .94175        | .32885        | .63323        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4246 | .29280 | .14103 | .32423 | 5.4488 | .60128 | .27609 | 1.5315 |
| #2 | 2.4145 | .29378 | .13922 | .32140 | 5.4530 | .59140 | .27459 | 1.5183 |
| #3 | 2.4265 | .29803 | .13870 | .32212 | 5.5232 | .59176 | .27622 | 1.5127 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>2.8509</b> | <b>.14407</b> | <b>1.7330</b> | <b>.66636</b> | <b>1.9132</b> | <b>5.9381</b> | <b>42.743</b> |
| Stddev | .0067         | .00044        | .0098         | .00242        | .0126         | .0434         | .486          |
| %RSD   | .23461        | .30494        | .56537        | .36330        | .65890        | .73071        | 1.1376        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8471 | .14417 | 1.7436 | .66549 | 1.9269 | 5.9881 | 42.913 |
| #2 | 2.8470 | .14358 | 1.7312 | .66449 | 1.9020 | 5.9108 | 43.121 |
| #3 | 2.8587 | .14444 | 1.7242 | .66909 | 1.9108 | 5.9154 | 42.194 |

Sample Name: S4      Acquired: 07/21/2023 15:05:16      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1159.5 | 1498.2 | 40311. | 6927.0 | 1572.2 |
| Stddev    | 10.3   | 1.1    | 309.   | 63.5   | 2.1    |
| %RSD      | .89201 | .07131 | .76713 | .91699 | .13196 |
| #1        | 1161.8 | 1497.8 | 40466. | 6856.6 | 1570.4 |
| #2        | 1168.4 | 1499.4 | 40512. | 6944.4 | 1574.5 |
| #3        | 1148.2 | 1497.4 | 39955. | 6980.0 | 1571.6 |

Sample Name: S5      Acquired: 07/21/2023 15:09:11      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | <b>.38368</b> | <b>.97179</b> | <b>2.0364</b> | <b>.41011</b> | <b>1.6288</b> | <b>1.9620</b> | <b>98.589</b> | <b>2.0480</b> |
| Stddev | .00081        | .00197        | .0045         | .00190        | .0035         | .0041         | .307          | .0100         |
| %RSD   | .20998        | .20303        | .21951        | .46359        | .21223        | .20941        | .31173        | .48772        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .38335 | .97400 | 2.0392 | .40905 | 1.6269 | 1.9605 | 98.944 | 2.0583 |
| #2 | .38459 | .97119 | 2.0312 | .41231 | 1.6328 | 1.9589 | 98.409 | 2.0384 |
| #3 | .38308 | .97019 | 2.0387 | .40898 | 1.6268 | 1.9667 | 98.415 | 2.0474 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>13.915</b> | <b>2.5607</b> | <b>.32379</b> | <b>4.7371</b> | <b>.43922</b> | <b>.32390</b> | <b>2.0609</b> | <b>.53310</b> |
| Stddev | .012          | .0057         | .00116        | .0036         | .00284        | .00073        | .0051         | .00038        |
| %RSD   | .08823        | .22417        | .35833        | .07513        | .64624        | .22431        | .24678        | .07111        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.929 | 2.5605 | .32503 | 4.7412 | .43966 | .32376 | 2.0585 | .53267 |
| #2 | 13.907 | 2.5550 | .32360 | 4.7346 | .43618 | .32325 | 2.0574 | .53323 |
| #3 | 13.909 | 2.5665 | .32273 | 4.7356 | .44181 | .32469 | 2.0667 | .53340 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>4.8450</b> | <b>.58487</b> | <b>.28289</b> | <b>.64370</b> | <b>10.697</b> | <b>1.1858</b> | <b>.56603</b> | <b>3.0127</b> |
| Stddev | .0035         | .00271        | .00078        | .00264        | .047          | .0051         | .00154        | .0167         |
| %RSD   | .07165        | .46281        | .27620        | .40958        | .43586        | .42725        | .27153        | .55285        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8487 | .58715 | .28350 | .64202 | 10.736 | 1.1900 | .56677 | 3.0303 |
| #2 | 4.8447 | .58557 | .28316 | .64234 | 10.709 | 1.1802 | .56705 | 2.9972 |
| #3 | 4.8418 | .58187 | .28201 | .64673 | 10.645 | 1.1872 | .56426 | 3.0105 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>5.6076</b> | <b>.29646</b> | <b>3.4250</b> | <b>1.3475</b> | <b>3.7966</b> | <b>11.939</b> | <b>85.415</b> |
| Stddev | .0157         | .00030        | .0185         | .0023         | .0085         | .045          | .714          |
| %RSD   | .27940        | .10280        | .53972        | .16859        | .22495        | .37777        | .83533        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6006 | .29654 | 3.4314 | 1.3496 | 3.7943 | 11.957 | 84.973 |
| #2 | 5.6256 | .29671 | 3.4042 | 1.3451 | 3.7894 | 11.888 | 85.034 |
| #3 | 5.5967 | .29612 | 3.4395 | 1.3480 | 3.8060 | 11.973 | 86.238 |

Sample Name: S5      Acquired: 07/21/2023 15:09:11      Type: Cal  
Method: NON EPA-6010-200.7(v147)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1136.3 | 1484.3 | 39864. | 6903.3 | 1513.6 |
| Stddev    | 7.7    | .8     | 252.   | 39.0   | 2.8    |
| %RSD      | .67622 | .05367 | .63239 | .56536 | .18820 |
| #1        | 1133.0 | 1485.2 | 39689. | 6858.3 | 1511.9 |
| #2        | 1130.8 | 1484.0 | 39750. | 6924.5 | 1516.9 |
| #3        | 1145.1 | 1483.7 | 40153. | 6927.2 | 1512.1 |

Sample Name: ICV01      Acquired: 07/21/2023 15:26:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.073611</b> | <b>1.048401</b> | <b>1.040487</b> | <b>1.073983</b> | <b>.9880334</b> | <b>2.546898</b> |
| Stddev | .003802         | .006655         | .005417         | .000894         | .0021819        | .010627         |
| %RSD   | .3541032        | .6348066        | .5205814        | .0832669        | .2208369        | .4172377        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.071493 | 1.045108 | 1.037130 | 1.073028 | .9886402 | 2.540513 |
| #2 | 1.071340 | 1.044034 | 1.037596 | 1.074801 | .9856123 | 2.541016 |
| #3 | 1.078000 | 1.056061 | 1.046736 | 1.074118 | .9898477 | 2.559165 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5205066</b> | <b>.5197417</b> | <b>.5333776</b> | <b>10.13294</b> | <b>.5292640</b> | <b>.5128062</b> |
| Stddev | .0003867        | .0015891        | .0009562        | .01629          | .0007518        | .0013728        |
| %RSD   | .0742893        | .3057520        | .1792677        | .1607861        | .1420499        | .2677071        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5209504 | .5213854 | .5328731 | 10.11426 | .5300254 | .5125734 |
| #2 | .5202418 | .5182135 | .5327792 | 10.14036 | .5285221 | .5115647 |
| #3 | .5203277 | .5196261 | .5344803 | 10.14420 | .5292446 | .5142805 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5259772</b> | <b>10.39518</b> | <b>.5256209</b> | <b>5.969626</b> | <b>.5158578</b> | <b>.2551480</b> |
| Stddev | .0012008        | .04870          | .0018793        | .042013         | .0016713        | .0009621        |
| %RSD   | .2283070        | .4685067        | .3575307        | .7037737        | .3239900        | .3770619        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5270592 | 10.33897 | .5235422 | 5.921577 | .5150218 | .2560594 |
| #2 | .5261872 | 10.42165 | .5261206 | 5.987859 | .5147693 | .2552424 |
| #3 | .5246852 | 10.42491 | .5271997 | 5.999442 | .5177821 | .2541422 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>10.13770</b> | <b>.4877759</b> | <b>1.026686</b> | <b>9.936362</b> | <b>F -.008470</b> | <b>2.554340</b> |
| Stddev | .14279          | .0073380        | .001183         | .073919         | .001514           | .004099         |
| %RSD   | 1.408518        | 1.504384        | .1152031        | .7439266        | 17.87623          | .1604917        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.00590 | .4861888 | 1.026147 | 9.921300 | -.007356 | 2.558651 |
| #2 | 10.11781 | .4813613 | 1.028043 | 10.01665 | -.010194 | 2.550491 |
| #3 | 10.28940 | .4957776 | 1.025869 | 9.87113  | -.007860 | 2.553878 |

Sample Name: ICV01      Acquired: 07/21/2023 15:26:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 2.553318 | F -.017144 | 2.386172 | 2.473622 | 2.547038 | F -.002552 |
| Stddev | .001753  | .003138    | .006055  | .003758  | .009056  | .000129    |
| %RSD   | .0686537 | 18.30243   | .2537429 | .1519202 | .3555584 | 5.043836   |
| #1     | 2.554364 | -.015150   | 2.393155 | 2.477541 | 2.537538 | -.002629   |
| #2     | 2.554297 | -.020761   | 2.382977 | 2.470049 | 2.548002 | -.002624   |
| #3     | 2.551295 | -.015521   | 2.382384 | 2.473276 | 2.555573 | -.002403   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.009171 |
| Stddev | .000093    |
| %RSD   | 1.012665   |
| #1     | -.009086   |
| #2     | -.009270   |
| #3     | -.009158   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1177.141 | 1539.408 | 40856.16 | 7019.027 | 1657.528 |
| Stddev    | 6.672    | 2.282    | 142.59   | 34.155   | 4.784    |
| %RSD      | .5668165 | .1482136 | .3490104 | .4866066 | .2886295 |
| #1        | 1177.939 | 1538.655 | 40780.49 | 6992.329 | 1654.476 |
| #2        | 1170.106 | 1541.971 | 40767.34 | 7007.235 | 1663.042 |
| #3        | 1183.378 | 1537.598 | 41020.63 | 7057.515 | 1655.066 |

Sample Name: ICB01      Acquired: 07/21/2023 15:34:39      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005199</b> | <b>-.001111</b> | <b>-.000640</b> | <b>.0043556</b> | <b>-.001613</b> | <b>.0006144</b> | <b>-.000185</b> |
| Stddev | .003850         | .002068         | .001136         | .0017237        | .000412         | .0024512        | .000280         |
| %RSD   | 74.05904        | 186.0942        | 177.4790        | 39.57399        | 25.51368        | 398.9783        | 151.4855        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005832</b> | <b>-.003483</b> | <b>-.001452</b> | <b>.0047939</b> | <b>-.002081</b> | <b>.0026120</b> | <b>-.000495</b> |
| #2 | <b>-.001071</b> | <b>-.000161</b> | <b>-.001125</b> | <b>.0024551</b> | <b>-.001304</b> | <b>.0013519</b> | <b>.000050</b>  |
| #3 | <b>-.008693</b> | <b>.000311</b>  | <b>.000658</b>  | <b>.0058178</b> | <b>-.001456</b> | <b>-.002121</b> | <b>-.000110</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000192</b> | <b>.0000079</b> | <b>-.012125</b> | <b>.0000040</b> | <b>.0001068</b> | <b>-.000506</b> | <b>.0023133</b> |
| Stddev | .0000792        | .0000597        | .007055         | .0002398        | .0002387        | .001236         | .0053590        |
| %RSD   | 411.8467        | 752.7815        | 58.18436        | 5986.501        | 223.6333        | 244.3734        | 231.6661        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000014</b> | <b>.0000489</b> | <b>-.003984</b> | <b>.0002529</b> | <b>-.000047</b> | <b>-.001804</b> | <b>-.003836</b> |
| #2 | <b>.000110</b>  | <b>-.000061</b> | <b>-.016440</b> | <b>-.000015</b> | <b>.000382</b>  | <b>.000656</b>  | <b>.005984</b>  |
| #3 | <b>-.000038</b> | <b>.000036</b>  | <b>-.015952</b> | <b>-.000225</b> | <b>-.000014</b> | <b>-.000369</b> | <b>.004792</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000343</b> | <b>-.016111</b> | <b>-.000465</b> | <b>-.000035</b> | <b>.1697244</b> | <b>-.001769</b> | <b>.0003770</b> |
| Stddev | .000478         | .003411         | .000227         | .000276         | .1481141        | .001215         | .0003252        |
| %RSD   | 139.5872        | 21.17303        | 48.84366        | 793.8413        | 87.26739        | 68.64616        | 86.27733        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000874</b> | <b>-.017082</b> | <b>-.000665</b> | <b>.000175</b>  | <b>.0041706</b> | <b>-.002745</b> | <b>.0001362</b> |
| #2 | <b>.000054</b>  | <b>-.012320</b> | <b>-.000218</b> | <b>.000068</b>  | <b>.2153298</b> | <b>-.002154</b> | <b>.0002477</b> |
| #3 | <b>-.000208</b> | <b>-.018931</b> | <b>-.000512</b> | <b>-.000347</b> | <b>.2896729</b> | <b>-.000409</b> | <b>.0007469</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.065902</b> | <b>-.000464</b> | <b>-.002429</b> | <b>.0006439</b> | <b>-.005783</b> | <b>.0024777</b> | <b>-.001282</b> |
| Stddev | .030319         | .001072         | .000899         | .0005892        | .002345         | .0023720        | .000472         |
| %RSD   | 46.00579        | 230.7066        | 37.00747        | 91.49440        | 40.55106        | 95.73337        | 36.82839        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.100017</b> | <b>-.000933</b> | <b>-.002458</b> | <b>.0001807</b> | <b>-.005756</b> | <b>.0032497</b> | <b>-.001748</b> |
| #2 | <b>-.042035</b> | <b>-.001222</b> | <b>-.001516</b> | <b>.0013070</b> | <b>-.003452</b> | <b>.0043675</b> | <b>-.000804</b> |
| #3 | <b>-.055654</b> | <b>.000762</b>  | <b>-.003314</b> | <b>.0004441</b> | <b>-.008141</b> | <b>-.000184</b> | <b>-.001293</b> |

Sample Name: ICB01      Acquired: 07/21/2023 15:34:39      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0012595 | -.000232 | -.000076 |
| Stddev | .0008543 | .000516  | .000045  |
| %RSD   | 67.82413 | 221.9158 | 58.50787 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0013570 | -.000685 | -.000037 |
| #2 | .0020609 | -.000342 | -.000125 |
| #3 | .0003607 | .000329  | -.000067 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1178.890 | 1553.549 | 40867.55 | 6969.593 | 1685.152 |
| Stddev    | 3.695    | 13.181   | 108.09   | 35.488   | 16.194   |
| %RSD      | .3133889 | .8484664 | .2644885 | .5091895 | .9609680 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1181.296 | 1549.747 | 40743.41 | 6930.120 | 1679.579 |
| #2 | 1174.636 | 1568.214 | 40918.41 | 6979.800 | 1703.396 |
| #3 | 1180.738 | 1542.688 | 40940.82 | 6998.860 | 1672.480 |

Sample Name: CRI01      Acquired: 07/21/2023 15:38:43      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175009 | .0384769 | .0149159 | .0204264 | .0544384 | .0942748 | .1040439 |
| Stddev | .0035359 | .0038251 | .0027106 | .0004072 | .0028211 | .0040422 | .0013148 |
| %RSD   | 20.20424 | 9.941310 | 18.17242 | 1.993527 | 5.182185 | 4.287653 | 1.263680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0202613 | .0341098 | .0121821 | .0206534 | .0574080 | .0903460 | .1025519 |
| #2 | .0187261 | .0400877 | .0149631 | .0206695 | .0541133 | .0984215 | .1050330 |
| #3 | .0135154 | .0412331 | .0176026 | .0199563 | .0517940 | .0940569 | .1045468 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066129 | .0069171 | 2.000735 | .0106449 | .0302454 | .0225031 | .1096463 |
| Stddev | .0001032 | .0000170 | .034219  | .0004311 | .0000881 | .0019834 | .0053554 |
| %RSD   | 1.560706 | .2451307 | 1.710297 | 4.049936 | .2913687 | 8.813815 | 4.884257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065833 | .0069217 | 1.961224 | .0101681 | .0303065 | .0241476 | .1105730 |
| #2 | .0065276 | .0068983 | 2.020224 | .0107595 | .0302853 | .0230614 | .1038880 |
| #3 | .0067276 | .0069313 | 2.020757 | .0110072 | .0301444 | .0203004 | .1144779 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217939 | 2.175755 | .0398478 | .0108640 | 2.182505 | .0388811 | .0428972 |
| Stddev | .0007588 | .031722  | .0006761 | .0003875 | .173435  | .0026581 | .0008037 |
| %RSD   | 3.481668 | 1.457988 | 1.696644 | 3.566723 | 7.946588 | 6.836548 | 1.873570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0213513 | 2.144116 | .0399141 | .0112544 | 2.149799 | .0378430 | .0432161 |
| #2 | .0213604 | 2.207560 | .0391409 | .0108582 | 2.369964 | .0419017 | .0419830 |
| #3 | .0226701 | 2.175590 | .0404882 | .0104794 | 2.027752 | .0368987 | .0434925 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.905050 | .0175810 | .0998670 | .2215822 | .0150339 | .4399591 | .0361992 |
| Stddev | .097058  | .0012511 | .0019755 | .0003539 | .0057852 | .0053037 | .0008995 |
| %RSD   | 5.094752 | 7.116237 | 1.978163 | .1597298 | 38.48096 | 1.205502 | 2.484844 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.798973 | .0161593 | .0977095 | .2218689 | .0199199 | .4339433 | .0355024 |
| #2 | 1.989407 | .0180694 | .1015873 | .2211866 | .0165360 | .4419738 | .0372146 |
| #3 | 1.926771 | .0185141 | .1003044 | .2216910 | .0086458 | .4439602 | .0358805 |

Sample Name: CRI01      Acquired: 07/21/2023 15:38:43      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0426497</b> | <b>.0216028</b> | <b>.0206093</b> |
| Stddev | .0008269        | .0015176        | .0001805        |
| %RSD   | 1.938846        | 7.025081        | .8757752        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0427284</b> | <b>.0198523</b> | <b>.0204589</b> |
| #2 | <b>.0434344</b> | <b>.0225482</b> | <b>.0208094</b> |
| #3 | <b>.0417862</b> | <b>.0224079</b> | <b>.0205597</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1200.881</b> | <b>1560.186</b> | <b>41514.00</b> | <b>7067.810</b> | <b>1695.899</b> |
| Stddev    | 5.252           | 1.785           | 56.34           | 67.535          | 3.217           |
| %RSD      | .4373830        | .1144241        | .1357056        | .9555335        | .1896700        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1196.874 | 1560.052 | 41465.32 | 7145.680 | 1696.220 |
| #2 | 1206.828 | 1558.472 | 41500.97 | 7032.510 | 1692.534 |
| #3 | 1198.942 | 1562.035 | 41575.71 | 7025.240 | 1698.944 |

Sample Name: ICSA01      Acquired: 07/21/2023 15:42:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.018975</b> | <b>-.004867</b> | <b>.0026220</b> | <b>.0045191</b> | <b>.0067431</b> | <b>268.0575</b> | <b>.0063429</b> |
| Stddev | .005653         | .001953         | .0055755        | .0143788        | .0021191        | 5.0719          | .0004672        |
| %RSD   | 29.78953        | 40.12604        | 212.6426        | 318.1762        | 31.42599        | 1.892104        | 7.366402        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.013021</b> | <b>-.005394</b> | <b>.0087534</b> | <b>-.009766</b> | <b>.0089231</b> | <b>262.4177</b> | <b>.0063500</b> |
| #2 | <b>-.019637</b> | <b>-.002704</b> | <b>.0012568</b> | <b>.004334</b>  | <b>.0046907</b> | <b>269.5104</b> | <b>.0068065</b> |
| #3 | <b>-.024268</b> | <b>-.006502</b> | <b>-.002144</b> | <b>.018990</b>  | <b>.0066155</b> | <b>272.2445</b> | <b>.0058721</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0010618</b> | <b>.0012702</b> | <b>255.2091</b> | <b>.0488961</b> | <b>-.001083</b> | <b>-.004224</b> | <b>99.81082</b> |
| Stddev | .0000279        | .0001395        | 3.8308          | .0008314        | .000399         | .001592         | 2.08457         |
| %RSD   | 2.632710        | 10.97985        | 1.501058        | 1.700399        | 36.82115        | 37.68815        | 2.088524        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0010562</b> | <b>.0014252</b> | <b>250.8445</b> | <b>.0497510</b> | <b>-.000798</b> | <b>-.006028</b> | <b>97.46608</b> |
| #2 | <b>.0010371</b> | <b>.0011550</b> | <b>256.7688</b> | <b>.0480904</b> | <b>-.001539</b> | <b>-.003016</b> | <b>100.5119</b> |
| #3 | <b>.0010921</b> | <b>.0012303</b> | <b>258.0141</b> | <b>.0488470</b> | <b>-.000912</b> | <b>-.003628</b> | <b>101.4545</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0123292</b> | <b>272.5949</b> | <b>.0006398</b> | <b>-.003249</b> | <b>.4540721</b> | <b>-.001306</b> | <b>.0033621</b> |
| Stddev | .0004487        | 5.8016          | .0002281        | .000252         | .0648020        | .000906         | .0003678        |
| %RSD   | 3.639343        | 2.128287        | 35.64704        | 7.771203        | 14.27131        | 69.36717        | 10.93836        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0118173</b> | <b>266.1102</b> | <b>.0003785</b> | <b>-.003070</b> | <b>.5249109</b> | <b>-.001950</b> | <b>.0036406</b> |
| #2 | <b>.0126547</b> | <b>274.3814</b> | <b>.0007419</b> | <b>-.003537</b> | <b>.4395261</b> | <b>-.000270</b> | <b>.0029452</b> |
| #3 | <b>.0125155</b> | <b>277.2933</b> | <b>.0007990</b> | <b>-.003138</b> | <b>.3977793</b> | <b>-.001698</b> | <b>.0035006</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.156413</b> | <b>-.008269</b> | <b>-.050665</b> | <b>-.001365</b> | <b>-.018334</b> | <b>-.004101</b> | <b>-.007916</b> |
| Stddev | .047375         | .003629         | .001562         | .000244         | .006901         | .000970         | .001725         |
| %RSD   | 30.28863        | 43.88953        | 3.082515        | 17.84499        | 37.63831        | 23.64482        | 21.79278        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.169442</b> | <b>-.006967</b> | <b>-.052466</b> | <b>-.001419</b> | <b>-.014154</b> | <b>-.003119</b> | <b>-.005942</b> |
| #2 | <b>-.195911</b> | <b>-.005470</b> | <b>-.049680</b> | <b>-.001099</b> | <b>-.026299</b> | <b>-.004127</b> | <b>-.008669</b> |
| #3 | <b>-.103887</b> | <b>-.012369</b> | <b>-.049850</b> | <b>-.001577</b> | <b>-.014550</b> | <b>-.005058</b> | <b>-.009137</b> |

Sample Name: ICSA01      Acquired: 07/21/2023 15:42:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000083 | -.016897 | .0041970 |
| Stddev | .0002622 | .000623  | .0001758 |
| %RSD   | 3162.899 | 3.685026 | 4.188958 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0000621 | -.016182 | .0041789 |
| #2 | .0002394 | -.017186 | .0040309 |
| #3 | -.000277 | -.017322 | .0043812 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1080.471 | 1408.611 | 37826.58 | 6761.556 | 1417.677 |
| Stddev    | 11.721   | 5.682    | 231.28   | 80.329   | 8.238    |
| %RSD      | 1.084769 | .4034104 | .6114114 | 1.188025 | .5810861 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1074.198 | 1403.933 | 37594.01 | 6846.745 | 1418.474 |
| #2 | 1093.993 | 1414.935 | 38056.54 | 6750.740 | 1425.487 |
| #3 | 1073.222 | 1406.966 | 37829.20 | 6687.183 | 1409.069 |

Sample Name: ICSAB01      Acquired: 07/21/2023 15:47:04      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1064249 | .1152727 | .0543647 | .0411711 | .6138078 | 267.4085 |
| Stddev | .0043128 | .0059356 | .0038728 | .0018345 | .0041019 | 1.7795   |
| %RSD   | 4.052452 | 5.149226 | 7.123701 | 4.455912 | .6682703 | .6654664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1022217 | .1220972 | .0542397 | .0398180 | .6181882 | 265.3843 |
| #2 | .1062135 | .1113107 | .0505559 | .0432592 | .6100572 | 268.7265 |
| #3 | .1108396 | .1124103 | .0582984 | .0404360 | .6131779 | 268.1148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5265061 | .5174313 | 1.055210 | 255.2101 | .5592124 | .5111333 |
| Stddev | .0020244 | .0015313 | .001075  | 1.6742   | .0026899 | .0012221 |
| %RSD   | .3845047 | .2959420 | .1019207 | .6559989 | .4810187 | .2390906 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5242446 | .5158350 | 1.054994 | 253.2889 | .5580423 | .5101216 |
| #2 | .5281493 | .5175711 | 1.056377 | 255.9845 | .5573057 | .5107872 |
| #3 | .5271244 | .5188880 | 1.054259 | 256.3569 | .5622892 | .5124911 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5158388 | 99.75213 | .5187825 | 272.4488 | 1.011651 | .2017466 |
| Stddev | .0058570 | 1.07652  | .0053756 | 3.2692   | .000953  | .0021848 |
| %RSD   | 1.135441 | 1.079192 | 1.036192 | 1.199923 | .0942035 | 1.082963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5115420 | 98.59001 | .5125850 | 268.8242 | 1.012604 | .2004890 |
| #2 | .5225102 | 99.95108 | .5215808 | 273.3478 | 1.011652 | .2004814 |
| #3 | .5134640 | 100.7153 | .5221817 | 275.1744 | 1.010698 | .2042695 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .2853673 | .5095228 | 1.037543 | -.165130 | F -.017027 | F .7495738 |
| Stddev | .0614680 | .0008622 | .004128  | .061874  | .006049    | .0032659   |
| %RSD   | 21.53994 | .1692117 | .3978573 | 37.47005 | 35.52734   | .4356986   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3416606 | .5094817 | 1.032842 | -.226825 | -.010730 | .7528543 |
| #2 | .2197826 | .5086819 | 1.039208 | -.165487 | -.022794 | .7463227 |
| #3 | .2946587 | .5104047 | 1.040577 | -.103078 | -.017555 | .7495445 |

Sample Name: ICSAB01      Acquired: 07/21/2023 15:47:04      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                   |                   |
|--------|-----------------|-------------------|-------------------|-----------------|-------------------|-------------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361            | Li6707            |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm               | ppm               |
| Avg    | <b>.8887455</b> | <b>F -.023734</b> | <b>F .7319869</b> | <b>.9063599</b> | <b>F .8182405</b> | <b>F -.016985</b> |
| Stddev | .0541290        | .003071           | .0034364          | .0557196        | .0024882          | .000657           |
| %RSD   | 6.090490        | 12.93848          | .4694603          | 6.147628        | .3040915          | 3.869693          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8361604 | -.026893 | .7355528 | .8502369 | .8169162 | -.017416 |
| #2 | .8857797 | -.020759 | .7317113 | .9071754 | .8211107 | -.016228 |
| #3 | .9442964 | -.023550 | .7286966 | .9616672 | .8166944 | -.017310 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .0041726</b> |
| Stddev | .0004653          |
| %RSD   | 11.15012          |

|    |          |
|----|----------|
| #1 | .0045580 |
| #2 | .0043040 |
| #3 | .0036558 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1080.259</b> | <b>1425.042</b> | <b>38023.08</b> | <b>6806.645</b> | <b>1433.590</b> |
| Stddev    | 6.088           | 3.923           | 214.81          | 19.588          | 1.601           |
| %RSD      | .5635513        | .2753046        | .5649550        | .2877776        | .1117061        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1087.069 | 1421.129 | 38262.73 | 6828.878 | 1431.743 |
| #2 | 1075.344 | 1428.975 | 37958.67 | 6791.928 | 1434.596 |
| #3 | 1078.365 | 1425.023 | 37847.84 | 6799.130 | 1434.430 |

Sample Name: ICSADLX20      Acquired: 07/21/2023 15:50:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000291</b> | <b>-.001138</b> | <b>.0006976</b> | <b>.0036021</b> | <b>-.000061</b> | <b>12.91226</b> | <b>.0006823</b> |
| Stddev | .006546         | .001250         | .0016364        | .0012483        | .001597         | .16256          | .0000986        |
| %RSD   | 2252.200        | 109.8742        | 234.5824        | 34.65582        | 2603.817        | 1.258975        | 14.44973        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002214  | -.002448 | -.000953 | .0048534 | .001714  | 13.02303 | .0007659 |
| #2 | -.007719 | -.001007 | .000727  | .0035962 | -.000516 | 12.72564 | .0005736 |
| #3 | .004633  | .000042  | .002319  | .0023567 | -.001382 | 12.98812 | .0007075 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001434</b> | <b>.0000375</b> | <b>12.95359</b> | <b>.0031355</b> | <b>-.000747</b> | <b>-.000045</b> | <b>5.290772</b> |
| Stddev | .0000277        | .0000858        | .13323          | .0003807        | .000205         | .002431         | .064483         |
| %RSD   | 19.32970        | 228.4807        | 1.028487        | 12.14221        | 27.45710        | 5403.180        | 1.218779        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001265 | -.000059 | 13.02797 | .0027196 | -.000602 | .002761  | 5.341170 |
| #2 | .0001283 | .000068  | 12.79978 | .0032200 | -.000982 | -.001488 | 5.218107 |
| #3 | .0001754 | .000104  | 13.03301 | .0034669 | -.000658 | -.001408 | 5.313038 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0608140</b> | <b>13.14741</b> | <b>-.000201</b> | <b>.0002262</b> | <b>.2723263</b> | <b>-.000409</b> | <b>.0020896</b> |
| Stddev | .0005688        | .17002          | .000420         | .0004791        | .2167818        | .001000         | .0002805        |
| %RSD   | .9353012        | 1.293161        | 208.6588        | 211.7788        | 79.60370        | 244.1778        | 13.42548        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0608619 | 13.24234 | -.000281 | .0001910 | .2796102 | -.001556 | .0023348 |
| #2 | .0602227 | 12.95113 | -.000575 | -.000234 | .4853744 | .000282  | .0021502 |
| #3 | .0613573 | 13.24877 | .000253  | .000722  | .0519944 | .000045  | .0017837 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.050768</b> | <b>-.000811</b> | <b>-.007793</b> | <b>-.000300</b> | <b>.2673059</b> | <b>.0271356</b> | <b>.0008101</b> |
| Stddev | .031119         | .001754         | .001234         | .000478         | .0079105        | .0009134        | .0009816        |
| %RSD   | 61.29643        | 216.2782        | 15.83863        | 159.0500        | 2.959357        | 3.366205        | 121.1690        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.019613 | -.002776 | -.006872 | -.000082 | .2634887 | .0277459 | -.000157 |
| #2 | -.081851 | -.000252 | -.007312 | .000029  | .2764012 | .0275753 | .001806  |
| #3 | -.050840 | .000596  | -.009196 | -.000849 | .2620278 | .0260854 | .000781  |

Sample Name: ICSADLX20      Acquired: 07/21/2023 15:50:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0024605 | .0005946 | -.000117 |
| Stddev | .0005618 | .0012529 | .000031  |
| %RSD   | 22.83283 | 210.7144 | 26.59622 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0031028 | -.000289 | -.000117 |
| #2 | .0020611 | .002028  | -.000149 |
| #3 | .0022175 | .000044  | -.000086 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1184.968 | 1539.754 | 40930.36 | 7118.040 | 1650.107 |
| Stddev    | 14.685   | 17.247   | 401.46   | 70.904   | 18.282   |
| %RSD      | 1.239282 | 1.120105 | .9808472 | .9961217 | 1.107946 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1168.065 | 1556.186 | 40469.57 | 7062.890 | 1666.994 |
| #2 | 1194.586 | 1521.794 | 41204.65 | 7198.020 | 1630.693 |
| #3 | 1192.254 | 1541.281 | 41116.87 | 7093.210 | 1652.633 |

Sample Name: ICSABDLX20      Acquired: 07/21/2023 15:55:00      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001130 | .0052727 | .0021300 | .0019449 | .0311914 | 13.41418 | .0280744 |
| Stddev | .0054405 | .0015261 | .0018124 | .0100212 | .0014169 | .04598   | .0001096 |
| %RSD   | 4815.739 | 28.94305 | 85.09205 | 515.2458 | 4.542587 | .3427640 | .3904543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000719 | .0037592 | .0040561 | .0052375 | .0326158 | 13.43153 | .0279659 |
| #2 | .005922  | .0052478 | .0004581 | -.009308 | .0311762 | 13.44896 | .0280722 |
| #3 | -.004863 | .0068111 | .0018758 | .009906  | .0297821 | 13.36205 | .0281851 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0282630 | .0565301 | 13.46664 | .0311626 | .0262295 | .0269779 | 5.495565 |
| Stddev | .0001951 | .0002306 | .01158   | .0000352 | .0000818 | .0023673 | .031455  |
| %RSD   | .6903116 | .4078791 | .0859960 | .1129519 | .3119531 | 8.775156 | .5723668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0284818 | .0563394 | 13.46077 | .0311287 | .0262460 | .0263466 | 5.473547 |
| #2 | .0282004 | .0564647 | 13.47998 | .0311600 | .0261406 | .0295968 | 5.531590 |
| #3 | .0281069 | .0567864 | 13.45918 | .0311990 | .0263017 | .0249901 | 5.481558 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0288300 | 13.56517 | .0539805 | .0089713 | .2101548 | .0273762 | .0573972 |
| Stddev | .0002567 | .06273   | .0003643 | .0002275 | .0519003 | .0007637 | .0002834 |
| %RSD   | .8905281 | .4624535 | .6748306 | 2.536049 | 24.69623 | 2.789645 | .4937671 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0291263 | 13.62868 | .0538676 | .0091847 | .2142930 | .0277031 | .0570727 |
| #2 | .0286887 | 13.56360 | .0543879 | .0089972 | .1563093 | .0279220 | .0575232 |
| #3 | .0286749 | 13.50324 | .0536860 | .0087319 | .2598621 | .0265034 | .0575958 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.153542 | -.003056 | .0449762 | .0542438 | -.002863 | .0522330 | .0501812 |
| Stddev | .042895  | .003431  | .0012165 | .0003689 | .010001  | .0006325 | .0005812 |
| %RSD   | 27.93725 | 112.2755 | 2.704740 | .6800907 | 349.3298 | 1.211011 | 1.158124 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.146974 | .000652  | .0442441 | .0538454 | -.006284 | .0515437 | .0505442 |
| #2 | -.199342 | -.003700 | .0463805 | .0543125 | -.010705 | .0523684 | .0504885 |
| #3 | -.114309 | -.006118 | .0443041 | .0545736 | .008400  | .0527868 | .0495109 |

Sample Name: ICSABDLX20      Acquired: 07/21/2023 15:55:00      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0543876</b> | <b>-.000376</b> | <b>-.000130</b> |
| Stddev | .0006632        | .001358         | .000079         |
| %RSD   | 1.219406        | 360.8905        | 60.92812        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0542057</b> | <b>-.000919</b> | <b>-.000039</b> |
| #2 | <b>.0538344</b> | <b>-.001378</b> | <b>-.000185</b> |
| #3 | <b>.0551228</b> | <b>.001169</b>  | <b>-.000165</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1173.927</b> | <b>1536.400</b> | <b>40621.35</b> | <b>7046.297</b> | <b>1646.427</b> |
| Stddev    | 8.312           | 5.733           | 191.07          | 57.330          | 3.057           |
| %RSD      | .7080122        | .3731757        | .4703615        | .8136211        | .1857015        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1164.333 | 1534.389 | 40455.49 | 6988.890 | 1643.221 |
| #2 | 1178.504 | 1531.942 | 40578.28 | 7046.450 | 1646.750 |
| #3 | 1178.945 | 1542.868 | 40830.27 | 7103.550 | 1649.310 |

Sample Name: CCV01      Acquired: 07/21/2023 15:59:06      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.898622</b> | <b>4.903439</b> | <b>4.887129</b> | <b>4.877142</b> | <b>4.883381</b> | <b>9.707273</b> | <b>9.936043</b> |
| Stddev | .032337         | .035761         | .030124         | .023261         | .034787         | .048991         | .027819         |
| %RSD   | .6601248        | .7292970        | .6163918        | .4769484        | .7123473        | .5046841        | .2799766        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.931416 | 4.928350 | 4.915564 | 4.903349 | 4.921757 | 9.650712 | 9.904703 |
| #2 | 4.897690 | 4.919504 | 4.890262 | 4.869141 | 4.874469 | 9.734703 | 9.957815 |
| #3 | 4.866762 | 4.862463 | 4.855561 | 4.858938 | 4.853917 | 9.736404 | 9.945611 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2474591</b> | <b>2.457160</b> | <b>24.85007</b> | <b>.9914999</b> | <b>2.444548</b> | <b>1.243277</b> | <b>4.907204</b> |
| Stddev | .0006457        | .016082         | .16346          | .0106781        | .016810         | .005476         | .024741         |
| %RSD   | .2609472        | .6544912        | .6577720        | 1.076963        | .6876584        | .4404831        | .5041726        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2471872 | 2.465636 | 24.66239 | .9792220 | 2.458354 | 1.236953 | 4.884081 |
| #2 | .2469937 | 2.467232 | 24.96126 | .9986197 | 2.449461 | 1.246410 | 4.933295 |
| #3 | .2481963 | 2.438613 | 24.92655 | .9966579 | 2.425828 | 1.246468 | 4.904236 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.475217</b> | <b>24.27365</b> | <b>2.450952</b> | <b>1.232037</b> | <b>25.52030</b> | <b>2.480256</b> | <b>2.478943</b> |
| Stddev | .009314         | .16977          | .019061         | .015935         | .14478          | .019645         | .022283         |
| %RSD   | .3762840        | .6994101        | .7777101        | 1.293383        | .5673051        | .7920636        | .8988844        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.465378 | 24.08313 | 2.465969 | 1.213672 | 25.40610 | 2.458828 | 2.453215 |
| #2 | 2.483898 | 24.32895 | 2.457379 | 1.240225 | 25.47167 | 2.484523 | 2.492079 |
| #3 | 2.476375 | 24.40889 | 2.429508 | 1.242213 | 25.68314 | 2.497418 | 2.491534 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.39106</b> | <b>4.865935</b> | <b>4.915850</b> | <b>4.902049</b> | <b>4.808927</b> | <b>4.900720</b> | <b>4.860497</b> |
| Stddev | .16292          | .042398         | .029801         | .039340         | .042303         | .044618         | .037505         |
| %RSD   | .6679571        | .8713181        | .6062134        | .8025118        | .8796683        | .9104443        | .7716197        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.23625 | 4.901537 | 4.885340 | 4.940011 | 4.848680 | 4.855341 | 4.883369 |
| #2 | 24.56103 | 4.877235 | 4.917324 | 4.904673 | 4.813632 | 4.902284 | 4.880907 |
| #3 | 24.37589 | 4.819032 | 4.944887 | 4.861464 | 4.764468 | 4.944536 | 4.817214 |

Sample Name: CCV01      Acquired: 07/21/2023 15:59:06      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.887961</b> | <b>4.912204</b> | <b>4.909755</b> |
| Stddev | .017045         | .013157         | .049956         |
| %RSD   | .3487234        | .2678498        | 1.017489        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.868667</b> | <b>4.898645</b> | <b>4.856471</b> |
| #2 | <b>4.900979</b> | <b>4.924919</b> | <b>4.917259</b> |
| #3 | <b>4.894237</b> | <b>4.913050</b> | <b>4.955534</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1174.647</b> | <b>1542.505</b> | <b>40819.41</b> | <b>7058.605</b> | <b>1606.505</b> |
| Stddev    | 6.146           | 12.928          | 395.78          | 4.421           | 12.646          |
| %RSD      | .5232214        | .8380961        | .9695765        | .0626306        | .7871534        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1181.399</b> | <b>1528.186</b> | <b>41271.71</b> | <b>7058.721</b> | <b>1593.898</b> |
| #2 | <b>1169.377</b> | <b>1546.012</b> | <b>40536.64</b> | <b>7054.128</b> | <b>1606.428</b> |
| #3 | <b>1173.165</b> | <b>1553.318</b> | <b>40649.87</b> | <b>7062.967</b> | <b>1619.189</b> |

Sample Name: LLCCV01      Acquired: 07/21/2023 16:07:19      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0184632 | .0363956 | .0133996 | .0234569 | .0491769 | .0991018 |
| Stddev | .0023449 | .0012199 | .0028434 | .0023750 | .0021514 | .0012096 |
| %RSD   | 12.70033 | 3.351763 | 21.22020 | 10.12477 | 4.374875 | 1.220569 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0162552 | .0350104 | .0148801 | .0209496 | .0495526 | .1003661 |
| #2 | .0209244 | .0368667 | .0151972 | .0256726 | .0468623 | .0989840 |
| #3 | .0182101 | .0373097 | .0101214 | .0237486 | .0511156 | .0979555 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0967589 | .0061029 | .0063916 | 1.901593 | .0097779 | .0283463 |
| Stddev | .0005579 | .0000440 | .0001217 | .002706  | .0001431 | .0003458 |
| %RSD   | .5765502 | .7212961 | 1.903900 | .1423160 | 1.463373 | 1.219875 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0963188 | .0060587 | .0062910 | 1.899320 | .0098590 | .0279577 |
| #2 | .0973863 | .0061033 | .0065268 | 1.900872 | .0098620 | .0286202 |
| #3 | .0965716 | .0061467 | .0063568 | 1.904587 | .0096127 | .0284609 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209590 | .0960242 | .0205393 | 1.978426 | .0373494 | .0099776 |
| Stddev | .0012106 | .0023087 | .0005197 | .010017  | .0002774 | .0002951 |
| %RSD   | 5.776246 | 2.404246 | 2.530265 | .5062884 | .7428067 | 2.957365 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0196971 | .0958801 | .0206195 | 1.976088 | .0371259 | .0096542 |
| #2 | .0221109 | .0937909 | .0210142 | 1.969785 | .0372623 | .0100464 |
| #3 | .0210690 | .0984015 | .0199841 | 1.989405 | .0376599 | .0102322 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.291235 | .0357061 | .0402308 | 1.816672 | F .0122198 | .0931629 |
| Stddev | .076454  | .0019242 | .0003960 | .036741  | .0004123   | .0005488 |
| %RSD   | 3.336785 | 5.388991 | .9843757 | 2.022439 | 3.374143   | .5890703 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.358073 | .0345045 | .0398719 | 1.836365 | .0123817 | .0927211 |
| #2 | 2.307761 | .0346884 | .0406556 | 1.839368 | .0117511 | .0937772 |
| #3 | 2.207869 | .0379254 | .0401648 | 1.774282 | .0125265 | .0929904 |

Sample Name: LLCCV01      Acquired: 07/21/2023 16:07:19      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2069348</b> | <b>F .0090637</b> | <b>.3730414</b> | <b>.0357111</b> | <b>.0402943</b> | <b>.0211629</b> |
| Stddev | .0010231        | .0015447          | .0036182        | .0004121        | .0002372        | .0005659        |
| %RSD   | .4944056        | 17.04307          | .9699331        | 1.154059        | .5886428        | 2.674154        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2062047 | .0075262 | .3769539 | .0361737 | .0400713 | .0211145 |
| #2 | .2064955 | .0090494 | .3698160 | .0353831 | .0402682 | .0206227 |
| #3 | .2081042 | .0106155 | .3723542 | .0355765 | .0405435 | .0217515 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0191945</b> |
| Stddev | .0001292        |
| %RSD   | .6731414        |

|    |          |
|----|----------|
| #1 | .0190613 |
| #2 | .0193193 |
| #3 | .0192028 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1187.380</b> | <b>1552.526</b> | <b>41245.25</b> | <b>7050.867</b> | <b>1685.156</b> |
| Stddev    | 8.528           | 2.098           | 92.52           | 20.254          | 2.482           |
| %RSD      | .7182558        | .1351515        | .2243059        | .2872486        | .1472681        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1193.304 | 1554.193 | 41201.40 | 7031.200 | 1687.795 |
| #2 | 1177.605 | 1553.216 | 41182.82 | 7049.740 | 1684.805 |
| #3 | 1191.231 | 1550.170 | 41351.54 | 7071.660 | 1682.869 |

