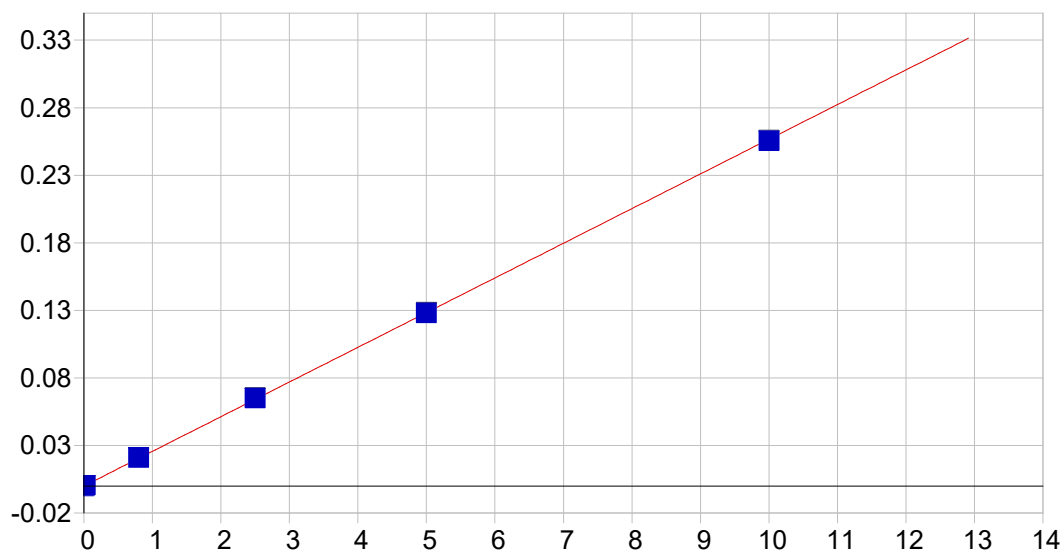


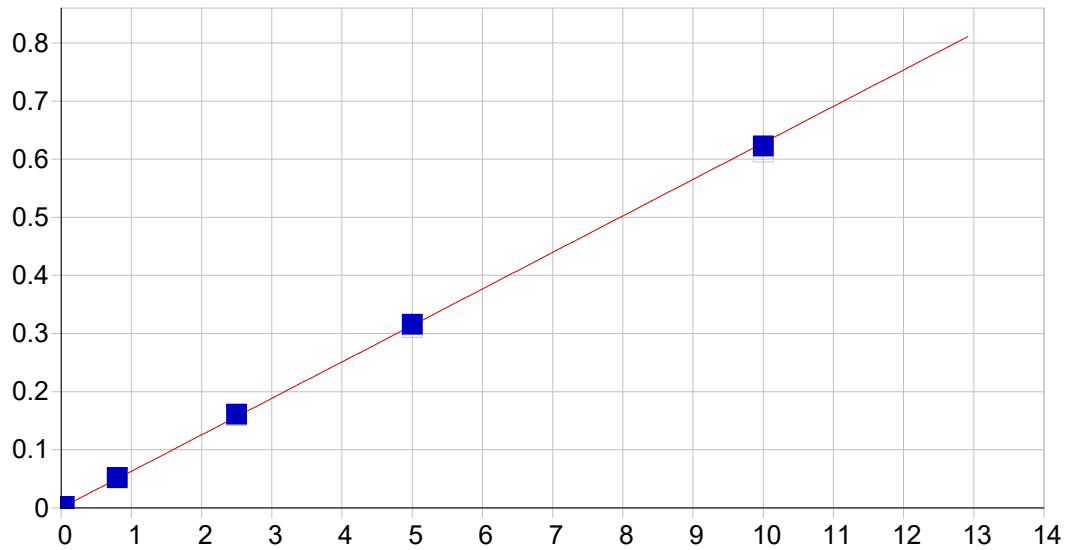


**As 189.042 {479}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000  
 A1 (Gain): 0.025669 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999962 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.003141  
 Predicted MQL: 0.010471

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .02000       | .02220      | .002       | 11.0    | .00053  | .000    | 1        |
| S3        | 2.5000       | 2.5340      | .034       | 1.36    | .06500  | .000    | 1        |
| S4        | 5.0000       | 4.9928      | -.007      | -.144   | .12810  | .000    | 1        |
| S5        | 10.000       | 9.9521      | -.048      | -.479   | .25539  | .000    | 1        |
| S2        | .80000       | .81891      | .019       | 2.36    | .02098  | .000    | 1        |