Sample Name: CCB01      Acquired: 07/21/2023 16:11:26      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000412</b> | <b>-.002467</b> | <b>-.000477</b> | <b>.0009610</b> | <b>.0008224</b> | <b>-.006477</b> | <b>.0000578</b> |
| Stddev | .002112         | .000962         | .001096         | .0029921        | .0019876        | .003080         | .0003336        |
| %RSD   | 513.3183        | 38.99065        | 229.4889        | 311.3728        | 241.6942        | 47.55011        | 577.5576        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001221</b> | <b>-.001877</b> | <b>.000788</b>  | <b>.0023749</b> | <b>.0021994</b> | <b>-.005152</b> | <b>.0004050</b> |
| #2 | <b>.001986</b>  | <b>-.003577</b> | <b>-.001102</b> | <b>-.002476</b> | <b>-.001456</b> | <b>-.004282</b> | <b>.0000286</b> |
| #3 | <b>-.001999</b> | <b>-.001947</b> | <b>-.001119</b> | <b>.002984</b>  | <b>.001724</b>  | <b>-.009998</b> | <b>-.000260</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000008</b> | <b>.0000359</b> | <b>-.003727</b> | <b>.0001742</b> | <b>.0002180</b> | <b>-.002956</b> | <b>.0026389</b> |
| Stddev | .000036         | .0000391        | .007159         | .0000936        | .0000668        | .001689         | .0053082        |
| %RSD   | 460.5391        | 109.0505        | 192.0870        | 53.73641        | 30.66851        | 57.11458        | 201.1518        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000002</b> | <b>.0000346</b> | <b>-.006791</b> | <b>.0001128</b> | <b>.0002933</b> | <b>-.004461</b> | <b>.0019471</b> |
| #2 | <b>-.000047</b> | <b>-.000003</b> | <b>-.008843</b> | <b>.0002820</b> | <b>.0001949</b> | <b>-.001130</b> | <b>-.002289</b> |
| #3 | <b>.000025</b>  | <b>.000076</b>  | <b>.004454</b>  | <b>.0001279</b> | <b>.0001657</b> | <b>-.003278</b> | <b>.008259</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001320</b> | <b>-.010142</b> | <b>-.000071</b> | <b>.0001681</b> | <b>.2521274</b> | <b>-.000217</b> | <b>.0001045</b> |
| Stddev | .0002633        | .002917         | .000144         | .0002473        | .1166350        | .001344         | .0007307        |
| %RSD   | 199.4968        | 28.75681        | 202.6677        | 147.1450        | 46.26036        | 619.0777        | 698.8891        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002449</b> | <b>-.007491</b> | <b>-.000188</b> | <b>.0001047</b> | <b>.1811267</b> | <b>.000262</b>  | <b>.0005266</b> |
| #2 | <b>-.000169</b> | <b>-.013266</b> | <b>.000090</b>  | <b>.0004410</b> | <b>.1885171</b> | <b>.000822</b>  | <b>.0005263</b> |
| #3 | <b>.000320</b>  | <b>-.009670</b> | <b>-.000116</b> | <b>-.000041</b> | <b>.3867383</b> | <b>-.001735</b> | <b>-.000739</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.110406</b> | <b>-.000311</b> | <b>-.005349</b> | <b>.0000738</b> | <b>-.001668</b> | <b>.0000252</b> | <b>-.002122</b> |
| Stddev | .040237         | .004003         | .001193         | .0005506        | .004638         | .0002194        | .000707         |
| %RSD   | 36.44484        | 1287.749        | 22.29889        | 745.6803        | 278.0448        | 871.7535        | 33.30127        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.120269</b> | <b>.000888</b>  | <b>-.004036</b> | <b>-.000557</b> | <b>.003658</b>  | <b>-.000131</b> | <b>-.002564</b> |
| #2 | <b>-.066154</b> | <b>-.004776</b> | <b>-.006365</b> | <b>.000460</b>  | <b>-.004812</b> | <b>-.000070</b> | <b>-.002494</b> |
| #3 | <b>-.144795</b> | <b>.002956</b>  | <b>-.005647</b> | <b>.000318</b>  | <b>-.003849</b> | <b>.000276</b>  | <b>-.001307</b> |

Sample Name: CCB01      Acquired: 07/21/2023 16:11:26      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003424 | -.000019 | -.000032 |
| Stddev | .0001964 | .001184  | .000089  |
| %RSD   | 57.36667 | 6303.306 | 276.9205 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004347 | .000467  | -.000131 |
| #2 | .0001168 | -.001369 | .000044  |
| #3 | .0004758 | .000846  | -.000010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1164.196 | 1544.433 | 40376.88 | 7037.987 | 1674.590 |
| Stddev    | 50.474   | 3.165    | 1602.61  | 50.936   | 3.753    |
| %RSD      | 4.335530 | .2049584 | 3.969139 | .7237228 | .2241188 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1202.326 | 1540.778 | 41627.40 | 7029.640 | 1672.980 |
| #2 | 1106.958 | 1546.241 | 38570.30 | 6991.740 | 1678.880 |
| #3 | 1183.303 | 1546.280 | 40932.96 | 7092.580 | 1671.910 |

Sample Name: PB154324BL      Acquired: 07/21/2023 16:15:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001151</b> | <b>-.001216</b> | <b>.0011526</b> | <b>-.002892</b> | <b>.0001935</b> | <b>-.000190</b> | <b>.0001463</b> |
| Stddev | .002450         | .002225         | .0016770        | .004266         | .0019043        | .004169         | .0002458        |
| %RSD   | 212.9097        | 183.0006        | 145.4986        | 147.5238        | 984.2253        | 2197.625        | 167.9788        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000569</b> | <b>.000627</b>  | <b>-.000179</b> | <b>-.004340</b> | <b>.0023315</b> | <b>.002078</b>  | <b>.0002481</b> |
| #2 | <b>.000956</b>  | <b>-.000586</b> | <b>.003036</b>  | <b>.001910</b>  | <b>-.001320</b> | <b>.002355</b>  | <b>-.000134</b> |
| #3 | <b>-.003839</b> | <b>-.003688</b> | <b>.000601</b>  | <b>-.006245</b> | <b>-.000431</b> | <b>-.005001</b> | <b>.000325</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000738</b> | <b>-.000026</b> | <b>-.006126</b> | <b>-.000143</b> | <b>-.000245</b> | <b>-.001586</b> | <b>-.004753</b> |
| Stddev | .0000453        | .000028         | .007196         | .000171         | .000112         | .002440         | .005158         |
| %RSD   | 61.34845        | 108.5637        | 117.4716        | 119.3527        | 45.66646        | 153.8370        | 108.5218        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001229</b> | <b>-.000036</b> | <b>-.006345</b> | <b>-.000227</b> | <b>-.000142</b> | <b>-.000627</b> | <b>.001044</b>  |
| #2 | <b>.0000648</b> | <b>-.000047</b> | <b>.001177</b>  | <b>.000053</b>  | <b>-.000363</b> | <b>-.004360</b> | <b>-.008834</b> |
| #3 | <b>.0000337</b> | <b>.000006</b>  | <b>-.013209</b> | <b>-.000256</b> | <b>-.000229</b> | <b>.000228</b>  | <b>-.006469</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000121</b> | <b>-.036540</b> | <b>-.000137</b> | <b>.0004999</b> | <b>-.040476</b> | <b>-.002215</b> | <b>-.000253</b> |
| Stddev | .000249         | .015449         | .000439         | .0001888        | .081047         | .000994         | .000217         |
| %RSD   | 205.7848        | 42.27864        | 321.2742        | 37.77936        | 200.2336        | 44.86430        | 85.78912        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000397</b> | <b>-.027846</b> | <b>.000113</b>  | <b>.0005196</b> | <b>.040263</b>  | <b>-.001507</b> | <b>-.000292</b> |
| #2 | <b>.000086</b>  | <b>-.027398</b> | <b>.000121</b>  | <b>.0003019</b> | <b>-.121827</b> | <b>-.001788</b> | <b>-.000019</b> |
| #3 | <b>-.000052</b> | <b>-.054377</b> | <b>-.000643</b> | <b>.0006781</b> | <b>-.039865</b> | <b>-.003351</b> | <b>-.000447</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.065372</b> | <b>-.000019</b> | <b>-.006819</b> | <b>-.000095</b> | <b>-.003703</b> | <b>-.000191</b> | <b>-.001092</b> |
| Stddev | .056082         | .001645         | .000843         | .000249         | .004378         | .000668         | .000716         |
| %RSD   | 85.78925        | 8497.777        | 12.36920        | 261.1341        | 118.2412        | 350.1365        | 65.57786        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006314</b> | <b>-.000405</b> | <b>-.007587</b> | <b>-.000369</b> | <b>-.008526</b> | <b>-.000711</b> | <b>-.000363</b> |
| #2 | <b>-.117908</b> | <b>-.001438</b> | <b>-.005916</b> | <b>-.000036</b> | <b>-.002599</b> | <b>.000563</b>  | <b>-.001794</b> |
| #3 | <b>-.071894</b> | <b>.001784</b>  | <b>-.006955</b> | <b>.000119</b>  | <b>.000018</b>  | <b>-.000424</b> | <b>-.001117</b> |

Sample Name: PB154324BL      Acquired: 07/21/2023 16:15:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010883 | -.000008 | -.000055 |
| Stddev | .0000773 | .001200  | .000089  |
| %RSD   | 7.101476 | 14561.44 | 162.5921 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0011671 | -.001125 | -.000157 |
| #2 | .0010854 | -.000161 | -.000014 |
| #3 | .0010126 | .001261  | .000007  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1200.108 | 1557.979 | 41631.61 | 6996.263 | 1689.124 |
| Stddev    | 13.234   | 3.665    | 314.73   | 16.792   | 4.479    |
| %RSD      | 1.102774 | .2352471 | .7559921 | .2400176 | .2651464 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1197.479 | 1554.729 | 41372.28 | 6993.300 | 1687.368 |
| #2 | 1188.386 | 1561.952 | 41540.78 | 7014.340 | 1694.214 |
| #3 | 1214.460 | 1557.256 | 41981.77 | 6981.150 | 1685.789 |

Sample Name: PB154324BS      Acquired: 07/21/2023 16:19:39      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA12200      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8212704</b> | <b>1.945946</b> | <b>.9755121</b> | <b>1.986834</b> | <b>.7578875</b> | <b>1.990634</b> |
| Stddev | .0055272        | .003105         | .0047635        | .015921         | .0052159        | .013895         |
| %RSD   | .6730055        | .1595565        | .4883081        | .8013239        | .6882204        | .6980397        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8166802 | 1.945861 | .9717631 | 2.003284 | .7629021 | 1.975288 |
| #2 | .8274057 | 1.942884 | .9739009 | 1.985717 | .7582690 | 2.002364 |
| #3 | .8197254 | 1.949093 | .9808722 | 1.971500 | .7524912 | 1.994249 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2005277</b> | <b>.2013953</b> | <b>.2001087</b> | <b>1.009787</b> | <b>.4007175</b> | <b>.1919739</b> |
| Stddev | .0000342        | .0005916        | .0001391        | .008186         | .0015095        | .0006372        |
| %RSD   | .0170732        | .2937772        | .0695146        | .8106242        | .3766871        | .3319238        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2005046 | .2020720 | .2000293 | 1.000588 | .3999000 | .1919178 |
| #2 | .2005671 | .2011378 | .2002694 | 1.012502 | .3997931 | .1926374 |
| #3 | .2005116 | .2009760 | .2000275 | 1.016269 | .4024593 | .1913667 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3072267</b> | <b>3.058523</b> | <b>.2040540</b> | <b>1.919757</b> | <b>.4832993</b> | <b>.0729677</b> |
| Stddev | .0036069        | .013212         | .0011192        | .013281         | .0011622        | .0003455        |
| %RSD   | 1.174015        | .4319583        | .5484807        | .6918094        | .2404705        | .4734912        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3069108 | 3.043268 | .2040208 | 1.906609 | .4846327 | .0733667 |
| #2 | .3109812 | 3.066245 | .2051894 | 1.933167 | .4827641 | .0727677 |
| #3 | .3037882 | 3.066057 | .2029517 | 1.919495 | .4825012 | .0727688 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.661164</b> | <b>.3068816</b> | <b>.2007846</b> | <b>9.955536</b> | <b>5.570702</b> | <b>.2895524</b> |
| Stddev | .138933         | .0011272        | .0012029        | .101633         | .014652         | .0005937        |
| %RSD   | 5.220779        | .3673122        | .5990972        | 1.020868        | .2630255        | .2050279        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.750123 | .3065981 | .2021719 | 9.863200 | 5.586512 | .2899607 |
| #2 | 2.501068 | .3081235 | .2001494 | 10.06443 | 5.557579 | .2888714 |
| #3 | 2.732301 | .3059232 | .2000325 | 9.93898  | 5.568013 | .2898251 |

Sample Name: PB154324BS      Acquired: 07/21/2023 16:19:39      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA12200      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3896255</b> | <b>F -.014405</b> | <b>.8847218</b> | <b>.6662829</b> | <b>.1987261</b> | <b>.2031318</b> |
| Stddev | .0016927        | .003294           | .0031033        | .0015864        | .0011974        | .0007497        |
| %RSD   | .4344540        | 22.86961          | .3507692        | .2381032        | .6025528        | .3690618        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3913753 | -.013250 | .8883038 | .6665689 | .1990253 | .2030086 |
| #2 | .3895051 | -.011844 | .8830157 | .6677069 | .1997455 | .2039355 |
| #3 | .3879962 | -.018122 | .8828458 | .6645730 | .1974074 | .2024514 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1978984</b> |
| Stddev | .0010276        |
| %RSD   | .5192344        |

|    |          |
|----|----------|
| #1 | .1968957 |
| #2 | .1989492 |
| #3 | .1978503 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1191.497</b> | <b>1562.445</b> | <b>41347.85</b> | <b>6944.754</b> | <b>1688.921</b> |
| Stddev    | 8.039           | 8.921           | 82.99           | 27.254          | 4.927           |
| %RSD      | .6746869        | .5709862        | .2007181        | .3924350        | .2917500        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1182.280 | 1554.743 | 41264.38 | 6918.157 | 1684.945 |
| #2 | 1197.063 | 1560.372 | 41348.82 | 6943.484 | 1687.385 |
| #3 | 1195.147 | 1572.220 | 41430.35 | 6972.620 | 1694.434 |

Sample Name: O3688-01      Acquired: 07/21/2023 16:23:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: FMI-123      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003208</b> | <b>-.000083</b> | <b>.0363722</b> | <b>.0055298</b> | <b>-.001044</b> | <b>1.656377</b> |
| Stddev | .001146         | .004114         | .0026020        | .0028570        | .001620         | .013247         |
| %RSD   | 35.73287        | 4975.771        | 7.153813        | 51.66498        | 155.1741        | .7997492        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002690 | .003161  | .0334553 | .0043500 | .000825  | 1.641637 |
| #2 | -.002411 | -.004710 | .0384544 | .0034517 | -.001901 | 1.660207 |
| #3 | -.004521 | .001301  | .0372070 | .0087878 | -.002056 | 1.667287 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3629416</b> | <b>-.000302</b> | <b>.0001056</b> | <b>141.4616</b> | <b>.0054922</b> | <b>.0546027</b> |
| Stddev | .0011833        | .000019         | .0000760        | .7399           | .0000396        | .0004770        |
| %RSD   | .3260306        | 6.458854        | 71.95275        | .5230112        | .7212255        | .8736614        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3618907 | -.000290 | .0001437 | 140.6119 | .0054916 | .0549551 |
| #2 | .3627108 | -.000290 | .0001549 | 141.8098 | .0054529 | .0540598 |
| #3 | .3642233 | -.000324 | .0000181 | 141.9631 | .0055322 | .0547931 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0126212</b> | <b>4.076293</b> | <b>8.426611</b> | <b>22.75171</b> | <b>.0317810</b> | <b>.0004657</b> |
| Stddev | .0015444        | .032419         | .052120         | .18590          | .0000830        | .0002205        |
| %RSD   | 12.23660        | .7953044        | .6185115        | .8170771        | .2610500        | 47.35104        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0122224 | 4.058991 | 8.366430 | 22.54079 | .0316993 | .0004313 |
| #2 | .0143259 | 4.113693 | 8.456336 | 22.89169 | .0318652 | .0007014 |
| #3 | .0113153 | 4.056196 | 8.457068 | 22.82266 | .0317787 | .0002644 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>186.2537</b> | <b>.0054899</b> | <b>.0813270</b> | <b>11.06997</b> | <b>.4545441</b> | <b>.2188112</b> |
| Stddev | .8815           | .0012724        | .0008794        | .05812          | .0020015        | .0014203        |
| %RSD   | .4732886        | 23.17677        | 1.081359        | .5249789        | .4403288        | .6490805        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 185.2371 | .0069014 | .0818198 | 11.00963 | .4533718 | .2182352 |
| #2 | 186.7172 | .0044310 | .0818496 | 11.07470 | .4534053 | .2204289 |
| #3 | 186.8067 | .0051373 | .0803117 | 11.12558 | .4568551 | .2177693 |

Sample Name: O3688-01      Acquired: 07/21/2023 16:23:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: FMI-123      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0137820 | F 15.51322 | F 24.51174 | .0002310 | .0880906 | .0115669 |
| Stddev | .0005331 | .02827     | .08491     | .0020849 | .0014045 | .0005388 |
| %RSD   | 3.868388 | .1822570   | .3464116   | 902.5695 | 1.594330 | 4.658128 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0142409 | 15.50740 | 24.42480 | -.001271 | .0864841 | .0109967 |
| #2 | .0131972 | 15.48831 | 24.51594 | -.000648 | .0887017 | .0120676 |
| #3 | .0139079 | 15.54395 | 24.59447 | .002611  | .0890859 | .0116362 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .6107813 |
| Stddev | .0028297 |
| %RSD   | .4632876 |

|    |          |
|----|----------|
| #1 | .6076093 |
| #2 | .6130463 |
| #3 | .6116881 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1099.392 | 1450.433 | 38760.66 | 6757.302 | 1512.684 |
| Stddev    | 2.118    | 4.659    | 110.73   | 13.617   | 2.553    |
| %RSD      | .1926153 | .3212001 | .2856871 | .2015101 | .1687860 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1096.957 | 1445.164 | 38720.59 | 6772.776 | 1509.819 |
| #2 | 1100.423 | 1454.006 | 38675.55 | 6751.979 | 1514.718 |
| #3 | 1100.797 | 1452.130 | 38885.86 | 6747.151 | 1513.515 |

Sample Name: O3668-05      Acquired: 07/21/2023 16:27:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: N48719      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003780</b> | <b>-.000435</b> | <b>.0161150</b> | <b>.0044699</b> | <b>.0008530</b> | <b>.8827699</b> |
| Stddev | .002427         | .003108         | .0024405        | .0096692        | .0003296        | .0039258        |
| %RSD   | 64.21491        | 714.0258        | 15.14408        | 216.3182        | 38.63619        | .4447082        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006381</b> | <b>-.003465</b> | <b>.0179868</b> | <b>.0142074</b> | <b>.0010615</b> | <b>.8872939</b> |
| #2 | <b>-.001576</b> | <b>.002746</b>  | <b>.0170035</b> | <b>-.005130</b> | <b>.0010244</b> | <b>.8802598</b> |
| #3 | <b>-.003382</b> | <b>-.000587</b> | <b>.0133548</b> | <b>.004332</b>  | <b>.0004730</b> | <b>.8807560</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2527740</b> | <b>-.000174</b> | <b>.0000095</b> | <b>221.8727</b> | <b>.0039650</b> | <b>.0016491</b> |
| Stddev | .0005860        | .000068         | .0001050        | .3409           | .0003898        | .0003729        |
| %RSD   | .2318117        | 39.16951        | 1107.404        | .1536514        | 9.831993        | 22.61244        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2534506</b> | <b>-.000096</b> | <b>-.000111</b> | <b>222.2608</b> | <b>.0044150</b> | <b>.0017269</b> |
| #2 | <b>.2524375</b> | <b>-.000217</b> | <b>.000078</b>  | <b>221.6219</b> | <b>.0037298</b> | <b>.0012434</b> |
| #3 | <b>.2524338</b> | <b>-.000211</b> | <b>.000062</b>  | <b>221.7352</b> | <b>.0037503</b> | <b>.0019769</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0809597</b> | <b>1.443901</b> | <b>5.429390</b> | <b>30.78822</b> | <b>.0204523</b> | <b>.0001568</b> |
| Stddev | .0029807        | .018525         | .004596         | .16847          | .0006208        | .0001022        |
| %RSD   | 3.681714        | 1.282998        | .0846596        | .5472011        | 3.035336        | 65.19852        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0776070</b> | <b>1.452057</b> | <b>5.431396</b> | <b>30.83966</b> | <b>.0209286</b> | <b>.0001092</b> |
| #2 | <b>.0819622</b> | <b>1.422697</b> | <b>5.432643</b> | <b>30.60002</b> | <b>.0197502</b> | <b>.0002742</b> |
| #3 | <b>.0833099</b> | <b>1.456948</b> | <b>5.424132</b> | <b>30.92498</b> | <b>.0206781</b> | <b>.0000871</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>426.6489</b> | <b>-.001065</b> | <b>.0217982</b> | <b>42.62280</b> | <b>.0694942</b> | <b>.1308555</b> |
| Stddev | 2.9521          | .002225         | .0002558        | .33398          | .0027250        | .0010097        |
| %RSD   | .6919208        | 208.7956        | 1.173570        | .7835775        | 3.921136        | .7716194        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>429.7332</b> | <b>-.003105</b> | <b>.0215044</b> | <b>42.99992</b> | <b>.0680864</b> | <b>.1304005</b> |
| #2 | <b>423.8497</b> | <b>-.001399</b> | <b>.0219186</b> | <b>42.36441</b> | <b>.0726351</b> | <b>.1320126</b> |
| #3 | <b>426.3637</b> | <b>.001307</b>  | <b>.0219715</b> | <b>42.50407</b> | <b>.0677611</b> | <b>.1301533</b> |

Sample Name: O3668-05      Acquired: 07/21/2023 16:27:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: N48719      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0203324 | F 147.2794 | 9.936522 | -.008833 | .0370414 | .0068298 |
| Stddev | .0003651 | .1869      | .043029  | .002530  | .0005384 | .0001115 |
| %RSD   | 1.795443 | .1268835   | .4330431 | 28.64151 | 1.453494 | 1.632944 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0202574 | 147.3003 | 9.971367 | -.010878 | .0364232 | .0067491 |
| #2 | .0200107 | 147.4550 | 9.949774 | -.006004 | .0374072 | .0069571 |
| #3 | .0207292 | 147.0829 | 9.888426 | -.009616 | .0372939 | .0067833 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8049466 |
| Stddev | .0090628 |
| %RSD   | 1.125886 |

|    |          |
|----|----------|
| #1 | .8137461 |
| #2 | .7956417 |
| #3 | .8054521 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1084.569 | 1425.852 | 38005.00 | 6721.577 | 1456.068 |
| Stddev    | 4.945    | 8.960    | 181.72   | 40.882   | 6.432    |
| %RSD      | .4559178 | .6284281 | .4781539 | .6082141 | .4417570 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1089.838 | 1419.625 | 38071.22 | 6679.511 | 1450.190 |
| #2 | 1083.840 | 1421.809 | 38144.32 | 6724.059 | 1455.075 |
| #3 | 1080.030 | 1436.121 | 37799.45 | 6761.161 | 1462.939 |

Sample Name: O3668-05DUP      Acquired: 07/21/2023 16:31:35      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000950</b> | <b>.0012482</b> | <b>.0135338</b> | <b>.0016663</b> | <b>.0001133</b> | <b>.8988962</b> |
| Stddev | .002280         | .0024196        | .0016337        | .0062814        | .0007503        | .0119176        |
| %RSD   | 240.0500        | 193.8415        | 12.07107        | 376.9793        | 662.3873        | 1.325808        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003485</b> | <b>.0040409</b> | <b>.0146002</b> | <b>.0032888</b> | <b>.0000797</b> | <b>.8864078</b> |
| #2 | <b>.000935</b>  | <b>-.000222</b> | <b>.0116530</b> | <b>-.005267</b> | <b>.0008798</b> | <b>.9001344</b> |
| #3 | <b>-.000301</b> | <b>-.000075</b> | <b>.0143481</b> | <b>.006977</b>  | <b>-.000620</b> | <b>.9101464</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2566681</b> | <b>-.000176</b> | <b>.0000543</b> | <b>225.8934</b> | <b>.0038014</b> | <b>.0014973</b> |
| Stddev | .0010567        | .000045         | .0000870        | .6644           | .0001081        | .0001770        |
| %RSD   | .4117071        | 25.51958        | 160.1899        | .2941145        | 2.842647        | 11.82286        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2577748</b> | <b>-.000206</b> | <b>.0001511</b> | <b>225.4856</b> | <b>.0036766</b> | <b>.0016556</b> |
| #2 | <b>.2556697</b> | <b>-.000124</b> | <b>.0000290</b> | <b>225.5345</b> | <b>.0038669</b> | <b>.0015303</b> |
| #3 | <b>.2565598</b> | <b>-.000197</b> | <b>-.000017</b> | <b>226.6600</b> | <b>.0038605</b> | <b>.0013062</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0614101</b> | <b>1.477141</b> | <b>5.544758</b> | <b>31.37782</b> | <b>.0195244</b> | <b>.0004573</b> |
| Stddev | .0020884        | .012001         | .003423         | .16915          | .0003745        | .0006122        |
| %RSD   | 3.400707        | .8124172        | .0617408        | .5390667        | 1.918017        | 133.8523        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0604894</b> | <b>1.465741</b> | <b>5.543301</b> | <b>31.19174</b> | <b>.0193828</b> | <b>.0000543</b> |
| #2 | <b>.0638006</b> | <b>1.476019</b> | <b>5.542304</b> | <b>31.41945</b> | <b>.0192414</b> | <b>.0011617</b> |
| #3 | <b>.0599402</b> | <b>1.489663</b> | <b>5.548668</b> | <b>31.52226</b> | <b>.0199490</b> | <b>.0001560</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>433.0136</b> | <b>-.003747</b> | <b>.0222195</b> | <b>43.86707</b> | <b>.0722984</b> | <b>.1340937</b> |
| Stddev | 2.3066          | .000692         | .0011684        | .17356          | .0028445        | .0018854        |
| %RSD   | .5326901        | 18.47391        | 5.258474        | .3956571        | 3.934366        | 1.406020        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>432.5975</b> | <b>-.003247</b> | <b>.0230661</b> | <b>44.06262</b> | <b>.0747888</b> | <b>.1359845</b> |
| #2 | <b>430.9433</b> | <b>-.003457</b> | <b>.0208865</b> | <b>43.73129</b> | <b>.0691986</b> | <b>.1340828</b> |
| #3 | <b>435.4999</b> | <b>-.004537</b> | <b>.0227060</b> | <b>43.80730</b> | <b>.0729078</b> | <b>.1322138</b> |

Sample Name: O3668-05DUP      Acquired: 07/21/2023 16:31:35      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0206573 | F 149.3030 | F 10.19120 | -.008551 | .0385152 | .0064568 |
| Stddev | .0001784 | .4374      | .05380     | .000534  | .0002719 | .0016325 |
| %RSD   | .8634230 | .2929682   | .5278664   | 6.249843 | .7060526 | 25.28301 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0208267 | 149.6324 | 10.25012 | -.008185 | .0383983 | .0081318 |
| #2 | .0206741 | 148.8067 | 10.17880 | -.008304 | .0388261 | .0063680 |
| #3 | .0204712 | 149.4700 | 10.14469 | -.009164 | .0383213 | .0048705 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8271744 |
| Stddev | .0024920 |
| %RSD   | .3012676 |

|    |          |
|----|----------|
| #1 | .8291449 |
| #2 | .8243731 |
| #3 | .8280052 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1084.251 | 1415.862 | 37877.16 | 6597.296 | 1444.818 |
| Stddev    | 7.198    | 4.744    | 57.93    | 42.539   | 5.245    |
| %RSD      | .6638966 | .3350944 | .1529374 | .6447942 | .3630518 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1076.363 | 1410.487 | 37810.34 | 6548.802 | 1439.216 |
| #2 | 1090.463 | 1417.632 | 37907.92 | 6614.770 | 1449.614 |
| #3 | 1085.928 | 1419.467 | 37913.22 | 6628.315 | 1445.624 |

Sample Name: O3668-05LX5      Acquired: 07/21/2023 16:35:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000706</b> | <b>-.000391</b> | <b>.0050317</b> | <b>.0000604</b> | <b>.0000566</b> | <b>.1773618</b> |
| Stddev | .010443         | .002305         | .0004308        | .0080719        | .0013420        | .0026734        |
| %RSD   | 1478.092        | 589.8525        | 8.561154        | 13352.06        | 2371.410        | 1.507289        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005045</b> | <b>-.002603</b> | <b>.0053786</b> | <b>.0091629</b> | <b>-.000157</b> | <b>.1756243</b> |
| #2 | <b>.011206</b>  | <b>-.000566</b> | <b>.0045495</b> | <b>-.002754</b> | <b>-.001166</b> | <b>.1804402</b> |
| #3 | <b>-.008281</b> | <b>.001997</b>  | <b>.0051669</b> | <b>-.006227</b> | <b>.001493</b>  | <b>.1760209</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0502045</b> | <b>.0000671</b> | <b>-.000050</b> | <b>43.66522</b> | <b>.0011744</b> | <b>-.000672</b> |
| Stddev | .0004291        | .0000555        | .000125         | .18002          | .0004531        | .000057         |
| %RSD   | .8547072        | 82.69441        | 250.8829        | .4122716        | 38.58028        | 8.455654        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0497719</b> | <b>.0000382</b> | <b>-.000101</b> | <b>43.45929</b> | <b>.0006873</b> | <b>-.000738</b> |
| #2 | <b>.0506300</b> | <b>.0000320</b> | <b>.000093</b>  | <b>43.74364</b> | <b>.0012526</b> | <b>-.000638</b> |
| #3 | <b>.0502118</b> | <b>.0001311</b> | <b>-.000140</b> | <b>43.79272</b> | <b>.0015833</b> | <b>-.000641</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0032493</b> | <b>.2788946</b> | <b>1.099124</b> | <b>6.071352</b> | <b>.0023436</b> | <b>.0002188</b> |
| Stddev | .0017209        | .0104434        | .006541         | .050062         | .0002668        | .0004711        |
| %RSD   | 52.96155        | 3.744581        | .5951169        | .8245529        | 11.38433        | 215.3235        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0052356</b> | <b>.2668357</b> | <b>1.091747</b> | <b>6.014536</b> | <b>.0020419</b> | <b>.0003090</b> |
| #2 | <b>.0022108</b> | <b>.2849803</b> | <b>1.101410</b> | <b>6.090536</b> | <b>.0024405</b> | <b>-.000291</b> |
| #3 | <b>.0023013</b> | <b>.2848677</b> | <b>1.104215</b> | <b>6.108984</b> | <b>.0025484</b> | <b>.000638</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>83.81194</b> | <b>-.001469</b> | <b>.0049310</b> | <b>8.322991</b> | <b>.0124085</b> | <b>.0185926</b> |
| Stddev | .46375          | .002709         | .0002776        | .063811         | .0016867        | .0004387        |
| %RSD   | .5533253        | 184.4920        | 5.629563        | .7666871        | 13.59299        | 2.359567        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>83.42557</b> | <b>-.000001</b> | <b>.0052506</b> | <b>8.306845</b> | <b>.0143393</b> | <b>.0188723</b> |
| #2 | <b>83.68403</b> | <b>.000191</b>  | <b>.0047508</b> | <b>8.393324</b> | <b>.0116646</b> | <b>.0188185</b> |
| #3 | <b>84.32623</b> | <b>-.004595</b> | <b>.0047915</b> | <b>8.268803</b> | <b>.0112217</b> | <b>.0180870</b> |

Sample Name: O3668-05LX5      Acquired: 07/21/2023 16:35:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037478 | F 28.15116 | 2.016549 | -.003080 | .0080649 | .0024198 |
| Stddev | .0000916 | .02715     | .013505  | .000959  | .0011397 | .0005414 |
| %RSD   | 2.443856 | .0964265   | .6696856 | 31.13670 | 14.13204 | 22.37491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0038471 | 28.12218 | 2.032067 | -.004185 | .0078063 | .0017991 |
| #2 | .0037296 | 28.17598 | 2.010118 | -.002598 | .0070766 | .0027952 |
| #3 | .0036666 | 28.15533 | 2.007462 | -.002458 | .0093116 | .0026651 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1598738 |
| Stddev | .0012128 |
| %RSD   | .7586286 |

|    |          |
|----|----------|
| #1 | .1585195 |
| #2 | .1608598 |
| #3 | .1602419 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1184.128 | 1524.497 | 41134.84 | 7024.085 | 1639.033 |
| Stddev    | 8.493    | 3.241    | 52.10    | 33.484   | 1.160    |
| %RSD      | .7172492 | .2125644 | .1266674 | .4766991 | .0707922 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1193.817 | 1524.780 | 41193.59 | 6985.803 | 1640.345 |
| #2 | 1180.594 | 1527.586 | 41116.71 | 7038.537 | 1638.612 |
| #3 | 1177.972 | 1521.124 | 41094.23 | 7047.917 | 1638.142 |

Sample Name: O3668-05MS      Acquired: 07/21/2023 16:39:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8036979</b> | <b>1.761494</b> | <b>.9530091</b> | <b>1.834539</b> | <b>.7413170</b> | <b>2.883884</b> |
| Stddev | .0061989        | .006647         | .0059587        | .013717         | .0030211        | .023785         |
| %RSD   | .7713013        | .3773392        | .6252525        | .7476853        | .4075315        | .8247477        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8107951 | 1.765089 | .9579396 | 1.837766 | .7445723 | 2.871347 |
| #2 | .7993439 | 1.753824 | .9463877 | 1.846354 | .7407756 | 2.911315 |
| #3 | .8009546 | 1.765570 | .9547002 | 1.819496 | .7386033 | 2.868990 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4379072</b> | <b>.1840986</b> | <b>.1899938</b> | <b>218.2116</b> | <b>.3800496</b> | <b>.1900947</b> |
| Stddev | .0009865        | .0005350        | .0005889        | 1.3361          | .0009726        | .0001017        |
| %RSD   | .2252832        | .2905972        | .3099745        | .6123109        | .2559128        | .0534840        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4368357 | .1838713 | .1899959 | 216.6692 | .3809423 | .1902061 |
| #2 | .4381079 | .1847097 | .1894038 | 218.9509 | .3801935 | .1900710 |
| #3 | .4387779 | .1837148 | .1905817 | 219.0147 | .3790131 | .1900069 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2932725</b> | <b>4.242079</b> | <b>5.509350</b> | <b>31.76813</b> | <b>.4751852</b> | <b>.0704215</b> |
| Stddev | .0051964        | .034003         | .028098         | .13814          | .0005738        | .0004608        |
| %RSD   | 1.771863        | .8015568        | .5100082        | .4348288        | .1207489        | .6543841        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2879018 | 4.206760 | 5.477738 | 31.61083 | .4755186 | .0709453 |
| #2 | .2936407 | 4.244886 | 5.531483 | 31.82384 | .4745226 | .0700782 |
| #3 | .2982750 | 4.274591 | 5.518827 | 31.86971 | .4755143 | .0702410 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>414.6644</b> | <b>.2957953</b> | <b>.2180659</b> | <b>51.56020</b> | <b>5.997289</b> | <b>.3978814</b> |
| Stddev | 1.3762          | .0018976        | .0009083        | .29569          | .012910         | .0026602        |
| %RSD   | .3318838        | .6415082        | .4165310        | .5734786        | .2152711        | .6685964        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 413.2641 | .2936219 | .2190985 | 51.30387 | 6.005090 | .3990449 |
| #2 | 416.0152 | .2966415 | .2177089 | 51.88369 | 6.004390 | .3997617 |
| #3 | 414.7138 | .2971226 | .2173903 | 51.49305 | 5.982387 | .3948377 |

Sample Name: O3668-05MS      Acquired: 07/21/2023 16:39:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.4034547</b> | <b>F 144.3619</b> | <b>F 10.72804</b> | <b>.6572569</b> | <b>.2281335</b> | <b>.2024809</b> |
| Stddev | .0017530        | .3345             | .05668            | .0010711        | .0022504        | .0017994        |
| %RSD   | .4344978        | .2317093          | .5283193          | .1629636        | .9864293        | .8886549        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4053168 | 144.6254 | 10.72143 | .6568927 | .2261238 | .2004138 |
| #2 | .4032109 | 143.9856 | 10.78773 | .6584626 | .2305649 | .2033328 |
| #3 | .4018364 | 144.4748 | 10.67495 | .6564154 | .2277117 | .2036961 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.9801248</b> |
| Stddev | .0047698        |
| %RSD   | .4866552        |

|    |          |
|----|----------|
| #1 | .9767809 |
| #2 | .9855869 |
| #3 | .9780067 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1089.591</b> | <b>1414.943</b> | <b>38343.60</b> | <b>6792.387</b> | <b>1464.419</b> |
| Stddev    | 7.720           | 2.642           | 247.71          | 23.650          | 4.817           |
| %RSD      | .7085376        | .1867194        | .6460226        | .3481787        | .3289283        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1081.572 | 1412.074 | 38090.30 | 6771.389 | 1461.667 |
| #2 | 1090.228 | 1417.275 | 38355.19 | 6787.767 | 1469.981 |
| #3 | 1096.972 | 1415.481 | 38585.31 | 6818.006 | 1461.610 |

Sample Name: O3668-05MSD      Acquired: 07/21/2023 16:43:28      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8261003</b> | <b>1.788479</b> | <b>.9715863</b> | <b>1.848785</b> | <b>.7477156</b> | <b>2.901313</b> |
| Stddev | .0083693        | .010871         | .0044443        | .008632         | .0062391        | .034436         |
| %RSD   | 1.013107        | .6078206        | .4574325        | .4668998        | .8344180        | 1.186896        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8237319 | 1.784755 | .9703146 | 1.858703 | .7407982 | 2.861998 |
| #2 | .8191704 | 1.779959 | .9679165 | 1.842970 | .7529173 | 2.926126 |
| #3 | .8353985 | 1.800722 | .9765279 | 1.844682 | .7494314 | 2.915814 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4404977</b> | <b>.1870007</b> | <b>.1933670</b> | <b>221.0035</b> | <b>.3864513</b> | <b>.1931071</b> |
| Stddev | .0004451        | .0008474        | .0006664        | 1.0167          | .0002908        | .0006194        |
| %RSD   | .1010348        | .4531656        | .3446205        | .4600475        | .0752473        | .3207496        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4403772 | .1860222 | .1926016 | 219.8547 | .3867167 | .1923922 |
| #2 | .4409906 | .1874941 | .1938182 | 221.3683 | .3864967 | .1934447 |
| #3 | .4401253 | .1874858 | .1936812 | 221.7875 | .3861405 | .1934843 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2931872</b> | <b>4.303697</b> | <b>5.579681</b> | <b>32.30297</b> | <b>.4813152</b> | <b>.0713611</b> |
| Stddev | .0019766        | .019745         | .032848         | .28686          | .0011852        | .0002676        |
| %RSD   | .6741845        | .4587903        | .5886992        | .8880187        | .2462364        | .3749493        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2915003 | 4.281211 | 5.542081 | 31.97305 | .4799514 | .0710573 |
| #2 | .2926992 | 4.311676 | 5.594167 | 32.49352 | .4818991 | .0714645 |
| #3 | .2953621 | 4.318204 | 5.602796 | 32.44233 | .4820951 | .0715616 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>419.5372</b> | <b>.2935383</b> | <b>.2211931</b> | <b>51.72804</b> | <b>6.068087</b> | <b>.4015521</b> |
| Stddev | 1.7176          | .0032155        | .0014868        | .17412          | .005817         | .0026019        |
| %RSD   | .4093920        | 1.095439        | .6721552        | .3366050        | .0958669        | .6479510        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 418.6091 | .2912185 | .2194988 | 51.62669 | 6.072175 | .3986232 |
| #2 | 421.5192 | .2921876 | .2218007 | 51.92910 | 6.070658 | .4024368 |
| #3 | 418.4834 | .2972089 | .2222799 | 51.62834 | 6.061427 | .4035962 |

Sample Name: O3668-05MSD      Acquired: 07/21/2023 16:43:28      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |          |          |          |
|--------|----------|------------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm        | ppm      | ppm      | ppm      |
| Avg    | .4060094 | F 146.6499 | F 10.85754 | .6667782 | .2293355 | .2054382 |
| Stddev | .0016705 | .3336      | .04210     | .0030957 | .0009056 | .0025591 |
| %RSD   | .4114478 | .2274885   | .3877132   | .4642816 | .3948961 | 1.245658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4040870 | 146.4469 | 10.81853 | .6660417 | .2287746 | .2073427 |
| #2 | .4068331 | 146.4679 | 10.90216 | .6641172 | .2303803 | .2064426 |
| #3 | .4071082 | 147.0350 | 10.85192 | .6701758 | .2288515 | .2025293 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9856671 |
| Stddev | .0047679 |
| %RSD   | .4837273 |

|    |          |
|----|----------|
| #1 | .9809372 |
| #2 | .9904722 |
| #3 | .9855920 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1084.753 | 1409.420 | 37993.10 | 6741.801 | 1451.436 |
| Stddev    | 3.549    | 1.874    | 137.63   | 22.571   | 1.107    |
| %RSD      | .3272143 | .1329848 | .3622387 | .3347925 | .0763018 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1088.054 | 1407.359 | 37938.30 | 6745.954 | 1451.936 |
| #2 | 1080.998 | 1411.023 | 38149.68 | 6717.443 | 1452.205 |
| #3 | 1085.207 | 1409.877 | 37891.31 | 6762.008 | 1450.167 |

Sample Name: O3668-05A      Acquired: 07/21/2023 16:47:23      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8509463</b> | <b>1.869778</b> | <b>1.015606</b> | <b>1.937218</b> | <b>.8063745</b> | <b>2.889634</b> |
| Stddev | .0135306        | .014110         | .003477         | .003107         | .0044482        | .001416         |
| %RSD   | 1.590068        | .7546437        | .3423626        | .1603870        | .5516294        | .0490100        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8456982 | 1.857515 | 1.011602 | 1.938875 | .8017908 | 2.888674 |
| #2 | .8408259 | 1.866619 | 1.017865 | 1.933633 | .8066592 | 2.891260 |
| #3 | .8663148 | 1.885200 | 1.017350 | 1.939144 | .8106736 | 2.888967 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4462443</b> | <b>.1935350</b> | <b>.2020742</b> | <b>220.8288</b> | <b>.3995311</b> | <b>.2022421</b> |
| Stddev | .0008217        | .0007434        | .0006743        | 1.2081          | .0005017        | .0011521        |
| %RSD   | .1841292        | .3840970        | .3336753        | .5470680        | .1255611        | .5696442        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4453180 | .1935973 | .2017665 | 219.5235 | .4000824 | .2013433 |
| #2 | .4465294 | .1927625 | .2016087 | 221.0553 | .3994092 | .2018422 |
| #3 | .4468854 | .1942453 | .2028474 | 221.9077 | .3991016 | .2035409 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3423598</b> | <b>4.408770</b> | <b>5.574081</b> | <b>32.46895</b> | <b>.5079752</b> | <b>.0744650</b> |
| Stddev | .0020130        | .031644         | .020202         | .22892          | .0021905        | .0005197        |
| %RSD   | .5879752        | .7177400        | .3624267        | .7050510        | .4312308        | .6979024        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3442579 | 4.373330 | 5.551094 | 32.30583 | .5054490 | .0749048 |
| #2 | .3425726 | 4.434192 | 5.582136 | 32.37038 | .5091285 | .0745985 |
| #3 | .3402488 | 4.418789 | 5.589013 | 32.73065 | .5093482 | .0738915 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>418.9315</b> | <b>.3055703</b> | <b>.2206189</b> | <b>51.85349</b> | <b>6.333940</b> | <b>.4123790</b> |
| Stddev | .5324           | .0012170        | .0006086        | .25235          | .030581         | .0024866        |
| %RSD   | .1270880        | .3982629        | .2758563        | .4866545        | .4828044        | .6029895        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 418.8375 | .3041706 | .2200008 | 52.10139 | 6.299425 | .4127747 |
| #2 | 418.4524 | .3063782 | .2212176 | 51.86217 | 6.344736 | .4097183 |
| #3 | 419.5047 | .3061622 | .2206384 | 51.59692 | 6.357658 | .4146440 |

Sample Name: O3668-05A      Acquired: 07/21/2023 16:47:23      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.4352059</b> | <b>F 147.3272</b> | <b>F 10.49417</b> | <b>.7101043</b> | <b>.2406781</b> | <b>.2126596</b> |
| Stddev | .0016173        | .6491             | .04149            | .0014307        | .0010360        | .0012120        |
| %RSD   | .3716223        | .4406016          | .3953642          | .2014710        | .4304637        | .5699328        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4336915 | 146.7113 | 10.52872 | .7111751 | .2411402 | .2113159 |
| #2 | .4369095 | 147.2653 | 10.44815 | .7084795 | .2394914 | .2129925 |
| #3 | .4350167 | 148.0051 | 10.50563 | .7106583 | .2414027 | .2136704 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.9887638</b> |
| Stddev | .0026470        |
| %RSD   | .2677052        |

|    |          |
|----|----------|
| #1 | .9914790 |
| #2 | .9886217 |
| #3 | .9861908 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1076.787</b> | <b>1398.734</b> | <b>37738.97</b> | <b>6741.508</b> | <b>1445.934</b> |
| Stddev    | 9.144           | 2.374           | 212.69          | 20.871          | 1.826           |
| %RSD      | .8491674        | .1697579        | .5635899        | .3095849        | .1262838        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1077.583 | 1396.319 | 37583.54 | 6718.225 | 1445.779 |
| #2 | 1067.271 | 1401.065 | 37652.00 | 6747.762 | 1447.833 |
| #3 | 1085.507 | 1398.818 | 37981.36 | 6758.537 | 1444.191 |

Sample Name: O3670-01      Acquired: 07/21/2023 16:51:18      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: N48909      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0131535</b> | <b>.0015574</b> | <b>.0865067</b> | <b>-.008402</b> | <b>.0027696</b> | <b>55.66608</b> |
| Stddev | .0077846        | .0023416        | .0032095        | .005520         | .0011938        | .39420          |
| %RSD   | 59.18264        | 150.3564        | 3.710106        | 65.69316        | 43.10516        | .7081491        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0077496 | -.000239 | .0833484 | -.012097 | .0015284 | 55.22625 |
| #2 | .0096346 | .000705  | .0864067 | -.011052 | .0028706 | 55.98752 |
| #3 | .0220762 | .004206  | .0897650 | -.002057 | .0039097 | 55.78447 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4540742</b> | <b>.0025138</b> | <b>.0017421</b> | <b>90.59539</b> | <b>.0952720</b> | <b>.0270702</b> |
| Stddev | .0025264        | .0000546        | .0000417        | .68459          | .0000968        | .0005016        |
| %RSD   | .5563896        | 2.171441        | 2.394494        | .7556574        | .1016121        | 1.853058        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4511908 | .0025231 | .0017094 | 89.83300 | .0953240 | .0275670 |
| #2 | .4558998 | .0024551 | .0017278 | 91.15752 | .0953316 | .0270797 |
| #3 | .4551320 | .0025630 | .0017891 | 90.79565 | .0951603 | .0265639 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0726372</b> | <b>65.26662</b> | <b>2.944880</b> | <b>21.38215</b> | <b>.0557892</b> | <b>-.001737</b> |
| Stddev | .0006238        | .55083          | .025162         | .11668          | .0004591        | .000169         |
| %RSD   | .8588244        | .8439702        | .8544263        | .5457110        | .8228509        | 9.738223        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0721200 | 64.70674 | 2.922577 | 21.24759 | .0554242 | -.001549 |
| #2 | .0733300 | 65.80794 | 2.972158 | 21.44348 | .0556386 | -.001787 |
| #3 | .0724616 | 65.28517 | 2.939906 | 21.45539 | .0563046 | -.001876 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>52.94661</b> | <b>.1401088</b> | <b>.5307066</b> | <b>11.13562</b> | <b>1.324517</b> | <b>.1029157</b> |
| Stddev | .29089          | .0043978        | .0035267        | .10400          | .002475         | .0021128        |
| %RSD   | .5494071        | 3.138839        | .6645207        | .9339465        | .1868449        | 2.052959        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 52.87628 | .1354589 | .5283933 | 11.06262 | 1.327335 | .1004943 |
| #2 | 53.26622 | .1442014 | .5289608 | 11.25470 | 1.323517 | .1043846 |
| #3 | 52.69733 | .1406661 | .5347656 | 11.08954 | 1.322699 | .1038683 |

Sample Name: O3670-01      Acquired: 07/21/2023 16:51:18      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: N48909      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0019177 | 7.158244 | F 47.65581 | .0002165 | 1.460784 | .0476779 |
| Stddev | .0002801 | .018551  | .73069     | .0014509 | .007370  | .0010045 |
| %RSD   | 14.60498 | .2591617 | 1.533270   | 670.0762 | .5045225 | 2.106770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0018348 | 7.179646 | 46.94312 | .0018908 | 1.453003 | .0465336 |
| #2 | .0016884 | 7.148326 | 47.62104 | -.000672 | 1.467659 | .0484137 |
| #3 | .0022299 | 7.146759 | 48.40327 | -.000569 | 1.461690 | .0480866 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2801885 |
| Stddev | .0020076 |
| %RSD   | .7165206 |

|    |          |
|----|----------|
| #1 | .2786911 |
| #2 | .2824698 |
| #3 | .2794048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1241.059 | 1604.174 | 43700.39 | 7719.702 | 1564.778 |
| Stddev    | 5.308    | 2.530    | 188.88   | 22.926   | 2.182    |
| %RSD      | .4277188 | .1576848 | .4322268 | .2969827 | .1394376 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1242.628 | 1602.816 | 43785.89 | 7745.576 | 1562.872 |
| #2 | 1245.406 | 1602.613 | 43831.40 | 7701.916 | 1564.305 |
| #3 | 1235.143 | 1607.092 | 43483.87 | 7711.613 | 1567.158 |

Sample Name: CCV02      Acquired: 07/21/2023 16:55:16      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.067454 | 5.032056 | 5.077344 | 5.176491 | 5.166787 | 10.11679 | 10.21042 |
| Stddev | .028446  | .005032  | .014626  | .018864  | .013155  | .23050   | .24672   |
| %RSD   | .5613398 | .1000084 | .2880733 | .3644154 | .2546113 | 2.278396 | 2.416397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.035005 | 5.034591 | 5.062862 | 5.155082 | 5.151604 | 10.36576 | 10.48892 |
| #2 | 5.079270 | 5.026260 | 5.077059 | 5.190674 | 5.174791 | 9.91081  | 10.01921 |
| #3 | 5.088088 | 5.035316 | 5.092111 | 5.183716 | 5.173967 | 10.07380 | 10.12311 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.567237 | 2.544800 | 25.49355 | 1.010108 | 2.535545 | 1.248221 | 5.124156 |
| Stddev | .0045189 | .008215  | .58733   | .006199  | .005726  | .030540  | .132052  |
| %RSD   | 1.760233 | .3228065 | 2.303851 | .6137329 | .2258275 | 2.446690 | 2.577053 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.618277 | 2.536282 | 26.15324 | 1.007518 | 2.529138 | 1.281616 | 5.272908 |
| #2 | 2.532321 | 2.552674 | 25.02744 | 1.005624 | 2.540162 | 1.221711 | 5.020756 |
| #3 | 2.551113 | 2.545445 | 25.29996 | 1.017182 | 2.537336 | 1.241337 | 5.078804 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.554881 | 25.32181 | 2.543464 | 1.278493 | 25.34027 | 2.526925 | 2.552601 |
| Stddev | .056247  | .60582   | .006574  | .003507  | .69440   | .064929  | .005248  |
| %RSD   | 2.201562 | 2.392499 | .2584637 | .2742791 | 2.740322 | 2.569466 | .2055904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.617009 | 25.98356 | 2.536067 | 1.278618 | 26.12353 | 2.596568 | 2.546784 |
| #2 | 2.507420 | 24.79448 | 2.548640 | 1.274925 | 24.80008 | 2.468060 | 2.556981 |
| #3 | 2.540215 | 25.18740 | 2.545685 | 1.281935 | 25.09719 | 2.516149 | 2.554037 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.12247 | 5.010700 | 5.069649 | 5.158078 | 5.040834 | 5.101540 | 5.114648 |
| Stddev | .57149   | .002457  | .093856  | .020020  | .008939  | .092204  | .010078  |
| %RSD   | 2.274826 | .0490259 | 1.851323 | .3881245 | .1773231 | 1.807380 | .1970480 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.75617 | 5.012960 | 5.177071 | 5.136643 | 5.030568 | 5.205893 | 5.114424 |
| #2 | 24.64617 | 5.008085 | 5.003519 | 5.176292 | 5.045046 | 5.031075 | 5.104684 |
| #3 | 24.96507 | 5.011056 | 5.028357 | 5.161299 | 5.046889 | 5.067652 | 5.124837 |

Sample Name: CCV02      Acquired: 07/21/2023 16:55:16      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.070149 | 5.081912 | 5.050236 |
| Stddev | .140872  | .116663  | .103284  |
| %RSD   | 2.778466 | 2.295653 | 2.045139 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.220188 | 5.215667 | 5.166616 |
| #2 | 4.940712 | 5.001162 | 4.969476 |
| #3 | 5.049549 | 5.028907 | 5.014616 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1174.736 | 1500.691 | 40820.18 | 7003.988 | 1595.701 |
| Stddev    | 5.741    | 3.850    | 120.73   | 155.620  | 1.464    |
| %RSD      | .4886773 | .2565555 | .2957556 | 2.221881 | .0917699 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1168.659 | 1503.127 | 40713.51 | 6824.497 | 1596.377 |
| #2 | 1175.480 | 1496.253 | 40951.24 | 7101.128 | 1594.021 |
| #3 | 1180.068 | 1502.695 | 40795.79 | 7086.341 | 1596.706 |

Sample Name: CCB02      Acquired: 07/21/2023 16:59:10      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003586</b> | <b>.0003892</b> | <b>.0010270</b> | <b>.0023531</b> | <b>.0015064</b> | <b>-.001381</b> | <b>.0006815</b> |
| Stddev | .004141         | .0010906        | .0009779        | .0104126        | .0002197        | .007995         | .0003262        |
| %RSD   | 115.4769        | 280.2389        | 95.21981        | 442.4985        | 14.58485        | 578.7443        | 47.86615        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004936</b> | <b>.0006649</b> | <b>.0021324</b> | <b>.0133795</b> | <b>.0017565</b> | <b>-.006290</b> | <b>.0003062</b> |
| #2 | <b>.001061</b>  | <b>-.000813</b> | <b>.0002747</b> | <b>-.007312</b> | <b>.0013445</b> | <b>.007844</b>  | <b>.0008975</b> |
| #3 | <b>-.006883</b> | <b>.001315</b>  | <b>.0006739</b> | <b>.000991</b>  | <b>.0014182</b> | <b>-.005697</b> | <b>.0008406</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001080</b> | <b>.0000576</b> | <b>.0015559</b> | <b>.0001179</b> | <b>.0001880</b> | <b>-.002430</b> | <b>.0019609</b> |
| Stddev | .0001075        | .0000967        | .0036858        | .0000924        | .0002217        | .000253         | .0041114        |
| %RSD   | 99.54064        | 167.6785        | 236.8894        | 78.43221        | 117.9283        | 10.42454        | 209.6664        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000009</b> | <b>-.000047</b> | <b>-.002345</b> | <b>.0002168</b> | <b>.0003095</b> | <b>-.002708</b> | <b>.0051627</b> |
| #2 | <b>.000203</b>  | <b>.000076</b>  | <b>.004980</b>  | <b>.0000336</b> | <b>.0003224</b> | <b>-.002211</b> | <b>-.002676</b> |
| #3 | <b>.000130</b>  | <b>.000144</b>  | <b>.002033</b>  | <b>.0001032</b> | <b>-.000068</b> | <b>-.002371</b> | <b>.003396</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000331</b> | <b>-.007489</b> | <b>-.000085</b> | <b>-.000323</b> | <b>-.120299</b> | <b>-.003047</b> | <b>.0000526</b> |
| Stddev | .000203         | .002735         | .000383         | .000350         | .171762         | .000805         | .0001095        |
| %RSD   | 61.28956        | 36.51648        | 451.0715        | 108.2526        | 142.7797        | 26.41986        | 208.1777        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000140</b> | <b>-.005313</b> | <b>-.000495</b> | <b>-.000236</b> | <b>.054204</b>  | <b>-.003188</b> | <b>.0001184</b> |
| #2 | <b>-.000544</b> | <b>-.006594</b> | <b>.000265</b>  | <b>-.000709</b> | <b>-.289183</b> | <b>-.003773</b> | <b>.0001130</b> |
| #3 | <b>-.000309</b> | <b>-.010558</b> | <b>-.000025</b> | <b>-.000025</b> | <b>-.125917</b> | <b>-.002181</b> | <b>-.000074</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.008464</b> | <b>-.004089</b> | <b>-.000121</b> | <b>.0007042</b> | <b>.0121973</b> | <b>.0085962</b> | <b>-.000907</b> |
| Stddev | .069337         | .000675         | .001259         | .0003385        | .0008575        | .0012166        | .001179         |
| %RSD   | 819.1853        | 16.51017        | 1040.916        | 48.06793        | 7.030210        | 14.15305        | 130.0146        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.088367</b> | <b>-.003454</b> | <b>.000575</b>  | <b>.0010377</b> | <b>.0130709</b> | <b>.0091214</b> | <b>-.001018</b> |
| #2 | <b>.027104</b>  | <b>-.004798</b> | <b>.000637</b>  | <b>.0007141</b> | <b>.0121640</b> | <b>.0072052</b> | <b>-.002027</b> |
| #3 | <b>.035870</b>  | <b>-.004014</b> | <b>-.001575</b> | <b>.0003609</b> | <b>.0113569</b> | <b>.0094621</b> | <b>.000324</b>  |

Sample Name: CCB02      Acquired: 07/21/2023 16:59:10      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0011181 | .0007004 | .0001592 |
| Stddev | .0006269 | .0004600 | .0000351 |
| %RSD   | 56.06778 | 65.67458 | 22.04649 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004022 | .0011562 | .0001706 |
| #2 | .0015688 | .0007085 | .0001199 |
| #3 | .0013832 | .0002364 | .0001873 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1180.602 | 1520.322 | 40871.92 | 6969.497 | 1672.076 |
| Stddev    | 12.712   | 12.113   | 242.52   | 35.801   | 22.616   |
| %RSD      | 1.076729 | .7967451 | .5933705 | .5136743 | 1.352588 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1175.704 | 1523.147 | 40886.18 | 7003.930 | 1678.389 |
| #2 | 1195.034 | 1530.773 | 41106.99 | 6932.470 | 1690.865 |
| #3 | 1171.067 | 1507.046 | 40622.58 | 6972.090 | 1646.974 |

Sample Name: O3683-01      Acquired: 07/21/2023 17:09:09      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: NORTH-TURNPI Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1078360 | -.027254 | 6.622630 | -.091150 | .0424677 | 266.4473 |
| Stddev | .0101669 | .007303  | .021633  | .008223  | .0021933 | 1.7516   |
| %RSD   | 9.428161 | 26.79396 | .3266564 | 9.021915 | 5.164649 | .6573985 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1195242 | -.029893 | 6.612511 | -.082661 | .0404089 | 266.7785 |
| #2 | .1029430 | -.032871 | 6.607911 | -.099079 | .0447744 | 264.5538 |
| #3 | .1010406 | -.018999 | 6.647469 | -.091709 | .0422196 | 268.0098 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.75710 | .0193535 | .0476292 | 557.8004 | .5818195 | .3272659 |
| Stddev | .13046   | .0002252 | .0002529 | 6.6077   | .0044869 | .0014954 |
| %RSD   | 1.212809 | 1.163621 | .5310479 | 1.184594 | .7711781 | .4569289 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.69313 | .0192097 | .0473935 | 557.9502 | .5775817 | .3263491 |
| #2 | 10.67097 | .0196130 | .0475977 | 551.1191 | .5865196 | .3264572 |
| #3 | 10.90720 | .0192378 | .0478964 | 564.3319 | .5813572 | .3289915 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.232598 | 461.9994 | 10.02724 | 229.9691 | .8004723 | -.015622 |
| Stddev | .026049  | 2.1423   | .05188   | 1.5000   | .0038250 | .000957  |
| %RSD   | .8058348 | .4637071 | .5173912 | .6522819 | .4778432 | 6.126275 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.246072 | 460.7662 | 10.02274 | 229.0197 | .7990945 | -.014555 |
| #2 | 3.202571 | 460.7588 | 9.97776  | 229.1893 | .7975271 | -.016405 |
| #3 | 3.249150 | 464.4731 | 10.08123 | 231.6985 | .8047954 | -.015906 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 280.5559 | .7773449 | 5.020569 | 46.64228 | F 15.20120 | .5709409 |
| Stddev | .5023    | .0029987 | .023243  | .29813   | .05334     | .0049565 |
| %RSD   | .1790534 | .3857647 | .4629575 | .6391928 | .3508799   | .8681303 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 280.7861 | .7762866 | 5.000972 | 46.70587 | 15.19268 | .5663629 |
| #2 | 279.9798 | .7750188 | 5.046249 | 46.31748 | 15.15264 | .5702551 |
| #3 | 280.9020 | .7807293 | 5.014488 | 46.90349 | 15.25829 | .5762045 |

Sample Name: O3683-01      Acquired: 07/21/2023 17:09:09      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: NORTH-TURNPI Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.0291133</b> | <b>F 31.48523</b> | <b>F 10.10172</b> | <b>.4249788</b> | <b>7.144321</b> | <b>.2956433</b> |
| Stddev | .0007133        | .08576            | .00930            | .0021655        | .053024         | .0016528        |
| %RSD   | 2.450230        | .2723848          | .0920568          | .5095509        | .7421777        | .5590614        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0284044 | 31.44101 | 10.09471 | .4233281 | 7.141333 | .2960283 |
| #2 | .0298310 | 31.43060 | 10.09818 | .4274307 | 7.092855 | .2970696 |
| #3 | .0291046 | 31.58407 | 10.11227 | .4241777 | 7.198776 | .2938319 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>1.877263</b> |
| Stddev | .005521         |
| %RSD   | .2940807        |

|    |                 |
|----|-----------------|
| #1 | <b>1.871646</b> |
| #2 | <b>1.877458</b> |
| #3 | <b>1.882683</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1552.921</b> | <b>2018.725</b> | <b>55925.81</b> | <b>10413.79</b> | <b>1242.809</b> |
| Stddev    | 4.116           | 2.959           | 170.91          | 32.79           | 3.022           |
| %RSD      | .2650171        | .1465865        | .3056062        | .3148630        | .2431261        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1554.597 | 2020.203 | 56094.46 | 10376.33 | 1243.048 |
| #2 | 1548.232 | 2020.654 | 55752.72 | 10427.73 | 1245.704 |
| #3 | 1555.935 | 2015.318 | 55930.24 | 10437.30 | 1239.675 |

Sample Name: O3706-10      Acquired: 07/21/2023 17:13:23      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: FB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001948 | -.000694 | .0005315 | -.003803 | -.001271 | .1014361 | .0050178 |
| Stddev | .0013861 | .000533  | .0003676 | .002734  | .001331  | .0331214 | .0013478 |
| %RSD   | 711.6121 | 76.73589 | 69.14942 | 71.88616 | 104.7518 | 32.65248 | 26.86010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003611 | -.000144 | .0001156 | -.004768 | -.001267 | .1392860 | .0064749 |
| #2 | .0014902 | -.001208 | .0006662 | -.000718 | -.002605 | .0872611 | .0047628 |
| #3 | -.001267 | -.000731 | .0008127 | -.005924 | .000058  | .0777610 | .0038158 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000923 | -.000022 | .2222108 | -.000008 | .0000553 | -.000047 | .2283543 |
| Stddev | .0000453 | .000030  | .0819842 | .000347  | .0003443 | .000584  | .0797493 |
| %RSD   | 49.12872 | 141.6910 | 36.89478 | 4573.833 | 622.0878 | 1240.427 | 34.92350 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001302 | .000014  | .3122522 | .000198  | -.000305 | -.000556 | .3167366 |
| #2 | .0001047 | -.000036 | .2025044 | .000187  | .000091  | .000590  | .2065544 |
| #3 | .0000421 | -.000042 | .1518757 | -.000408 | .000381  | -.000175 | .1617718 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047713 | .0689838 | -.000067 | -.000274 | .1631781 | -.002270 | .0014847 |
| Stddev | .0016931 | .0147104 | .000091  | .000096  | .0936881 | .000910  | .0000731 |
| %RSD   | 35.48429 | 21.32441 | 135.5434 | 35.04375 | 57.41464 | 40.08614 | 4.926419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065595 | .0850715 | -.000172 | -.000341 | .2331735 | -.002210 | .0015065 |
| #2 | .0045613 | .0656605 | -.000013 | -.000318 | .1996154 | -.001391 | .0014032 |
| #3 | .0031930 | .0562193 | -.000017 | -.000164 | .0567455 | -.003208 | .0015445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.388808 | .0020159 | -.010441 | .0002111 | .0052306 | .0575195 | -.003838 |
| Stddev | .039268  | .0014852 | .000713  | .0000466 | .0048321 | .0081586 | .000145  |
| %RSD   | 10.09968 | 73.67716 | 6.828503 | 22.07780 | 92.38166 | 14.18412 | 3.774721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.384515 | .0003189 | -.010415 | .0002099 | .0001003 | .0655830 | -.003979 |
| #2 | -.351862 | .0030790 | -.009742 | .0002582 | .0096956 | .0577066 | -.003845 |
| #3 | -.430046 | .0026498 | -.011167 | .0001651 | .0058958 | .0492690 | -.003690 |

Sample Name: O3706-10      Acquired: 07/21/2023 17:13:23      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: FB02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0041649</b> | <b>.0000310</b> | <b>.0006852</b> |
| Stddev | .0009990        | .0014359        | .0001965        |
| %RSD   | 23.98583        | 4639.823        | 28.67726        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0051835</b> | <b>-.001595</b> | <b>.0009065</b> |
| #2 | <b>.0041247</b> | <b>.001125</b>  | <b>.0006182</b> |
| #3 | <b>.0031867</b> | <b>.000563</b>  | <b>.0005310</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1286.750</b> | <b>1629.149</b> | <b>44122.10</b> | <b>7529.177</b> | <b>1804.914</b> |
| Stddev    | 6.000           | 16.476          | 87.68           | 44.299          | 17.293          |
| %RSD      | .4662731        | 1.011345        | .1987110        | .5883673        | .9581089        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1293.477 | 1632.272 | 44021.23 | 7575.540 | 1806.486 |
| #2 | 1284.818 | 1611.335 | 44180.02 | 7524.710 | 1786.888 |
| #3 | 1281.954 | 1643.841 | 44165.05 | 7487.280 | 1821.367 |

Sample Name: PB154327BL      Acquired: 07/21/2023 17:17:27      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB154327BL      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007278</b> | <b>-.001138</b> | <b>-.000273</b> | <b>.0010589</b> | <b>-.000186</b> | <b>.0044297</b> | <b>.0002193</b> |
| Stddev | .003572         | .001838         | .001355         | .0028955        | .000855         | .0047309        | .0001741        |
| %RSD   | 49.08504        | 161.4433        | 496.3187        | 273.4537        | 459.4042        | 106.7996        | 79.40971        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008978</b> | <b>-.003163</b> | <b>-.001594</b> | <b>.0015448</b> | <b>-.000719</b> | <b>.0096745</b> | <b>.0000527</b> |
| #2 | <b>-.009683</b> | <b>.000423</b>  | <b>.001113</b>  | <b>.0036807</b> | <b>.000800</b>  | <b>.0031305</b> | <b>.0002050</b> |
| #3 | <b>-.003173</b> | <b>-.000674</b> | <b>-.000338</b> | <b>-.002049</b> | <b>-.000640</b> | <b>.0004841</b> | <b>.0004000</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000462</b> | <b>-.000042</b> | <b>-.001444</b> | <b>.0001963</b> | <b>-.000001</b> | <b>-.001819</b> | <b>.0117822</b> |
| Stddev | .0000107        | .000099         | .007943         | .0005461        | .000186         | .001375         | .0022809        |
| %RSD   | 23.10872        | 235.4412        | 549.9259        | 278.1523        | 15985.13        | 75.58940        | 19.35900        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000425</b> | <b>-.000036</b> | <b>-.002705</b> | <b>-.000350</b> | <b>-.000199</b> | <b>-.003172</b> | <b>.0098951</b> |
| #2 | <b>.0000379</b> | <b>.000054</b>  | <b>.007054</b>  | <b>.000742</b>  | <b>.000169</b>  | <b>-.001861</b> | <b>.0111347</b> |
| #3 | <b>.0000582</b> | <b>-.000144</b> | <b>-.008681</b> | <b>.000196</b>  | <b>.000027</b>  | <b>-.000423</b> | <b>.0143169</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001616</b> | <b>-.004659</b> | <b>.0000861</b> | <b>-.000273</b> | <b>-.063387</b> | <b>-.000850</b> | <b>.0003594</b> |
| Stddev | .0000764        | .026692         | .0003542        | .000465         | .128112         | .001052         | .0002034        |
| %RSD   | 47.26623        | 572.8562        | 411.0933        | 170.2906        | 202.1102        | 123.7393        | 56.59093        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002000</b> | <b>.003833</b>  | <b>-.000255</b> | <b>-.000649</b> | <b>.074646</b>  | <b>-.002063</b> | <b>.0005790</b> |
| #2 | <b>.0002112</b> | <b>.016753</b>  | <b>.000061</b>  | <b>-.000417</b> | <b>-.086331</b> | <b>-.000192</b> | <b>.0001775</b> |
| #3 | <b>.0000736</b> | <b>-.034564</b> | <b>.000452</b>  | <b>.000247</b>  | <b>-.178477</b> | <b>-.000295</b> | <b>.0003217</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.045682</b> | <b>-.001302</b> | <b>-.008279</b> | <b>-.000152</b> | <b>.0057156</b> | <b>.0027028</b> | <b>-.000671</b> |
| Stddev | .029587         | .002767         | .000861         | .000206         | .0035950        | .0022048        | .001399         |
| %RSD   | 64.76887        | 212.6004        | 10.39508        | 136.0619        | 62.89742        | 81.57633        | 208.5477        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.035123</b> | <b>-.004444</b> | <b>-.009177</b> | <b>.000074</b>  | <b>.0037335</b> | <b>.0052470</b> | <b>-.001330</b> |
| #2 | <b>-.022822</b> | <b>.000770</b>  | <b>-.007461</b> | <b>-.000330</b> | <b>.0035480</b> | <b>.0015120</b> | <b>.000936</b>  |
| #3 | <b>-.079100</b> | <b>-.000230</b> | <b>-.008198</b> | <b>-.000199</b> | <b>.0098653</b> | <b>.0013494</b> | <b>-.001618</b> |

Sample Name: PB154327BL      Acquired: 07/21/2023 17:17:27      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PB154327BL      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0008128</b> | <b>.0003108</b> | <b>.0000168</b> |
| Stddev | .0007361        | .0013189        | .0000756        |
| %RSD   | 90.56668        | 424.3355        | 451.0161        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0012291</b> | <b>-.000207</b> | <b>.0000907</b> |
| #2 | <b>.0012463</b> | <b>-.000670</b> | <b>.0000200</b> |
| #3 | <b>-.000037</b> | <b>.001810</b>  | <b>-.000060</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1168.154</b> | <b>1513.161</b> | <b>40742.12</b> | <b>7034.953</b> | <b>1674.168</b> |
| Stddev    | 18.031          | 2.371           | 349.92          | 19.791          | 7.085           |
| %RSD      | 1.543509        | .1566875        | .8588543        | .2813183        | .4232003        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1169.513 | 1510.835 | 40766.28 | 7012.160 | 1667.804 |
| #2 | 1149.482 | 1513.072 | 40380.75 | 7044.930 | 1672.897 |
| #3 | 1185.466 | 1515.575 | 41079.33 | 7047.770 | 1681.802 |

Sample Name: PB154327BS      Acquired: 07/21/2023 17:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB154327BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8155340</b> | <b>1.914210</b> | <b>.9813600</b> | <b>2.035502</b> | <b>.7782083</b> | <b>1.928296</b> |
| Stddev | .0030481        | .006822         | .0014337        | .008314         | .0032174        | .020008         |
| %RSD   | .3737542        | .3563807        | .1460899        | .4084473        | .4134371        | 1.037593        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8148281 | 1.906341 | .9797069 | 2.027582 | .7745511 | 1.910705 |
| #2 | .8129008 | 1.917837 | .9822636 | 2.044161 | .7794705 | 1.950062 |
| #3 | .8188731 | 1.918452 | .9821094 | 2.034763 | .7806032 | 1.924121 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1942492</b> | <b>.1968269</b> | <b>.2000628</b> | <b>.9824003</b> | <b>.3923644</b> | <b>.1921615</b> |
| Stddev | .0011347        | .0006173        | .0008376        | .0132731        | .0010318        | .0009692        |
| %RSD   | .5841462        | .3136040        | .4186800        | 1.351084        | .2629749        | .5043846        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1929406 | .1974742 | .1990957 | .9714008 | .3913687 | .1910503 |
| #2 | .1948462 | .1967616 | .2005566 | .9971430 | .3922955 | .1926018 |
| #3 | .1949607 | .1962449 | .2005362 | .9786571 | .3934289 | .1928324 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2907995</b> | <b>3.016380</b> | <b>.1988199</b> | <b>1.902937</b> | <b>.4843142</b> | <b>.0732134</b> |
| Stddev | .0027160        | .023392         | .0017201        | .044693         | .0022135        | .0001507        |
| %RSD   | .9339918        | .7755034        | .8651824        | 2.348622        | .4570453        | .2058185        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2876639 | 2.989386 | .1969637 | 1.855803 | .4817807 | .0733736 |
| #2 | .2923134 | 3.029035 | .2003602 | 1.944704 | .4852880 | .0731921 |
| #3 | .2924212 | 3.030718 | .1991358 | 1.908304 | .4858739 | .0730745 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.806942</b> | <b>.2934718</b> | <b>.2018120</b> | <b>9.561751</b> | <b>5.505227</b> | <b>.2811033</b> |
| Stddev | .130404         | .0018432        | .0025712        | .064264         | .014264         | .0018728        |
| %RSD   | 4.645762        | .6280823        | 1.274077        | .6720897        | .2590908        | .6662336        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.696242 | .2946185 | .1989995 | 9.494538 | 5.493522 | .2813770 |
| #2 | 2.773893 | .2944514 | .2040421 | 9.622590 | 5.501046 | .2828242 |
| #3 | 2.950690 | .2913456 | .2023945 | 9.568125 | 5.521114 | .2791087 |

Sample Name: PB154327BS      Acquired: 07/21/2023 17:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB154327BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3966197</b> | <b>F -.006611</b> | <b>.8401943</b> | <b>.6796364</b> | <b>.1952384</b> | <b>.2013632</b> |
| Stddev | .0009822        | .002039           | .0019449        | .0058424        | .0001561        | .0034643        |
| %RSD   | .2476430        | 30.83936          | .2314852        | .8596332        | .0799721        | 1.720412        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3955657 | -.008244 | .8410986 | .6736370 | .1953545 | .1975388 |
| #2 | .3967838 | -.004326 | .8415224 | .6853079 | .1950609 | .2042910 |
| #3 | .3975095 | -.007263 | .8379619 | .6799644 | .1952999 | .2022601 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1910460</b> |
| Stddev | .0010178        |
| %RSD   | .5327612        |

|    |          |
|----|----------|
| #1 | .1898737 |
| #2 | .1917040 |
| #3 | .1915603 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1195.131</b> | <b>1534.978</b> | <b>41714.79</b> | <b>7124.297</b> | <b>1699.099</b> |
| Stddev    | 7.972           | 2.391           | 106.18          | 37.030          | 1.933           |
| %RSD      | .6670161        | .1557429        | .2545340        | .5197720        | .1137580        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1199.721 | 1533.866 | 41782.44 | 7100.610 | 1701.117 |
| #2 | 1185.926 | 1533.346 | 41592.41 | 7105.311 | 1698.917 |
| #3 | 1199.745 | 1537.722 | 41769.52 | 7166.969 | 1697.264 |

Sample Name: O3668-01      Acquired: 07/21/2023 17:25:30      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: SLUDGE-DRUM      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960            | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.249712</b> | <b>-.299673</b> | <b>14.48637</b> | <b>F -1.11301</b> | <b>.1191035</b> | <b>49.61850</b> |
| Stddev | .001844         | .010770         | .03300          | .02859            | .0013029        | .42366          |
| %RSD   | .7384908        | 3.594010        | .2277816        | 2.568546          | 1.093939        | .8538382        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.250471 | -.303562 | 14.44851 | -1.14556 | .1199479 | 49.15437 |
| #2 | -.251055 | -.287499 | 14.50160 | -1.09200 | .1176029 | 49.98445 |
| #3 | -.247609 | -.307959 | 14.50901 | -1.10146 | .1197595 | 49.71668 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.134621</b> | <b>.0322030</b> | <b>.1796161</b> | <b>122.7980</b> | <b>.2359252</b> | <b>.2728551</b> |
| Stddev | .004756         | .0004864        | .0008729        | 1.3820          | .0005931        | .0005927        |
| %RSD   | .4191799        | 1.510574        | .4859825        | 1.125432        | .2514047        | .2172329        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.129874 | .0316540 | .1799991 | 121.2043 | .2359421 | .2722248 |
| #2 | 1.139386 | .0325803 | .1786171 | 123.5228 | .2353239 | .2729394 |
| #3 | 1.134603 | .0323747 | .1802320 | 123.6668 | .2365098 | .2734012 |

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598            | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.299592</b> | <b>F 2930.766</b> | <b>11.27399</b> | <b>17.04448</b> | <b>1.371036</b> | <b>-.165607</b> |
| Stddev | .021554         | 21.295            | .06886          | .07144          | .005689         | .001972         |
| %RSD   | .9373078        | .7266031          | .6108280        | .4191193        | .4149764        | 1.190886        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.276618 | 2907.923 | 11.20022 | 16.97403 | 1.364586 | -.167884 |
| #2 | 2.319369 | 2950.070 | 11.33658 | 17.11686 | 1.375341 | -.164530 |
| #3 | 2.302790 | 2934.306 | 11.28518 | 17.04256 | 1.373181 | -.164408 |

|        |                 |                 |                 |                 |                 |                |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496         |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm            |
| Avg    | <b>18.81569</b> | <b>.1739005</b> | <b>25.31238</b> | <b>5.320677</b> | <b>2.738398</b> | <b>^ *****</b> |
| Stddev | .07296          | .0039704        | .10449          | .072248         | .006788         | -----          |
| %RSD   | .3877597        | 2.283148        | .4128083        | 1.357878        | .2478852        | -----          |

|    |          |          |          |          |          |                |
|----|----------|----------|----------|----------|----------|----------------|
| #1 | 18.79583 | .1738509 | 25.21791 | 5.262471 | 2.734862 | <b>^ -----</b> |
| #2 | 18.75472 | .1778954 | 25.42461 | 5.401538 | 2.746224 | <b>^ -----</b> |
| #3 | 18.89653 | .1699551 | 25.29462 | 5.298021 | 2.734108 | <b>^ -----</b> |

Sample Name: O3668-01      Acquired: 07/21/2023 17:25:30      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: SLUDGE-DRUM      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0569729 | F 20.92817 | 6.492646 | .3510840 | 1.193837 | -.530200 |
| Stddev | .0006673 | .04706     | .049519  | .0029167 | .008970  | .004730  |
| %RSD   | 1.171242 | .2248521   | .7626946 | .8307720 | .7513707 | .8921827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0566937 | 20.87725 | 6.439661 | .3477331 | 1.184394 | -.524996 |
| #2 | .0577345 | 20.97006 | 6.537755 | .3524666 | 1.202245 | -.534240 |
| #3 | .0564906 | 20.93720 | 6.500523 | .3530524 | 1.194871 | -.531362 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -2.52323 |
| Stddev | .01844     |
| %RSD   | .7306371   |

|    |          |
|----|----------|
| #1 | -2.50346 |
| #2 | -2.53995 |
| #3 | -2.52628 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1022.993 | 1300.506 | 38802.32 | 7010.368 | 1341.137 |
| Stddev    | 1.816    | 1.600    | 98.17    | 47.672   | 1.483    |
| %RSD      | .1775655 | .1230317 | .2530034 | .6800143 | .1105971 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1021.270 | 1298.867 | 38691.33 | 7062.990 | 1342.585 |
| #2 | 1022.820 | 1300.586 | 38837.86 | 6970.064 | 1339.621 |
| #3 | 1024.890 | 1302.065 | 38877.77 | 6998.052 | 1341.206 |

Sample Name: O3668-03      Acquired: 07/21/2023 17:29:27      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 332      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0478847 | .0004000 | .4789476 | -.030015 | .0068730 | 164.2174 |
| Stddev | .0050733 | .0031306 | .0110089 | .007796  | .0017745 | .6509    |
| %RSD   | 10.59493 | 782.6559 | 2.298557 | 25.97318 | 25.81866 | .3963837 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0534620 | .0035133 | .4755586 | -.027004 | .0049582 | 164.4510 |
| #2 | .0466482 | .0004344 | .4700317 | -.024174 | .0084622 | 163.4820 |
| #3 | .0435439 | -.002748 | .4912526 | -.038868 | .0071986 | 164.7194 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9073271 | .0075422 | .0043389 | 1584.647 | .1495374 | .0551431 |
| Stddev | .0025527 | .0000792 | .0001834 | 10.906   | .0006052 | .0006436 |
| %RSD   | .2813422 | 1.049596 | 4.226249 | .6882312 | .4047186 | 1.167202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9056444 | .0074523 | .0041321 | 1572.078 | .1488591 | .0551750 |
| #2 | .9060726 | .0076012 | .0044816 | 1590.247 | .1497309 | .0544841 |
| #3 | .9102643 | .0075733 | .0044028 | 1591.615 | .1500221 | .0557701 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2640247 | 202.5854 | 2.604020 | 73.17951 | .2381705 | -.008314 |
| Stddev | .0017911 | .4982    | .011144  | .25092   | .0013555 | .000566  |
| %RSD   | .6783719 | .2459348 | .4279549 | .3428872 | .5691463 | 6.804625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2620328 | 202.6477 | 2.594574 | 73.12761 | .2374505 | -.007827 |
| #2 | .2645386 | 202.0589 | 2.601174 | 72.95859 | .2373268 | -.008934 |
| #3 | .2655025 | 203.0495 | 2.616311 | 73.45232 | .2397341 | -.008181 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.316800 | .2986911 | .4756214 | 2.938241 | 7.620239 | .1109287 |
| Stddev | .082701  | .0014292 | .0032065 | .052082  | .035120  | .0010756 |
| %RSD   | 3.569609 | .4784754 | .6741603 | 1.772573 | .4608755 | .9696664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.308814 | .2976235 | .4738071 | 2.920331 | 7.605836 | .1112915 |
| #2 | 2.403204 | .3003147 | .4737335 | 2.897477 | 7.594610 | .1117760 |
| #3 | 2.238382 | .2981350 | .4793236 | 2.996916 | 7.660270 | .1097186 |

Sample Name: O3668-03      Acquired: 07/21/2023 17:29:27      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 332      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029420 | F 32.70500 | 1.075490 | .0334252 | 4.325440 | .0885027 |
| Stddev | .0002936 | .11771     | .005421  | .0027154 | .022957  | .0012826 |
| %RSD   | 9.980359 | .3599179   | .5040925 | 8.123776 | .5307410 | 1.449264 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0032738 | 32.73201 | 1.070999 | .0311552 | 4.337870 | .0899291 |
| #2 | .0028366 | 32.57613 | 1.073958 | .0364333 | 4.298949 | .0874443 |
| #3 | .0027157 | 32.80685 | 1.081513 | .0326870 | 4.339502 | .0881346 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.830320 |
| Stddev | .019154  |
| %RSD   | .2804220 |

|    |          |
|----|----------|
| #1 | 6.838864 |
| #2 | 6.808381 |
| #3 | 6.843714 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1149.263 | 1489.970 | 40839.72 | 7605.596 | 1298.499 |
| Stddev    | 3.273    | 8.310    | 157.91   | 20.860   | 4.677    |
| %RSD      | .2847931 | .5577515 | .3866578 | .2742712 | .3601554 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1146.936 | 1491.255 | 40737.50 | 7585.834 | 1299.353 |
| #2 | 1153.005 | 1497.564 | 41021.59 | 7627.403 | 1302.690 |
| #3 | 1147.847 | 1481.093 | 40760.07 | 7603.549 | 1293.454 |

Sample Name: O3669-01      Acquired: 07/21/2023 17:33:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DEL-AVE-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104617 | .0057181 | .0680710 | -.001963 | .0070132 | 200.1630 |
| Stddev | .0007388 | .0046872 | .0053273 | .016437  | .0032817 | 4.6272   |
| %RSD   | 7.062370 | 81.97102 | 7.826098 | 837.4775 | 46.79256 | 2.311737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0097090 | .0020782 | .0733397 | .009704  | .0033098 | 202.7941 |
| #2 | .0111859 | .0110069 | .0681866 | -.020761 | .0095599 | 194.8201 |
| #3 | .0104902 | .0040693 | .0626869 | .005169  | .0081700 | 202.8748 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.093042 | .0079169 | .0031337 | F 1854.318 | .1469290 | .0971835 |
| Stddev | .026700  | .0001809 | .0002207 | 31.150     | .0001754 | .0012010 |
| %RSD   | 2.442691 | 2.284816 | 7.043000 | 1.679879   | .1193512 | 1.235767 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.109806 | .0079376 | .0029164 | 1869.109 | .1470637 | .0957993 |
| #2 | 1.062252 | .0077266 | .0033577 | 1818.528 | .1469925 | .0979486 |
| #3 | 1.107067 | .0080866 | .0031269 | 1875.318 | .1467307 | .0978026 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1177720 | 135.1751 | 3.480059 | 79.91352 | .2003837 | -.006765 |
| Stddev | .0024289 | 2.9706   | .082619  | 2.01457  | .0014766 | .000585  |
| %RSD   | 2.062380 | 2.197623 | 2.374061 | 2.520939 | .7368851 | 8.641266 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1205555 | 136.7718 | 3.533124 | 80.89789 | .1996621 | -.006115 |
| #2 | .1166781 | 131.7475 | 3.384868 | 77.59602 | .1994067 | -.006929 |
| #3 | .1160825 | 137.0059 | 3.522184 | 81.24665 | .2020823 | -.007249 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.679819 | .1942486 | .7122594 | 10.33845 | 7.933625 | .2113384 |
| Stddev | .169482  | .0063743 | .0037069 | .22574   | .023884  | .0061681 |
| %RSD   | 2.537229 | 3.281505 | .5204453 | 2.183453 | .3010430 | 2.918586 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.661513 | .1956186 | .7079916 | 10.45006 | 7.909899 | .2138268 |
| #2 | 6.520233 | .1873008 | .7146778 | 10.07865 | 7.933314 | .2043148 |
| #3 | 6.857711 | .1998265 | .7141088 | 10.48664 | 7.957663 | .2158736 |

Sample Name: O3669-01      Acquired: 07/21/2023 17:33:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DEL-AVE-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014528 | F 77.70503 | .6284559 | -.005938 | 4.831803 | .1338745 |
| Stddev | .0010480 | .39033     | .0115839 | .002771  | .107597  | .0031402 |
| %RSD   | 72.13516 | .5023216   | 1.843234 | 46.65927 | 2.226854 | 2.345595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0019135 | 77.48740 | .6346782 | -.007918 | 4.890586 | .1366029 |
| #2 | .0021916 | 77.47203 | .6150906 | -.002772 | 4.707619 | .1304421 |
| #3 | .0002534 | 78.15565 | .6355991 | -.007125 | 4.897203 | .1345785 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 12.01131 |
| Stddev | .21037     |
| %RSD   | 1.751426   |

|    |          |
|----|----------|
| #1 | 12.10982 |
| #2 | 11.76976 |
| #3 | 12.15435 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1135.647 | 1468.709 | 40245.30 | 7612.279 | 1267.225 |
| Stddev    | 6.056    | 3.544    | 223.81   | 160.290  | 5.953    |
| %RSD      | .5332972 | .2412844 | .5561177 | 2.105680 | .4697778 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1129.437 | 1465.951 | 40032.33 | 7528.056 | 1269.188 |
| #2 | 1141.537 | 1472.706 | 40478.57 | 7797.124 | 1271.949 |
| #3 | 1135.966 | 1467.469 | 40225.00 | 7511.656 | 1260.538 |

Sample Name: O3669-02      Acquired: 07/21/2023 17:37:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DEL-AVE-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108304 | .0049146 | .0300671 | .0005424 | .0033400 | 201.6848 |
| Stddev | .0130778 | .0048865 | .0052347 | .0130465 | .0027651 | 1.1509   |
| %RSD   | 120.7505 | 99.42725 | 17.40995 | 2405.098 | 82.78718 | .5706254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0255323 | .0104445 | .0240862 | -.004205 | .0036586 | 200.9825 |
| #2 | .0064657 | .0031205 | .0338148 | .015298  | .0004294 | 203.0130 |
| #3 | .0004932 | .0011788 | .0323003 | -.009466 | .0059319 | 201.0590 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8255154 | .0076421 | .0013507 | F 2000.144 | .1395578 | .0509100 |
| Stddev | .0028966 | .0000871 | .0000900 | 12.089     | .0004618 | .0006462 |
| %RSD   | .3508842 | 1.139668 | 6.661632 | .6044084   | .3309402 | 1.269294 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8238191 | .0075802 | .0014189 | 1998.463 | .1396738 | .0502872 |
| #2 | .8288600 | .0077417 | .0013846 | 2012.986 | .1390490 | .0515773 |
| #3 | .8238671 | .0076044 | .0012487 | 1988.984 | .1399505 | .0508655 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1090024 | 119.2488 | 3.459112 | 79.54595 | .1209249 | -.006351 |
| Stddev | .0040319 | .8674    | .018879  | .37781   | .0005020 | .000143  |
| %RSD   | 3.698905 | .7273764 | .5457778 | .4749616 | .4151410 | 2.248373 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1109011 | 118.6160 | 3.446637 | 79.24254 | .1204071 | -.006481 |
| #2 | .1117344 | 120.2375 | 3.480832 | 79.96913 | .1214095 | -.006375 |
| #3 | .1043717 | 118.8928 | 3.449868 | 79.42619 | .1209581 | -.006198 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.030970 | .1716506 | .1723188 | 9.147192 | 6.924157 | .2457328 |
| Stddev | .156442  | .0013096 | .0008139 | .025592  | .063623  | .0036086 |
| %RSD   | 2.593979 | .7629205 | .4723078 | .2797814 | .9188576 | 1.468503 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.850341 | .1727323 | .1730673 | 9.118066 | 6.850691 | .2497556 |
| #2 | 6.123277 | .1720249 | .1714524 | 9.166078 | 6.961094 | .2427809 |
| #3 | 6.119293 | .1701947 | .1724366 | 9.157434 | 6.960684 | .2446617 |

Sample Name: O3669-02      Acquired: 07/21/2023 17:37:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DEL-AVE-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009225 | F 37.95312 | .6963850 | .0047472 | 3.886944 | .1772095 |
| Stddev | .0010555 | .40031     | .0053656 | .0024925 | .025233  | .0008180 |
| %RSD   | 114.4237 | 1.054747   | .7704873 | 52.50538 | .6491634 | .4615777 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001647 | 37.49115 | .6977982 | .0053077 | 3.871666 | .1780848 |
| #2 | .0004746 | 38.19783 | .7009025 | .0020221 | 3.916068 | .1764646 |
| #3 | .0021281 | 38.17037 | .6904543 | .0069117 | 3.873098 | .1770790 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 9.800030 |
| Stddev | .076494  |
| %RSD   | .7805490 |

|    |          |
|----|----------|
| #1 | 9.840232 |
| #2 | 9.848040 |
| #3 | 9.711817 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1119.474 | 1449.827 | 39767.33 | 7511.388 | 1261.033 |
| Stddev    | 4.233    | 12.758   | 226.41   | 51.771   | 11.694   |
| %RSD      | .3781605 | .8799335 | .5693328 | .6892391 | .9273664 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1124.152 | 1463.925 | 40021.77 | 7516.250 | 1274.397 |
| #2 | 1118.361 | 1439.078 | 39692.14 | 7457.356 | 1252.673 |
| #3 | 1115.908 | 1446.477 | 39588.08 | 7560.556 | 1256.029 |

Sample Name: LR CHECK 1      Acquired: 07/21/2023 17:42:11      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.115125</b> | <b>-.070985</b> | <b>.0080417</b> | <b>-.168242</b> | <b>.0480279</b> | <b>1982.988</b> | <b>.0192351</b> |
| Stddev | .017292         | .001683         | .0028147        | .019395         | .0050442        | 27.884          | .0005017        |
| %RSD   | 15.02026        | 2.371588        | 35.00144        | 11.52783        | 10.50269        | 1.406152        | 2.608336        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.121650</b> | <b>-.071372</b> | <b>.0110820</b> | <b>-.190063</b> | <b>.0444042</b> | <b>2006.450</b> | <b>.0196658</b> |
| #2 | <b>-.128206</b> | <b>-.072442</b> | <b>.0055266</b> | <b>-.152967</b> | <b>.0537889</b> | <b>1990.354</b> | <b>.0193552</b> |
| #3 | <b>-.095520</b> | <b>-.069142</b> | <b>.0075164</b> | <b>-.161697</b> | <b>.0458906</b> | <b>1952.161</b> | <b>.0186842</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0080216</b> | <b>.0092780</b> | <b>1754.594</b> | <b>-.072851</b> | <b>.0245340</b> | <b>.0040249</b> | <b>871.5073</b> |
| Stddev | .0001721        | .0003080        | 9.520           | .000730         | .0008775        | .0020255        | 5.2918          |
| %RSD   | 2.145664        | 3.320205        | .5425550        | 1.001743        | 3.576597        | 50.32301        | .6072038        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0078273</b> | <b>.0095934</b> | <b>1764.623</b> | <b>-.073139</b> | <b>.0253743</b> | <b>.0041511</b> | <b>867.9630</b> |
| #2 | <b>.0081548</b> | <b>.0089778</b> | <b>1753.478</b> | <b>-.073393</b> | <b>.0246043</b> | <b>.0019393</b> | <b>877.5902</b> |
| #3 | <b>.0080827</b> | <b>.0092629</b> | <b>1745.682</b> | <b>-.072021</b> | <b>.0236235</b> | <b>.0059843</b> | <b>868.9689</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.014932</b> | <b>1921.265</b> | <b>.0172781</b> | <b>-.054338</b> | <b>1714.750</b> | <b>.0085966</b> | <b>.1087024</b> |
| Stddev | .000828         | 10.974          | .0004822        | .001249         | 7.381           | .0024079        | .0040348        |
| %RSD   | 5.546254        | .5711775        | 2.790911        | 2.298269        | .4304446        | 28.00958        | 3.711776        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.014033</b> | <b>1912.635</b> | <b>.0173957</b> | <b>-.054498</b> | <b>1712.758</b> | <b>.0083718</b> | <b>.1054863</b> |
| #2 | <b>-.015663</b> | <b>1933.615</b> | <b>.0167479</b> | <b>-.053016</b> | <b>1722.923</b> | <b>.0111090</b> | <b>.1073911</b> |
| #3 | <b>-.015099</b> | <b>1917.545</b> | <b>.0176906</b> | <b>-.055498</b> | <b>1708.570</b> | <b>.0063090</b> | <b>.1132297</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>927.5679</b> | <b>-.039494</b> | <b>-.498592</b> | <b>-.008754</b> | <b>-.232333</b> | <b>-.025624</b> | <b>-.005319</b> |
| Stddev | 3.1204          | .008981         | .012331         | .001061         | .015284         | .000488         | .004745         |
| %RSD   | .3364116        | 22.74165        | 2.473222        | 12.11889        | 6.578314        | 1.904889        | 89.20693        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>927.7631</b> | <b>-.032342</b> | <b>-.512680</b> | <b>-.009947</b> | <b>-.214938</b> | <b>-.025429</b> | <b>-.002606</b> |
| #2 | <b>930.5862</b> | <b>-.049574</b> | <b>-.489756</b> | <b>-.008400</b> | <b>-.238455</b> | <b>-.026179</b> | <b>-.010799</b> |
| #3 | <b>924.3545</b> | <b>-.036565</b> | <b>-.493341</b> | <b>-.007916</b> | <b>-.243607</b> | <b>-.025263</b> | <b>-.002553</b> |

Sample Name: LR CHECK 1      Acquired: 07/21/2023 17:42:11      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.034086</b> | <b>-.158149</b> | <b>-.863134</b> |
| Stddev | .001037         | .001360         | .005390         |
| %RSD   | 3.042202        | .8597244        | .6244479        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.032932</b> | <b>-.156763</b> | <b>-.859149</b> |
| #2 | <b>-.034386</b> | <b>-.159481</b> | <b>-.869266</b> |
| #3 | <b>-.034939</b> | <b>-.158202</b> | <b>-.860985</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>858.8671</b> | <b>1110.976</b> | <b>30888.72</b> | <b>6065.268</b> | <b>1000.447</b> |
| Stddev    | 15.2521         | 4.261           | 360.69          | 29.025          | 2.925           |
| %RSD      | 1.775835        | .3835149        | 1.167703        | .4785383        | .2923513        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 866.1800 | 1111.572 | 30956.65 | 6033.041 | 1002.366 |
| #2 | 869.0856 | 1114.908 | 31210.62 | 6073.416 | 1001.893 |
| #3 | 841.3356 | 1106.449 | 30498.90 | 6089.348 | 997.080  |

Sample Name: LR CHECK 2      Acquired: 07/21/2023 17:46:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.021102</b> | <b>.0085802</b> | <b>272.8615</b> | <b>.0024500</b> | <b>-.017201</b> | <b>.3284296</b> | <b>98.24528</b> |
| Stddev | .002253         | .0006119        | .8074           | .0031733        | .000451         | .0301824        | .28171          |
| %RSD   | 10.67764        | 7.132051        | .2958898        | 129.5225        | 2.620653        | 9.189911        | .2867458        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.023553</b> | <b>.0091722</b> | <b>272.1856</b> | <b>-.001158</b> | <b>-.016821</b> | <b>.3115027</b> | <b>98.37389</b> |
| #2 | <b>-.020632</b> | <b>.0086183</b> | <b>272.6433</b> | <b>.003700</b>  | <b>-.017083</b> | <b>.3105096</b> | <b>97.92222</b> |
| #3 | <b>-.019121</b> | <b>.0079501</b> | <b>273.7555</b> | <b>.004808</b>  | <b>-.017699</b> | <b>.3632765</b> | <b>98.43974</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002377</b> | <b>.0008059</b> | <b>.3656843</b> | <b>-.168914</b> | <b>.0018219</b> | <b>234.8175</b> | <b>-.364211</b> |
| Stddev | .000078         | .0000609        | .0305200        | .001786         | .0004968        | 3.0675          | .027984         |
| %RSD   | 3.289258        | 7.562586        | 8.345983        | 1.057640        | 27.26776        | 1.306327        | 7.683545        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002417</b> | <b>.0008745</b> | <b>.3494431</b> | <b>-.167123</b> | <b>.0014141</b> | <b>231.6620</b> | <b>-.367863</b> |
| #2 | <b>-.002428</b> | <b>.0007579</b> | <b>.3467193</b> | <b>-.170696</b> | <b>.0023752</b> | <b>237.7886</b> | <b>-.390191</b> |
| #3 | <b>-.002287</b> | <b>.0007852</b> | <b>.4008907</b> | <b>-.168923</b> | <b>.0016764</b> | <b>235.0019</b> | <b>-.334580</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>47.32865</b> | <b>.1166226</b> | <b>50.03947</b> | <b>.0015415</b> | <b>.9644220</b> | <b>-.028507</b> | <b>36.61388</b> |
| Stddev | .18339          | .0313764        | .18458          | .0002938        | .1724631        | .002874         | .23691          |
| %RSD   | .3874724        | 26.90421        | .3688753        | 19.06196        | 17.88253        | 10.08146        | .6470433        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>47.11788</b> | <b>.0888716</b> | <b>49.90717</b> | <b>.0018794</b> | <b>.8159078</b> | <b>-.026076</b> | <b>36.63994</b> |
| #2 | <b>47.41642</b> | <b>.1103266</b> | <b>49.96091</b> | <b>.0013461</b> | <b>1.153575</b> | <b>-.031679</b> | <b>36.83669</b> |
| #3 | <b>47.45166</b> | <b>.1506696</b> | <b>50.25034</b> | <b>.0013990</b> | <b>.923783</b>  | <b>-.027766</b> | <b>36.36503</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0622703</b> | <b>-2.94135</b> | <b>-.010018</b> | <b>-.038277</b> | <b>-.690414</b> | <b>.0038996</b> | <b>-.003922</b> |
| Stddev | .0368589        | .01116          | .000750         | .000243         | .008595         | .0012444        | .001670         |
| %RSD   | 59.19181        | .3792864        | 7.485763        | .6359272        | 1.244948        | 31.91019        | 42.58489        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1047525</b> | <b>-2.92901</b> | <b>-.009236</b> | <b>-.038395</b> | <b>-.685198</b> | <b>.0040993</b> | <b>-.005844</b> |
| #2 | <b>.0387880</b> | <b>-2.94431</b> | <b>-.010731</b> | <b>-.037997</b> | <b>-.700335</b> | <b>.0050320</b> | <b>-.002832</b> |
| #3 | <b>.0432703</b> | <b>-2.95073</b> | <b>-.010087</b> | <b>-.038439</b> | <b>-.685710</b> | <b>.0025674</b> | <b>-.003089</b> |

Sample Name: LR CHECK 2      Acquired: 07/21/2023 17:46:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.010844</b> | <b>.0006093</b> | <b>.0017632</b> |
| Stddev | .001073         | .0004385        | .0000244        |
| %RSD   | 9.893981        | 71.96599        | 1.381536        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.009623</b> | <b>.0001643</b> | <b>.0017892</b> |
| #2 | <b>-.011637</b> | <b>.0010410</b> | <b>.0017596</b> |
| #3 | <b>-.011272</b> | <b>.0006226</b> | <b>.0017409</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1147.332</b> | <b>1403.345</b> | <b>41415.05</b> | <b>7193.759</b> | <b>1628.995</b> |
| Stddev    | 7.464           | 7.727           | 176.33          | 14.528          | 6.878           |
| %RSD      | .6505565        | .5506342        | .4257555        | .2019531        | .4222306        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1142.740 | 1411.738 | 41301.40 | 7182.880 | 1634.520 |
| #2 | 1143.313 | 1401.773 | 41325.57 | 7188.138 | 1631.174 |
| #3 | 1155.945 | 1396.525 | 41618.17 | 7210.257 | 1621.292 |

Sample Name: CCV03      Acquired: 07/21/2023 17:50:49      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV20754      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.080753</b> | <b>4.997176</b> | <b>5.088148</b> | <b>5.201811</b> | <b>5.186986</b> | <b>10.19112</b> | <b>10.12703</b> |
| Stddev | .026236         | .006423         | .016984         | .034564         | .032066         | .09238          | .11651          |
| %RSD   | .5163890        | .1285346        | .3337887        | .6644626        | .6181994        | .9064393        | 1.150491        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.083106 | 5.003377 | 5.107494 | 5.241477 | 5.222998 | 10.11525 | 10.17348 |
| #2 | 5.105734 | 4.990552 | 5.081259 | 5.185806 | 5.161524 | 10.16413 | 9.99446  |
| #3 | 5.053420 | 4.997600 | 5.075692 | 5.178152 | 5.176437 | 10.29398 | 10.21314 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2546168</b> | <b>2.536089</b> | <b>25.43504</b> | <b>1.016506</b> | <b>2.529749</b> | <b>1.269246</b> | <b>5.130906</b> |
| Stddev | .0006691        | .008055         | .19967          | .001662         | .008206         | .002663         | .020080         |
| %RSD   | .2628002        | .3176027        | .7850271        | .1635221        | .3243915        | .2098075        | .3913558        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2553510 | 2.544560 | 25.29483 | 1.014958 | 2.539035 | 1.266254 | 5.130544 |
| #2 | .2540414 | 2.528528 | 25.34663 | 1.018263 | 2.523472 | 1.270129 | 5.111009 |
| #3 | .2544579 | 2.535180 | 25.66365 | 1.016297 | 2.526740 | 1.271356 | 5.151164 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.540856</b> | <b>25.24445</b> | <b>2.542700</b> | <b>1.292499</b> | <b>25.08258</b> | <b>2.514107</b> | <b>2.608901</b> |
| Stddev | .014994         | .22133          | .007985         | .010834         | .06709          | .025519         | .003647         |
| %RSD   | .5901178        | .8767288        | .3140440        | .8382285        | .2674748        | 1.015049        | .1397796        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.525464 | 25.02569 | 2.549048 | 1.281387 | 25.13751 | 2.487903 | 2.612887 |
| #2 | 2.541687 | 25.23940 | 2.533735 | 1.293078 | 25.00780 | 2.515535 | 2.605732 |
| #3 | 2.555418 | 25.46826 | 2.545318 | 1.303033 | 25.10242 | 2.538882 | 2.608083 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.20690</b> | <b>5.014266</b> | <b>5.047225</b> | <b>5.162085</b> | <b>5.023476</b> | <b>5.010705</b> | <b>5.108304</b> |
| Stddev | .15475          | .015180         | .008190         | .018423         | .028242         | .019099         | .015583         |
| %RSD   | .6139107        | .3027274        | .1622765        | .3568953        | .5622002        | .3811688        | .3050477        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.03118 | 5.016961 | 5.055814 | 5.182624 | 5.055949 | 5.030460 | 5.119278 |
| #2 | 25.26669 | 4.997919 | 5.039502 | 5.156614 | 5.009835 | 4.992337 | 5.090468 |
| #3 | 25.32284 | 5.027917 | 5.046359 | 5.147016 | 5.004643 | 5.009319 | 5.115167 |

Sample Name: CCV03      Acquired: 07/21/2023 17:50:49      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV20754      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.047712 | 5.076913 | 5.034964 |
| Stddev | .022674  | .019794  | .052843  |
| %RSD   | .4492000 | .3898766 | 1.049521 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.025084 | 5.077314 | 4.996943 |
| #2 | 5.047619 | 5.056921 | 5.012644 |
| #3 | 5.070432 | 5.096503 | 5.095305 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1157.615 | 1496.200 | 40499.05 | 7049.158 | 1598.269 |
| Stddev    | 4.952    | 7.034    | 273.34   | 34.142   | 7.792    |
| %RSD      | .4277609 | .4701452 | .6749256 | .4843461 | .4875537 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1157.028 | 1488.130 | 40679.64 | 7024.029 | 1590.529 |
| #2 | 1162.834 | 1501.033 | 40632.93 | 7088.030 | 1606.113 |
| #3 | 1152.983 | 1499.437 | 40184.58 | 7035.415 | 1598.166 |

Sample Name: CCB03      Acquired: 07/21/2023 17:54:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB20754      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005469</b> | <b>-.001196</b> | <b>-.000429</b> | <b>.0047693</b> | <b>-.001009</b> | <b>.0015434</b> | <b>.0005817</b> |
| Stddev | .000773         | .001657         | .001610         | .0038138        | .001057         | .0074844        | .0006714        |
| %RSD   | 14.13231        | 138.5408        | 375.2389        | 79.96595        | 104.8168        | 484.9294        | 115.4192        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005961</b> | <b>-.001843</b> | <b>-.002157</b> | <b>.0039832</b> | <b>-.000998</b> | <b>.0038948</b> | <b>.0012485</b> |
| #2 | <b>-.004578</b> | <b>-.002431</b> | <b>.001028</b>  | <b>.0014098</b> | <b>.000043</b>  | <b>-.006834</b> | <b>.0005907</b> |
| #3 | <b>-.005867</b> | <b>.000687</b>  | <b>-.000158</b> | <b>.0089149</b> | <b>-.002071</b> | <b>.007570</b>  | <b>-.000094</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000822</b> | <b>.0000425</b> | <b>.0046829</b> | <b>-.000180</b> | <b>.0000774</b> | <b>-.000640</b> | <b>.0047160</b> |
| Stddev | .0000770        | .0000199        | .0062353        | .000614         | .0003138        | .001208         | .0044094        |
| %RSD   | 93.69365        | 46.76421        | 133.1506        | 341.9329        | 405.4201        | 188.8171        | 93.49801        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000006</b> | <b>.0000636</b> | <b>.0112425</b> | <b>-.000101</b> | <b>.0001574</b> | <b>.000583</b>  | <b>.0096835</b> |
| #2 | <b>.000133</b>  | <b>.0000241</b> | <b>.0039738</b> | <b>-.000829</b> | <b>-.000269</b> | <b>-.000670</b> | <b>.0031997</b> |
| #3 | <b>.000120</b>  | <b>.0000398</b> | <b>-.001168</b> | <b>.000391</b>  | <b>.000343</b>  | <b>-.001833</b> | <b>.0012649</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000181</b> | <b>-.005022</b> | <b>-.000252</b> | <b>-.000380</b> | <b>-.250939</b> | <b>-.000575</b> | <b>.0000639</b> |
| Stddev | .000450         | .028893         | .000440         | .000188         | .220863         | .002181         | .0001399        |
| %RSD   | 247.9602        | 575.3018        | 174.5123        | 49.42943        | 88.01446        | 379.5546        | 219.0551        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000691</b> | <b>.026189</b>  | <b>-.000747</b> | <b>-.000178</b> | <b>-.495474</b> | <b>.001798</b>  | <b>-.000071</b> |
| #2 | <b>-.000016</b> | <b>-.010421</b> | <b>-.000102</b> | <b>-.000414</b> | <b>-.191381</b> | <b>-.001031</b> | <b>.000053</b>  |
| #3 | <b>.000162</b>  | <b>-.030835</b> | <b>.000093</b>  | <b>-.000549</b> | <b>-.065963</b> | <b>-.002491</b> | <b>.000209</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1510696</b> | <b>-.002578</b> | <b>.0004076</b> | <b>.0004210</b> | <b>.0084684</b> | <b>.0047149</b> | <b>-.000601</b> |
| Stddev | .0397328        | .001933         | .0039962        | .0003460        | .0018704        | .0018127        | .000879         |
| %RSD   | 26.30096        | 75.00421        | 980.3862        | 82.18306        | 22.08718        | 38.44632        | 146.3465        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1959925</b> | <b>-.004751</b> | <b>.0049986</b> | <b>.0007527</b> | <b>.0078659</b> | <b>.0068055</b> | <b>-.001458</b> |
| #2 | <b>.1205372</b> | <b>-.001933</b> | <b>-.002290</b> | <b>.0004481</b> | <b>.0105659</b> | <b>.0035799</b> | <b>.000299</b>  |
| #3 | <b>.1366791</b> | <b>-.001049</b> | <b>-.001485</b> | <b>.0000623</b> | <b>.0069735</b> | <b>.0037593</b> | <b>-.000643</b> |

Sample Name: CCB03      Acquired: 07/21/2023 17:54:45      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB20754      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0009969 | .0011817 | .0001865 |
| Stddev | .0010882 | .0003991 | .0000805 |
| %RSD   | 109.1518 | 33.77457 | 43.16047 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0022534 | .0007601 | .0002792 |
| #2 | .0003652 | .0012313 | .0001347 |
| #3 | .0003722 | .0015537 | .0001455 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1170.906 | 1508.477 | 41100.30 | 6483.540 | 1667.159 |
| Stddev    | 7.591    | 4.040    | 169.44   | 853.313  | 3.776    |
| %RSD      | .6483128 | .2678403 | .4122574 | 13.16122 | .2264656 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1167.316 | 1508.572 | 40962.70 | 5498.280 | 1662.862 |
| #2 | 1165.777 | 1512.468 | 41048.64 | 6966.680 | 1669.944 |
| #3 | 1179.627 | 1504.389 | 41289.55 | 6985.660 | 1668.671 |

Sample Name: O3674-01      Acquired: 07/21/2023 17:58:52      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1272410</b> | <b>-.003460</b> | <b>1.894853</b> | <b>-.021435</b> | <b>.0071402</b> | <b>102.1904</b> | <b>1.389385</b> |
| Stddev | .0029125        | .002320         | .005222         | .005932         | .0018447        | .8159           | .004656         |
| %RSD   | 2.288972        | 67.04525        | .2755927        | 27.67585        | 25.83556        | .7983867        | .3350769        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1252920 | -.006043 | 1.895210 | -.027791 | .0061312 | 101.2553 | 1.384010 |
| #2 | .1258420 | -.002781 | 1.889462 | -.016044 | .0060202 | 102.5584 | 1.392059 |
| #3 | .1305891 | -.001555 | 1.899887 | -.020470 | .0092694 | 102.7574 | 1.392088 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0064126</b> | <b>.0169492</b> | <b>8.011077</b> | <b>.2369363</b> | <b>.0261041</b> | <b>.2438020</b> | <b>191.0420</b> |
| Stddev | .0000690        | .0002356        | .007323         | .0000956        | .0004118        | .0015999        | 1.0181          |
| %RSD   | 1.076397        | 1.389960        | .0914096        | .0403260        | 1.577684        | .6562334        | .5329341        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064922 | .0168856 | 8.002644 | .2370447 | .0256286 | .2437856 | 189.9121 |
| #2 | .0063764 | .0167520 | 8.014760 | .2369000 | .0263409 | .2454100 | 191.3260 |
| #3 | .0063693 | .0172101 | 8.015828 | .2368642 | .0263429 | .2422103 | 191.8880 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7115801</b> | <b>5.603736</b> | <b>.1396676</b> | <b>-.003562</b> | <b>.4979317</b> | <b>.2816146</b> | <b>2.289433</b> |
| Stddev | .0034338        | .069474         | .0008777        | .000872         | .1104594        | .0005833        | .006760         |
| %RSD   | .4825529        | 1.239787        | .6284480        | 24.47199        | 22.18364        | .2071254        | .2952762        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7077416 | 5.523541 | .1398059 | -.004499 | .3703879 | .2809517 | 2.287988 |
| #2 | .7126394 | 5.642037 | .1387289 | -.002776 | .5625499 | .2820492 | 2.296799 |
| #3 | .7143595 | 5.645631 | .1404680 | -.003410 | .5608572 | .2818429 | 2.283512 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.179400</b> | <b>9.119950</b> | <b>-.039678</b> | <b>.0195258</b> | <b>1.348735</b> | <b>6.728018</b> | <b>.0277765</b> |
| Stddev | .098053         | .014930         | .004934         | .0006871        | .005965         | .034562         | .0010813        |
| %RSD   | 1.586771        | .1637069        | 12.43393        | 3.518863        | .4422596        | .5136985        | 3.892662        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.066189 | 9.127369 | -.044317 | .0188388 | 1.345971 | 6.759413 | .0289407 |
| #2 | 6.237354 | 9.102764 | -.040221 | .0202130 | 1.344654 | 6.733658 | .0275850 |
| #3 | 6.234657 | 9.129718 | -.034495 | .0195256 | 1.355581 | 6.690983 | .0268038 |

Sample Name: O3674-01      Acquired: 07/21/2023 17:58:52      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.7228474</b> | <b>.0116477</b> | <b>-.129447</b> |
| Stddev | .0055004        | .0012243        | .000436         |
| %RSD   | .7609304        | 10.51124        | .3369127        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.7165494</b> | <b>.0130518</b> | <b>-.128976</b> |
| #2 | <b>.7267070</b> | <b>.0108030</b> | <b>-.129527</b> |
| #3 | <b>.7252859</b> | <b>.0110883</b> | <b>-.129837</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1327.878</b> | <b>1701.910</b> | <b>46379.49</b> | <b>8029.595</b> | <b>1655.996</b> |
| Stddev    | 7.403           | 3.007           | 84.31           | 9.170           | 1.907           |
| %RSD      | .5575016        | .1766733        | .1817785        | .1142066        | .1151661        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1336.425 | 1704.883 | 46452.70 | 8034.130 | 1655.349 |
| #2 | 1323.704 | 1698.870 | 46398.46 | 8019.041 | 1658.142 |
| #3 | 1323.505 | 1701.976 | 46287.31 | 8035.614 | 1654.496 |

Sample Name: O3674-02      Acquired: 07/21/2023 18:02:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1465392</b> | <b>-.005401</b> | <b>2.322821</b> | <b>-.023089</b> | <b>.0075857</b> | <b>106.7951</b> | <b>1.441633</b> |
| Stddev | .0046946        | .004875         | .009198         | .006052         | .0023391        | .3079           | .005070         |
| %RSD   | 3.203633        | 90.27526        | .3959742        | 26.21093        | 30.83530        | .2883012        | .3516792        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1510548 | -.000775 | 2.312211 | -.025502 | .0101832 | 107.0030 | 1.438676 |
| #2 | .1468787 | -.010492 | 2.328533 | -.027563 | .0069282 | 106.4414 | 1.438737 |
| #3 | .1416841 | -.004935 | 2.327720 | -.016203 | .0056458 | 106.9409 | 1.447488 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0061246</b> | <b>.0202041</b> | <b>8.447563</b> | <b>.2359549</b> | <b>.0259078</b> | <b>.2180269</b> | <b>176.1496</b> |
| Stddev | .0000348        | .0000368        | .029218         | .0006301        | .0002450        | .0018981        | .3619           |
| %RSD   | .5680205        | .1820113        | .3458802        | .2670598        | .9456985        | .8705913        | .2054605        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0061159 | .0202167 | 8.440493 | .2362450 | .0261904 | .2201526 | 176.2576 |
| #2 | .0061629 | .0201626 | 8.422528 | .2363878 | .0257543 | .2174266 | 175.7460 |
| #3 | .0060950 | .0202328 | 8.479668 | .2352320 | .0257787 | .2165015 | 176.4452 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7280824</b> | <b>6.062661</b> | <b>.1488145</b> | <b>-.003450</b> | <b>.5446349</b> | <b>.2561410</b> | <b>2.578831</b> |
| Stddev | .0016853        | .033090         | .0012815        | .000204         | .2067722        | .0021568        | .008643         |
| %RSD   | .2314736        | .5458011        | .8611314        | 5.913275        | 37.96529        | .8420442        | .3351470        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7282457 | 6.059168 | .1474196 | -.003424 | .7033346 | .2584431 | 2.588612 |
| #2 | .7263214 | 6.031455 | .1490841 | -.003666 | .3108003 | .2541671 | 2.572223 |
| #3 | .7296802 | 6.097358 | .1499397 | -.003261 | .6197699 | .2558129 | 2.575656 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.852941</b> | <b>9.205420</b> | <b>-.043603</b> | <b>.0236233</b> | <b>1.413918</b> | <b>2.891432</b> | <b>.0300400</b> |
| Stddev | .076037         | .022340         | .000804         | .0005715        | .016351         | .037377         | .0003832        |
| %RSD   | 1.299121        | .2426836        | 1.844180        | 2.419446        | 1.156398        | 1.292698        | 1.275608        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.940552 | 9.186376 | -.044384 | .0233544 | 1.397569 | 2.883536 | .0296061 |
| #2 | 5.814124 | 9.230011 | -.042778 | .0242798 | 1.413914 | 2.858633 | .0301820 |
| #3 | 5.804148 | 9.199871 | -.043648 | .0232359 | 1.430270 | 2.932126 | .0303320 |

Sample Name: O3674-02      Acquired: 07/21/2023 18:02:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.6230093</b> | <b>.0242600</b> | <b>-.109875</b> |
| Stddev | .0016838        | .0003747        | .000276         |
| %RSD   | .2702655        | 1.544694        | .2513246        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.6238647</b> | <b>.0239221</b> | <b>-.109559</b> |
| #2 | <b>.6240937</b> | <b>.0241948</b> | <b>-.109995</b> |
| #3 | <b>.6210696</b> | <b>.0246631</b> | <b>-.110071</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1357.043</b> | <b>1740.281</b> | <b>47589.47</b> | <b>8252.482</b> | <b>1665.106</b> |
| Stddev    | 9.364           | 3.337           | 299.68          | 57.538          | 2.100           |
| %RSD      | .6900372        | .1917428        | .6297180        | .6972178        | .1261401        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1346.771 | 1740.138 | 47288.62 | 8190.078 | 1667.098 |
| #2 | 1359.257 | 1743.688 | 47591.82 | 8303.430 | 1665.308 |
| #3 | 1365.103 | 1737.018 | 47887.96 | 8263.938 | 1662.912 |

Sample Name: O3674-03      Acquired: 07/21/2023 18:06:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0627701 | -.009437 | 1.861204 | -.021188 | .0070256 | 74.49309 | .8124148 |
| Stddev | .0091404 | .003599  | .007333  | .006107  | .0018312 | .13542   | .0008176 |
| %RSD   | 14.56176 | 38.13425 | .3940007 | 28.82410 | 26.06477 | .1817862 | .1006418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0525426 | -.007898 | 1.854719 | -.018357 | .0060861 | 74.46653 | .8116244 |
| #2 | .0656264 | -.006863 | 1.859732 | -.028197 | .0058548 | 74.37293 | .8123628 |
| #3 | .0701413 | -.013549 | 1.869162 | -.017010 | .0091359 | 74.63983 | .8132572 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047538 | .0213399 | 10.59997 | .1461150 | .0205957 | .2312521 | 151.6665 |
| Stddev | .0000753 | .0001207 | .06092   | .0008431 | .0002002 | .0016321 | .4451    |
| %RSD   | 1.583881 | .5654449 | .5747399 | .5770302 | .9719853 | .7057635 | .2934734 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046793 | .0213954 | 10.52997 | .1451636 | .0204193 | .2310730 | 151.5176 |
| #2 | .0047522 | .0214228 | 10.62895 | .1464118 | .0205544 | .2297170 | 151.3149 |
| #3 | .0048298 | .0212015 | 10.64100 | .1467696 | .0208132 | .2329664 | 152.1669 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8287302 | 4.745265 | .0810305 | -.004608 | .5810453 | .1907603 | 1.952544 |
| Stddev | .0013466 | .019799  | .0001658 | .000380  | .0528336 | .0033392 | .002238  |
| %RSD   | .1624874 | .4172376 | .2046049 | 8.255966 | 9.092855 | 1.750475 | .1146401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8287488 | 4.733711 | .0810705 | -.004763 | .5701605 | .1942027 | 1.952560 |
| #2 | .8273745 | 4.733957 | .0808484 | -.004886 | .5345018 | .1905433 | 1.954775 |
| #3 | .8300675 | 4.768127 | .0811726 | -.004174 | .6384735 | .1875348 | 1.950299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.736744 | 5.704806 | -.040272 | .0233335 | 1.778828 | 2.389088 | .0244072 |
| Stddev | .012970  | .021179  | .001856  | .0003158 | .018359  | .016922  | .0028704 |
| %RSD   | .2738164 | .3712566 | 4.608780 | 1.353566 | 1.032069 | .7083139 | 11.76026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.739433 | 5.680859 | -.039186 | .0234120 | 1.759291 | 2.371692 | .0262622 |
| #2 | 4.748159 | 5.712481 | -.042415 | .0236027 | 1.781472 | 2.405493 | .0211010 |
| #3 | 4.722641 | 5.721078 | -.039216 | .0229858 | 1.795722 | 2.390079 | .0258585 |

Sample Name: O3674-03      Acquired: 07/21/2023 18:06:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WO-9      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.4736134</b> | <b>.0217519</b> | <b>-.088795</b> |
| Stddev | .0007278        | .0004871        | .000116         |
| %RSD   | .1536702        | 2.239297        | .1301331        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.4737203</b> | <b>.0213270</b> | <b>-.088821</b> |
| #2 | <b>.4728380</b> | <b>.0222835</b> | <b>-.088669</b> |
| #3 | <b>.4742818</b> | <b>.0216452</b> | <b>-.088895</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1310.621</b> | <b>1687.086</b> | <b>46001.88</b> | <b>8002.136</b> | <b>1681.216</b> |
| Stddev    | 9.207           | 2.685           | 134.78          | 34.185          | 4.195           |
| %RSD      | .7024691        | .1591694        | .2929779        | .4271937        | .2495378        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1300.179 | 1683.986 | 45850.11 | 8009.777 | 1676.497 |
| #2 | 1314.111 | 1688.622 | 46047.95 | 7964.778 | 1684.522 |
| #3 | 1317.572 | 1688.651 | 46107.58 | 8031.854 | 1682.629 |

Sample Name: O3678-01      Acquired: 07/21/2023 18:10:37      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.013344</b> | <b>-.003817</b> | <b>.0035284</b> | <b>.0081939</b> | <b>.0003039</b> | <b>.0486904</b> | <b>.0017119</b> |
| Stddev | .003266         | .002930         | .0019731        | .0037348        | .0022797        | .0069693        | .0000893        |
| %RSD   | 24.47532        | 76.77600        | 55.91906        | 45.58073        | 750.0110        | 14.31358        | 5.214104        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.010088</b> | <b>-.004948</b> | <b>.0031119</b> | <b>.0046252</b> | <b>.0011441</b> | <b>.0432026</b> | <b>.0018035</b> |
| #2 | <b>-.013324</b> | <b>-.006013</b> | <b>.0017968</b> | <b>.0120753</b> | <b>.0020443</b> | <b>.0463366</b> | <b>.0017072</b> |
| #3 | <b>-.016620</b> | <b>-.000489</b> | <b>.0056764</b> | <b>.0078812</b> | <b>-.002277</b> | <b>.0565318</b> | <b>.0016251</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000017</b> | <b>.0039945</b> | <b>.5607865</b> | <b>-.000608</b> | <b>-.000038</b> | <b>.0052332</b> | <b>.0748481</b> |
| Stddev | .000042         | .0001333        | .0055658        | .000277         | .000341         | .0013940        | .0060662        |
| %RSD   | 254.1831        | 3.338139        | .9924965        | 45.58532        | 895.6715        | 26.63687        | 8.104738        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000046</b> | <b>.0039534</b> | <b>.5546116</b> | <b>-.000749</b> | <b>-.000430</b> | <b>.0050065</b> | <b>.0818488</b> |
| #2 | <b>.000032</b>  | <b>.0041435</b> | <b>.5654168</b> | <b>-.000289</b> | <b>.000119</b>  | <b>.0067266</b> | <b>.0715508</b> |
| #3 | <b>-.000036</b> | <b>.0038865</b> | <b>.5623313</b> | <b>-.000786</b> | <b>.000196</b>  | <b>.0039665</b> | <b>.0711445</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0073263</b> | <b>.0469250</b> | <b>.0008278</b> | <b>-.000127</b> | <b>.1703763</b> | <b>-.002284</b> | <b>1.493734</b> |
| Stddev | .0005496        | .0201326        | .0004912        | .000180         | .1439758        | .000638         | .075204         |
| %RSD   | 7.501594        | 42.90389        | 59.34039        | 142.3913        | 84.50457        | 27.95149        | 5.034623        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0072849</b> | <b>.0294617</b> | <b>.0010838</b> | <b>.000061</b>  | <b>.0187858</b> | <b>-.002275</b> | <b>1.458330</b> |
| #2 | <b>.0067986</b> | <b>.0423675</b> | <b>.0002615</b> | <b>-.000299</b> | <b>.1870592</b> | <b>-.002927</b> | <b>1.580105</b> |
| #3 | <b>.0078955</b> | <b>.0689457</b> | <b>.0011381</b> | <b>-.000142</b> | <b>.3052839</b> | <b>-.001650</b> | <b>1.442765</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0376516</b> | <b>.0102559</b> | <b>-.010324</b> | <b>.0001856</b> | <b>.8097984</b> | <b>.0526355</b> | <b>-.000241</b> |
| Stddev | .0498540        | .0043255        | .001051         | .0003806        | .0126627        | .0010703        | .000687         |
| %RSD   | 132.4086        | 42.17555        | 10.17751        | 205.0551        | 1.563688        | 2.033329        | 284.9198        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0794194</b> | <b>.0063932</b> | <b>-.011399</b> | <b>.0001760</b> | <b>.8077287</b> | <b>.0516269</b> | <b>-.000744</b> |
| #2 | <b>-.017540</b> | <b>.0149294</b> | <b>-.010273</b> | <b>.0005709</b> | <b>.7982980</b> | <b>.0537582</b> | <b>.000541</b>  |
| #3 | <b>.051075</b>  | <b>.0094451</b> | <b>-.009300</b> | <b>-.000190</b> | <b>.8233685</b> | <b>.0525215</b> | <b>-.000520</b> |

Sample Name: O3678-01      Acquired: 07/21/2023 18:10:37      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0009770</b> | <b>-.000056</b> | <b>.0023466</b> |
| Stddev | .0004813        | .001147         | .0000351        |
| %RSD   | 49.26624        | 2038.450        | 1.494768        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0015290</b> | <b>-.000280</b> | <b>.0023490</b> |
| #2 | <b>.0006450</b> | <b>.001186</b>  | <b>.0023805</b> |
| #3 | <b>.0007569</b> | <b>-.001075</b> | <b>.0023104</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1175.080</b> | <b>1541.841</b> | <b>41452.56</b> | <b>7237.737</b> | <b>1719.869</b> |
| Stddev    | 44.308          | 3.222           | 1539.57         | 38.024          | 3.466           |
| %RSD      | 3.770631        | .2089628        | 3.714056        | .5253559        | .2015412        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1191.647 | 1538.735 | 42386.17 | 7248.050 | 1719.994 |
| #2 | 1124.875 | 1545.167 | 39675.58 | 7195.620 | 1723.270 |
| #3 | 1208.717 | 1541.621 | 42295.93 | 7269.540 | 1716.341 |

Sample Name: O3678-02      Acquired: 07/21/2023 18:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007212</b> | <b>-.003271</b> | <b>.0007476</b> | <b>-.002268</b> | <b>.0001794</b> | <b>.0109772</b> | <b>.0005460</b> |
| Stddev | .005175         | .002925         | .0006688        | .003384         | .0020109        | .0044429        | .0001208        |
| %RSD   | 71.76222        | 89.43292        | 89.46643        | 149.1729        | 1121.156        | 40.47332        | 22.12227        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005197</b> | <b>-.001425</b> | <b>-.000014</b> | <b>-.005550</b> | <b>.0000306</b> | <b>.0086453</b> | <b>.0006786</b> |
| #2 | <b>-.013091</b> | <b>-.001744</b> | <b>.001237</b>  | <b>.001209</b>  | <b>-.001753</b> | <b>.0161006</b> | <b>.0005173</b> |
| #3 | <b>-.003347</b> | <b>-.006644</b> | <b>.001020</b>  | <b>-.002464</b> | <b>.002261</b>  | <b>.0081859</b> | <b>.0004422</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000015</b> | <b>-.000061</b> | <b>.0317754</b> | <b>.0005988</b> | <b>-.000181</b> | <b>-.001972</b> | <b>.4002592</b> |
| Stddev | .000011         | .000086         | .0085567        | .0001876        | .000195         | .003315         | .0061053        |
| %RSD   | 71.31679        | 140.9450        | 26.92879        | 31.32634        | 108.0278        | 168.1372        | 1.525335        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000027</b> | <b>-.000022</b> | <b>.0409549</b> | <b>.0004141</b> | <b>.000024</b>  | <b>-.005348</b> | <b>.4050486</b> |
| #2 | <b>-.000014</b> | <b>-.000002</b> | <b>.0240202</b> | <b>.0007891</b> | <b>-.000365</b> | <b>.001279</b>  | <b>.3933845</b> |
| #3 | <b>-.000005</b> | <b>-.000160</b> | <b>.0303512</b> | <b>.0005934</b> | <b>-.000202</b> | <b>-.001846</b> | <b>.4023447</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0180059</b> | <b>-.012217</b> | <b>-.000025</b> | <b>-.000210</b> | <b>-.013993</b> | <b>-.000862</b> | <b>.0082029</b> |
| Stddev | .0002003        | .015155         | .000256         | .000476         | .135212         | .001055         | .0005219        |
| %RSD   | 1.112351        | 124.0424        | 1042.584        | 226.4537        | 966.2555        | 122.3501        | 6.362139        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0178432</b> | <b>-.023729</b> | <b>.000269</b>  | <b>-.000622</b> | <b>.065835</b>  | <b>-.000976</b> | <b>.0086106</b> |
| #2 | <b>.0182296</b> | <b>-.017875</b> | <b>-.000140</b> | <b>-.000318</b> | <b>-.170110</b> | <b>.000245</b>  | <b>.0076148</b> |
| #3 | <b>.0179450</b> | <b>.004952</b>  | <b>-.000203</b> | <b>.000310</b>  | <b>.062294</b>  | <b>-.001856</b> | <b>.0083834</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.190903</b> | <b>.0021062</b> | <b>-.011063</b> | <b>-.000044</b> | <b>.1434409</b> | <b>.0075654</b> | <b>-.000846</b> |
| Stddev | .054750         | .0024515        | .000749         | .000715         | .0027568        | .0018900        | .000998         |
| %RSD   | 28.67935        | 116.3938        | 6.769335        | 1630.642        | 1.921875        | 24.98185        | 117.9259        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.215035</b> | <b>.0020094</b> | <b>-.011887</b> | <b>-.000303</b> | <b>.1466219</b> | <b>.0097359</b> | <b>-.000954</b> |
| #2 | <b>-.128233</b> | <b>.0046047</b> | <b>-.010425</b> | <b>.000765</b>  | <b>.1419553</b> | <b>.0066768</b> | <b>.000201</b>  |
| #3 | <b>-.229442</b> | <b>-.000295</b> | <b>-.010876</b> | <b>-.000594</b> | <b>.1417457</b> | <b>.0062834</b> | <b>-.001785</b> |

Sample Name: O3678-02      Acquired: 07/21/2023 18:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0008978</b> | <b>-.000106</b> | <b>-.000219</b> |
| Stddev | .0016623        | .000848         | .000047         |
| %RSD   | 185.1555        | 801.5358        | 21.65507        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0008660</b> | <b>-.001029</b> | <b>-.000267</b> |
| #2 | <b>-.000748</b> | <b>.000638</b>  | <b>-.000219</b> |
| #3 | <b>.002576</b>  | <b>.000074</b>  | <b>-.000172</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1207.197</b> | <b>1548.855</b> | <b>42313.23</b> | <b>7165.160</b> | <b>1713.830</b> |
| Stddev    | 3.900           | 4.381           | 47.39           | 39.134          | 1.543           |
| %RSD      | .3230670        | .2828284        | .1119957        | .5461662        | .0900482        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1208.167 | 1548.420 | 42261.66 | 7126.340 | 1713.855 |
| #2 | 1210.521 | 1544.707 | 42354.86 | 7164.540 | 1712.275 |
| #3 | 1202.904 | 1553.436 | 42323.17 | 7204.600 | 1715.361 |

Sample Name: O3678-03      Acquired: 07/21/2023 18:18:44      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.008993</b> | <b>-.006437</b> | <b>.0149728</b> | <b>.0033882</b> | <b>-.000518</b> | <b>.0497103</b> | <b>.0036179</b> |
| Stddev | .004680         | .002003         | .0014233        | .0033640        | .001935         | .0056046        | .0002145        |
| %RSD   | 52.04296        | 31.11114        | 9.505628        | 99.28544        | 373.4072        | 11.27450        | 5.927533        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003630</b> | <b>-.006247</b> | <b>.0162231</b> | <b>.0069027</b> | <b>-.002127</b> | <b>.0515083</b> | <b>.0038414</b> |
| #2 | <b>-.011097</b> | <b>-.004536</b> | <b>.0134239</b> | <b>.0030638</b> | <b>-.001056</b> | <b>.0434274</b> | <b>.0035984</b> |
| #3 | <b>-.012252</b> | <b>-.008528</b> | <b>.0152713</b> | <b>.0001982</b> | <b>.001629</b>  | <b>.0541953</b> | <b>.0034138</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000005</b> | <b>-.000153</b> | <b>3.583227</b> | <b>-.000329</b> | <b>-.000040</b> | <b>.0602461</b> | <b>.6621083</b> |
| Stddev | .000039         | .000017         | .035924         | .000356         | .000263         | .0015811        | .0095075        |
| %RSD   | 738.2966        | 11.24561        | 1.002547        | 108.3851        | 660.8163        | 2.624447        | 1.435941        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000016</b> | <b>-.000134</b> | <b>3.541750</b> | <b>-.000739</b> | <b>.000189</b>  | <b>.0619282</b> | <b>.6567520</b> |
| #2 | <b>.000038</b>  | <b>-.000157</b> | <b>3.603474</b> | <b>-.000092</b> | <b>.000019</b>  | <b>.0600198</b> | <b>.6730856</b> |
| #3 | <b>-.000037</b> | <b>-.000167</b> | <b>3.604457</b> | <b>-.000156</b> | <b>-.000328</b> | <b>.0587904</b> | <b>.6564874</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0053095</b> | <b>.5470079</b> | <b>.0004183</b> | <b>.0004340</b> | <b>.1843400</b> | <b>-.007074</b> | <b>2.325974</b> |
| Stddev | .0003664        | .0171367        | .0002064        | .0002080        | .1578037        | .001721         | .008252         |
| %RSD   | 6.901881        | 3.132816        | 49.34018        | 47.93954        | 85.60469        | 24.32437        | .3547648        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0051061</b> | <b>.5330960</b> | <b>.0005823</b> | <b>.0006651</b> | <b>.0207612</b> | <b>-.008122</b> | <b>2.321152</b> |
| #2 | <b>.0057325</b> | <b>.5661504</b> | <b>.0004861</b> | <b>.0002617</b> | <b>.3356527</b> | <b>-.008012</b> | <b>2.335502</b> |
| #3 | <b>.0050898</b> | <b>.5417772</b> | <b>.0001865</b> | <b>.0003751</b> | <b>.1966062</b> | <b>-.005088</b> | <b>2.321268</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1271769</b> | <b>5.350739</b> | <b>.2160972</b> | <b>.5295561</b> | <b>6.351533</b> | <b>.1036691</b> | <b>.0027972</b> |
| Stddev | .0598159        | .009233         | .0004879        | .0020909        | .013179         | .0024258        | .0007787        |
| %RSD   | 47.03365        | .1725466        | .2257889        | .3948368        | .2074873        | 2.339934        | 27.83977        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1949077</b> | <b>5.356387</b> | <b>.2157579</b> | <b>.5273622</b> | <b>6.336501</b> | <b>.1037953</b> | <b>.0031184</b> |
| #2 | <b>.0815920</b> | <b>5.355746</b> | <b>.2166563</b> | <b>.5297804</b> | <b>6.356998</b> | <b>.1060293</b> | <b>.0019092</b> |
| #3 | <b>.1050310</b> | <b>5.340085</b> | <b>.2158773</b> | <b>.5315258</b> | <b>6.361100</b> | <b>.1011827</b> | <b>.0033639</b> |

Sample Name: O3678-03      Acquired: 07/21/2023 18:18:44      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LWC-3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0149144 | -.000081 | .0012620 |
| Stddev | .0002911 | .000239  | .0000690 |
| %RSD   | 1.951532 | 296.5022 | 5.468557 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0152391 | -.000342 | .0012950 |
| #2 | .0146770 | .000129  | .0013083 |
| #3 | .0148271 | -.000030 | .0011827 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1192.527 | 1533.112 | 41806.31 | 7174.797 | 1723.246 |
| Stddev    | 4.710    | 4.046    | 123.90   | 27.672   | 3.505    |
| %RSD      | .3949595 | .2639070 | .2963722 | .3856792 | .2033786 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1192.719 | 1534.982 | 41718.39 | 7176.200 | 1723.287 |
| #2 | 1187.724 | 1528.470 | 41752.52 | 7146.450 | 1719.721 |
| #3 | 1197.138 | 1535.885 | 41948.01 | 7201.740 | 1726.730 |

Sample Name: O3681-01      Acquired: 07/21/2023 18:22:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-1-CS-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0196894 | .0032648 | .2723508 | -.016725 | .0011992 | 43.95926 | .5059484 |
| Stddev | .0049172 | .0030728 | .0033495 | .012620  | .0007452 | .20164   | .0019793 |
| %RSD   | 24.97412 | 94.11947 | 1.229846 | 75.45731 | 62.14495 | .4587034 | .3911997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0236579 | .0028049 | .2755746 | -.002578 | .0020173 | 43.79735 | .5037900 |
| #2 | .0141884 | .0065417 | .2725893 | -.026825 | .0005592 | 43.89532 | .5063768 |
| #3 | .0212219 | .0004479 | .2688884 | -.020771 | .0010210 | 44.18512 | .5076783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026659 | .0015392 | 92.72756 | .1195759 | .0533845 | .1037735 | 88.68391 |
| Stddev | .0000174 | .0001076 | .54607   | .0006539 | .0001719 | .0035639 | .51691   |
| %RSD   | .6540240 | 6.987702 | .5889010 | .5468692 | .3220380 | 3.434331 | .5828644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026482 | .0014273 | 92.17649 | .1202849 | .0535277 | .1078795 | 88.27517 |
| #2 | .0026831 | .0016418 | 92.73770 | .1189964 | .0534320 | .1019586 | 88.51159 |
| #3 | .0026664 | .0015484 | 93.26850 | .1194465 | .0531938 | .1014823 | 89.26496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.454673 | 64.21388 | .2043601 | -.002982 | 2.343421 | .1410811 | .4049304 |
| Stddev | .008725  | .39054   | .0006229 | .000269  | .222073  | .0009452 | .0027587 |
| %RSD   | .5997996 | .6081798 | .3047918 | 9.035674 | 9.476466 | .6699890 | .6812681 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.447812 | 63.89791 | .2042289 | -.003013 | 2.592349 | .1410245 | .4078703 |
| #2 | 1.451713 | 64.09322 | .2038133 | -.003234 | 2.272274 | .1401655 | .4023984 |
| #3 | 1.464493 | 64.65050 | .2050381 | -.002698 | 2.165640 | .1420533 | .4045224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.41203 | 2.496372 | -.010609 | .0005412 | 1.912424 | 3.434429 | .0120971 |
| Stddev | .06424   | .004855  | .002530  | .0003973 | .008236  | .008724  | .0009323 |
| %RSD   | .3309452 | .1944654 | 23.84476 | 73.40241 | .4306340 | .2540064 | 7.706602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.48618 | 2.495225 | -.011788 | .0006908 | 1.909261 | 3.442840 | .0124818 |
| #2 | 19.37657 | 2.492194 | -.012335 | .0000909 | 1.906239 | 3.425423 | .0110341 |
| #3 | 19.37333 | 2.501698 | -.007705 | .0008420 | 1.921772 | 3.435025 | .0127756 |

Sample Name: O3681-01      Acquired: 07/21/2023 18:22:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-1-CS-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.285497</b> | <b>.0806255</b> | <b>.1026053</b> |
| Stddev | .022276         | .0010736        | .0002713        |
| %RSD   | .6780143        | 1.331638        | .2643815        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.271297</b> | <b>.0818610</b> | <b>.1028237</b> |
| #2 | <b>3.274024</b> | <b>.0800964</b> | <b>.1023017</b> |
| #3 | <b>3.311171</b> | <b>.0799191</b> | <b>.1026905</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1233.808</b> | <b>1586.531</b> | <b>43278.27</b> | <b>7626.761</b> | <b>1602.504</b> |
| Stddev    | 3.840           | 4.162           | 135.24          | 13.671          | 2.081           |
| %RSD      | .3112699        | .2623271        | .3124845        | .1792475        | .1298836        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1230.445</b> | <b>1591.184</b> | <b>43283.46</b> | <b>7612.243</b> | <b>1602.503</b> |
| #2 | <b>1232.986</b> | <b>1583.166</b> | <b>43140.52</b> | <b>7639.388</b> | <b>1604.586</b> |
| #3 | <b>1237.993</b> | <b>1585.242</b> | <b>43410.85</b> | <b>7628.653</b> | <b>1600.423</b> |

Sample Name: O3681-04      Acquired: 07/21/2023 18:26:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-2-CS-2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0255829 | .0023979 | .3364851 | -.015032 | .0037483 | 45.73327 | .5203487 |
| Stddev | .0043919 | .0031062 | .0020660 | .001420  | .0022431 | .03209   | .0017021 |
| %RSD   | 17.16716 | 129.5407 | .6139839 | 9.443390 | 59.84337 | .0701703 | .3271125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0218688 | .0039530 | .3388694 | -.015570 | .0024976 | 45.70565 | .5187482 |
| #2 | .0244497 | .0044194 | .3352262 | -.013422 | .0063380 | 45.76847 | .5221369 |
| #3 | .0304304 | -.001179 | .3353598 | -.016104 | .0024095 | 45.72570 | .5201608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030729 | .0019920 | 105.1754 | .1317856 | .0614790 | .1369036 | 99.45331 |
| Stddev | .0000694 | .0001359 | .3168    | .0011474 | .0003544 | .0032077 | .12666   |
| %RSD   | 2.259629 | 6.823368 | .3012070 | .8706771 | .5763831 | 2.343021 | .1273596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030259 | .0018367 | 104.8250 | .1330245 | .0615141 | .1392501 | 99.35264 |
| #2 | .0031527 | .0020893 | 105.4415 | .1315728 | .0618145 | .1332485 | 99.59553 |
| #3 | .0030403 | .0020500 | 105.2598 | .1307594 | .0611084 | .1382121 | 99.41176 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.800907 | 62.03515 | .2872248 | -.002782 | 1.917215 | .1518619 | .4828938 |
| Stddev | .006456  | .28543   | .0006157 | .000275  | .238324  | .0024095 | .0007884 |
| %RSD   | .3584636 | .4601153 | .2143495 | 9.895061 | 12.43074 | 1.586634 | .1632651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.793619 | 61.78941 | .2876349 | -.002500 | 1.658934 | .1546441 | .4821639 |
| #2 | 1.805908 | 61.96781 | .2875227 | -.002797 | 1.964096 | .1504550 | .4827875 |
| #3 | 1.803193 | 62.34823 | .2865169 | -.003050 | 2.128615 | .1504867 | .4837299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.73132 | 2.850819 | .2507837 | .0005967 | 1.896645 | 3.352135 | .0175080 |
| Stddev | .11358   | .006909  | .0025891 | .0001878 | .014405  | .004516  | .0002751 |
| %RSD   | .6063566 | .2423492 | 1.032416 | 31.46784 | .7594734 | .1347326 | 1.571537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.64280 | 2.854307 | .2515128 | .0004913 | 1.912986 | 3.347794 | .0172547 |
| #2 | 18.85938 | 2.855289 | .2529302 | .0004853 | 1.891160 | 3.351803 | .0174686 |
| #3 | 18.69177 | 2.842862 | .2479083 | .0008135 | 1.885788 | 3.356809 | .0178007 |

Sample Name: O3681-04      Acquired: 07/21/2023 18:26:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-2-CS-2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.403482</b> | <b>.0832704</b> | <b>.1267162</b> |
| Stddev | .001302         | .0017517        | .0005722        |
| %RSD   | .0382444        | 2.103677        | .4515932        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.404878</b> | <b>.0817847</b> | <b>.1265774</b> |
| #2 | <b>3.402302</b> | <b>.0852020</b> | <b>.1273451</b> |
| #3 | <b>3.403264</b> | <b>.0828246</b> | <b>.1262261</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1232.397</b> | <b>1590.554</b> | <b>43151.93</b> | <b>7539.054</b> | <b>1604.649</b> |
| Stddev    | 6.061           | 5.445           | 170.90          | 23.445          | 5.639           |
| %RSD      | .4917746        | .3423535        | .3960540        | .3109847        | .3514247        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1226.880</b> | <b>1587.608</b> | <b>42969.98</b> | <b>7514.608</b> | <b>1598.903</b> |
| #2 | <b>1238.884</b> | <b>1587.215</b> | <b>43176.71</b> | <b>7541.203</b> | <b>1604.869</b> |
| #3 | <b>1231.427</b> | <b>1596.837</b> | <b>43309.08</b> | <b>7561.351</b> | <b>1610.175</b> |

Sample Name: O3681-07      Acquired: 07/21/2023 18:30:43      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-3-CS-3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0216186 | .0032123 | .2706906 | -.018525 | .0020844 | 44.81891 | .5223836 |
| Stddev | .0054140 | .0012976 | .0034369 | .004047  | .0011839 | .33645   | .0054721 |
| %RSD   | 25.04327 | 40.39398 | 1.269697 | 21.84429 | 56.79988 | .7506982 | 1.047522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0187258 | .0032506 | .2668932 | -.014385 | .0017885 | 45.20675 | .5286343 |
| #2 | .0182655 | .0044902 | .2735879 | -.018718 | .0010765 | 44.64465 | .5200585 |
| #3 | .0278645 | .0018960 | .2715907 | -.022471 | .0033882 | 44.60533 | .5184580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029803 | .0018618 | 62.98162 | .1292659 | .0597719 | .1318573 | 102.0905 |
| Stddev | .0000542 | .0001146 | .44657   | .0011757 | .0004350 | .0010022 | .8071    |
| %RSD   | 1.816753 | 6.152824 | .7090538 | .9095510 | .7276985 | .7600236 | .7905284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030385 | .0017789 | 63.49165 | .1282378 | .0593929 | .1329689 | 103.0224 |
| #2 | .0029314 | .0019925 | 62.79242 | .1305478 | .0596759 | .1315799 | 101.6224 |
| #3 | .0029711 | .0018140 | 62.66079 | .1290121 | .0602468 | .1310230 | 101.6267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.567262 | 49.37114 | .2340504 | -.003205 | 2.316236 | .1530156 | .4239707 |
| Stddev | .013491  | .35898   | .0012166 | .000147  | .135774  | .0021558 | .0036417 |
| %RSD   | .8608252 | .7271122 | .5197894 | 4.589202 | 5.861843 | 1.408844 | .8589409 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.582809 | 49.77426 | .2326618 | -.003081 | 2.242087 | .1551044 | .4204110 |
| #2 | 1.560352 | 49.08599 | .2349286 | -.003167 | 2.472940 | .1531437 | .4276892 |
| #3 | 1.558626 | 49.25316 | .2345607 | -.003367 | 2.233682 | .1507986 | .4238118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.53680 | 2.129167 | -.017416 | .0027390 | 1.850703 | 4.142144 | .0157803 |
| Stddev | .20240   | .003407  | .002053  | .0002886 | .005279  | .026346  | .0024145 |
| %RSD   | 1.035972 | .1600218 | 11.78728 | 10.53582 | .2852681 | .6360513 | 15.30048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.75802 | 2.129539 | -.017812 | .0028733 | 1.844800 | 4.162998 | .0139976 |
| #2 | 19.49147 | 2.125589 | -.015194 | .0024077 | 1.854971 | 4.112535 | .0148152 |
| #3 | 19.36092 | 2.132372 | -.019241 | .0029359 | 1.852340 | 4.150898 | .0185280 |

Sample Name: O3681-07      Acquired: 07/21/2023 18:30:43      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-3-CS-3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.615652</b> | <b>.0862110</b> | <b>.0688852</b> |
| Stddev | .023713         | .0015892        | .0005322        |
| %RSD   | .6558554        | 1.843373        | .7725141        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.643021</b> | <b>.0851885</b> | <b>.0694670</b> |
| #2 | <b>3.602676</b> | <b>.0854025</b> | <b>.0687655</b> |
| #3 | <b>3.601257</b> | <b>.0880418</b> | <b>.0684231</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1242.601</b> | <b>1597.511</b> | <b>43245.01</b> | <b>7466.280</b> | <b>1619.151</b> |
| Stddev    | 6.875           | 2.499           | 182.77          | 80.093          | 2.845           |
| %RSD      | .5532380        | .1564065        | .4226272        | 1.072724        | .1757350        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1249.576</b> | <b>1596.807</b> | <b>43455.50</b> | <b>7374.045</b> | <b>1618.124</b> |
| #2 | <b>1235.831</b> | <b>1595.441</b> | <b>43152.99</b> | <b>7518.259</b> | <b>1616.961</b> |
| #3 | <b>1242.396</b> | <b>1600.287</b> | <b>43126.55</b> | <b>7506.536</b> | <b>1622.367</b> |

Sample Name: O3681-10      Acquired: 07/21/2023 18:34:41      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-4-CS-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0175662</b> | <b>.0037425</b> | <b>.2963919</b> | <b>-.023583</b> | <b>.0015234</b> | <b>47.54059</b> | <b>.5670508</b> |
| Stddev | .0007166        | .0005021        | .0017173        | .003637         | .0008857        | .23408          | .0017736        |
| %RSD   | 4.079190        | 13.41710        | .5793946        | 15.42285        | 58.13910        | .4923694        | .3127805        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0172145</b> | <b>.0043060</b> | <b>.2971696</b> | <b>-.023951</b> | <b>.0025199</b> | <b>47.38226</b> | <b>.5660400</b> |
| #2 | <b>.0170935</b> | <b>.0033426</b> | <b>.2975827</b> | <b>-.027023</b> | <b>.0012245</b> | <b>47.80947</b> | <b>.5690987</b> |
| #3 | <b>.0183907</b> | <b>.0035788</b> | <b>.2944233</b> | <b>-.019776</b> | <b>.0008259</b> | <b>47.43005</b> | <b>.5660135</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0028621</b> | <b>.0020652</b> | <b>110.1418</b> | <b>.1367066</b> | <b>.0664692</b> | <b>.1400548</b> | <b>101.2852</b> |
| Stddev | .0000925        | .0002135        | .4799           | .0005137        | .0005787        | .0017277        | .3134           |
| %RSD   | 3.232644        | 10.33975        | .4357020        | .3757827        | .8706705        | 1.233593        | .3093978        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0029644</b> | <b>.0022616</b> | <b>109.6085</b> | <b>.1372086</b> | <b>.0669041</b> | <b>.1391167</b> | <b>100.9313</b> |
| #2 | <b>.0027844</b> | <b>.0018379</b> | <b>110.2778</b> | <b>.1361820</b> | <b>.0658123</b> | <b>.1420487</b> | <b>101.3965</b> |
| #3 | <b>.0028375</b> | <b>.0020962</b> | <b>110.5390</b> | <b>.1367293</b> | <b>.0666912</b> | <b>.1389991</b> | <b>101.5276</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.912847</b> | <b>63.24262</b> | <b>.2712568</b> | <b>-.003188</b> | <b>2.042503</b> | <b>.1557945</b> | <b>.4615992</b> |
| Stddev | .011548         | .38961          | .0004530        | .000828         | .012390         | .0028409        | .0015072        |
| %RSD   | .6037280        | .6160514        | .1669955        | 25.98684        | .6065946        | 1.823497        | .3265187        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.899581</b> | <b>62.82146</b> | <b>.2707351</b> | <b>-.003492</b> | <b>2.037649</b> | <b>.1525201</b> | <b>.4631979</b> |
| #2 | <b>1.918307</b> | <b>63.31625</b> | <b>.2715512</b> | <b>-.003821</b> | <b>2.033275</b> | <b>.1572589</b> | <b>.4613954</b> |
| #3 | <b>1.920654</b> | <b>63.59016</b> | <b>.2714839</b> | <b>-.002250</b> | <b>2.056585</b> | <b>.1576044</b> | <b>.4602042</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>22.68424</b> | <b>2.760733</b> | <b>-.015213</b> | <b>.0011939</b> | <b>1.747449</b> | <b>3.477543</b> | <b>.0121735</b> |
| Stddev | .06149          | .006255         | .001116         | .0000719        | .013233         | .020098         | .0022084        |
| %RSD   | .2710806        | .2265528        | 7.336453        | 6.023735        | .7572588        | .5779402        | 18.14064        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>22.64503</b> | <b>2.754614</b> | <b>-.016301</b> | <b>.0011273</b> | <b>1.748197</b> | <b>3.486037</b> | <b>.0112537</b> |
| #2 | <b>22.75511</b> | <b>2.767114</b> | <b>-.014071</b> | <b>.0011843</b> | <b>1.733858</b> | <b>3.454592</b> | <b>.0105737</b> |
| #3 | <b>22.65258</b> | <b>2.760470</b> | <b>-.015266</b> | <b>.0012702</b> | <b>1.760292</b> | <b>3.491999</b> | <b>.0146931</b> |

Sample Name: O3681-10      Acquired: 07/21/2023 18:34:41      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-4-CS-4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.780049</b> | <b>.0942912</b> | <b>.1427294</b> |
| Stddev | .019921         | .0017292        | .0010551        |
| %RSD   | .5270078        | 1.833872        | .7392313        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.765680</b> | <b>.0923358</b> | <b>.1427704</b> |
| #2 | <b>3.802790</b> | <b>.0949187</b> | <b>.1437634</b> |
| #3 | <b>3.771677</b> | <b>.0956189</b> | <b>.1416543</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1225.608</b> | <b>1594.517</b> | <b>42960.02</b> | <b>7613.611</b> | <b>1580.032</b> |
| Stddev    | 3.386           | 4.726           | 103.26          | 7.317           | 3.120           |
| %RSD      | .2763086        | .2963982        | .2403600        | .0961078        | .1974869        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1223.905</b> | <b>1589.098</b> | <b>42850.61</b> | <b>7618.566</b> | <b>1576.490</b> |
| #2 | <b>1223.411</b> | <b>1597.784</b> | <b>42973.69</b> | <b>7617.060</b> | <b>1582.376</b> |
| #3 | <b>1229.508</b> | <b>1596.670</b> | <b>43055.76</b> | <b>7605.207</b> | <b>1581.229</b> |

Sample Name: CCV04      Acquired: 07/21/2023 18:38:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.051582 | 4.986599 | 5.075892 | 5.169975 | 5.167998 | 10.04063 | 10.03904 |
| Stddev | .028459  | .031150  | .026547  | .023038  | .014306  | .07543   | .03464   |
| %RSD   | .5633682 | .6246660 | .5230047 | .4456041 | .2768209 | .7512624 | .3450509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.036267 | 4.972041 | 5.060481 | 5.166271 | 5.158891 | 9.96688  | 10.03935 |
| #2 | 5.034061 | 4.965394 | 5.060649 | 5.149014 | 5.160617 | 10.11764 | 10.00424 |
| #3 | 5.084419 | 5.022362 | 5.106546 | 5.194641 | 5.184488 | 10.03736 | 10.07352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2552445 | 2.539577 | 25.42252 | 1.013592 | 2.529142 | 1.209400 | 5.108176 |
| Stddev | .0001433 | .012106  | .15468   | .002480  | .012093  | .006785  | .024142  |
| %RSD   | .0561446 | .4766805 | .6084238 | .2446826 | .4781525 | .5610060 | .4726137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2551275 | 2.533218 | 25.24462 | 1.014785 | 2.521791 | 1.203183 | 5.080490 |
| #2 | .2554043 | 2.531976 | 25.52522 | 1.010740 | 2.522535 | 1.216637 | 5.119196 |
| #3 | .2552017 | 2.553537 | 25.49771 | 1.015249 | 2.543099 | 1.208381 | 5.124841 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.517939 | 25.17126 | 2.535742 | 1.298130 | 24.53671 | 2.507644 | 2.596249 |
| Stddev | .021940  | .23478   | .010248  | .008727  | .11898   | .012303  | .013047  |
| %RSD   | .8713622 | .9327119 | .4041415 | .6722865 | .4849113 | .4906328 | .5025219 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.492747 | 24.90173 | 2.530875 | 1.289305 | 24.39933 | 2.493453 | 2.581272 |
| #2 | 2.532855 | 25.33122 | 2.528835 | 1.306756 | 24.60701 | 2.514167 | 2.605144 |
| #3 | 2.528216 | 25.28084 | 2.547517 | 1.298328 | 24.60377 | 2.515313 | 2.602332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.64533 | 4.975820 | 5.030988 | 5.168563 | 4.997095 | 4.952955 | 5.114764 |
| Stddev | .11800   | .024776  | .009375  | .026245  | .023838  | .011703  | .030246  |
| %RSD   | .4787849 | .4979194 | .1863451 | .5077766 | .4770276 | .2362898 | .5913510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.60824 | 4.973328 | 5.024091 | 5.151991 | 4.972336 | 4.940620 | 5.089385 |
| #2 | 24.77742 | 4.952385 | 5.041662 | 5.154876 | 4.999059 | 4.963903 | 5.106675 |
| #3 | 24.55033 | 5.001748 | 5.027210 | 5.198822 | 5.019890 | 4.954340 | 5.148233 |

Sample Name: CCV04      Acquired: 07/21/2023 18:38:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.951572 | 5.039837 | 4.950037 |
| Stddev | .031824  | .008079  | .046180  |
| %RSD   | .6427038 | .1603063 | .9329145 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.919407 | 5.030607 | 4.909802 |
| #2 | 4.983043 | 5.045626 | 5.000460 |
| #3 | 4.952265 | 5.043279 | 4.939849 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1157.712 | 1504.810 | 40500.14 | 7045.921 | 1612.611 |
| Stddev    | 6.907    | 3.360    | 135.65   | 16.950   | 3.854    |
| %RSD      | .5965982 | .2232809 | .3349349 | .2405713 | .2390198 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1164.525 | 1505.029 | 40622.21 | 7045.900 | 1612.312 |
| #2 | 1150.715 | 1508.055 | 40354.11 | 7028.980 | 1616.607 |
| #3 | 1157.896 | 1501.346 | 40524.12 | 7062.881 | 1608.915 |

Sample Name: CCB04      Acquired: 07/21/2023 18:42:37      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004420</b> | <b>-.001615</b> | <b>.0008826</b> | <b>-.000739</b> | <b>-.000114</b> | <b>.0028638</b> | <b>.0009850</b> |
| Stddev | .006482         | .002065         | .0002185        | .003555         | .001927         | .0063515        | .0001672        |
| %RSD   | 146.6519        | 127.8662        | 24.75831        | 481.1591        | 1690.090        | 221.7818        | 16.97022        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001669</b> | <b>-.003944</b> | <b>.0006678</b> | <b>-.001355</b> | <b>.002101</b>  | <b>.0078818</b> | <b>.0007922</b> |
| #2 | <b>-.011824</b> | <b>-.000890</b> | <b>.0011047</b> | <b>.003084</b>  | <b>-.001036</b> | <b>.0049870</b> | <b>.0010888</b> |
| #3 | <b>.000233</b>  | <b>-.000010</b> | <b>.0008755</b> | <b>-.003946</b> | <b>-.001407</b> | <b>-.004277</b> | <b>.0010740</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000579</b> | <b>.0000889</b> | <b>-.001524</b> | <b>.0003627</b> | <b>-.000091</b> | <b>-.001551</b> | <b>-.000730</b> |
| Stddev | .0000164        | .0000432        | .012783         | .0005325        | .000303         | .001902         | .004117         |
| %RSD   | 28.26780        | 48.60191        | 838.6843        | 146.8160        | 331.7293        | 122.6712        | 563.6609        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000707</b> | <b>.0001173</b> | <b>.007667</b>  | <b>.0000366</b> | <b>.000163</b>  | <b>.000405</b>  | <b>-.001172</b> |
| #2 | <b>.0000394</b> | <b>.0000392</b> | <b>-.016122</b> | <b>.0009771</b> | <b>-.000427</b> | <b>-.003395</b> | <b>-.004608</b> |
| #3 | <b>.0000635</b> | <b>.0001101</b> | <b>.003882</b>  | <b>.0000743</b> | <b>-.000010</b> | <b>-.001662</b> | <b>.003589</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000074</b> | <b>-.015287</b> | <b>.0001787</b> | <b>-.000274</b> | <b>-.165713</b> | <b>-.000768</b> | <b>.0003505</b> |
| Stddev | .000648         | .008683         | .0002279        | .000153         | .140835         | .001258         | .0000585        |
| %RSD   | 872.3639        | 56.80009        | 127.5572        | 55.93235        | 84.98748        | 163.8154        | 16.69100        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000064</b> | <b>-.005618</b> | <b>.0000875</b> | <b>-.000164</b> | <b>-.310641</b> | <b>-.001717</b> | <b>.0003173</b> |
| #2 | <b>.000568</b>  | <b>-.022419</b> | <b>.0000105</b> | <b>-.000449</b> | <b>-.029363</b> | <b>-.001247</b> | <b>.0003161</b> |
| #3 | <b>-.000728</b> | <b>-.017823</b> | <b>.0004381</b> | <b>-.000210</b> | <b>-.157134</b> | <b>.000659</b>  | <b>.0004180</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0056606</b> | <b>-.000850</b> | <b>-.002094</b> | <b>.0007761</b> | <b>.0012627</b> | <b>.0034722</b> | <b>-.001605</b> |
| Stddev | .0311203        | .002462         | .000646         | .0005357        | .0065983        | .0010298        | .000304         |
| %RSD   | 549.7703        | 289.7262        | 30.84437        | 69.02445        | 522.5723        | 29.65998        | 18.92720        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004544</b> | <b>-.002802</b> | <b>-.001463</b> | <b>.0013856</b> | <b>.0081093</b> | <b>.0045556</b> | <b>-.001799</b> |
| #2 | <b>.040602</b>  | <b>-.001664</b> | <b>-.002065</b> | <b>.0005625</b> | <b>-.005056</b> | <b>.0025059</b> | <b>-.001255</b> |
| #3 | <b>-.019076</b> | <b>.001916</b>  | <b>-.002753</b> | <b>.0003801</b> | <b>.000734</b>  | <b>.0033551</b> | <b>-.001760</b> |

Sample Name: CCB04      Acquired: 07/21/2023 18:42:37      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008932 | .0012654 | .0002830 |
| Stddev | .0007790 | .0007656 | .0000777 |
| %RSD   | 87.21350 | 60.50074 | 27.45394 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0014953 | .0008224 | .0001938 |
| #2 | .0011710 | .0021494 | .0003192 |
| #3 | .0000134 | .0008244 | .0003359 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1179.458 | 1515.484 | 41179.02 | 7031.257 | 1678.913 |
| Stddev    | 7.938    | 36.551   | 155.86   | 15.779   | 37.986   |
| %RSD      | .6729982 | 2.411811 | .3784913 | .2244108 | 2.262529 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1172.015 | 1535.719 | 41099.11 | 7037.050 | 1699.040 |
| #2 | 1178.547 | 1473.290 | 41079.32 | 7013.400 | 1635.099 |
| #3 | 1187.812 | 1537.442 | 41358.63 | 7043.320 | 1702.600 |

Sample Name: O3681-13      Acquired: 07/21/2023 18:46:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-5-CS-5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0250348 | .0016352 | .3504570 | -.013819 | .0035115 | 47.36125 | .5377415 |
| Stddev | .0038023 | .0007880 | .0036042 | .004286  | .0001674 | .44194   | .0029864 |
| %RSD   | 15.18802 | 48.18780 | 1.028444 | 31.01387 | 4.767361 | .9331289 | .5553674 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0285101 | .0007395 | .3541296 | -.018476 | .0033185 | 46.90233 | .5343362 |
| #2 | .0256208 | .0022214 | .3503164 | -.010040 | .0036175 | 47.78398 | .5399149 |
| #3 | .0209736 | .0019448 | .3469252 | -.012942 | .0035985 | 47.39744 | .5389735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031854 | .0020242 | 89.96786 | .1355422 | .0684558 | .1509470 | 105.1823 |
| Stddev | .0000229 | .0001090 | .61508   | .0006110 | .0006423 | .0004228 | .8803    |
| %RSD   | .7206229 | 5.382200 | .6836714 | .4508069 | .9382091 | .2800696 | .8369520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031602 | .0019934 | 89.26029 | .1354986 | .0689181 | .1513832 | 104.1706 |
| #2 | .0032052 | .0019340 | 90.37492 | .1361739 | .0687268 | .1505392 | 105.7736 |
| #3 | .0031908 | .0021453 | 90.26838 | .1349541 | .0677225 | .1509184 | 105.6027 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.829230 | 71.24220 | .3484449 | -.003620 | .9441604 | .1649196 | .5097544 |
| Stddev | .011906  | .53967   | .0006652 | .000471  | .0491178 | .0013807 | .0051732 |
| %RSD   | .6508780 | .7575161 | .1909014 | 13.01812 | 5.202271 | .8371820 | 1.014843 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.815965 | 70.64301 | .3490823 | -.003753 | .9269690 | .1644900 | .5106950 |
| #2 | 1.838992 | 71.69002 | .3484974 | -.004010 | .9059490 | .1664640 | .5041754 |
| #3 | 1.832733 | 71.39358 | .3477551 | -.003096 | .9995631 | .1638048 | .5143928 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.91332 | 2.675248 | -.011249 | .0012065 | 2.205304 | 3.411685 | .0167652 |
| Stddev | .09577   | .015658  | .001070  | .0006370 | .013942  | .015842  | .0017336 |
| %RSD   | .5063459 | .5852731 | 9.510608 | 52.80036 | .6322028 | .4643551 | 10.34037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.83168 | 2.693025 | -.012483 | .0006033 | 2.210173 | 3.393658 | .0186798 |
| #2 | 19.01874 | 2.669210 | -.010693 | .0018727 | 2.216158 | 3.418010 | .0153018 |
| #3 | 18.88954 | 2.663509 | -.010573 | .0011435 | 2.189580 | 3.423388 | .0163141 |

Sample Name: O3681-13      Acquired: 07/21/2023 18:46:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-5-CS-5      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.323778</b> | <b>.0907194</b> | <b>.0967328</b> |
| Stddev | .031486         | .0009037        | .0007583        |
| %RSD   | .9472856        | .9961861        | .7838797        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.293323</b> | <b>.0896953</b> | <b>.0966802</b> |
| #2 | <b>3.356202</b> | <b>.0914051</b> | <b>.0975161</b> |
| #3 | <b>3.321810</b> | <b>.0910577</b> | <b>.0960023</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1240.580</b> | <b>1601.918</b> | <b>43472.63</b> | <b>7653.128</b> | <b>1595.093</b> |
| Stddev    | 13.021          | 3.166           | 101.97          | 9.276           | 2.205           |
| %RSD      | 1.049620        | .1976147        | .2345642        | .1211990        | .1382209        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1237.403</b> | <b>1604.983</b> | <b>43356.49</b> | <b>7662.812</b> | <b>1592.548</b> |
| #2 | <b>1254.896</b> | <b>1598.660</b> | <b>43513.91</b> | <b>7652.249</b> | <b>1596.317</b> |
| #3 | <b>1229.441</b> | <b>1602.110</b> | <b>43547.49</b> | <b>7644.323</b> | <b>1596.414</b> |

Sample Name: O3681-16      Acquired: 07/21/2023 18:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-6-CS-6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205610 | .0036375 | .3368892 | -.014592 | .0017948 | 46.52957 | .5139310 |
| Stddev | .0085409 | .0018326 | .0042783 | .007348  | .0014341 | .59571   | .0050265 |
| %RSD   | 41.53948 | 50.38125 | 1.269933 | 50.35733 | 79.89947 | 1.280283 | .9780466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0188119 | .0053781 | .3417391 | -.014648 | .0033366 | 45.84757 | .5083228 |
| #2 | .0130300 | .0038094 | .3336505 | -.021912 | .0015471 | 46.79293 | .5154406 |
| #3 | .0298410 | .0017250 | .3352778 | -.007216 | .0005008 | 46.94820 | .5180297 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031259 | .0019149 | 212.2726 | .1372667 | .0630557 | .1532977 | 103.1419 |
| Stddev | .0000654 | .0002147 | 2.2154   | .0012313 | .0001908 | .0023529 | .9328    |
| %RSD   | 2.091309 | 11.20972 | 1.043666 | .8970261 | .3025179 | 1.534861 | .9044037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030844 | .0021609 | 209.7495 | .1385559 | .0630436 | .1506674 | 102.1701 |
| #2 | .0030921 | .0018177 | 213.1686 | .1371415 | .0632522 | .1540235 | 103.2256 |
| #3 | .0032012 | .0017660 | 213.8996 | .1361028 | .0628713 | .1552022 | 104.0301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.766230 | 144.8031 | .2723102 | -.004358 | 1.439203 | .1571558 | .5031676 |
| Stddev | .020169  | 1.4333   | .0006941 | .000553  | .134998  | .0021625 | .0033705 |
| %RSD   | 1.141902 | .9898258 | .2548937 | 12.67770 | 9.380036 | 1.376008 | .6698472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.744710 | 143.1607 | .2718087 | -.004848 | 1.556298 | .1568634 | .5069017 |
| #2 | 1.769282 | 145.4474 | .2731024 | -.003760 | 1.469767 | .1551544 | .5022507 |
| #3 | 1.784699 | 145.8011 | .2720195 | -.004467 | 1.291543 | .1594496 | .5003506 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.58637 | 2.500514 | -.007222 | .0032977 | 2.310520 | 2.311128 | .0102384 |
| Stddev | .20595   | .005228  | .002462  | .0003785 | .003800  | .018936  | .0011981 |
| %RSD   | 1.051485 | .2090933 | 34.09255 | 11.47699 | .1644722 | .8193595 | 11.70153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.35036 | 2.501938 | -.005177 | .0028640 | 2.313199 | 2.290721 | .0089308 |
| #2 | 19.67904 | 2.494721 | -.009955 | .0034678 | 2.312190 | 2.328132 | .0105012 |
| #3 | 19.72970 | 2.504883 | -.006534 | .0035613 | 2.306171 | 2.314533 | .0112832 |

Sample Name: O3681-16      Acquired: 07/21/2023 18:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-6-CS-6      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.563103</b> | <b>.0883163</b> | <b>.1000435</b> |
| Stddev | .032229         | .0006096        | .0014956        |
| %RSD   | .9045184        | .6901869        | 1.494902        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.525908</b> | <b>.0878579</b> | <b>.0983556</b> |
| #2 | <b>3.580634</b> | <b>.0890080</b> | <b>.1012037</b> |
| #3 | <b>3.582766</b> | <b>.0880829</b> | <b>.1005712</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1184.787</b> | <b>1538.741</b> | <b>41611.87</b> | <b>7466.143</b> | <b>1524.169</b> |
| Stddev    | 8.414           | 4.343           | 191.19          | 50.055          | 3.375           |
| %RSD      | .7102064        | .2822169        | .4594581        | .6704290        | .2214615        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1175.614 | 1543.751 | 41391.14 | 7523.806 | 1522.174 |
| #2 | 1192.146 | 1536.432 | 41725.87 | 7433.882 | 1522.267 |
| #3 | 1186.603 | 1536.042 | 41718.59 | 7440.741 | 1528.066 |

Sample Name: O3681-19      Acquired: 07/21/2023 18:54:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-7-CS-7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0207394 | .0057582 | .3106396 | -.015948 | .0047859 | 48.70529 | .5523426 |
| Stddev | .0084692 | .0009339 | .0002337 | .007534  | .0043209 | .22461   | .0031340 |
| %RSD   | 40.83645 | 16.21893 | .0752347 | 47.23951 | 90.28432 | .4611593 | .5673983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0220063 | .0067947 | .3103701 | -.017160 | .0011382 | 48.48534 | .5489360 |
| #2 | .0117081 | .0049823 | .3107621 | -.022802 | .0036617 | 48.69624 | .5529884 |
| #3 | .0285039 | .0054975 | .3107865 | -.007881 | .0095578 | 48.93428 | .5551034 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032820 | .0024296 | 312.2790 | .1344440 | .0838117 | .1773067 | 115.0054 |
| Stddev | .0000414 | .0000833 | 1.2105   | .0001539 | .0004297 | .0010420 | .3865    |
| %RSD   | 1.261331 | 3.429697 | .3876322 | .1144744 | .5126680 | .5876975 | .3360690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032614 | .0023560 | 310.9869 | .1343436 | .0839956 | .1777348 | 114.6385 |
| #2 | .0033296 | .0025201 | 312.4634 | .1346211 | .0833206 | .1761189 | 114.9688 |
| #3 | .0032549 | .0024127 | 313.3868 | .1343671 | .0841188 | .1780666 | 115.4089 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.231595 | 184.0917 | .2877941 | -.003588 | 1.910867 | .1584809 | .4707742 |
| Stddev | .010647  | .7424    | .0011092 | .000126  | .088948  | .0033136 | .0026127 |
| %RSD   | .4770870 | .4033008 | .3854194 | 3.515834 | 4.654835 | 2.090852 | .5549716 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.219320 | 183.4350 | .2865389 | -.003649 | 1.832927 | .1546552 | .4708791 |
| #2 | 2.237145 | 183.9427 | .2882009 | -.003443 | 1.891911 | .1604517 | .4733328 |
| #3 | 2.238321 | 184.8973 | .2886424 | -.003672 | 2.007766 | .1603356 | .4681106 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.06429 | 3.681968 | -.014656 | .0014731 | 7.499780 | 4.814119 | .0101410 |
| Stddev | .08991   | .020658  | .003062  | .0001890 | .017991  | .040854  | .0009503 |
| %RSD   | .4075032 | .5610560 | 20.88885 | 12.82706 | .2398857 | .8486298 | 9.371269 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.01958 | 3.659496 | -.018162 | .0016879 | 7.498849 | 4.799860 | .0112383 |
| #2 | 22.00550 | 3.686277 | -.012510 | .0013988 | 7.482273 | 4.782305 | .0095839 |
| #3 | 22.16779 | 3.700132 | -.013298 | .0013326 | 7.518219 | 4.860191 | .0096008 |

Sample Name: O3681-19      Acquired: 07/21/2023 18:54:38      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-7-CS-7      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.543690</b> | <b>.0910143</b> | <b>.1906651</b> |
| Stddev | .007328         | .0002859        | .0015094        |
| %RSD   | .2067997        | .3141374        | .7916542        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.536891</b> | <b>.0909203</b> | <b>.1902809</b> |
| #2 | <b>3.542727</b> | <b>.0913353</b> | <b>.1893849</b> |
| #3 | <b>3.551452</b> | <b>.0907871</b> | <b>.1923295</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1176.757</b> | <b>1527.555</b> | <b>41901.62</b> | <b>7473.028</b> | <b>1481.518</b> |
| Stddev    | 5.938           | 3.874           | 166.56          | 19.594          | 1.993           |
| %RSD      | .5046055        | .2536281        | .3975087        | .2621915        | .1345262        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1170.915</b> | <b>1523.167</b> | <b>42028.08</b> | <b>7456.493</b> | <b>1482.122</b> |
| #2 | <b>1176.569</b> | <b>1528.996</b> | <b>41712.90</b> | <b>7494.669</b> | <b>1483.139</b> |
| #3 | <b>1182.786</b> | <b>1530.503</b> | <b>41963.89</b> | <b>7467.921</b> | <b>1479.293</b> |

Sample Name: O3681-22      Acquired: 07/21/2023 18:58:36      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-8-CS-8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223401 | .0051372 | .3465960 | -.011934 | .0026597 | 54.39802 | .6153649 |
| Stddev | .0013265 | .0043385 | .0024297 | .006792  | .0031220 | .28074   | .0018690 |
| %RSD   | 5.937981 | 84.45195 | .7010305 | 56.91223 | 117.3815 | .5160858 | .3037142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0238707 | .0018384 | .3452128 | -.008927 | .0010949 | 54.08666 | .6133281 |
| #2 | .0216284 | .0100517 | .3451737 | -.019710 | .0006295 | 54.63184 | .6170009 |
| #3 | .0215214 | .0035215 | .3494016 | -.007164 | .0062547 | 54.47556 | .6157657 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034648 | .0020482 | 71.56751 | .1773010 | .0822803 | .2516178 | 120.7210 |
| Stddev | .0000662 | .0002091 | .10205   | .0011316 | .0003750 | .0021654 | .3628    |
| %RSD   | 1.912079 | 10.20940 | .1425917 | .6382460 | .4557544 | .8605852 | .3005118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035347 | .0018773 | 71.46943 | .1767438 | .0819291 | .2511843 | 120.3028 |
| #2 | .0034568 | .0022814 | 71.55998 | .1765561 | .0822366 | .2539672 | 120.9090 |
| #3 | .0034030 | .0019860 | 71.67311 | .1786032 | .0826753 | .2497020 | 120.9512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.837944 | 60.25597 | .3130512 | -.004170 | 1.865104 | .1845226 | .5242622 |
| Stddev | .007248  | .21699   | .0002817 | .000137  | .186549  | .0034707 | .0036133 |
| %RSD   | .3943683 | .3601094 | .0900004 | 3.286250 | 10.00204 | 1.880910 | .6892133 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.829574 | 60.09513 | .3127595 | -.004308 | 1.891489 | .1850150 | .5261898 |
| #2 | 1.842086 | 60.17000 | .3130720 | -.004034 | 2.037055 | .1808319 | .5200939 |
| #3 | 1.842171 | 60.50277 | .3133219 | -.004169 | 1.666768 | .1877207 | .5265030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.39216 | 3.001152 | -.009210 | .0013321 | 1.745318 | 4.424403 | .0162048 |
| Stddev | .11956   | .005627  | .002657  | .0000120 | .008757  | .045691  | .0007775 |
| %RSD   | .5111321 | .1874817 | 28.85006 | .9013262 | .5017341 | 1.032712 | 4.797953 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.28426 | 3.007086 | -.010994 | .0013390 | 1.740891 | 4.467849 | .0159660 |
| #2 | 23.52070 | 2.995893 | -.010480 | .0013391 | 1.739659 | 4.428603 | .0155747 |
| #3 | 23.37153 | 3.000478 | -.006156 | .0013183 | 1.755404 | 4.376756 | .0170736 |

Sample Name: O3681-22      Acquired: 07/21/2023 18:58:36      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: RPTP-8-CS-8      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.245586</b> | <b>.1105921</b> | <b>.1010347</b> |
| Stddev | .020579         | .0005043        | .0011428        |
| %RSD   | .4847165        | .4559594        | 1.131062        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.222441 | .1111558 | .0999437 |
| #2 | 4.261818 | .1101840 | .1022230 |
| #3 | 4.252500 | .1104366 | .1009372 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1234.922</b> | <b>1601.457</b> | <b>43414.60</b> | <b>7611.521</b> | <b>1603.314</b> |
| Stddev    | 7.504           | 4.356           | 158.11          | 16.210          | 1.387           |
| %RSD      | .6076902        | .2719853        | .3641952        | .2129617        | .0864801        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1240.448 | 1596.427 | 43596.72 | 7594.904 | 1603.330 |
| #2 | 1237.940 | 1604.013 | 43334.67 | 7612.371 | 1604.693 |
| #3 | 1226.378 | 1603.930 | 43312.40 | 7627.290 | 1601.920 |

Sample Name: O3685-01      Acquired: 07/21/2023 19:02:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0421585 | -.007413 | 4.015657 | -.051380 | .0130159 | 128.0245 | .7401524 |
| Stddev | .0027800 | .004848  | .014458  | .001805  | .0013202 | .9608    | .0015220 |
| %RSD   | 6.594262 | 65.39690 | .3600382 | 3.512475 | 10.14291 | .7504535 | .2056344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0398767 | -.012454 | 4.012188 | -.052466 | .0117980 | 127.5965 | .7397626 |
| #2 | .0413440 | -.006998 | 4.003250 | -.052377 | .0144188 | 127.3521 | .7388632 |
| #3 | .0452548 | -.002786 | 4.031534 | -.049297 | .0128308 | 129.1249 | .7418314 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088874 | .0110577 | 44.71278 | .2899387 | .1099224 | .6119209 | 258.3622 |
| Stddev | .0001354 | .0003212 | .19447   | .0003863 | .0008951 | .0015451 | 1.6716   |
| %RSD   | 1.523061 | 2.904520 | .4349402 | .1332378 | .8142711 | .2525072 | .6469997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087330 | .0112564 | 44.57088 | .2899308 | .1104948 | .6105450 | 257.2285 |
| #2 | .0089855 | .0106872 | 44.63300 | .2895564 | .1088909 | .6116251 | 257.5762 |
| #3 | .0089438 | .0112295 | 44.93445 | .2903289 | .1103815 | .6135925 | 260.2819 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.239614 | 40.66222 | .2741388 | -.010145 | 10.33051 | .3812370 | 3.135116 |
| Stddev | .010483  | .24474   | .0016064 | .000175  | .10384   | .0024828 | .013567  |
| %RSD   | .3236013 | .6018900 | .5859673 | 1.722546 | 1.005223 | .6512497 | .4327584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.233150 | 40.44773 | .2739911 | -.010171 | 10.39945 | .3831545 | 3.143060 |
| #2 | 3.233982 | 40.61012 | .2726113 | -.009959 | 10.21107 | .3784325 | 3.142838 |
| #3 | 3.251709 | 40.92882 | .2758139 | -.010305 | 10.38101 | .3821239 | 3.119450 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.814355 | 9.540960 | -.048705 | .0101269 | 3.891973 | 2.061215 | .0970317 |
| Stddev | .035237  | .044047  | .003405  | .0006002 | .029290  | .007748  | .0021764 |
| %RSD   | .6060324 | .4616586 | 6.991837 | 5.926304 | .7525850 | .3759042 | 2.243012 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.787969 | 9.539738 | -.048956 | .0094732 | 3.884030 | 2.053422 | .0947948 |
| #2 | 5.800726 | 9.497537 | -.051978 | .0106531 | 3.867474 | 2.061306 | .0991421 |
| #3 | 5.854371 | 9.585605 | -.045181 | .0102543 | 3.924416 | 2.068917 | .0971583 |

Sample Name: O3685-01      Acquired: 07/21/2023 19:02:33      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.237195</b> | <b>.0998366</b> | <b>-.087244</b> |
| Stddev | .017498         | .0002046        | .000534         |
| %RSD   | .7821493        | .2049487        | .6118338        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.229908</b> | <b>.0998662</b> | <b>-.086630</b> |
| #2 | <b>2.224519</b> | <b>.0996188</b> | <b>-.087595</b> |
| #3 | <b>2.257160</b> | <b>.1000248</b> | <b>-.087507</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1415.125</b> | <b>1811.872</b> | <b>49431.93</b> | <b>8763.450</b> | <b>1616.849</b> |
| Stddev    | 9.276           | 3.487           | 238.73          | 23.685          | 5.731           |
| %RSD      | .6554957        | .1924746        | .4829506        | .2702706        | .3544816        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1406.518</b> | <b>1811.286</b> | <b>49157.74</b> | <b>8783.340</b> | <b>1615.178</b> |
| #2 | <b>1413.908</b> | <b>1815.615</b> | <b>49544.37</b> | <b>8769.761</b> | <b>1623.230</b> |
| #3 | <b>1424.950</b> | <b>1808.715</b> | <b>49593.68</b> | <b>8737.248</b> | <b>1612.138</b> |

Sample Name: O3685-01DUP      Acquired: 07/21/2023 19:06:26      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152DU      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0412404 | -.009791 | 4.122329 | -.048779 | .0148818 | 128.5308 | .7167715 |
| Stddev | .0048710 | .002412  | .026936  | .011857  | .0006990 | .8678    | .0046048 |
| %RSD   | 11.81119 | 24.63862 | .6534275 | 24.30730 | 4.697178 | .6752021 | .6424311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0367809 | -.008784 | 4.114746 | -.036822 | .0156815 | 127.5713 | .7115619 |
| #2 | .0405018 | -.012544 | 4.099996 | -.048980 | .0145767 | 128.7603 | .7184548 |
| #3 | .0464385 | -.008046 | 4.152244 | -.060534 | .0143871 | 129.2608 | .7202977 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090666 | .0110255 | 45.94881 | .2869777 | .1114571 | .6279285 | 261.5666 |
| Stddev | .0000592 | .0002130 | .23519   | .0018521 | .0005207 | .0035497 | 1.3881   |
| %RSD   | .6535234 | 1.931897 | .5118447 | .6453913 | .4672131 | .5653055 | .5306727 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0091157 | .0109678 | 45.68073 | .2851799 | .1113655 | .6262555 | 259.9703 |
| #2 | .0090008 | .0108473 | 46.12042 | .2868735 | .1109882 | .6255243 | 262.2396 |
| #3 | .0090832 | .0112614 | 46.04529 | .2888797 | .1120175 | .6320055 | 262.4898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.228264 | 40.62390 | .2799487 | -.011370 | 10.22531 | .3766972 | 3.270566 |
| Stddev | .010817  | .20314   | .0008978 | .000291  | .02517   | .0021849 | .011937  |
| %RSD   | .3350745 | .5000418 | .3206999 | 2.558988 | .2461744 | .5800125 | .3649714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.215774 | 40.41912 | .2807107 | -.011629 | 10.19624 | .3791160 | 3.257429 |
| #2 | 3.234649 | 40.62723 | .2789589 | -.011055 | 10.23974 | .3761088 | 3.280746 |
| #3 | 3.234368 | 40.82535 | .2801764 | -.011427 | 10.23994 | .3748667 | 3.273524 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.840141 | 9.860409 | -.035825 | .0113387 | 3.920250 | 2.162079 | .1070168 |
| Stddev | .022008  | .052945  | .004248  | .0001551 | .016114  | .006395  | .0002596 |
| %RSD   | .3768390 | .5369469 | 11.85710 | 1.367876 | .4110558 | .2957917 | .2426204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.829977 | 9.855092 | -.038226 | .0112605 | 3.906392 | 2.169421 | .1068260 |
| #2 | 5.825052 | 9.810323 | -.038328 | .0115173 | 3.916426 | 2.157720 | .1069120 |
| #3 | 5.865394 | 9.915812 | -.030920 | .0112382 | 3.937933 | 2.159096 | .1073125 |

Sample Name: O3685-01DUP      Acquired: 07/21/2023 19:06:26      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152DU Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.156532</b> | <b>.0998612</b> | <b>-.091927</b> |
| Stddev | .012812         | .0023932        | .000388         |
| %RSD   | .5941175        | 2.396509        | .4220657        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.142339</b> | <b>.0971830</b> | <b>-.091496</b> |
| #2 | <b>2.160011</b> | <b>.1006108</b> | <b>-.092247</b> |
| #3 | <b>2.167245</b> | <b>.1017900</b> | <b>-.092039</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1401.681</b> | <b>1788.117</b> | <b>48971.34</b> | <b>8775.252</b> | <b>1601.849</b> |
| Stddev    | 4.322           | 5.198           | 48.57           | 18.218          | 6.446           |
| %RSD      | .3083478        | .2906775        | .0991770        | .2076040        | .4024247        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1405.945</b> | <b>1784.539</b> | <b>48928.26</b> | <b>8771.883</b> | <b>1601.625</b> |
| #2 | <b>1401.795</b> | <b>1794.079</b> | <b>49023.98</b> | <b>8758.954</b> | <b>1608.404</b> |
| #3 | <b>1397.303</b> | <b>1785.732</b> | <b>48961.79</b> | <b>8794.919</b> | <b>1595.517</b> |

Sample Name: O3685-01LX5      Acquired: 07/21/2023 19:10:18      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087216 | -.001348 | .8040863 | -.008233 | .0020620 | 28.60655 | .1673966 |
| Stddev | .0025735 | .000394  | .0045071 | .004817  | .0014067 | .21117   | .0007730 |
| %RSD   | 29.50769 | 29.23610 | .5605299 | 58.51158 | 68.21887 | .7381881 | .4617544 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086261 | -.001796 | .8080265 | -.013663 | .0017669 | 28.36307 | .1665608 |
| #2 | .0061971 | -.001056 | .8050607 | -.004474 | .0035928 | 28.73975 | .1675432 |
| #3 | .0113415 | -.001191 | .7991717 | -.006561 | .0008263 | 28.71682 | .1680857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021266 | .0019000 | 10.35501 | .0680369 | .0212917 | .1422796 | 60.88391 |
| Stddev | .0000143 | .0001214 | .06580   | .0003965 | .0008644 | .0053256 | .50873   |
| %RSD   | .6737898 | 6.389840 | .6354885 | .5827665 | 4.059950 | 3.743077 | .8355750 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021111 | .0017678 | 10.27979 | .0675797 | .0205306 | .1373860 | 60.29901 |
| #2 | .0021394 | .0019256 | 10.38328 | .0682866 | .0211131 | .1415012 | 61.22357 |
| #3 | .0021292 | .0020065 | 10.40195 | .0682444 | .0222315 | .1479516 | 61.12914 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7596086 | 9.228054 | .0546010 | -.002739 | 2.237736 | .0861725 | .7483718 |
| Stddev | .0083176 | .129401  | .0005456 | .000540  | .127603  | .0021246 | .0052134 |
| %RSD   | 1.094992 | 1.402260 | .9993404 | 19.72537 | 5.702324 | 2.465495 | .6966327 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7502525 | 9.079650 | .0551833 | -.002235 | 2.310683 | .0840831 | .7434158 |
| #2 | .7624073 | 9.287192 | .0541015 | -.002673 | 2.090395 | .0883306 | .7478904 |
| #3 | .7661659 | 9.317320 | .0545181 | -.003309 | 2.312129 | .0861039 | .7538092 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.302662 | 1.862889 | -.018983 | .0018847 | .7418283 | .4920739 | .0173260 |
| Stddev | .031924  | .004963  | .000547  | .0007287 | .0027700 | .0030092 | .0008052 |
| %RSD   | 2.450660 | .2664066 | 2.879065 | 38.66411 | .3733946 | .6115264 | 4.647649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.269788 | 1.859676 | -.019298 | .0016854 | .7404628 | .4893006 | .0181249 |
| #2 | 1.304656 | 1.860386 | -.019298 | .0012764 | .7400062 | .4916476 | .0173384 |
| #3 | 1.333542 | 1.868605 | -.018351 | .0026923 | .7450159 | .4952735 | .0165145 |

Sample Name: O3685-01LX5      Acquired: 07/21/2023 19:10:18      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.5067541</b> | <b>.0235128</b> | <b>-.021851</b> |
| Stddev | .0034168        | .0008807        | .000264         |
| %RSD   | .6742608        | 3.745735        | 1.207576        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.5030030</b> | <b>.0237453</b> | <b>-.021587</b> |
| #2 | <b>.5096888</b> | <b>.0225392</b> | <b>-.021851</b> |
| #3 | <b>.5075704</b> | <b>.0242540</b> | <b>-.022115</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1240.216</b> | <b>1591.539</b> | <b>42997.67</b> | <b>7446.557</b> | <b>1688.449</b> |
| Stddev    | 13.411          | 10.394          | 245.76          | 25.406          | 6.844           |
| %RSD      | 1.081364        | .6530883        | .5715554        | .3411758        | .4053365        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1243.369 | 1579.549 | 42932.36 | 7454.924 | 1680.973 |
| #2 | 1251.771 | 1597.057 | 43269.48 | 7418.022 | 1689.971 |
| #3 | 1225.510 | 1598.010 | 42791.16 | 7466.723 | 1694.404 |

Sample Name: O3685-01MS      Acquired: 07/21/2023 19:14:17      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7387872</b> | <b>1.832546</b> | <b>4.276496</b> | <b>1.666421</b> | <b>.6581625</b> | <b>122.7795</b> |
| Stddev | .0146829        | .006848         | .016966         | .004446         | .0025020        | 1.0483          |
| %RSD   | 1.987433        | .3737051        | .3967285        | .2667932        | .3801450        | .8538459        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7542230 | 1.834211 | 4.286528 | 1.668873 | .6553540 | 122.6249 |
| #2 | .7371432 | 1.838408 | 4.286054 | 1.661288 | .6601534 | 123.8966 |
| #3 | .7249956 | 1.825018 | 4.256908 | 1.669100 | .6589801 | 121.8170 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9208590</b> | <b>.1747672</b> | <b>.2081912</b> | <b>43.75200</b> | <b>.5716208</b> | <b>.3043006</b> |
| Stddev | .0054145        | .0002583        | .0005141        | .19014          | .0006124        | .0009374        |
| %RSD   | .5879805        | .1478216        | .2469353        | .4345799        | .1071255        | .3080540        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9193126 | .1747630 | .2084157 | 43.60583 | .5720710 | .3053781 |
| #2 | .9268784 | .1750276 | .2085548 | 43.96696 | .5718678 | .3036725 |
| #3 | .9163859 | .1745110 | .2076030 | 43.68322 | .5709235 | .3038511 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9780833</b> | <b>258.1092</b> | <b>5.521708</b> | <b>37.86906</b> | <b>.7428067</b> | <b>.0557091</b> |
| Stddev | .0050168        | 1.7371          | .032718         | .27202          | .0020901        | .0004611        |
| %RSD   | .5129170        | .6729997        | .5925363        | .7183225        | .2813782        | .8277476        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9795869 | 257.5972 | 5.506935 | 37.85039 | .7448037 | .0554078 |
| #2 | .9821764 | 260.0447 | 5.559207 | 38.14995 | .7429819 | .0562400 |
| #3 | .9724867 | 256.6856 | 5.498981 | 37.60686 | .7406345 | .0554797 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>13.44633</b> | <b>.6297714</b> | <b>3.360653</b> | <b>13.93828</b> | <b>F 13.85044</b> | <b>.3212536</b> |
| Stddev | .12600          | .0074378        | .005173         | .14664          | .04078            | .0055183        |
| %RSD   | .9370332        | 1.181031        | .1539326        | 1.052062        | .2944560          | 1.717749        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.52431 | .6293300 | 3.362293 | 13.98554 | 13.87199 | .3169231 |
| #2 | 13.51370 | .6374201 | 3.354858 | 14.05546 | 13.87593 | .3274669 |
| #3 | 13.30097 | .6225642 | 3.364807 | 13.77384 | 13.80341 | .3193707 |

Sample Name: O3685-01MS      Acquired: 07/21/2023 19:14:17      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152MS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3462341</b> | <b>3.796070</b> | <b>5.713245</b> | <b>.7381851</b> | <b>2.371129</b> | <b>.2789498</b> |
| Stddev | .0012952        | .011945         | .019018         | .0046578        | .026633         | .0009350        |
| %RSD   | .3740842        | .3146698        | .3328770        | .6309814        | 1.123239        | .3352052        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3471139 | 3.796414 | 5.728923 | .7377396 | 2.365240 | .2784708 |
| #2 | .3468417 | 3.807840 | 5.718722 | .7430497 | 2.400215 | .2800272 |
| #3 | .3447468 | 3.783957 | 5.692089 | .7337661 | 2.347934 | .2783512 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0980325</b> |
| Stddev | .0021210        |
| %RSD   | 2.163573        |

|    |          |
|----|----------|
| #1 | .0995859 |
| #2 | .0988956 |
| #3 | .0956160 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1387.368</b> | <b>1782.804</b> | <b>48743.61</b> | <b>8604.807</b> | <b>1665.845</b> |
| Stddev    | 3.422           | 6.357           | 117.18          | 36.900          | 4.161           |
| %RSD      | .2466391        | .3565866        | .2404076        | .4288296        | .2497920        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1383.563 | 1775.508 | 48668.19 | 8593.634 | 1661.520 |
| #2 | 1390.192 | 1785.754 | 48684.03 | 8574.785 | 1666.195 |
| #3 | 1388.349 | 1787.151 | 48878.61 | 8646.002 | 1669.820 |

Sample Name: O3685-01MSD      Acquired: 07/21/2023 19:18:05      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7530763</b> | <b>1.839116</b> | <b>4.322599</b> | <b>1.665058</b> | <b>.6355417</b> | <b>122.5819</b> |
| Stddev | .0091384        | .007313         | .017231         | .012280         | .0058560        | .8327           |
| %RSD   | 1.213471        | .3976613        | .3986209        | .7375129        | .9214129        | .6793160        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7553969 | 1.831532 | 4.317344 | 1.678021 | .6379974 | 121.6335 |
| #2 | .7430013 | 1.839691 | 4.308608 | 1.653600 | .6288578 | 123.1934 |
| #3 | .7608305 | 1.846125 | 4.341845 | 1.663554 | .6397701 | 122.9186 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9009146</b> | <b>.1755237</b> | <b>.2086082</b> | <b>45.72794</b> | <b>.5748610</b> | <b>.3036092</b> |
| Stddev | .0075675        | .0011575        | .0009395        | .46255          | .0013079        | .0024334        |
| %RSD   | .8399789        | .6594507        | .4503858        | 1.011526        | .2275167        | .8015029        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8922945 | .1764474 | .2085198 | 45.19409 | .5739378 | .3020899 |
| #2 | .9039847 | .1758985 | .2077161 | 46.00905 | .5742875 | .3023218 |
| #3 | .9064645 | .1742253 | .2095889 | 45.98070 | .5763577 | .3064159 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9976212</b> | <b>255.2372</b> | <b>5.014025</b> | <b>37.57167</b> | <b>.7415400</b> | <b>.0560063</b> |
| Stddev | .0083037        | 2.0236          | .040342         | .33501          | .0037914        | .0004161        |
| %RSD   | .8323503        | .7928369        | .8045853        | .8916549        | .5112887        | .7429726        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9899037 | 252.9260 | 4.968137 | 37.18573 | .7417657 | .0555635 |
| #2 | 1.006407 | 256.6908 | 5.043913 | 37.78743 | .7376407 | .0563892 |
| #3 | .996552  | 256.0948 | 5.030024 | 37.74185 | .7452135 | .0560662 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>13.30985</b> | <b>.6273095</b> | <b>3.373956</b> | <b>13.86236</b> | <b>F 13.91377</b> | <b>.3509925</b> |
| Stddev | .22843          | .0047466        | .008951         | .08015          | .05800            | .0033221        |
| %RSD   | 1.716280        | .7566527        | .2653088        | .5781815        | .4168349          | .9464823        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.04663 | .6218784 | 3.364330 | 13.79640 | 13.92480 | .3480121 |
| #2 | 13.42679 | .6293867 | 3.375511 | 13.95156 | 13.85105 | .3545741 |
| #3 | 13.45615 | .6306633 | 3.382029 | 13.83911 | 13.96547 | .3503912 |

Sample Name: O3685-01MSD      Acquired: 07/21/2023 19:18:05      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CHRT-24152MS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3360023</b> | <b>3.801213</b> | <b>5.725467</b> | <b>.7238215</b> | <b>2.403721</b> | <b>.2777559</b> |
| Stddev | .0007646        | .023820         | .016399         | .0086607        | .008357         | .0022301        |
| %RSD   | .2275527        | .6266325        | .2864166        | 1.196521        | .3476661        | .8029035        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3353179 | 3.808289 | 5.741024 | .7311122 | 2.394307 | .2752221 |
| #2 | .3358616 | 3.774658 | 5.727037 | .7142481 | 2.410265 | .2786252 |
| #3 | .3368275 | 3.820694 | 5.708340 | .7261042 | 2.406589 | .2794205 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1080838</b> |
| Stddev | .0011642        |
| %RSD   | 1.077119        |

|    |          |
|----|----------|
| #1 | .1092465 |
| #2 | .1080867 |
| #3 | .1069181 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1384.180</b> | <b>1794.875</b> | <b>48508.09</b> | <b>8591.140</b> | <b>1671.639</b> |
| Stddev    | 9.759           | 5.953           | 201.11          | 31.533          | 7.357           |
| %RSD      | .7050525        | .3316524        | .4145839        | .3670463        | .4401174        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1394.672 | 1792.880 | 48738.69 | 8592.404 | 1670.389 |
| #2 | 1382.495 | 1801.569 | 48369.07 | 8558.994 | 1679.541 |
| #3 | 1375.374 | 1790.176 | 48416.52 | 8622.023 | 1664.987 |

Sample Name: O3685-01A      Acquired: 07/21/2023 19:21:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7526298 | 1.929888 | 5.020405 | 1.680574 | .6530531 | 128.0650 |
| Stddev | .0060716 | .023253  | .063248  | .023908  | .0101514 | 1.7155   |
| %RSD   | .8067229 | 1.204898 | 1.259820 | 1.422584 | 1.554448 | 1.339516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7547664 | 1.940869 | 5.058987 | 1.694354 | .6603407 | 126.1392 |
| #2 | .7573444 | 1.945618 | 5.054816 | 1.694400 | .6573603 | 129.4296 |
| #3 | .7457787 | 1.903178 | 4.947412 | 1.652968 | .6414583 | 128.6260 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8875671 | .1762403 | .2160555 | 45.43138 | .6194057 | .3107301 |
| Stddev | .0059590 | .0004701 | .0033326 | .29911   | .0014800 | .0042456 |
| %RSD   | .6713853 | .2667401 | 1.542484 | .6583790 | .2389329 | 1.366332 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8808270 | .1762972 | .2179464 | 45.08701 | .6200736 | .3134056 |
| #2 | .8921360 | .1766794 | .2180127 | 45.62641 | .6177095 | .3129498 |
| #3 | .8897384 | .1757444 | .2122075 | 45.58074 | .6204340 | .3058347 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8451473 | 259.5215 | 3.383292 | 41.87013 | .7714423 | .0550095 |
| Stddev | .0107037 | 2.7214   | .028039  | .35063   | .0079294 | .0006188 |
| %RSD   | 1.266494 | 1.048603 | .8287426 | .8374319 | 1.027871 | 1.124894 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8346837 | 256.4061 | 3.351164 | 41.47253 | .7758877 | .0547919 |
| #2 | .8560760 | 261.4347 | 3.402823 | 42.13511 | .7761516 | .0557078 |
| #3 | .8446821 | 260.7238 | 3.395889 | 42.00274 | .7622874 | .0545290 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 12.89210 | .6159296 | 3.332480 | 13.92388 | F 15.32115 | .2027176 |
| Stddev | .07891   | .0091271 | .016185  | .20073   | .14807     | .0051346 |
| %RSD   | .6121103 | 1.481841 | .4856752 | 1.441638 | .9664291   | 2.532876 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.82196 | .6053941 | 3.313835 | 13.71928 | 15.40624 | .1968104 |
| #2 | 12.97755 | .6209612 | 3.342911 | 14.12051 | 15.40704 | .2052321 |
| #3 | 12.87681 | .6214336 | 3.340693 | 13.93184 | 15.15018 | .2061102 |

Sample Name: O3685-01A      Acquired: 07/21/2023 19:21:55      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3387012</b> | <b>3.805736</b> | <b>2.748358</b> | <b>.7754857</b> | <b>2.351048</b> | <b>.2722311</b> |
| Stddev | .0030805        | .044173         | .001704         | .0076259        | .033228         | .0012694        |
| %RSD   | .9094937        | 1.160705        | .0619940        | .9833762        | 1.413314        | .4662871        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3404272 | 3.825361 | 2.748007 | .7787108 | 2.312906 | .2729999 |
| #2 | .3405316 | 3.836697 | 2.750210 | .7809692 | 2.373725 | .2729275 |
| #3 | .3351446 | 3.755151 | 2.746857 | .7667771 | 2.366511 | .2707660 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0727484</b> |
| Stddev | .0022163        |
| %RSD   | 3.046583        |

|    |          |
|----|----------|
| #1 | .0704754 |
| #2 | .0749034 |
| #3 | .0728662 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1388.371</b> | <b>1795.434</b> | <b>48685.11</b> | <b>8647.314</b> | <b>1606.144</b> |
| Stddev    | 6.635           | 17.528          | 160.91          | 42.752          | 17.377          |
| %RSD      | .4778640        | .9762608        | .3305050        | .4943975        | 1.081886        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1394.861 | 1786.310 | 48545.83 | 8657.314 | 1596.444 |
| #2 | 1381.601 | 1784.351 | 48648.27 | 8600.449 | 1595.782 |
| #3 | 1388.651 | 1815.643 | 48861.25 | 8684.181 | 1626.205 |

Sample Name: CCV05      Acquired: 07/21/2023 19:25:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV20744      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.024311 | 4.944308 | 5.069089 | 5.191265 | 5.156781 | 9.853944 | 9.855357 |
| Stddev | .006329  | .012920  | .011325  | .009411  | .009846  | .039088  | .065421  |
| %RSD   | .1259621 | .2613143 | .2234136 | .1812874 | .1909261 | .3966723 | .6638159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.031599 | 4.929505 | 5.064624 | 5.193306 | 5.162564 | 9.837130 | 9.921087 |
| #2 | 5.020206 | 4.953319 | 5.060676 | 5.199489 | 5.145413 | 9.898625 | 9.854736 |
| #3 | 5.021128 | 4.950099 | 5.081965 | 5.181001 | 5.162366 | 9.826076 | 9.790249 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2545644 | 2.537260 | 25.27914 | 1.015400 | 2.523789 | 1.180906 | 5.118969 |
| Stddev | .0021228 | .004013  | .16097   | .004228  | .002314  | .002277  | .048550  |
| %RSD   | .8338830 | .1581751 | .6367625 | .4163455 | .0916998 | .1928227 | .9484387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2549320 | 2.533161 | 25.10178 | 1.010530 | 2.521205 | 1.180936 | 5.062914 |
| #2 | .2564793 | 2.537438 | 25.41598 | 1.017534 | 2.525670 | 1.183169 | 5.147685 |
| #3 | .2522818 | 2.541181 | 25.31964 | 1.018134 | 2.524492 | 1.178615 | 5.146309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.507881 | 25.08530 | 2.527043 | 1.303303 | 24.48285 | 2.472621 | 2.584731 |
| Stddev | .017575  | .10668   | .006498  | .002108  | .07495   | .010823  | .001914  |
| %RSD   | .7007783 | .4252784 | .2571193 | .1617610 | .3061133 | .4377037 | .0740593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.487588 | 24.96482 | 2.520246 | 1.301721 | 24.52206 | 2.460710 | 2.586904 |
| #2 | 2.518127 | 25.12330 | 2.527690 | 1.302490 | 24.53005 | 2.475298 | 2.583997 |
| #3 | 2.517928 | 25.16778 | 2.533193 | 1.305696 | 24.39643 | 2.481853 | 2.583293 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.26177 | 4.954576 | 5.021371 | 5.180851 | 4.956705 | 4.897441 | 5.124273 |
| Stddev | .01987   | .010907  | .028248  | .000656  | .006272  | .021374  | .003847  |
| %RSD   | .0819113 | .2201418 | .5625460 | .0126694 | .1265441 | .4364398 | .0750720 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.25076 | 4.943529 | 5.019394 | 5.180745 | 4.950672 | 4.882389 | 5.121002 |
| #2 | 24.28471 | 4.965337 | 5.050555 | 5.181553 | 4.963192 | 4.921906 | 5.123305 |
| #3 | 24.24984 | 4.954861 | 4.994164 | 5.180253 | 4.956250 | 4.888027 | 5.128511 |

Sample Name: CCV05      Acquired: 07/21/2023 19:25:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV20744      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.921701</b> | <b>5.012944</b> | <b>4.908829</b> |
| Stddev | .028005         | .007797         | .074354         |
| %RSD   | .5690027        | .1555350        | 1.514708        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.892497 | 5.007002 | 4.824383 |
| #2 | 4.948328 | 5.021773 | 4.964480 |
| #3 | 4.924278 | 5.010057 | 4.937622 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1162.973</b> | <b>1498.942</b> | <b>40284.96</b> | <b>7049.999</b> | <b>1616.752</b> |
| Stddev    | 7.845           | 2.822           | 108.10          | 44.859          | .998            |
| %RSD      | .6745924        | .1882552        | .2683260        | .6362941        | .0617072        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1154.961 | 1497.066 | 40195.91 | 7015.834 | 1617.807 |
| #2 | 1170.641 | 1497.573 | 40405.23 | 7033.363 | 1615.823 |
| #3 | 1163.317 | 1502.187 | 40253.75 | 7100.799 | 1616.627 |

Sample Name: CCB05      Acquired: 07/21/2023 19:29:45      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB20744      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.006687</b> | <b>-.001319</b> | <b>-.000752</b> | <b>.0010897</b> | <b>-.000515</b> | <b>.0036143</b> | <b>.0004101</b> |
| Stddev | .002896         | .000961         | .001903         | .0027348        | .001753         | .0015304        | .0003791        |
| %RSD   | 43.31237        | 72.89480        | 252.8749        | 250.9744        | 340.5578        | 42.34346        | 92.44902        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009536</b> | <b>-.000563</b> | <b>.000169</b>  | <b>.0041708</b> | <b>.000499</b>  | <b>.0030866</b> | <b>.0000746</b> |
| #2 | <b>-.006779</b> | <b>-.002401</b> | <b>-.002940</b> | <b>-.001050</b> | <b>.000496</b>  | <b>.0053388</b> | <b>.0003343</b> |
| #3 | <b>-.003745</b> | <b>-.000993</b> | <b>.000514</b>  | <b>.000148</b>  | <b>-.002538</b> | <b>.0024176</b> | <b>.0008214</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000481</b> | <b>-.000014</b> | <b>.0031327</b> | <b>.0003236</b> | <b>.0001255</b> | <b>-.000437</b> | <b>.0071454</b> |
| Stddev | .0000287        | .000065         | .0013653        | .0004016        | .0001152        | .001130         | .0029462        |
| %RSD   | 59.65652        | 461.7918        | 43.58277        | 124.0833        | 91.81184        | 258.5688        | 41.23198        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000313</b> | <b>.000049</b>  | <b>.0016385</b> | <b>.0004045</b> | <b>.0002571</b> | <b>-.001704</b> | <b>.0073743</b> |
| #2 | <b>.0000813</b> | <b>-.000010</b> | <b>.0034442</b> | <b>.0006786</b> | <b>.0000764</b> | <b>-.000073</b> | <b>.0040914</b> |
| #3 | <b>.0000318</b> | <b>-.000082</b> | <b>.0043153</b> | <b>-.000112</b> | <b>.0000430</b> | <b>.000466</b>  | <b>.0099704</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000269</b> | <b>-.019689</b> | <b>.0003967</b> | <b>-.000446</b> | <b>-.235347</b> | <b>-.000518</b> | <b>.0006885</b> |
| Stddev | .000440         | .025189         | .0001787        | .000347         | .140793         | .001682         | .0000994        |
| %RSD   | 163.5840        | 127.9353        | 45.02974        | 77.90746        | 59.82354        | 324.9486        | 14.43548        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000137</b>  | <b>-.045530</b> | <b>.0005842</b> | <b>-.000140</b> | <b>-.083958</b> | <b>.000586</b>  | <b>.0005974</b> |
| #2 | <b>-.000736</b> | <b>.004792</b>  | <b>.0002284</b> | <b>-.000824</b> | <b>-.362362</b> | <b>-.002454</b> | <b>.0007945</b> |
| #3 | <b>-.000208</b> | <b>-.018328</b> | <b>.0003776</b> | <b>-.000374</b> | <b>-.259721</b> | <b>.000315</b>  | <b>.0006737</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001692</b> | <b>-.001085</b> | <b>-.001916</b> | <b>.0008881</b> | <b>.0083951</b> | <b>.0026677</b> | <b>-.002058</b> |
| Stddev | .034703         | .001289         | .001213         | .0001654        | .0062329        | .0006553        | .000703         |
| %RSD   | 2051.490        | 118.7157        | 63.32169        | 18.62149        | 74.24460        | 24.56371        | 34.16254        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.036216</b>  | <b>-.001258</b> | <b>-.000665</b> | <b>.0008780</b> | <b>.0139684</b> | <b>.0030278</b> | <b>-.002313</b> |
| #2 | <b>-.031895</b> | <b>-.002279</b> | <b>-.001995</b> | <b>.0010583</b> | <b>.0016647</b> | <b>.0019113</b> | <b>-.002599</b> |
| #3 | <b>-.009396</b> | <b>.000281</b>  | <b>-.003087</b> | <b>.0007280</b> | <b>.0095521</b> | <b>.0030639</b> | <b>-.001263</b> |

Sample Name: CCB05      Acquired: 07/21/2023 19:29:45      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB20744      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0012806 | .0004511 | .0001321 |
| Stddev | .0008476 | .0007092 | .0000294 |
| %RSD   | 66.18999 | 157.2035 | 22.24768 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0022494 | .0002947 | .0001274 |
| #2 | .0006759 | .0012254 | .0001053 |
| #3 | .0009163 | -.000167 | .0001635 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1202.079 | 1536.723 | 41457.66 | 7082.473 | 1706.554 |
| Stddev    | 3.812    | 9.358    | 48.51    | 29.722   | 9.193    |
| %RSD      | .3171459 | .6089265 | .1169999 | .4196550 | .5386738 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1197.823 | 1526.676 | 41417.84 | 7051.630 | 1697.737 |
| #2 | 1203.234 | 1538.302 | 41443.45 | 7110.930 | 1705.843 |
| #3 | 1205.181 | 1545.191 | 41511.68 | 7084.860 | 1716.081 |

Sample Name: O3694-01      Acquired: 07/21/2023 19:33:51      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0112497 | -.000340 | .2003022 | -.030813 | .0064871 | 100.9751 | .3986895 |
| Stddev | .0018880 | .002883  | .0006746 | .005094  | .0047070 | .5428    | .0025480 |
| %RSD   | 16.78269 | 846.9706 | .3367675 | 16.53098 | 72.55952 | .5375587 | .6390970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0131210 | -.002647 | .2004617 | -.031129 | .0087709 | 100.6746 | .3969571 |
| #2 | .0112825 | .002892  | .2008828 | -.025568 | .0010739 | 101.6017 | .4016152 |
| #3 | .0093455 | -.001266 | .1995622 | -.035741 | .0096167 | 100.6489 | .3974963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049680 | .0027780 | 26.01334 | .1802631 | .1382547 | .3728843 | 211.6265 |
| Stddev | .0000242 | .0001460 | .19330   | .0008629 | .0000665 | .0014217 | .9025    |
| %RSD   | .4871851 | 5.256535 | .7430933 | .4786978 | .0480603 | .3812642 | .4264812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049945 | .0029358 | 25.81195 | .1803963 | .1382964 | .3742511 | 210.8388 |
| #2 | .0049471 | .0026477 | 26.19739 | .1793413 | .1382896 | .3714135 | 212.6113 |
| #3 | .0049625 | .0027505 | 26.03066 | .1810516 | .1381781 | .3729883 | 211.4295 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.458292 | 61.63350 | .2089290 | -.009621 | 1.958239 | .3640715 | .4331803 |
| Stddev | .026575  | .30218   | .0008163 | .000148  | .083827  | .0020904 | .0008402 |
| %RSD   | .4868795 | .4902780 | .3907236 | 1.538200 | 4.280758 | .5741827 | .1939560 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.433189 | 61.32325 | .2094942 | -.009692 | 1.936255 | .3638822 | .4337379 |
| #2 | 5.486128 | 61.92689 | .2079931 | -.009451 | 2.050867 | .3662502 | .4335890 |
| #3 | 5.455560 | 61.65036 | .2092996 | -.009720 | 1.887593 | .3620822 | .4322140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.213959 | 6.905592 | -.040899 | .0075320 | .8470803 | 2.380663 | .0062154 |
| Stddev | .072576  | .014867  | .002500  | .0001792 | .0083631 | .008402  | .0016133 |
| %RSD   | 2.258139 | .2152852 | 6.112603 | 2.379772 | .9872870 | .3529308 | 25.95632 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.168042 | 6.922698 | -.043694 | .0073304 | .8559425 | 2.372030 | .0080238 |
| #2 | 3.297630 | 6.895794 | -.038874 | .0075923 | .8459715 | 2.388813 | .0056985 |
| #3 | 3.176206 | 6.898285 | -.040130 | .0076734 | .8393270 | 2.381148 | .0049239 |

Sample Name: O3694-01      Acquired: 07/21/2023 19:33:51      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WC-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.743398</b> | <b>.0536563</b> | <b>-.130172</b> |
| Stddev | .021911         | .0005725        | .000940         |
| %RSD   | .4619348        | 1.066936        | .7221018        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.748516 | .0531037 | -.129163 |
| #2 | 4.762298 | .0542468 | -.131022 |
| #3 | 4.719381 | .0536186 | -.130332 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1366.150</b> | <b>1744.222</b> | <b>47534.10</b> | <b>8357.070</b> | <b>1620.491</b> |
| Stddev    | 3.653           | 1.049           | 108.03          | 33.870          | 4.349           |
| %RSD      | .2673927        | .0601426        | .2272715        | .4052838        | .2683947        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1362.178 | 1743.391 | 47414.39 | 8340.497 | 1615.551 |
| #2 | 1366.907 | 1743.874 | 47624.33 | 8334.678 | 1622.174 |
| #3 | 1369.366 | 1745.401 | 47563.60 | 8396.035 | 1623.747 |

Sample Name: PB154325BL      Acquired: 07/21/2023 19:37:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.007695</b> | <b>-.003286</b> | <b>-.000851</b> | <b>-.002878</b> | <b>.0005526</b> | <b>.0079127</b> | <b>.0006355</b> |
| Stddev | .000546         | .002354         | .000323         | .006301         | .0020204        | .0010540        | .0001260        |
| %RSD   | 7.095962        | 71.63210        | 38.00180        | 218.9748        | 365.6109        | 13.31993        | 19.83121        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008269</b> | <b>-.000571</b> | <b>-.000968</b> | <b>.000320</b>  | <b>-.000097</b> | <b>.0072920</b> | <b>.0005398</b> |
| #2 | <b>-.007634</b> | <b>-.004530</b> | <b>-.001099</b> | <b>-.010137</b> | <b>.002818</b>  | <b>.0091296</b> | <b>.0005884</b> |
| #3 | <b>-.007182</b> | <b>-.004758</b> | <b>-.000485</b> | <b>.001184</b>  | <b>-.001063</b> | <b>.0073164</b> | <b>.0007783</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000874</b> | <b>-.000001</b> | <b>-.005062</b> | <b>.0001646</b> | <b>.0000385</b> | <b>-.001298</b> | <b>.0180727</b> |
| Stddev | .0000328        | .000030         | .008315         | .0000757        | .0001352        | .000596         | .0148851        |
| %RSD   | 37.49836        | 2017.536        | 164.2722        | 45.99789        | 351.3451        | 45.94241        | 82.36221        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001230</b> | <b>.000023</b>  | <b>-.013619</b> | <b>.0002519</b> | <b>.0001751</b> | <b>-.001979</b> | <b>.0350168</b> |
| #2 | <b>.0000584</b> | <b>-.000035</b> | <b>-.004556</b> | <b>.0001260</b> | <b>-.000095</b> | <b>-.000868</b> | <b>.0071027</b> |
| #3 | <b>.0000809</b> | <b>.000008</b>  | <b>.002989</b>  | <b>.0001160</b> | <b>.000036</b>  | <b>-.001047</b> | <b>.0120987</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000018</b> | <b>-.003594</b> | <b>.0001515</b> | <b>-.000575</b> | <b>-.052832</b> | <b>-.001691</b> | <b>.0001994</b> |
| Stddev | .000378         | .000934         | .0001388        | .000392         | .113408         | .001757         | .0002102        |
| %RSD   | 2145.378        | 26.00141        | 91.59913        | 68.19771        | 214.6584        | 103.9063        | 105.3897        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000236</b>  | <b>-.002546</b> | <b>.0002837</b> | <b>-.000382</b> | <b>.069271</b>  | <b>-.001383</b> | <b>.0003736</b> |
| #2 | <b>.000163</b>  | <b>-.003895</b> | <b>.0000069</b> | <b>-.001026</b> | <b>-.072901</b> | <b>-.003583</b> | <b>.0002587</b> |
| #3 | <b>-.000452</b> | <b>-.004340</b> | <b>.0001639</b> | <b>-.000316</b> | <b>-.154865</b> | <b>-.000108</b> | <b>-.000034</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.077718</b> | <b>.0003436</b> | <b>-.008318</b> | <b>.0000753</b> | <b>.0061264</b> | <b>.0012213</b> | <b>-.001901</b> |
| Stddev | .038985         | .0030600        | .000740         | .0002618        | .0022467        | .0003047        | .000492         |
| %RSD   | 50.16276        | 890.5497        | 8.897914        | 347.7698        | 36.67270        | 24.94584        | 25.87506        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.047666</b> | <b>-.003059</b> | <b>-.007518</b> | <b>-.000050</b> | <b>.0085228</b> | <b>.0009433</b> | <b>-.001339</b> |
| #2 | <b>-.063717</b> | <b>.002871</b>  | <b>-.008459</b> | <b>-.000100</b> | <b>.0040675</b> | <b>.0015470</b> | <b>-.002255</b> |
| #3 | <b>-.121770</b> | <b>.001219</b>  | <b>-.008978</b> | <b>.000376</b>  | <b>.0057890</b> | <b>.0011736</b> | <b>-.002110</b> |

Sample Name: PB154325BL      Acquired: 07/21/2023 19:37:47      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0013732 | .0006303 | .0000023 |
| Stddev | .0008728 | .0008726 | .0000268 |
| %RSD   | 63.55857 | 138.4419 | 1190.632 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0021848 | .0002164 | -.000010 |
| #2 | .0004500 | .0000417 | .000033  |
| #3 | .0014849 | .0016329 | -.000016 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1192.755 | 1537.846 | 41198.23 | 7062.253 | 1717.695 |
| Stddev    | 4.852    | 1.710    | 139.93   | 22.451   | 2.104    |
| %RSD      | .4068075 | .1112251 | .3396553 | .3179043 | .1224875 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1188.187 | 1537.332 | 41094.97 | 7045.800 | 1719.644 |
| #2 | 1197.848 | 1539.755 | 41357.49 | 7053.130 | 1715.465 |
| #3 | 1192.229 | 1536.452 | 41142.24 | 7087.830 | 1717.978 |

Sample Name: PB154325BS      Acquired: 07/21/2023 19:41:53      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8278610</b> | <b>1.936157</b> | <b>1.008590</b> | <b>2.072513</b> | <b>.8059689</b> | <b>1.914845</b> |
| Stddev | .0033593        | .008797         | .007109         | .010389         | .0038483        | .014017         |
| %RSD   | .4057840        | .4543379        | .7047965        | .5012744        | .4774804        | .7320246        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8250894 | 1.930820 | 1.000568 | 2.078446 | .8035547 | 1.914462 |
| #2 | .8268965 | 1.931341 | 1.014105 | 2.060517 | .8039452 | 1.901023 |
| #3 | .8315970 | 1.946310 | 1.011099 | 2.078576 | .8104069 | 1.929049 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1940618</b> | <b>.2020248</b> | <b>.2055546</b> | <b>.9852528</b> | <b>.4028688</b> | <b>.1971981</b> |
| Stddev | .0006533        | .0014344        | .0007971        | .0179661        | .0029288        | .0010097        |
| %RSD   | .3366397        | .7100194        | .3877712        | 1.823498        | .7269751        | .5120440        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1940731 | .2015582 | .2052418 | .9737117 | .4001371 | .1963729 |
| #2 | .1934029 | .2008817 | .2049614 | .9760941 | .4025082 | .1968974 |
| #3 | .1947093 | .2036344 | .2064607 | 1.005953 | .4059612 | .1983241 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2827179</b> | <b>3.053777</b> | <b>.1993552</b> | <b>1.921720</b> | <b>.4942030</b> | <b>.0760521</b> |
| Stddev | .0022875        | .023135         | .0003143        | .073946         | .0022805        | .0007471        |
| %RSD   | .8090991        | .7575757        | .1576772        | 3.847932        | .4614535        | .9823855        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2810421 | 3.031861 | .1990044 | 1.870758 | .4916847 | .0752537 |
| #2 | .2817877 | 3.051508 | .1994498 | 1.887870 | .4947954 | .0761681 |
| #3 | .2853239 | 3.077963 | .1996113 | 2.006533 | .4961288 | .0767344 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.580511</b> | <b>.2932401</b> | <b>.2075711</b> | <b>9.427137</b> | <b>5.569485</b> | <b>.2878456</b> |
| Stddev | .101933         | .0054217        | .0017043        | .115596         | .026622         | .0033659        |
| %RSD   | 3.950090        | 1.848898        | .8210882        | 1.226202        | .4779922        | 1.169351        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.625327 | .2916063 | .2063720 | 9.366212 | 5.541631 | .2860233 |
| #2 | 2.463849 | .2888231 | .2095221 | 9.354748 | 5.572149 | .2857838 |
| #3 | 2.652357 | .2992908 | .2068191 | 9.560451 | 5.594674 | .2917298 |

Sample Name: PB154325BS      Acquired: 07/21/2023 19:41:53      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4101412 | F -.010662 | .8459462 | .6969902 | .1926904 | .2021177 |
| Stddev | .0009802 | .000877    | .0034086 | .0048272 | .0004271 | .0018172 |
| %RSD   | .2389880 | 8.228402   | .4029282 | .6925821 | .2216677 | .8990959 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4098793 | -.011070 | .8463742 | .6919147 | .1925567 | .2001486 |
| #2 | .4093186 | -.011261 | .8423438 | .6975324 | .1923461 | .2037302 |
| #3 | .4112258 | -.009655 | .8491205 | .7015234 | .1931684 | .2024743 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1874966 |
| Stddev | .0013955 |
| %RSD   | .7442635 |

|    |          |
|----|----------|
| #1 | .1869609 |
| #2 | .1864484 |
| #3 | .1890805 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1192.714 | 1528.400 | 41279.37 | 7105.432 | 1709.911 |
| Stddev    | 9.223    | 4.039    | 82.58    | 16.178   | 3.950    |
| %RSD      | .7732948 | .2642450 | .2000575 | .2276883 | .2309920 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1191.732 | 1529.259 | 41335.31 | 7096.669 | 1713.701 |
| #2 | 1184.022 | 1531.939 | 41184.52 | 7124.101 | 1710.212 |
| #3 | 1202.389 | 1524.000 | 41318.29 | 7095.526 | 1705.819 |

Sample Name: PB154325TB      Acquired: 07/21/2023 19:45:53      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003787</b> | <b>-.000201</b> | <b>.0019706</b> | <b>.0032226</b> | <b>-.002478</b> | <b>.0086454</b> | <b>.0004596</b> |
| Stddev | .003815         | .001860         | .0003941        | .0051582        | .002527         | .0044704        | .0002078        |
| %RSD   | 100.7397        | 924.1060        | 19.99697        | 160.0636        | 101.9594        | 51.70861        | 45.21315        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003746</b> | <b>-.000429</b> | <b>.0021791</b> | <b>-.000120</b> | <b>-.000017</b> | <b>.0054665</b> | <b>.0004684</b> |
| #2 | <b>-.007621</b> | <b>.001762</b>  | <b>.0015161</b> | <b>.000625</b>  | <b>-.002351</b> | <b>.0137569</b> | <b>.0002476</b> |
| #3 | <b>.000007</b>  | <b>-.001937</b> | <b>.0022166</b> | <b>.009163</b>  | <b>-.005066</b> | <b>.0067127</b> | <b>.0006629</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000676</b> | <b>.0000054</b> | <b>.0000085</b> | <b>.0002851</b> | <b>-.000020</b> | <b>.0003504</b> | <b>.0009308</b> |
| Stddev | .0000511        | .0001089        | .0099977        | .0000955        | .000191         | .0028302        | .0036822        |
| %RSD   | 75.61945        | 2031.026        | 117938.8        | 33.48163        | 972.6872        | 807.6043        | 395.6072        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000368</b> | <b>.0000436</b> | <b>.0045288</b> | <b>.0003593</b> | <b>-.000071</b> | <b>.0033177</b> | <b>.0025751</b> |
| #2 | <b>.0000394</b> | <b>.0000900</b> | <b>.0069477</b> | <b>.0001774</b> | <b>-.000180</b> | <b>-.002319</b> | <b>-.003287</b> |
| #3 | <b>.0001266</b> | <b>-.000117</b> | <b>-.011451</b> | <b>.0003185</b> | <b>.000192</b>  | <b>.000053</b>  | <b>.003504</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000063</b> | <b>-.028421</b> | <b>-.000128</b> | <b>-.000562</b> | <b>-.061024</b> | <b>.0004181</b> | <b>.0003474</b> |
| Stddev | .000236         | .005503         | .000327         | .000274         | .129443         | .0008849        | .0000513        |
| %RSD   | 374.3692        | 19.36399        | 256.7648        | 48.66315        | 212.1173        | 211.6255        | 14.77864        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000176</b> | <b>-.032282</b> | <b>-.000142</b> | <b>-.000662</b> | <b>-.205527</b> | <b>.0014326</b> | <b>.0003990</b> |
| #2 | <b>-.000222</b> | <b>-.022119</b> | <b>-.000448</b> | <b>-.000253</b> | <b>.044314</b>  | <b>.0000171</b> | <b>.0003470</b> |
| #3 | <b>.000208</b>  | <b>-.030860</b> | <b>.000207</b>  | <b>-.000772</b> | <b>-.021859</b> | <b>-.000195</b> | <b>.0002963</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.033987</b> | <b>-.001747</b> | <b>-.010223</b> | <b>.0003872</b> | <b>.0028050</b> | <b>.0005761</b> | <b>-.001746</b> |
| Stddev | .018784         | .001573         | .000551         | .0002988        | .0008385        | .0005068        | .000893         |
| %RSD   | 55.26655        | 90.01182        | 5.391304        | 77.18183        | 29.89088        | 87.97414        | 51.17210        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.049507</b> | <b>-.003523</b> | <b>-.010592</b> | <b>.0004324</b> | <b>.0037680</b> | <b>.0000571</b> | <b>-.001374</b> |
| #2 | <b>-.013106</b> | <b>-.001190</b> | <b>-.010488</b> | <b>.0000683</b> | <b>.0022365</b> | <b>.0010698</b> | <b>-.002765</b> |
| #3 | <b>-.039350</b> | <b>-.000529</b> | <b>-.009589</b> | <b>.0006608</b> | <b>.0024107</b> | <b>.0006013</b> | <b>-.001098</b> |

Sample Name: PB154325TB      Acquired: 07/21/2023 19:45:53      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0015605 | -.000146 | .0000133 |
| Stddev | .0003058 | .000680  | .0000565 |
| %RSD   | 19.59318 | 466.2041 | 424.1786 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0017382 | .000111  | .0000783 |
| #2 | .0017359 | -.000917 | -.000014 |
| #3 | .0012075 | .000368  | -.000024 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1186.311 | 1528.808 | 41081.63 | 6988.053 | 1710.640 |
| Stddev    | 9.572    | 11.458   | 573.65   | 44.678   | 8.695    |
| %RSD      | .8068297 | .7494926 | 1.396366 | .6393536 | .5082996 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1178.742 | 1516.118 | 40645.31 | 6950.830 | 1701.023 |
| #2 | 1183.120 | 1538.395 | 40868.19 | 7037.600 | 1717.948 |
| #3 | 1197.070 | 1531.912 | 41731.41 | 6975.730 | 1712.948 |

Sample Name: O3679-01      Acquired: 07/21/2023 19:49:57      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0391419 | .0127576 | .0927572 | .0086184 | -.003083 | 215.8955 |
| Stddev | .0012015 | .0020910 | .0016273 | .0131699 | .001140  | 3.6356   |
| %RSD   | 3.069600 | 16.39058 | 1.754350 | 152.8127 | 36.96303 | 1.683947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0405168 | .0151608 | .0922570 | .0065305 | -.003726 | 211.9419 |
| #2 | .0382939 | .0113540 | .0914387 | -.003383 | -.003756 | 219.0946 |
| #3 | .0386149 | .0117580 | .0945759 | .022708  | -.001767 | 216.6501 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1630753 | .0095632 | .0075380 | 303.7881 | .0409817 | .1490230 |
| Stddev | .0017267 | .0002186 | .0001545 | 4.7616   | .0006727 | .0032845 |
| %RSD   | 1.058822 | 2.286243 | 2.049838 | 1.567404 | 1.641539 | 2.203996 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1611162 | .0095178 | .0074925 | 298.3659 | .0414188 | .1473877 |
| #2 | .1643755 | .0098009 | .0074113 | 307.2882 | .0402070 | .1468772 |
| #3 | .1637342 | .0093708 | .0077101 | 305.7102 | .0413193 | .1528041 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1435200 | 34.57368 | 22.62544 | 36.61284 | .1286521 | -.001975 |
| Stddev | .0041941 | .59702   | .41388   | .75902   | .0033862 | .000240  |
| %RSD   | 2.922314 | 1.726812 | 1.829284 | 2.073097 | 2.632022 | 12.16254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1386961 | 33.89544 | 22.15198 | 35.74036 | .1263924 | -.002012 |
| #2 | .1463042 | 35.01969 | 22.91850 | 37.12119 | .1270185 | -.002194 |
| #3 | .1455595 | 34.80591 | 22.80585 | 36.97696 | .1325453 | -.001718 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 18.81573 | .1814239 | 3.142891 | 19.34553 | F 29.61020 | 1.092247 |
| Stddev | .27038   | .0027000 | .010069  | .28565   | .51002     | .016918  |
| %RSD   | 1.437008 | 1.488222 | .3203832 | 1.476580 | 1.722446   | 1.548953 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 18.54037 | .1783302 | 3.135159 | 19.06519 | 29.35502 | 1.084782 |
| #2 | 19.08084 | .1833050 | 3.139237 | 19.63622 | 29.27813 | 1.111614 |
| #3 | 18.82599 | .1826364 | 3.154277 | 19.33518 | 30.19744 | 1.080345 |

Sample Name: O3679-01      Acquired: 07/21/2023 19:49:57      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001375</b> | <b>F 850.0482</b> | <b>F 40.13871</b> | <b>-.003721</b> | <b>-.001044</b> | <b>.0061125</b> |
| Stddev | .000509         | 15.1047           | .60501            | .001328         | .000470         | .0004187        |
| %RSD   | 37.02752        | 1.776927          | 1.507295          | 35.67549        | 45.07304        | 6.849592        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000839 | 842.2190 | 39.82497 | -.002229 | -.000863 | .0065109 |
| #2 | -.001433 | 840.4654 | 40.83614 | -.004161 | -.001577 | .0061504 |
| #3 | -.001853 | 867.4603 | 39.75501 | -.004773 | -.000690 | .0056762 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.9839824</b> |
| Stddev | .0173954        |
| %RSD   | 1.767857        |

|    |          |
|----|----------|
| #1 | .9661261 |
| #2 | 1.000877 |
| #3 | .984944  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1556.759</b> | <b>2004.068</b> | <b>54860.96</b> | <b>9933.666</b> | <b>1450.887</b> |
| Stddev    | 9.007           | 20.407          | 10.37           | 93.765          | 22.282          |
| %RSD      | .5786031        | 1.018296        | .0188968        | .9439135        | 1.535724        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1561.466 | 2011.749 | 54854.29 | 9993.976 | 1461.652 |
| #2 | 1562.438 | 2019.521 | 54872.91 | 9825.640 | 1465.741 |
| #3 | 1546.373 | 1980.935 | 54855.69 | 9981.383 | 1425.267 |

Sample Name: O3679-02      Acquired: 07/21/2023 19:53:51      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0347178 | .0119431 | .1256955 | .0033531 | .0006619 | 184.9654 |
| Stddev | .0069435 | .0010569 | .0015889 | .0061884 | .0025746 | 1.1366   |
| %RSD   | 19.99983 | 8.849105 | 1.264086 | 184.5558 | 388.9675 | .6144927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0383276 | .0131071 | .1274172 | .0022103 | -.001674 | 184.0554 |
| #2 | .0391129 | .0110437 | .1253840 | .0100333 | .003422  | 186.2394 |
| #3 | .0267130 | .0116784 | .1242855 | -.002184 | .000237  | 184.6016 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1526324 | .0074449 | .0062477 | 195.6722 | .0335085 | .1188283 |
| Stddev | .0007436 | .0000827 | .0001105 | .9075    | .0004690 | .0002334 |
| %RSD   | .4871981 | 1.110742 | 1.769300 | .4637731 | 1.399528 | .1964433 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1520815 | .0074328 | .0062167 | 194.6857 | .0339836 | .1185749 |
| #2 | .1534782 | .0075330 | .0063704 | 196.4715 | .0330459 | .1188756 |
| #3 | .1523374 | .0073689 | .0061560 | 195.8594 | .0334959 | .1190345 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1523639 | 38.24322 | 17.49441 | 27.40821 | .1126438 | -.002523 |
| Stddev | .0020908 | .18205   | .07138   | .18214   | .0005257 | .000307  |
| %RSD   | 1.372230 | .4760377 | .4080270 | .6645474 | .4667029 | 12.14766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1505771 | 38.11770 | 17.42285 | 27.20588 | .1124166 | -.002711 |
| #2 | .1546633 | 38.45201 | 17.56562 | 27.55910 | .1132450 | -.002689 |
| #3 | .1518513 | 38.15994 | 17.49476 | 27.45966 | .1122700 | -.002170 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 16.67224 | .2011934 | 2.486745 | 15.40096 | F 12.67233 | 1.044188 |
| Stddev | .08153   | .0018185 | .016253  | .11817   | .05482     | .004629  |
| %RSD   | .4889937 | .9038476 | .6535650 | .7672987 | .4326214   | .4432985 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.64676 | .2005247 | 2.497346 | 15.41034 | 12.61277 | 1.045659 |
| #2 | 16.76346 | .1998039 | 2.494856 | 15.51416 | 12.68353 | 1.047903 |
| #3 | 16.60650 | .2032515 | 2.468034 | 15.27837 | 12.72069 | 1.039002 |

Sample Name: O3679-02      Acquired: 07/21/2023 19:53:51      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001870</b> | <b>F 776.6352</b> | <b>F 32.89366</b> | <b>-.007737</b> | <b>.0078274</b> | <b>.0031587</b> |
| Stddev | .000204         | 3.0701            | .07141            | .000834         | .0006128        | .0002929        |
| %RSD   | 10.91245        | .3953081          | .2170979          | 10.77777        | 7.829217        | 9.273695        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002002</b> | <b>773.8993</b> | <b>32.88916</b> | <b>-.007805</b> | <b>.0080449</b> | <b>.0028868</b> |
| #2 | <b>-.001635</b> | <b>776.0510</b> | <b>32.96721</b> | <b>-.008534</b> | <b>.0083018</b> | <b>.0034689</b> |
| #3 | <b>-.001974</b> | <b>779.9555</b> | <b>32.82460</b> | <b>-.006871</b> | <b>.0071355</b> | <b>.0031203</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.6306675</b> |
| Stddev | .0049835        |
| %RSD   | .7901944        |

|    |                 |
|----|-----------------|
| #1 | <b>.6288997</b> |
| #2 | <b>.6362939</b> |
| #3 | <b>.6268088</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1611.023</b> | <b>2080.540</b> | <b>56345.56</b> | <b>10054.06</b> | <b>1519.888</b> |
| Stddev    | 24.184          | 3.175           | 673.49          | 87.39           | 3.735           |
| %RSD      | 1.501129        | .1526260        | 1.195289        | .8692498        | .2457178        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1597.084</b> | <b>2083.875</b> | <b>55900.60</b> | <b>10018.54</b> | <b>1522.866</b> |
| #2 | <b>1597.036</b> | <b>2080.193</b> | <b>56015.69</b> | <b>9990.01</b>  | <b>1521.099</b> |
| #3 | <b>1638.947</b> | <b>2077.552</b> | <b>57120.40</b> | <b>10153.62</b> | <b>1515.698</b> |

Sample Name: O3679-03      Acquired: 07/21/2023 19:57:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156653 | .0094770 | .0673995 | .0280803 | .0031798 | 340.0047 |
| Stddev | .0037185 | .0089159 | .0041915 | .0101792 | .0011994 | 6.4389   |
| %RSD   | 23.73694 | 94.07979 | 6.218861 | 36.25039 | 37.71821 | 1.893774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0140678 | -.000686 | .0707080 | .0384716 | .0020524 | 333.0576 |
| #2 | .0130126 | .013136  | .0688046 | .0181272 | .0044401 | 345.7723 |
| #3 | .0199156 | .015981  | .0626860 | .0276422 | .0030470 | 341.1842 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1868870 | .0059837 | .0055715 | 303.8938 | .0259563 | .1571974 |
| Stddev | .0026309 | .0000213 | .0000587 | 5.1463   | .0001220 | .0007155 |
| %RSD   | 1.407769 | .3564135 | 1.052759 | 1.693468 | .4701499 | .4551324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1842009 | .0060070 | .0055787 | 298.8089 | .0258162 | .1579585 |
| #2 | .1894590 | .0059651 | .0056262 | 309.0995 | .0260133 | .1570954 |
| #3 | .1870012 | .0059791 | .0055096 | 303.7731 | .0260394 | .1565385 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0469944 | 24.40903 | 41.03838 | 39.43790 | .1429178 | -.000201 |
| Stddev | .0008847 | .39717   | .68658   | .74002   | .0009245 | .000263  |
| %RSD   | 1.882527 | 1.627152 | 1.673008 | 1.876415 | .6469047 | 130.3905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0474751 | 23.98792 | 40.35269 | 38.62876 | .1436988 | -.000484 |
| #2 | .0459735 | 24.77690 | 41.72584 | 40.08037 | .1431577 | .000035  |
| #3 | .0475347 | 24.46226 | 41.03661 | 39.60457 | .1418970 | -.000155 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.05836 | -.010191 | 2.368033 | 21.07140 | 2.191524 | .7725929 |
| Stddev | .20319   | .002436  | .001368  | .40807   | .013699  | .0082492 |
| %RSD   | 1.191118 | 23.90104 | .0577758 | 1.936620 | .6251002 | 1.067732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 16.83820 | -.012978 | 2.366886 | 20.63807 | 2.204203 | .7669202 |
| #2 | 17.09823 | -.009129 | 2.369547 | 21.44835 | 2.176993 | .7820561 |
| #3 | 17.23866 | -.008467 | 2.367665 | 21.12777 | 2.193378 | .7688025 |

Sample Name: O3679-03      Acquired: 07/21/2023 19:57:46      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS Custom ID2:      Custom ID3:  
Comment:

|        |                  |                   |                   |                  |                  |                 |
|--------|------------------|-------------------|-------------------|------------------|------------------|-----------------|
| Elem   | Mo2020           | S_1820            | Si2516            | Sn1899           | Ti3361           | Li6707          |
| Units  | ppm              | ppm               | ppm               | ppm              | ppm              | ppm             |
| Avg    | <b>-0.002936</b> | <b>F 837.9734</b> | <b>F 56.40250</b> | <b>-0.010362</b> | <b>-0.001769</b> | <b>.0162456</b> |
| Stddev | .000573          | .4517             | .72864            | .003453          | .001002          | .0009157        |
| %RSD   | 19.50111         | .0539033          | 1.291856          | 33.32213         | 56.66813         | 5.636561        |

|    |           |          |          |           |           |          |
|----|-----------|----------|----------|-----------|-----------|----------|
| #1 | -0.002282 | 838.1757 | 55.75699 | -0.009361 | -0.000880 | .0152738 |
| #2 | -0.003345 | 837.4560 | 57.19259 | -0.007520 | -0.001571 | .0170923 |
| #3 | -0.003181 | 838.2887 | 56.25792 | -0.014205 | -0.002855 | .0163706 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>1.065743</b> |
| Stddev | .021831         |
| %RSD   | 2.048424        |

|    |                 |
|----|-----------------|
| #1 | <b>1.042017</b> |
| #2 | <b>1.084983</b> |
| #3 | <b>1.070227</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1350.191</b> | <b>1742.716</b> | <b>47392.61</b> | <b>8736.162</b> | <b>1470.932</b> |
| Stddev    | 11.624          | 1.467           | 288.81          | 126.063         | .857            |
| %RSD      | .8609505        | .0841837        | .6093887        | 1.442997        | .0582629        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1342.665 | 1742.543 | 47366.07 | 8766.860 | 1469.950 |
| #2 | 1344.330 | 1744.261 | 47117.99 | 8597.585 | 1471.530 |
| #3 | 1363.580 | 1741.342 | 47693.77 | 8844.040 | 1471.316 |

Sample Name: O3679-04      Acquired: 07/21/2023 20:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204046 | .0130264 | .1066241 | .0096958 | .0018499 | 223.2943 |
| Stddev | .0047203 | .0035288 | .0020324 | .0015482 | .0016549 | 1.5078   |
| %RSD   | 23.13381 | 27.08921 | 1.906118 | 15.96797 | 89.45985 | .6752415 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0188803 | .0089646 | .1079227 | .0082203 | .0034550 | 221.5701 |
| #2 | .0256987 | .0153376 | .1042820 | .0113078 | .0019455 | 223.9476 |
| #3 | .0166347 | .0147771 | .1076677 | .0095594 | .0001493 | 224.3653 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1379684 | .0119501 | .0116753 | 269.6761 | .0447196 | .2352975 |
| Stddev | .0009560 | .0000373 | .0002319 | 2.2214   | .0007131 | .0002102 |
| %RSD   | .6929465 | .3122815 | 1.986172 | .8237460 | 1.594574 | .0893183 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1368803 | .0119928 | .0118138 | 267.1985 | .0452947 | .2351754 |
| #2 | .1383512 | .0119338 | .0118044 | 270.3397 | .0439217 | .2351769 |
| #3 | .1386737 | .0119237 | .0114076 | 271.4901 | .0449423 | .2355401 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1411651 | 34.92706 | 23.21694 | 36.76653 | .1604192 | -.002237 |
| Stddev | .0027038 | .25710   | .14634   | .28826   | .0014260 | .000292  |
| %RSD   | 1.915327 | .7360944 | .6302999 | .7840168 | .8889397 | 13.04677 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1381337 | 34.65734 | 23.06541 | 36.52468 | .1616901 | -.002550 |
| #2 | .1420338 | 34.95453 | 23.22794 | 36.68941 | .1606905 | -.001972 |
| #3 | .1433277 | 35.16933 | 23.35746 | 37.08551 | .1588770 | -.002188 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.09781 | .1848778 | 2.345697 | 21.01069 | 4.820507 | .7001076 |
| Stddev | .13330   | .0020796 | .015076  | .13612   | .023092  | .0021254 |
| %RSD   | .9455085 | 1.124837 | .6427085 | .6478814 | .4790326 | .3035800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.22983 | .1848636 | 2.340386 | 20.85561 | 4.840897 | .7014777 |
| #2 | 14.10034 | .1828054 | 2.333995 | 21.06599 | 4.825193 | .7011859 |
| #3 | 13.96327 | .1869645 | 2.362710 | 21.11045 | 4.795432 | .6976592 |

Sample Name: O3679-04      Acquired: 07/21/2023 20:01:40      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001734</b> | <b>F 838.1997</b> | <b>F 41.32530</b> | <b>-.009055</b> | <b>-.000185</b> | <b>.0073068</b> |
| Stddev | .000650         | 2.9316            | .09631            | .001818         | .000365         | .0002841        |
| %RSD   | 37.47544        | .3497446          | .2330622          | 20.07414        | 196.7095        | 3.888379        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001098 | 840.9902 | 41.41180 | -.008445 | .000233  | .0076295 |
| #2 | -.001707 | 838.4640 | 41.34260 | -.011099 | -.000438 | .0071967 |
| #3 | -.002397 | 835.1450 | 41.22151 | -.007620 | -.000351 | .0070942 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8700308</b> |
| Stddev | .0057733        |
| %RSD   | .6635743        |

|    |          |
|----|----------|
| #1 | .8633672 |
| #2 | .8735310 |
| #3 | .8731941 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1673.435</b> | <b>2157.570</b> | <b>58629.76</b> | <b>10537.11</b> | <b>1464.395</b> |
| Stddev    | 12.124          | 4.365           | 185.29          | 45.62           | 4.345           |
| %RSD      | .7245219        | .2023057        | .3160420        | .4329036        | .2967269        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1687.413 | 2152.814 | 58783.92 | 10511.95 | 1459.402 |
| #2 | 1667.132 | 2161.394 | 58424.19 | 10509.62 | 1467.322 |
| #3 | 1665.760 | 2158.502 | 58681.18 | 10589.76 | 1466.461 |

Sample Name: O3679-05      Acquired: 07/21/2023 20:05:35      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0304472 | .0077113 | .1168879 | .0119553 | .0019510 | 203.7167 |
| Stddev | .0020875 | .0028223 | .0030388 | .0101213 | .0021875 | .8459    |
| %RSD   | 6.856174 | 36.59889 | 2.599764 | 84.65991 | 112.1213 | .4152269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0324612 | .0082888 | .1166318 | .0064714 | .0015399 | 203.7966 |
| #2 | .0305872 | .0046450 | .1200467 | .0057592 | -.000002 | 202.8338 |
| #3 | .0282932 | .0102001 | .1139853 | .0236351 | .004315  | 204.5199 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1542791 | .0071743 | .0044954 | 328.0350 | .0309689 | .1026178 |
| Stddev | .0004637 | .0001540 | .0000884 | 1.8813   | .0004481 | .0001492 |
| %RSD   | .3005471 | 2.146846 | 1.966313 | .5735152 | 1.446879 | .1454181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1538589 | .0070780 | .0045920 | 326.7023 | .0312257 | .1024623 |
| #2 | .1542018 | .0070930 | .0044756 | 327.2157 | .0304515 | .1027598 |
| #3 | .1547766 | .0073520 | .0044185 | 330.1871 | .0312295 | .1026315 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1120598 | 30.70392 | 17.93448 | 98.20735 | .0924266 | -.002298 |
| Stddev | .0016212 | .16461   | .06375   | .66344   | .0008789 | .000283  |
| %RSD   | 1.446693 | .5361203 | .3554400 | .6755507 | .9509483 | 12.32042 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1119493 | 30.63751 | 17.91954 | 97.96325 | .0914888 | -.002615 |
| #2 | .1137333 | 30.58288 | 17.87953 | 97.70055 | .0925594 | -.002069 |
| #3 | .1104966 | 30.89136 | 18.00437 | 98.95826 | .0932315 | -.002212 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 11.06796 | .1631125 | 1.746062 | 14.14331 | F 11.59695 | .6572776 |
| Stddev | .15441   | .0039216 | .003855  | .05564   | .06398     | .0054341 |
| %RSD   | 1.395141 | 2.404224 | .2208067 | .3933986 | .5516852   | .8267567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.19805 | .1586174 | 1.745739 | 14.15897 | 11.57113 | .6546578 |
| #2 | 10.89732 | .1648862 | 1.742379 | 14.08151 | 11.54992 | .6536497 |
| #3 | 11.10852 | .1658339 | 1.750069 | 14.18944 | 11.66981 | .6635253 |

Sample Name: O3679-05      Acquired: 07/21/2023 20:05:35      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CMC-EME-TOPS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001440</b> | <b>F 886.8809</b> | <b>F 34.60436</b> | <b>-.008122</b> | <b>-.001634</b> | <b>.0058565</b> |
| Stddev | .000296         | 6.1627            | .20479            | .001451         | .000922         | .0005004        |
| %RSD   | 20.54404        | .6948734          | .5918038          | 17.85943        | 56.44270        | 8.544554        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001207</b> | <b>884.5772</b> | <b>34.44679</b> | <b>-.007135</b> | <b>-.000623</b> | <b>.0058220</b> |
| #2 | <b>-.001773</b> | <b>882.2020</b> | <b>34.53044</b> | <b>-.009787</b> | <b>-.001850</b> | <b>.0053742</b> |
| #3 | <b>-.001341</b> | <b>893.8636</b> | <b>34.83584</b> | <b>-.007443</b> | <b>-.002429</b> | <b>.0063732</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.7183372</b> |
| Stddev | .0039428        |
| %RSD   | .5488790        |

|    |                 |
|----|-----------------|
| #1 | <b>.7221820</b> |
| #2 | <b>.7143032</b> |
| #3 | <b>.7185264</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1509.681</b> | <b>1953.190</b> | <b>53059.67</b> | <b>9538.046</b> | <b>1430.979</b> |
| Stddev    | 12.625          | 7.056           | 432.52          | 69.935          | 6.496           |
| %RSD      | .8362741        | .3612582        | .8151575        | .7332196        | .4539595        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1495.259</b> | <b>1959.878</b> | <b>52575.20</b> | <b>9503.334</b> | <b>1434.232</b> |
| #2 | <b>1518.739</b> | <b>1953.876</b> | <b>53406.98</b> | <b>9618.547</b> | <b>1435.205</b> |
| #3 | <b>1515.044</b> | <b>1945.816</b> | <b>53196.82</b> | <b>9492.259</b> | <b>1423.499</b> |

Sample Name: O3679-05DUP      Acquired: 07/21/2023 20:09:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0322153 | .0086934 | .1137439 | .0048991 | .0023883 | 201.1495 |
| Stddev | .0033512 | .0006530 | .0032240 | .0062288 | .0012243 | 2.7935   |
| %RSD   | 10.40250 | 7.511773 | 2.834452 | 127.1425 | 51.26246 | 1.388759 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0358564 | .0093731 | .1132119 | .0071799 | .0012754 | 198.0363 |
| #2 | .0292601 | .0080708 | .1108190 | .0096659 | .0036997 | 201.9750 |
| #3 | .0315293 | .0086364 | .1172009 | -.002149 | .0021898 | 203.4372 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1513349 | .0071450 | .0046099 | 323.9289 | .0311188 | .1013839 |
| Stddev | .0011700 | .0000455 | .0002305 | 3.4317   | .0004662 | .0007241 |
| %RSD   | .7731369 | .6363160 | 5.001231 | 1.059389 | 1.498258 | .7142356 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1499997 | .0070975 | .0043464 | 320.0214 | .0306401 | .1022197 |
| #2 | .1518239 | .0071881 | .0047086 | 325.3121 | .0311448 | .1009473 |
| #3 | .1521812 | .0071494 | .0047746 | 326.4530 | .0315715 | .1009846 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1108862 | 30.66433 | 17.72787 | 98.02680 | .0917034 | -.002336 |
| Stddev | .0026588 | .25796   | .18765   | 1.06589  | .0005989 | .000101  |
| %RSD   | 2.397782 | .8412370 | 1.058501 | 1.087343 | .6530379 | 4.335080 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1093496 | 30.37487 | 17.51766 | 96.80227 | .0916657 | -.002386 |
| #2 | .1093526 | 30.74819 | 17.78745 | 98.53176 | .0911243 | -.002220 |
| #3 | .1139563 | 30.86993 | 17.87849 | 98.74636 | .0923202 | -.002403 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 11.33058 | .1584212 | 1.730340 | 13.94098 | F 11.44247 | .6606593 |
| Stddev | .21282   | .0040249 | .005502  | .20622   | .01485     | .0022696 |
| %RSD   | 1.878285 | 2.540614 | .3179789 | 1.479214 | .1297903   | .3435348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.23910 | .1571491 | 1.724170 | 13.73291 | 11.42569 | .6584032 |
| #2 | 11.17880 | .1629284 | 1.734736 | 13.94474 | 11.45391 | .6629421 |
| #3 | 11.57385 | .1551861 | 1.732115 | 14.14530 | 11.44782 | .6606328 |

Sample Name: O3679-05DUP      Acquired: 07/21/2023 20:09:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.001609</b> | <b>F 873.9587</b> | <b>F 34.77125</b> | <b>-.007541</b> | <b>-.001113</b> | <b>.0054978</b> |
| Stddev | .000398         | .5768             | .18221            | .002996         | .000143         | .0003833        |
| %RSD   | 24.74127        | .0660040          | .5240158          | 39.73123        | 12.89460        | 6.972526        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001200 | 874.0734 | 34.56340 | -.010948 | -.001193 | .0059248 |
| #2 | -.001633 | 873.3331 | 34.90346 | -.005314 | -.001198 | .0053856 |
| #3 | -.001995 | 874.4696 | 34.84688 | -.006361 | -.000947 | .0051832 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.7114659</b> |
| Stddev | .0096957        |
| %RSD   | 1.362778        |

|    |          |
|----|----------|
| #1 | .7005637 |
| #2 | .7147117 |
| #3 | .7191222 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1533.920</b> | <b>1985.852</b> | <b>53981.22</b> | <b>9604.638</b> | <b>1455.376</b> |
| Stddev    | 5.577           | 6.200           | 336.16          | 27.676          | 2.022           |
| %RSD      | .3635850        | .3122109        | .6227430        | .2881548        | .1389256        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1535.575 | 1979.035 | 53808.67 | 9633.969 | 1453.042 |
| #2 | 1527.703 | 1991.154 | 53766.36 | 9578.984 | 1456.581 |
| #3 | 1538.483 | 1987.367 | 54368.61 | 9600.960 | 1456.505 |

Sample Name: CCB06      Acquired: 07/21/2023 20:17:25      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.008049</b> | <b>-.000364</b> | <b>-.000044</b> | <b>.0036582</b> | <b>.0012428</b> | <b>.0017468</b> |
| Stddev | .003764         | .001117         | .002203         | .0020839        | .0013814        | .0034367        |
| %RSD   | 46.75544        | 307.3619        | 5009.514        | 56.96526        | 111.1474        | 196.7381        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004543</b> | <b>.000728</b>  | <b>-.001673</b> | <b>.0047638</b> | <b>.0028203</b> | <b>.0042270</b> |
| #2 | <b>-.012026</b> | <b>-.000314</b> | <b>.002463</b>  | <b>.0012545</b> | <b>.0002496</b> | <b>-.002176</b> |
| #3 | <b>-.007579</b> | <b>-.001505</b> | <b>-.000922</b> | <b>.0049564</b> | <b>.0006586</b> | <b>.003190</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0022278</b> | <b>.0000220</b> | <b>.0001319</b> | <b>.0115493</b> | <b>.0002423</b> | <b>.0003560</b> |
| Stddev | .0001824        | .0000127        | .0000752        | .0064265        | .0001830        | .0000853        |
| %RSD   | 8.189065        | 57.56700        | 57.02557        | 55.64395        | 75.50437        | 23.95864        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0021238</b> | <b>.0000200</b> | <b>.0002111</b> | <b>.0051928</b> | <b>.0003078</b> | <b>.0004292</b> |
| #2 | <b>.0021211</b> | <b>.0000356</b> | <b>.0001233</b> | <b>.0114117</b> | <b>.0003836</b> | <b>.0003764</b> |
| #3 | <b>.0024384</b> | <b>.0000105</b> | <b>.0000613</b> | <b>.0180435</b> | <b>.0000356</b> | <b>.0002623</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001420</b> | <b>.0076629</b> | <b>.0000662</b> | <b>-.003037</b> | <b>-.000127</b> | <b>-.000285</b> |
| Stddev | .002297         | .0040772        | .0004618        | .013394         | .000287         | .000124         |
| %RSD   | 161.8371        | 53.20722        | 697.4027        | 440.9904        | 225.5690        | 43.56303        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003003</b> | <b>.0123612</b> | <b>.0005299</b> | <b>-.001122</b> | <b>-.000322</b> | <b>-.000212</b> |
| #2 | <b>-.002471</b> | <b>.0050535</b> | <b>-.000394</b> | <b>.009296</b>  | <b>.000203</b>  | <b>-.000429</b> |
| #3 | <b>.001215</b>  | <b>.0055739</b> | <b>.000063</b>  | <b>-.017286</b> | <b>-.000263</b> | <b>-.000215</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.025787</b> | <b>-.001586</b> | <b>.0003458</b> | <b>-.026316</b> | <b>-.001127</b> | <b>.0011829</b> |
| Stddev | .210744         | .000750         | .0003804        | .024517         | .002238         | .0003531        |
| %RSD   | 817.2390        | 47.27432        | 110.0097        | 93.16685        | 198.5759        | 29.84824        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.112888</b>  | <b>-.000794</b> | <b>.0004007</b> | <b>.000390</b>  | <b>-.003488</b> | <b>.0009477</b> |
| #2 | <b>.078051</b>  | <b>-.002285</b> | <b>.0006958</b> | <b>-.031531</b> | <b>-.000859</b> | <b>.0010122</b> |
| #3 | <b>-.268301</b> | <b>-.001680</b> | <b>-.000059</b> | <b>-.047806</b> | <b>.000965</b>  | <b>.0015889</b> |

Sample Name: CCB06      Acquired: 07/21/2023 20:17:25      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012148 | F .0796490 | .0090367 | -.000817 | .0021223 | .0015163 |
| Stddev | .0003057 | .0074548   | .0011737 | .000618  | .0001062 | .0003310 |
| %RSD   | 25.16519 | 9.359614   | 12.98778 | 75.67337 | 5.004587 | 21.83170 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0015127 | .0870288 | .0103637 | -.001296 | .0022418 | .0018949 |
| #2 | .0012299 | .0797970 | .0086117 | -.000119 | .0020387 | .0013729 |
| #3 | .0009018 | .0721213 | .0081348 | -.001034 | .0020864 | .0012812 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0007296 |
| Stddev | .0000555 |
| %RSD   | 7.608589 |

|    |          |
|----|----------|
| #1 | .0006656 |
| #2 | .0007643 |
| #3 | .0007590 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1172.238 | 1510.063 | 40032.58 | 6771.007 | 1677.987 |
| Stddev    | 11.327   | 1.075    | 138.60   | 41.750   | 2.282    |
| %RSD      | .9662853 | .0712186 | .3462171 | .6165971 | .1360166 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1159.345 | 1511.159 | 39996.46 | 6760.970 | 1676.227 |
| #2 | 1176.782 | 1509.009 | 40185.67 | 6735.190 | 1677.170 |
| #3 | 1180.589 | 1510.022 | 39915.62 | 6816.860 | 1680.566 |

Sample Name: O3679-05LX5      Acquired: 07/21/2023 20:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046523 | .0004514 | .0289557 | .0047292 | .0007895 | 56.29584 |
| Stddev | .0077914 | .0023241 | .0002557 | .0020374 | .0012280 | .16530   |
| %RSD   | 167.4736 | 514.8392 | .8830277 | 43.08183 | 155.5560 | .2936269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002262 | .0000015 | .0292487 | .0070658 | .0008509 | 56.11139 |
| #2 | .003124  | -.001615 | .0288405 | .0033235 | -.000468 | 56.43059 |
| #3 | .013095  | .002968  | .0287778 | .0037983 | .001986  | 56.34554 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0442996 | .0022126 | .0009757 | 93.09320 | .0095274 | .0206067 |
| Stddev | .0004613 | .0000316 | .0002321 | .76195   | .0005714 | .0001449 |
| %RSD   | 1.041399 | 1.430336 | 23.78473 | .8184789 | 5.997633 | .7031127 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0437972 | .0022068 | .0012418 | 92.21522 | .0101683 | .0207730 |
| #2 | .0447041 | .0022467 | .0008697 | 93.48292 | .0090708 | .0205396 |
| #3 | .0443974 | .0021842 | .0008155 | 93.58147 | .0093433 | .0205075 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0301278 | 9.039974 | 5.297837 | 27.83385 | .0199637 | -.001087 |
| Stddev | .0015161 | .098869  | .043228  | .30928   | .0003954 | .000282  |
| %RSD   | 5.032121 | 1.093686 | .8159477 | 1.111178 | 1.980663 | 25.90618 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0314833 | 8.936408 | 5.248339 | 27.47717 | .0203968 | -.001304 |
| #2 | .0284907 | 9.050155 | 5.317006 | 27.99655 | .0198722 | -.001189 |
| #3 | .0304095 | 9.133358 | 5.328165 | 28.02782 | .0196220 | -.000769 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.164057 | .0448740 | .5042638 | 3.935124 | 2.459035 | .1961715 |
| Stddev | .206600  | .0019844 | .0011607 | .047604  | .010693  | .0004857 |
| %RSD   | 6.529593 | 4.422059 | .2301832 | 1.209733 | .4348249 | .2475818 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.925838 | .0466166 | .5033673 | 3.949465 | 2.469735 | .1956387 |
| #2 | 3.294229 | .0427142 | .5055749 | 3.973909 | 2.459021 | .1965895 |
| #3 | 3.272103 | .0452912 | .5038493 | 3.881997 | 2.448350 | .1962865 |

Sample Name: O3679-05LX5      Acquired: 07/21/2023 20:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>-.000718</b> | <b>F 194.0991</b> | <b>F 10.29953</b> | <b>-.006185</b> | <b>.0007025</b> | <b>.0023171</b> |
| Stddev | .000307         | .5507             | .01729            | .000555         | .0011121        | .0012441        |
| %RSD   | 42.76270        | .2837439          | .1678644          | 8.975246        | 158.3151        | 53.68940        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001059 | 194.7253 | 10.28272 | -.005908 | .0019864 | .0018120 |
| #2 | -.000463 | 193.8819 | 10.31726 | -.006824 | .0000388 | .0014051 |
| #3 | -.000633 | 193.6900 | 10.29861 | -.005823 | .0000822 | .0037343 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2032362</b> |
| Stddev | .0006266        |
| %RSD   | .3083316        |

|    |                 |
|----|-----------------|
| #1 | <b>.2034685</b> |
| #2 | <b>.2037135</b> |
| #3 | <b>.2025265</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1273.288</b> | <b>1630.347</b> | <b>43799.85</b> | <b>7638.519</b> | <b>1629.624</b> |
| Stddev    | 8.381           | 6.735           | 230.72          | 14.085          | 2.423           |
| %RSD      | .6581933        | .4131171        | .5267633        | .1843996        | .1486723        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1271.523 | 1637.424 | 43617.97 | 7643.313 | 1632.392 |
| #2 | 1265.931 | 1629.601 | 43722.21 | 7622.662 | 1627.891 |
| #3 | 1282.411 | 1624.016 | 44059.38 | 7649.581 | 1628.589 |

Sample Name: CCV06      Acquired: 07/21/2023 20:13:24      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.090473 | 4.997237 | 5.167828 | 5.220787 | 5.198673 | 9.976875 | 9.918042 |
| Stddev | .023745  | .034810  | .022356  | .010878  | .024917  | .075345  | .145225  |
| %RSD   | .4664658 | .6965796 | .4325912 | .2083573 | .4792934 | .7551950 | 1.464247 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.085800 | 4.968003 | 5.150616 | 5.214298 | 5.184943 | 10.05510 | 10.08526 |
| #2 | 5.069411 | 4.987964 | 5.159772 | 5.214717 | 5.183640 | 9.90479  | 9.84530  |
| #3 | 5.116207 | 5.035744 | 5.193095 | 5.233345 | 5.227434 | 9.97073  | 9.82356  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2652150 | 2.607412 | 25.99762 | 1.038297 | 2.576548 | 1.185030 | 5.173486 |
| Stddev | .0017533 | .014501  | .17093   | .001022  | .011853  | .007865  | .046858  |
| %RSD   | .6610738 | .5561472 | .6575016 | .0984545 | .4600313 | .6636873 | .9057278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2671937 | 2.592652 | 26.19468 | 1.037986 | 2.564781 | 1.193586 | 5.227524 |
| #2 | .2645966 | 2.607945 | 25.88947 | 1.037465 | 2.576377 | 1.178114 | 5.144104 |
| #3 | .2638548 | 2.621639 | 25.90869 | 1.039438 | 2.588485 | 1.183391 | 5.148831 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.573911 | 26.01836 | 2.577517 | 1.331312 | 24.79097 | 2.523174 | 2.634468 |
| Stddev | .011408  | .12343   | .015107  | .004257  | .13336   | .021811  | .004900  |
| %RSD   | .4432032 | .4743887 | .5861038 | .3197777 | .5379417 | .8644321 | .1860013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.586547 | 26.15826 | 2.563367 | 1.331440 | 24.76265 | 2.547258 | 2.635767 |
| #2 | 2.570815 | 25.97198 | 2.575758 | 1.326992 | 24.67404 | 2.517509 | 2.638588 |
| #3 | 2.564371 | 25.92485 | 2.593427 | 1.335504 | 24.93622 | 2.504753 | 2.629050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.47800 | 5.000477 | 5.179110 | 5.273796 | 5.182110 | 5.132931 | 5.239993 |
| Stddev | .11855   | .041387  | .047934  | .020379  | .008908  | .050939  | .036764  |
| %RSD   | .4843164 | .8276536 | .9255290 | .3864127 | .1719056 | .9923931 | .7015996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.60381 | 4.956635 | 5.234448 | 5.261634 | 5.174404 | 5.191561 | 5.197545 |
| #2 | 24.36838 | 5.005926 | 5.152439 | 5.262432 | 5.180063 | 5.099525 | 5.260739 |
| #3 | 24.46180 | 5.038868 | 5.150444 | 5.297323 | 5.191864 | 5.107709 | 5.261693 |

Sample Name: CCV06      Acquired: 07/21/2023 20:13:24      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.025416</b> | <b>5.058598</b> | <b>4.963347</b> |
| Stddev | .042336         | .039686         | .073400         |
| %RSD   | .8424415        | .7845268        | 1.478849        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.074125 | 5.104409 | 5.042089 |
| #2 | 4.997464 | 5.036699 | 4.951130 |
| #3 | 5.004660 | 5.034687 | 4.896821 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1151.147</b> | <b>1477.121</b> | <b>39722.21</b> | <b>6826.746</b> | <b>1591.085</b> |
| Stddev    | 4.549           | 4.424           | 122.57          | 63.315          | 6.008           |
| %RSD      | .3951473        | .2994694        | .3085717        | .9274530        | .3775989        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1148.834 | 1478.619 | 39679.22 | 6753.668 | 1595.828 |
| #2 | 1148.219 | 1480.602 | 39860.49 | 6861.421 | 1593.098 |
| #3 | 1156.387 | 1472.143 | 39626.92 | 6865.149 | 1584.329 |

Sample Name: O3679-05MS      Acquired: 07/21/2023 20:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5910914 | 1.794764 | 1.084251 | 1.370348 | .5295566 | 203.2541 |
| Stddev | .0032771 | .008875  | .004721  | .014132  | .0055082 | .9646    |
| %RSD   | .5544223 | .4944819 | .4354293 | 1.031260 | 1.040146 | .4745994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5948715 | 1.789153 | 1.081523 | 1.378048 | .5243435 | 204.3670 |
| #2 | .5893522 | 1.790144 | 1.081527 | 1.378957 | .5290076 | 202.7377 |
| #3 | .5890505 | 1.804996 | 1.089703 | 1.354038 | .5353187 | 202.6576 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2911792 | .1380163 | .2004303 | 326.3521 | .2926215 | .2921419 |
| Stddev | .0016491 | .0008761 | .0012564 | .8411    | .0016126 | .0009503 |
| %RSD   | .5663668 | .6347768 | .6268564 | .2577130 | .5510892 | .3252689 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2928896 | .1385351 | .1992455 | 327.3231 | .2908624 | .2910753 |
| #2 | .2910491 | .1370048 | .2002977 | 325.8830 | .2929722 | .2924521 |
| #3 | .2895990 | .1385089 | .2017478 | 325.8503 | .2940299 | .2928982 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3008452 | 32.46333 | 17.93303 | 98.86239 | .5617804 | .0497383 |
| Stddev | .0029695 | .08878   | .06439   | .28735   | .0024443 | .0002494 |
| %RSD   | .9870636 | .2734783 | .3590540 | .2906542 | .4350993 | .5013639 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3042583 | 32.56115 | 18.00704 | 99.08835 | .5599924 | .0495656 |
| #2 | .2988534 | 32.44098 | 17.90220 | 98.95981 | .5607831 | .0500242 |
| #3 | .2994240 | 32.38786 | 17.88986 | 98.53899 | .5645656 | .0496252 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 13.09009 | .3578643 | 1.866680 | 20.65831 | F 16.99548 | .8423709 |
| Stddev | .19135   | .0026483 | .009861  | .10999   | .09276     | .0048791 |
| %RSD   | 1.461762 | .7400174 | .5282393 | .5324105 | .5457718   | .5792089 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 13.26995 | .3605565 | 1.859701 | 20.77753 | 16.89912 | .8456915 |
| #2 | 12.88903 | .3552623 | 1.862378 | 20.63660 | 17.00318 | .8367691 |
| #3 | 13.11130 | .3577742 | 1.877960 | 20.56079 | 17.08415 | .8446521 |

Sample Name: O3679-05MS      Acquired: 07/21/2023 20:25:29      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.2722822</b> | <b>F 867.3012</b> | <b>F 34.64576</b> | <b>.6799273</b> | <b>.1286803</b> | <b>.1477411</b> |
| Stddev | .0010438        | 3.5706            | .16749            | .0009973        | .0018773        | .0015971        |
| %RSD   | .3833524        | .4116916          | .4834424          | .1466699        | 1.458873        | 1.081041        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2730781 | 864.0511 | 34.71654 | .6787772 | .1297249 | .1494898 |
| #2 | .2711004 | 866.7293 | 34.45450 | .6805512 | .1298029 | .1463593 |
| #3 | .2726682 | 871.1233 | 34.76625 | .6804536 | .1265130 | .1473744 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8406806</b> |
| Stddev | .0049462        |
| %RSD   | .5883600        |

|    |          |
|----|----------|
| #1 | .8463826 |
| #2 | .8381141 |
| #3 | .8375453 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1518.567</b> | <b>1966.367</b> | <b>53189.98</b> | <b>9521.306</b> | <b>1435.942</b> |
| Stddev    | 4.162           | 9.018           | 339.88          | 69.575          | 4.263           |
| %RSD      | .2740788        | .4586179        | .6389858        | .7307267        | .2968903        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1520.821 | 1957.080 | 53120.12 | 9441.512 | 1433.856 |
| #2 | 1513.764 | 1975.090 | 52890.46 | 9553.121 | 1440.846 |
| #3 | 1521.116 | 1966.930 | 53559.36 | 9569.285 | 1433.124 |

Sample Name: O3679-05MSD      Acquired: 07/21/2023 20:29:19      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5910658 | 1.797177 | 1.087665 | 1.383723 | .5353929 | 201.3659 |
| Stddev | .0047229 | .020141  | .015333  | .012071  | .0049326 | 3.0136   |
| %RSD   | .7990476 | 1.120725 | 1.409698 | .8723384 | .9213108 | 1.496565 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5886564 | 1.819795 | 1.104482 | 1.392566 | .5379862 | 198.8416 |
| #2 | .5880336 | 1.781179 | 1.074461 | 1.369971 | .5297046 | 200.5539 |
| #3 | .5965075 | 1.790556 | 1.084053 | 1.388631 | .5384880 | 204.7023 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2880781 | .1382442 | .2001936 | 323.1766 | .2930252 | .2928792 |
| Stddev | .0035788 | .0015390 | .0016728 | 4.8010   | .0029438 | .0033926 |
| %RSD   | 1.242287 | 1.113237 | .8355770 | 1.485570 | 1.004628 | 1.158353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2861008 | .1367827 | .2020284 | 319.5489 | .2902845 | .2967064 |
| #2 | .2859243 | .1380995 | .1987534 | 321.3601 | .2926542 | .2902418 |
| #3 | .2922092 | .1398505 | .1997990 | 328.6208 | .2961370 | .2916894 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2989546 | 32.13797 | 17.75470 | 97.89908 | .5628179 | .0501295 |
| Stddev | .0032564 | .52651   | .28224   | 1.68814  | .0053430 | .0002704 |
| %RSD   | 1.089270 | 1.638295 | 1.589671 | 1.724371 | .9493358 | .5393396 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2964981 | 31.65632 | 17.51461 | 96.50995 | .5683460 | .0500060 |
| #2 | .2977173 | 32.05749 | 17.68389 | 97.40934 | .5576815 | .0499429 |
| #3 | .3026483 | 32.70008 | 18.06561 | 99.77795 | .5624261 | .0504395 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 12.88806 | .3570101 | 1.880992 | 20.46007 | F 16.99783 | .8447361 |
| Stddev | .17859   | .0015446 | .003830  | .24169   | .15391     | .0102330 |
| %RSD   | 1.385674 | .4326438 | .2036086 | 1.181259 | .9054467   | 1.211387 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.77896 | .3559022 | 1.883471 | 20.31827 | 17.15791 | .8345651 |
| #2 | 12.79106 | .3563536 | 1.876581 | 20.32280 | 16.85095 | .8446133 |
| #3 | 13.09415 | .3587745 | 1.882923 | 20.73913 | 16.98463 | .8550300 |

Sample Name: O3679-05MSD      Acquired: 07/21/2023 20:29:19      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.2747921</b> | <b>F 867.3708</b> | <b>F 34.79611</b> | <b>.6804511</b> | <b>.1281384</b> | <b>.1459059</b> |
| Stddev | .0017376        | 8.6818            | .47771            | .0105610        | .0029299        | .0026137        |
| %RSD   | .6323170        | 1.000934          | 1.372888          | 1.552055        | 2.286487        | 1.791361        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2765293 | 877.0245 | 34.31746 | .6921646 | .1251275 | .1441568 |
| #2 | .2730542 | 860.2033 | 34.79799 | .6716568 | .1283079 | .1446503 |
| #3 | .2747928 | 864.8848 | 35.27287 | .6775319 | .1309799 | .1489104 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8323249</b> |
| Stddev | .0106862        |
| %RSD   | 1.283900        |

|    |          |
|----|----------|
| #1 | .8246935 |
| #2 | .8277433 |
| #3 | .8445380 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1519.327</b> | <b>1966.260</b> | <b>53595.58</b> | <b>9606.084</b> | <b>1445.621</b> |
| Stddev    | 16.689          | 20.022          | 352.37          | 93.162          | 17.804          |
| %RSD      | 1.098430        | 1.018271        | .6574671        | .9698193        | 1.231564        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1503.519 | 1943.292 | 53590.21 | 9639.390 | 1425.118 |
| #2 | 1536.775 | 1975.458 | 53950.60 | 9678.016 | 1457.180 |
| #3 | 1517.686 | 1980.031 | 53245.92 | 9500.848 | 1454.565 |

Sample Name: O3679-05A      Acquired: 07/21/2023 20:33:09      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6025478 | 1.811267 | 1.092599 | 1.412006 | .5447422 | 198.9404 |
| Stddev | .0080604 | .005978  | .008613  | .004307  | .0006928 | 1.2035   |
| %RSD   | 1.337726 | .3300469 | .7883069 | .3049919 | .1271841 | .6049713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5932414 | 1.804444 | 1.082727 | 1.409649 | .5443333 | 198.5745 |
| #2 | .6070838 | 1.815583 | 1.098578 | 1.409392 | .5455421 | 200.2844 |
| #3 | .6073182 | 1.813775 | 1.096493 | 1.416977 | .5443511 | 197.9623 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2825539 | .1424102 | .2022680 | 320.5629 | .2959381 | .2909259 |
| Stddev | .0013863 | .0003393 | .0009536 | 1.4681   | .0011958 | .0014015 |
| %RSD   | .4906300 | .2382325 | .4714325 | .4579649 | .4040562 | .4817424 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2823813 | .1420207 | .2011849 | 319.3407 | .2949453 | .2893114 |
| #2 | .2840184 | .1426415 | .2026382 | 322.1913 | .2972655 | .2918294 |
| #3 | .2812620 | .1425683 | .2029810 | 320.1567 | .2956034 | .2916369 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3025368 | 32.07160 | 17.66885 | 97.55927 | .5622673 | .0507271 |
| Stddev | .0011067 | .17422   | .09457   | .52755   | .0031532 | .0003666 |
| %RSD   | .3658196 | .5432276 | .5352226 | .5407487 | .5608041 | .7226413 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3028636 | 32.00699 | 17.61669 | 97.54835 | .5587773 | .0503185 |
| #2 | .3013034 | 32.26890 | 17.77801 | 98.09219 | .5631137 | .0510271 |
| #3 | .3034433 | 31.93891 | 17.61185 | 97.03726 | .5649110 | .0508358 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 13.01431 | .3615996 | 1.807140 | 20.45826 | F 16.64174 | .8428567 |
| Stddev | .12246   | .0017734 | .002659  | .12386   | .07382     | .0028602 |
| %RSD   | .9409804 | .4904367 | .1471152 | .6054157 | .4435642   | .3393406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 12.89087 | .3621293 | 1.806985 | 20.41481 | 16.57079 | .8397217 |
| #2 | 13.01629 | .3630478 | 1.809873 | 20.59799 | 16.63632 | .8453239 |
| #3 | 13.13576 | .3596217 | 1.804563 | 20.36199 | 16.71812 | .8435245 |

Sample Name: O3679-05A      Acquired: 07/21/2023 20:33:09      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                 |                 |                 |
|--------|-----------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.2804389</b> | <b>F 843.3462</b> | <b>F 34.64363</b> | <b>.6876992</b> | <b>.1333849</b> | <b>.1505109</b> |
| Stddev | .0006729        | 4.3009            | .14212            | .0042279        | .0009667        | .0006582        |
| %RSD   | .2399406        | .5099778          | .4102433          | .6147953        | .7247744        | .4372959        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2806719 | 838.4956 | 34.50548 | .6831451 | .1333417 | .1506986 |
| #2 | .2796805 | 844.8487 | 34.78942 | .6914997 | .1343725 | .1497792 |
| #3 | .2809643 | 846.6942 | 34.63600 | .6884527 | .1324405 | .1510548 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8272126</b> |
| Stddev | .0054582        |
| %RSD   | .6598257        |

|    |          |
|----|----------|
| #1 | .8265720 |
| #2 | .8329628 |
| #3 | .8221030 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1533.038</b> | <b>1975.391</b> | <b>53617.65</b> | <b>9461.802</b> | <b>1467.613</b> |
| Stddev    | 9.168           | 5.859           | 358.30          | 37.851          | 6.221           |
| %RSD      | .5980129        | .2965984        | .6682488        | .4000444        | .4239053        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1530.645 | 1979.878 | 53682.25 | 9466.943 | 1473.592 |
| #2 | 1525.305 | 1968.763 | 53231.44 | 9421.643 | 1461.174 |
| #3 | 1543.166 | 1977.533 | 53939.25 | 9496.820 | 1468.073 |

Sample Name: O3645-02DLX10      Acquired: 07/21/2023 20:36:58      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: SB-04-(1-5)      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024660 | .0016095 | .1974729 | -.001178 | .0095683 | 10.07723 | .0719165 |
| Stddev | .0085709 | .0014829 | .0038260 | .001216  | .0005793 | .10016   | .0007242 |
| %RSD   | 347.5571 | 92.12965 | 1.937470 | 103.2105 | 6.054554 | .9939647 | 1.006997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0121288 | .0030307 | .1990194 | -.000034 | .0100007 | 9.96901  | .0710888 |
| #2 | -.000513 | .0017260 | .1931158 | -.001046 | .0089101 | 10.16668 | .0722273 |
| #3 | -.004218 | .0000719 | .2002836 | -.002455 | .0097942 | 10.09601 | .0724334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008602 | .0035470 | 300.3077 | .0137564 | .0086194 | .0355365 | 24.35541 |
| Stddev | .0001366 | .0001256 | 2.2544   | .0002313 | .0001346 | .0004361 | .17496   |
| %RSD   | 15.88321 | 3.540277 | .7506909 | 1.681115 | 1.562192 | 1.227262 | .7183645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009730 | .0036098 | 297.7399 | .0135512 | .0087749 | .0350347 | 24.19637 |
| #2 | .0008993 | .0036287 | 301.9620 | .0140070 | .0085410 | .0357507 | 24.54282 |
| #3 | .0007083 | .0034024 | 301.2212 | .0137111 | .0085424 | .0358240 | 24.32704 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.444637 | 140.9845 | .0222820 | -.001470 | .2001199 | .0208653 | .9241642 |
| Stddev | .010943  | 1.1657   | .0003968 | .000300  | .1510944 | .0021751 | .0046238 |
| %RSD   | .7574920 | .8268233 | 1.780925 | 20.37773 | 75.50194 | 10.42436 | .5003172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.435337 | 139.8482 | .0226657 | -.001260 | .3691230 | .0233098 | .9278911 |
| #2 | 1.456695 | 142.1776 | .0218733 | -.001813 | .0780952 | .0191438 | .9189899 |
| #3 | 1.441879 | 140.9276 | .0223070 | -.001337 | .1531415 | .0201423 | .9256116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.270178 | .9458597 | .0015100 | .0037482 | .4598874 | .8150329 | -.001171 |
| Stddev | .046770  | .0039802 | .0000552 | .0003923 | .0170166 | .0090858 | .001663  |
| %RSD   | 3.682174 | .4208070 | 3.653258 | 10.46585 | 3.700171 | 1.114771 | 142.0907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.220285 | .9413934 | .0014671 | .0036586 | .4728052 | .8066684 | -.002964 |
| #2 | 1.277220 | .9471536 | .0014906 | .0034085 | .4662509 | .8246994 | .000321  |
| #3 | 1.313027 | .9490319 | .0015722 | .0041775 | .4406061 | .8137307 | -.000869 |

Sample Name: O3645-02DLX10      Acquired: 07/21/2023 20:36:58      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: SB-04-(1-5)      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1547142</b> | <b>.0160738</b> | <b>.1215569</b> |
| Stddev | .0029475        | .0004231        | .0007931        |
| %RSD   | 1.905147        | 2.632163        | .6524243        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1557488</b> | <b>.0164707</b> | <b>.1207332</b> |
| #2 | <b>.1570050</b> | <b>.0161220</b> | <b>.1223153</b> |
| #3 | <b>.1513889</b> | <b>.0156287</b> | <b>.1216221</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1129.841</b> | <b>1459.341</b> | <b>39187.25</b> | <b>6856.090</b> | <b>1557.285</b> |
| Stddev    | 5.274           | 2.697           | 108.81          | 40.645          | 2.579           |
| %RSD      | .4668132        | .1847802        | .2776786        | .5928367        | .1656158        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1124.626 | 1461.675 | 39288.68 | 6893.806 | 1557.372 |
| #2 | 1129.724 | 1459.959 | 39072.31 | 6813.042 | 1554.663 |
| #3 | 1135.173 | 1456.389 | 39200.76 | 6861.423 | 1559.819 |

Sample Name: O3645-02DUPDLX10      Acquired: 07/21/2023 20:40:57      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DUPDUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035354 | .0004142 | .2026381 | .0022958 | .0009227 | 10.02756 | .0714414 |
| Stddev | .0074680 | .0036771 | .0016009 | .0064657 | .0016475 | .16141   | .0002078 |
| %RSD   | 211.2361 | 887.7382 | .7900232 | 281.6380 | 178.5517 | 1.609683 | .2908052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001000 | .0045742 | .2007896 | .0031705 | -.000553 | 9.84419  | .0712129 |
| #2 | -.000549 | -.000929 | .2035792 | .0082796 | .000621  | 10.09035 | .0714924 |
| #3 | .012155  | -.002402 | .2035454 | -.004563 | .002700  | 10.14814 | .0716190 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008345 | .0038980 | 297.4755 | .0138902 | .0089951 | .0366620 | 24.02671 |
| Stddev | .0000289 | .0001702 | 2.8735   | .0004373 | .0002044 | .0023613 | .29544   |
| %RSD   | 3.459128 | 4.367499 | .9659472 | 3.148269 | 2.272831 | 6.440667 | 1.229612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008160 | .0037015 | 294.3346 | .0137699 | .0088044 | .0355649 | 23.69976 |
| #2 | .0008677 | .0040020 | 298.1198 | .0135256 | .0089699 | .0350489 | 24.27450 |
| #3 | .0008196 | .0039904 | 299.9722 | .0143750 | .0092110 | .0393723 | 24.10586 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.426111 | 139.0237 | .0227651 | -.001780 | .1182147 | .0244974 | .9141573 |
| Stddev | .018303  | 1.8731   | .0003942 | .000252  | .2477231 | .0002910 | .0062961 |
| %RSD   | 1.283449 | 1.347315 | 1.731563 | 14.14223 | 209.5534 | 1.187824 | .6887292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.405007 | 136.8735 | .0226293 | -.001976 | -.154371 | .0247069 | .9214118 |
| #2 | 1.437666 | 139.8966 | .0232092 | -.001496 | .329603  | .0246202 | .9109429 |
| #3 | 1.435658 | 140.3010 | .0224567 | -.001869 | .179412  | .0241652 | .9101174 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.322139 | .9652282 | -.002005 | -.000033 | .3923323 | .7984132 | -.009131 |
| Stddev | .021114  | .0039241 | .000823  | .000297  | .0029347 | .0090522 | .001125  |
| %RSD   | 1.596984 | .4065434 | 41.05492 | 895.8805 | .7480068 | 1.133771 | 12.31714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.298032 | .9630542 | -.002953 | .000050  | .3929680 | .7880329 | -.007971 |
| #2 | 1.331034 | .9628724 | -.001479 | .000213  | .3891319 | .8046657 | -.010217 |
| #3 | 1.337350 | .9697581 | -.001582 | -.000363 | .3948971 | .8025410 | -.009206 |

Sample Name: O3645-02DUPDLX10      Acquired: 07/21/2023 20:40:57      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: DUPDUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1499981</b> | <b>.0172435</b> | <b>.1216025</b> |
| Stddev | .0023946        | .0002016        | .0020005        |
| %RSD   | 1.596422        | 1.169079        | 1.645104        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1473713</b> | <b>.0174054</b> | <b>.1193656</b> |
| #2 | <b>.1505636</b> | <b>.0170177</b> | <b>.1222215</b> |
| #3 | <b>.1520593</b> | <b>.0173073</b> | <b>.1232202</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1138.803</b> | <b>1465.031</b> | <b>39503.42</b> | <b>6839.464</b> | <b>1507.937</b> |
| Stddev    | 7.285           | 1.140           | 187.94          | 40.224          | 1.056           |
| %RSD      | .6396910        | .0778240        | .4757462        | .5881107        | .0700585        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1130.565 | 1464.381 | 39609.95 | 6882.164 | 1506.752 |
| #2 | 1144.396 | 1464.365 | 39613.88 | 6833.943 | 1508.782 |
| #3 | 1141.447 | 1466.348 | 39286.42 | 6802.287 | 1508.276 |

Sample Name: O3645-02LDLX50      Acquired: 07/21/2023 20:44:56      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA12192      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001247 | -.000099 | .0400725 | -.000282 | -.000411 | 1.954562 | .0149424 |
| Stddev | .0044428 | .001292  | .0045248 | .002291  | .001402  | .023613  | .0001245 |
| %RSD   | 3562.400 | 1306.758 | 11.29157 | 812.7566 | 340.7170 | 1.208075 | .8333147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049135 | .000070  | .0350625 | .001779  | .001203  | 1.930551 | .0150799 |
| #2 | -.003863 | -.001467 | .0412934 | -.002748 | -.001121 | 1.955381 | .0149100 |
| #3 | -.000676 | .001100  | .0438615 | .000123  | -.001316 | 1.977755 | .0148373 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002209 | .0007508 | 58.83232 | .0028952 | .0005642 | .0074358 | 4.901468 |
| Stddev | .0000320 | .0001755 | .57144   | .0001067 | .0003096 | .0007191 | .058079  |
| %RSD   | 14.48485 | 23.37572 | .9712978 | 3.684764 | 54.88211 | 9.670850 | 1.184937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002257 | .0005485 | 58.18561 | .0028061 | .0005833 | .0082637 | 4.834504 |
| #2 | .0002502 | .0008419 | 59.04220 | .0028660 | .0008638 | .0069661 | 4.931781 |
| #3 | .0001868 | .0008621 | 59.26913 | .0030134 | .0002454 | .0070777 | 4.938120 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2909674 | 27.09115 | .0040167 | -.000866 | -.020272 | .0052441 | .1857422 |
| Stddev | .0030763 | .34792   | .0000794 | .000450  | .110571  | .0025728 | .0012105 |
| %RSD   | 1.057284 | 1.284256 | 1.977300 | 51.97794 | 545.4350 | 49.06065 | .6517116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2874348 | 26.70418 | .0041084 | -.001151 | -.134221 | .0023845 | .1868923 |
| #2 | .2924099 | 27.19116 | .0039729 | -.000347 | -.013173 | .0059764 | .1858552 |
| #3 | .2930573 | 27.37811 | .0039689 | -.001100 | .086579  | .0073713 | .1844792 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2119592 | .1765441 | -.007628 | -.000267 | .1084910 | .1629200 | -.002813 |
| Stddev | .0806119 | .0009985 | .000990  | .000472  | .0019998 | .0018747 | .000777  |
| %RSD   | 38.03181 | .5655909 | 12.97657 | 176.6592 | 1.843250 | 1.150711 | 27.60628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1225629 | .1763568 | -.007990 | -.000081 | .1107938 | .1615948 | -.003699 |
| #2 | .2341961 | .1756524 | -.006509 | .000083  | .1071913 | .1621001 | -.002249 |
| #3 | .2791186 | .1776230 | -.008387 | -.000804 | .1074880 | .1650650 | -.002492 |

Sample Name: O3645-02LDLX50      Acquired: 07/21/2023 20:44:56      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA12192      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0307322</b> | <b>.0035524</b> | <b>.0240507</b> |
| Stddev | .0004072        | .0008219        | .0002561        |
| %RSD   | 1.324883        | 23.13795        | 1.064978        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0305541</b> | <b>.0032854</b> | <b>.0237550</b> |
| #2 | <b>.0304444</b> | <b>.0028971</b> | <b>.0242016</b> |
| #3 | <b>.0311980</b> | <b>.0044746</b> | <b>.0241956</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1179.151</b> | <b>1515.310</b> | <b>40505.99</b> | <b>6974.054</b> | <b>1668.499</b> |
| Stddev    | 3.579           | 12.968          | 18.79           | 45.942          | 9.264           |
| %RSD      | .3035508        | .8557961        | .0463941        | .6587591        | .5552542        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1178.325 | 1527.300 | 40488.49 | 7019.950 | 1674.117 |
| #2 | 1176.056 | 1517.084 | 40503.64 | 6974.147 | 1673.574 |
| #3 | 1183.071 | 1501.546 | 40525.85 | 6928.066 | 1657.806 |

Sample Name: O3645-09DLX10      Acquired: 07/21/2023 20:48:59      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: O3645-02MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0806734</b> | <b>.1916141</b> | <b>.3170549</b> | <b>.1989374</b> | <b>.0694820</b> | <b>8.687618</b> | <b>.1005571</b> |
| Stddev | .0020648        | .0023300        | .0029143        | .0072171        | .0010895        | .175281         | .0010433        |
| %RSD   | 2.559461        | 1.216000        | .9191891        | 3.627837        | 1.568100        | 2.017601        | 1.037508        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0817699</b> | <b>.1939138</b> | <b>.3197111</b> | <b>.2067869</b> | <b>.0689130</b> | <b>8.504542</b> | <b>.0994995</b> |
| #2 | <b>.0782917</b> | <b>.1892549</b> | <b>.3175162</b> | <b>.1925885</b> | <b>.0707383</b> | <b>8.853895</b> | <b>.1015855</b> |
| #3 | <b>.0819586</b> | <b>.1916736</b> | <b>.3139374</b> | <b>.1974370</b> | <b>.0687948</b> | <b>8.704415</b> | <b>.1005863</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0202938</b> | <b>.0245122</b> | <b>287.8472</b> | <b>.0509468</b> | <b>.0260693</b> | <b>.0800663</b> | <b>22.36182</b> |
| Stddev | .0001042        | .0001166        | 3.2352          | .0007870        | .0003699        | .0028543        | .32564          |
| %RSD   | .5134912        | .4756484        | 1.123925        | 1.544680        | 1.418740        | 3.564983        | 1.456249        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0202100</b> | <b>.0243801</b> | <b>284.2600</b> | <b>.0504641</b> | <b>.0260115</b> | <b>.0771555</b> | <b>21.99226</b> |
| #2 | <b>.0204105</b> | <b>.0246008</b> | <b>290.5438</b> | <b>.0505214</b> | <b>.0264647</b> | <b>.0801827</b> | <b>22.60670</b> |
| #3 | <b>.0202611</b> | <b>.0245556</b> | <b>288.7379</b> | <b>.0518549</b> | <b>.0257318</b> | <b>.0828606</b> | <b>22.48650</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.415362</b> | <b>138.1420</b> | <b>.0687644</b> | <b>.0056840</b> | <b>.3755506</b> | <b>.0457294</b> | <b>.8372187</b> |
| Stddev | .017195         | 1.8653          | .0006580        | .0003134        | .1550496        | .0002703        | .0009783        |
| %RSD   | 1.214858        | 1.350279        | .9568892        | 5.513597        | 41.28594        | .5911504        | .1168490        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.396044</b> | <b>136.1117</b> | <b>.0683800</b> | <b>.0053228</b> | <b>.1969507</b> | <b>.0460408</b> | <b>.8370546</b> |
| #2 | <b>1.428993</b> | <b>139.7799</b> | <b>.0683889</b> | <b>.0058455</b> | <b>.4540374</b> | <b>.0455556</b> | <b>.8363329</b> |
| #3 | <b>1.421048</b> | <b>138.5345</b> | <b>.0695242</b> | <b>.0058837</b> | <b>.4756638</b> | <b>.0455917</b> | <b>.8382687</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.019265</b> | <b>1.411486</b> | <b>.0227603</b> | <b>.0397996</b> | <b>.3717144</b> | <b>.9348475</b> | <b>.0691247</b> |
| Stddev | .023519         | .011840         | .0015174        | .0001420        | .0076219        | .0092907        | .0021493        |
| %RSD   | 1.164745        | .8388514        | 6.666735        | .3567650        | 2.050486        | .9938224        | 3.109292        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.996661</b> | <b>1.400022</b> | <b>.0210851</b> | <b>.0398624</b> | <b>.3775513</b> | <b>.9290791</b> | <b>.0667265</b> |
| #2 | <b>2.017532</b> | <b>1.410767</b> | <b>.0231534</b> | <b>.0396370</b> | <b>.3630914</b> | <b>.9455651</b> | <b>.0697704</b> |
| #3 | <b>2.043603</b> | <b>1.423670</b> | <b>.0240425</b> | <b>.0398994</b> | <b>.3745006</b> | <b>.9298983</b> | <b>.0708771</b> |

Sample Name: O3645-09DLX10      Acquired: 07/21/2023 20:48:59      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: O3645-02MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1388349</b> | <b>.0342507</b> | <b>.1311315</b> |
| Stddev | .0022394        | .0006177        | .0028059        |
| %RSD   | 1.613009        | 1.803511        | 2.139762        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1362492</b> | <b>.0348515</b> | <b>.1281225</b> |
| #2 | <b>.1401068</b> | <b>.0336174</b> | <b>.1336765</b> |
| #3 | <b>.1401488</b> | <b>.0342833</b> | <b>.1315956</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1113.050</b> | <b>1435.236</b> | <b>38738.46</b> | <b>6776.106</b> | <b>1491.869</b> |
| Stddev    | 4.369           | 4.520           | 169.83          | 54.265          | 1.406           |
| %RSD      | .3925107        | .3149533        | .4384120        | .8008349        | .0942468        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1108.704 | 1430.289 | 38542.40 | 6792.563 | 1490.751 |
| #2 | 1117.442 | 1439.151 | 38840.13 | 6715.517 | 1493.448 |
| #3 | 1113.002 | 1436.268 | 38832.86 | 6820.237 | 1491.408 |

Sample Name: O3645-10DLX10      Acquired: 07/21/2023 20:52:58      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: O3645-02MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0807430</b> | <b>.1846336</b> | <b>.2789518</b> | <b>.1830404</b> | <b>.0679527</b> | <b>8.605772</b> | <b>.0883700</b> |
| Stddev | .0001930        | .0030035        | .0025210        | .0030600        | .0022982        | .083489         | .0006970        |
| %RSD   | .2390487        | 1.626753        | .9037394        | 1.671785        | 3.382012        | .9701479        | .7886741        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0806286 | .1822388 | .2773549 | .1801617 | .0660103 | 8.535042 | .0876115 |
| #2 | .0806346 | .1836584 | .2776424 | .1827055 | .0673582 | 8.584407 | .0885164 |
| #3 | .0809659 | .1880035 | .2818581 | .1862542 | .0704898 | 8.697867 | .0889821 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0194274</b> | <b>.0231810</b> | <b>291.0965</b> | <b>.0480219</b> | <b>.0258305</b> | <b>.0664361</b> | <b>21.10751</b> |
| Stddev | .0000278        | .0004534        | 2.7203          | .0003142        | .0006337        | .0024446        | .19001          |
| %RSD   | .1429868        | 1.955949        | .9345060        | .6542367        | 2.453149        | 3.679544        | .9002068        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0193980 | .0229504 | 288.4493 | .0483059 | .0258379 | .0641185 | 20.90252 |
| #2 | .0194532 | .0228892 | 290.9556 | .0480753 | .0251931 | .0661995 | 21.14227 |
| #3 | .0194310 | .0237033 | 293.8845 | .0476844 | .0264604 | .0689904 | 21.27774 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.366874</b> | <b>138.3574</b> | <b>.0667290</b> | <b>.0055166</b> | <b>.4914541</b> | <b>.0458105</b> | <b>.8085496</b> |
| Stddev | .013958         | 1.6320          | .0017385        | .0006880        | .1563058        | .0010958        | .0065836        |
| %RSD   | 1.021166        | 1.179554        | 2.605305        | 12.47193        | 31.80475        | 2.392114        | .8142487        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.352281 | 136.7109 | .0656109 | .0061735 | .5639781 | .0470582 | .8136895 |
| #2 | 1.368243 | 138.3867 | .0658443 | .0048012 | .5983239 | .0453693 | .8108306 |
| #3 | 1.380096 | 139.9745 | .0687320 | .0055751 | .3120604 | .0450041 | .8011289 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.007362</b> | <b>1.373799</b> | <b>.0234949</b> | <b>.0386246</b> | <b>.3411862</b> | <b>.9683988</b> | <b>.0659770</b> |
| Stddev | .017259         | .021155         | .0003371        | .0002933        | .0154991        | .0030617        | .0026401        |
| %RSD   | .8597985        | 1.539870        | 1.434776        | .7592604        | 4.542710        | .3161626        | 4.001551        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.022855 | 1.362300 | .0233198 | .0383568 | .3356520 | .9661376 | .0643478 |
| #2 | 2.010473 | 1.360885 | .0238835 | .0385790 | .3292137 | .9671760 | .0645600 |
| #3 | 1.988759 | 1.398213 | .0232814 | .0389380 | .3586927 | .9718830 | .0690230 |

Sample Name: O3645-10DLX10      Acquired: 07/21/2023 20:52:58      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: O3645-02MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1410407</b> | <b>.0326662</b> | <b>.1397171</b> |
| Stddev | .0008613        | .0009715        | .0013898        |
| %RSD   | .6106879        | 2.973881        | .9947307        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1419867</b> | <b>.0328726</b> | <b>.1390840</b> |
| #2 | <b>.1408337</b> | <b>.0316081</b> | <b>.1387567</b> |
| #3 | <b>.1403018</b> | <b>.0335179</b> | <b>.1413108</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1128.950</b> | <b>1441.749</b> | <b>39088.77</b> | <b>6888.804</b> | <b>1494.792</b> |
| Stddev    | 4.519           | 18.975          | 241.70          | 24.999          | 22.264          |
| %RSD      | .4002875        | 1.316104        | .6183402        | .3628986        | 1.489419        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1123.779 | 1454.883 | 38829.11 | 6897.090 | 1505.926 |
| #2 | 1130.933 | 1450.370 | 39307.22 | 6908.608 | 1509.292 |
| #3 | 1132.139 | 1419.994 | 39129.99 | 6860.714 | 1469.157 |

Sample Name: O3645-02ADLX10      Acquired: 07/21/2023 20:56:56      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB12192      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0815333 | .2011088 | .3051885 | .2061173 | .0802650 | 10.00385 | .0877340 |
| Stddev | .0038522 | .0014558 | .0021126 | .0042676 | .0001736 | .03531   | .0005906 |
| %RSD   | 4.724718 | .7239064 | .6922271 | 2.070471 | .2162905 | .3530060 | .6731299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0832526 | .2025124 | .3043360 | .2022753 | .0802553 | 9.97960  | .0875489 |
| #2 | .0771208 | .1996058 | .3036354 | .2107107 | .0804432 | 10.04436 | .0883950 |
| #3 | .0842265 | .2012082 | .3075942 | .2053659 | .0800964 | 9.98758  | .0872582 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205724 | .0245522 | 290.1683 | .0529788 | .0288062 | .0624644 | 23.89102 |
| Stddev | .0001691 | .0000536 | 1.8524   | .0002739 | .0003735 | .0021909 | .13748   |
| %RSD   | .8220293 | .2182156 | .6383882 | .5170273 | 1.296518 | 3.507412 | .5754508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203836 | .0246126 | 288.0295 | .0528816 | .0284508 | .0600210 | 23.73245 |
| #2 | .0206236 | .0245339 | 291.2601 | .0527667 | .0291954 | .0642539 | 23.97674 |
| #3 | .0207100 | .0245102 | 291.2153 | .0532880 | .0287724 | .0631182 | 23.96388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.411753 | 135.7444 | .0723003 | .0055816 | .3502158 | .0522795 | .9209008 |
| Stddev | .008548  | .6463    | .0001128 | .0005301 | .1454457 | .0022840 | .0050487 |
| %RSD   | .6054576 | .4761155 | .1560184 | 9.498068 | 41.53032 | 4.368868 | .5482354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.402972 | 134.9981 | .0724187 | .0049707 | .4426069 | .0523558 | .9258256 |
| #2 | 1.412241 | 136.1148 | .0722883 | .0059205 | .1825609 | .0499583 | .9211402 |
| #3 | 1.420047 | 136.1202 | .0721940 | .0058537 | .4254796 | .0545245 | .9157367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.207492 | 1.584191 | .0234574 | .0405921 | .3360975 | .9429178 | .0679951 |
| Stddev | .007422  | .009183  | .0008567 | .0005454 | .0029751 | .0061364 | .0010301 |
| %RSD   | .3362226 | .5796598 | 3.652216 | 1.343641 | .8851823 | .6507899 | 1.514916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.199016 | 1.579871 | .0227252 | .0410821 | .3363344 | .9360006 | .0675616 |
| #2 | 2.210633 | 1.577965 | .0232475 | .0400045 | .3330110 | .9450458 | .0691711 |
| #3 | 2.212827 | 1.594737 | .0243996 | .0406898 | .3389470 | .9477068 | .0672526 |

Sample Name: O3645-02ADLX10      Acquired: 07/21/2023 20:56:56      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB12192      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1660552 | .0365472 | .1346586 |
| Stddev | .0012902 | .0015832 | .0003407 |
| %RSD   | .7769543 | 4.331856 | .2530318 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1664759 | .0352913 | .1346418 |
| #2 | .1646072 | .0360246 | .1350074 |
| #3 | .1670825 | .0383256 | .1343265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1135.755 | 1460.031 | 39342.40 | 6964.041 | 1510.567 |
| Stddev    | 11.890   | 2.182    | 299.70   | 14.443   | 2.943    |
| %RSD      | 1.046923 | .1494410 | .7617757 | .2073975 | .1948594 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1125.797 | 1457.546 | 39099.97 | 6978.170 | 1509.489 |
| #2 | 1132.549 | 1461.632 | 39249.75 | 6949.303 | 1513.898 |
| #3 | 1148.920 | 1460.915 | 39677.49 | 6964.650 | 1508.316 |

Sample Name: CCV07      Acquired: 07/21/2023 21:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.937342</b> | <b>4.826590</b> | <b>5.019609</b> | <b>5.105930</b> | <b>5.077729</b> | <b>9.597963</b> | <b>9.633043</b> |
| Stddev | .029117         | .006185         | .004480         | .026716         | .015354         | .040610         | .050031         |
| %RSD   | .5897280        | .1281427        | .0892430        | .5232334        | .3023721        | .4231095        | .5193656        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.970475 | 4.833442 | 5.016932 | 5.125703 | 5.088039 | 9.555314 | 9.575393 |
| #2 | 4.925721 | 4.824908 | 5.017113 | 5.075537 | 5.060083 | 9.602407 | 9.658650 |
| #3 | 4.915831 | 4.821420 | 5.024780 | 5.116551 | 5.085063 | 9.636169 | 9.665088 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2578988</b> | <b>2.525272</b> | <b>25.23956</b> | <b>1.006755</b> | <b>2.495382</b> | <b>1.135041</b> | <b>5.002529</b> |
| Stddev | .0004525        | .003493         | .18776          | .001309         | .002956         | .002422         | .056767         |
| %RSD   | .1754454        | .1383082        | .7438920        | .1299981        | .1184502        | .2133709        | 1.134764        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2578377 | 2.526775 | 25.03892 | 1.007637 | 2.497629 | 1.132269 | 4.939413 |
| #2 | .2574800 | 2.521280 | 25.26875 | 1.005251 | 2.492034 | 1.136112 | 5.049409 |
| #3 | .2583787 | 2.527763 | 25.41101 | 1.007376 | 2.496483 | 1.136743 | 5.018764 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.492810</b> | <b>25.08697</b> | <b>2.490538</b> | <b>1.300474</b> | <b>23.96418</b> | <b>2.426314</b> | <b>2.559788</b> |
| Stddev | .015487         | .15730          | .004370         | .002098         | .15158          | .019249         | .004944         |
| %RSD   | .6212514        | .6270193        | .1754561        | .1613608        | .6325345        | .7933528        | .1931574        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.475457 | 24.95575 | 2.489184 | 1.298152 | 23.79310 | 2.404094 | 2.563215 |
| #2 | 2.497749 | 25.04381 | 2.487005 | 1.301036 | 24.08174 | 2.436924 | 2.554120 |
| #3 | 2.505225 | 25.26134 | 2.495424 | 1.302234 | 24.01770 | 2.437924 | 2.562030 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.51221</b> | <b>4.827349</b> | <b>5.036733</b> | <b>5.141457</b> | <b>4.885962</b> | <b>4.920289</b> | <b>5.081880</b> |
| Stddev | .03110          | .014891         | .019353         | .006481         | .024703         | .025990         | .012081         |
| %RSD   | .1322540        | .3084755        | .3842278        | .1260572        | .5055865        | .5282136        | .2377309        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.49173 | 4.838279 | 5.049452 | 5.148930 | 4.914231 | 4.904683 | 5.095691 |
| #2 | 23.54799 | 4.810388 | 5.014461 | 5.137369 | 4.875123 | 4.905893 | 5.076676 |
| #3 | 23.49690 | 4.833379 | 5.046284 | 5.138073 | 4.868531 | 4.950291 | 5.073272 |

Sample Name: CCV07      Acquired: 07/21/2023 21:00:56      Type: Unk  
 Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.860972</b> | <b>4.896300</b> | <b>4.774019</b> |
| Stddev | .016831         | .023222         | .106533         |
| %RSD   | .3462550        | .4742718        | 2.231520        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.841726 | 4.869764 | 4.658704 |
| #2 | 4.868253 | 4.906231 | 4.868774 |
| #3 | 4.872938 | 4.912905 | 4.794579 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1173.899</b> | <b>1509.218</b> | <b>40375.10</b> | <b>6948.689</b> | <b>1639.643</b> |
| Stddev    | 3.820           | 3.013           | 138.68          | 12.969          | .939            |
| %RSD      | .3254343        | .1996596        | .3434815        | .1866439        | .0572666        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1174.885 | 1505.775 | 40386.66 | 6936.042 | 1639.713 |
| #2 | 1169.682 | 1510.510 | 40231.01 | 6948.066 | 1638.671 |
| #3 | 1177.129 | 1511.371 | 40507.65 | 6961.958 | 1640.545 |

Sample Name: CCB07      Acquired: 07/21/2023 21:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004684</b> | <b>-.001082</b> | <b>-.001449</b> | <b>.0059566</b> | <b>.0004144</b> | <b>.0101197</b> |
| Stddev | .001022         | .001029         | .000649         | .0037928        | .0021462        | .0018707        |
| %RSD   | 21.82783        | 95.06116        | 44.78638        | 63.67384        | 517.9348        | 18.48607        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004601</b> | <b>-.000750</b> | <b>-.001715</b> | <b>.0028603</b> | <b>.0006230</b> | <b>.0096387</b> |
| #2 | <b>-.003705</b> | <b>-.002236</b> | <b>-.000710</b> | <b>.0048225</b> | <b>-.001828</b> | <b>.0121839</b> |
| #3 | <b>-.005745</b> | <b>-.000261</b> | <b>-.001924</b> | <b>.0101871</b> | <b>.002449</b>  | <b>.0085364</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0018350</b> | <b>.0000274</b> | <b>.0001346</b> | <b>.0066590</b> | <b>-.000095</b> | <b>.0002002</b> |
| Stddev | .0002472        | .0000548        | .0000956        | .0104219        | .000337         | .0001654        |
| %RSD   | 13.47295        | 200.0525        | 70.98919        | 156.5076        | 356.8264        | 82.60264        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0020712</b> | <b>.0000899</b> | <b>.0000407</b> | <b>.0128982</b> | <b>.000200</b>  | <b>.0003825</b> |
| #2 | <b>.0018557</b> | <b>-.000013</b> | <b>.0002317</b> | <b>-.005372</b> | <b>-.000021</b> | <b>.0001583</b> |
| #3 | <b>.0015780</b> | <b>.000005</b>  | <b>.0001315</b> | <b>.012451</b>  | <b>-.000462</b> | <b>.0000598</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002174</b> | <b>.0040247</b> | <b>.0001416</b> | <b>-.029482</b> | <b>.0003213</b> | <b>-.000408</b> |
| Stddev | .001455         | .0032819        | .0007090        | .003830         | .0002735        | .000086         |
| %RSD   | 66.92008        | 81.54541        | 500.5465        | 12.99036        | 85.11930        | 21.17481        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002254</b> | <b>.0018627</b> | <b>-.000534</b> | <b>-.025391</b> | <b>.0006168</b> | <b>-.000312</b> |
| #2 | <b>-.000681</b> | <b>.0024101</b> | <b>.000079</b>  | <b>-.032982</b> | <b>.0002698</b> | <b>-.000480</b> |
| #3 | <b>-.003587</b> | <b>.0078011</b> | <b>.000880</b>  | <b>-.030074</b> | <b>.0000772</b> | <b>-.000433</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.259665</b> | <b>-.000739</b> | <b>.0004879</b> | <b>-.037406</b> | <b>-.002041</b> | <b>-.001877</b> |
| Stddev | .124294         | .000197         | .0005955        | .049839         | .002367         | .001159         |
| %RSD   | 47.86708        | 26.67366        | 122.0662        | 133.2381        | 115.9208        | 61.76103        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.265983</b> | <b>-.000744</b> | <b>-.000123</b> | <b>-.093805</b> | <b>-.000672</b> | <b>-.000550</b> |
| #2 | <b>-.132333</b> | <b>-.000934</b> | <b>.001067</b>  | <b>-.019117</b> | <b>-.004774</b> | <b>-.002390</b> |
| #3 | <b>-.380680</b> | <b>-.000540</b> | <b>.000519</b>  | <b>.000705</b>  | <b>-.000679</b> | <b>-.002691</b> |

Sample Name: CCB07      Acquired: 07/21/2023 21:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v147)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011860 | F .0224699 | .0066722 | -.001178 | .0020515 | .0008603 |
| Stddev | .0000359 | .0049800   | .0011038 | .000438  | .0012001 | .0005519 |
| %RSD   | 3.027925 | 22.16292   | 16.54366 | 37.18385 | 58.49750 | 64.15032 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0012183 | .0235097 | .0079311 | -.001300 | .0033367 | .0014971 |
| #2 | .0011923 | .0268479 | .0062154 | -.001541 | .0018575 | .0005189 |
| #3 | .0011473 | .0170521 | .0058701 | -.000692 | .0009602 | .0005650 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0005231 |
| Stddev | .0001426 |
| %RSD   | 27.25710 |

|    |          |
|----|----------|
| #1 | .0006869 |
| #2 | .0004272 |
| #3 | .0004551 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1188.689 | 1521.923 | 40720.66 | 6886.403 | 1714.615 |
| Stddev    | 13.973   | 4.512    | 351.49   | 29.251   | 2.539    |
| %RSD      | 1.175512 | .2964467 | .8631634 | .4247665 | .1480589 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1172.574 | 1521.300 | 40314.80 | 6853.540 | 1712.405 |
| #2 | 1196.047 | 1526.713 | 40923.74 | 6896.080 | 1717.388 |
| #3 | 1197.445 | 1517.754 | 40923.44 | 6909.590 | 1714.052 |