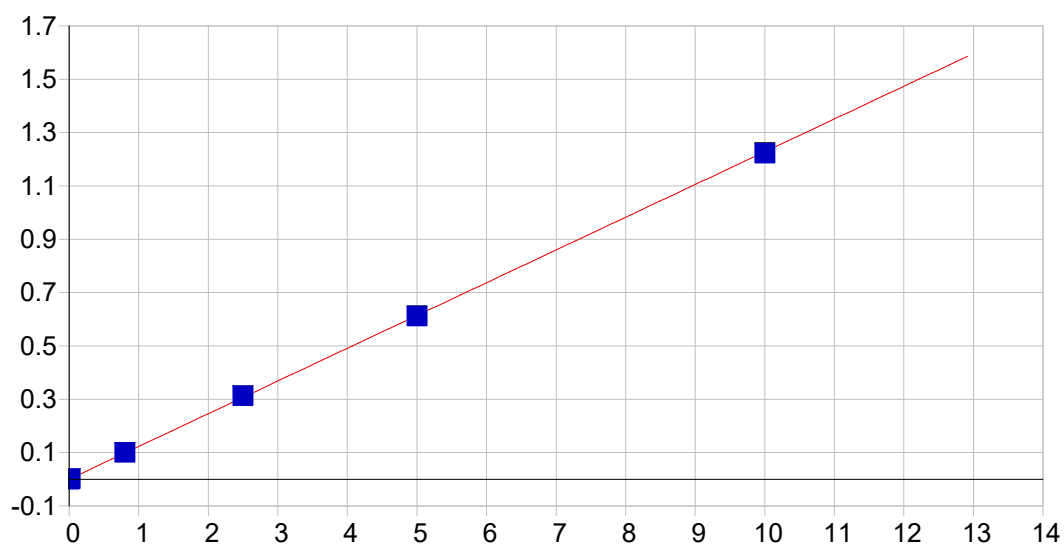


TI 190.856 {477}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000120 Re-Slope: 1.000000  
 A1 (Gain): 0.062787 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999917 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.001593  
 Predicted MQL: 0.005309

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .04000       | .03916      | -.001      | -2.11   | .00243 | .000    | 1        |
| S3        | 2.5000       | 2.5599      | .060       | 2.39    | .15831 | .000    | 1        |
| S4        | 5.0000       | 5.0189      | .019       | .379    | .31016 | .001    | 1        |
| S5        | 10.000       | 9.9028      | -.097      | -.972   | .61172 | .001    | 1        |
| S2        | .80000       | .81926      | .019       | 2.41    | .05075 | .000    | 1        |

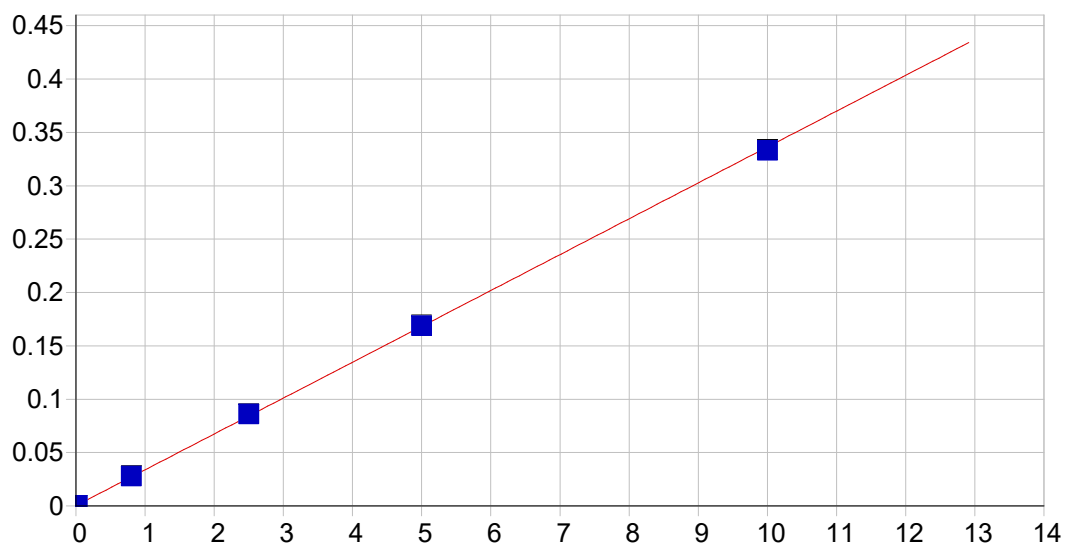


### Pb 220.353 {453}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000  
 A1 (Gain): 0.122791 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999951 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.001705  
 Predicted MQL: 0.005684

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .01200       | .01285      | .001       | 7.08    | .00168 | .000    | 1        |
| S3        | 2.5000       | 2.5509      | .051       | 2.04    | .31329 | .001    | 1        |
| S4        | 5.0000       | 4.9781      | -.022      | -.439   | .61126 | .001    | 1        |
| S5        | 10.000       | 9.9528      | -.047      | -.472   | 1.2220 | .002    | 1        |
| S2        | .80000       | .81744      | .017       | 2.18    | .10048 | .000    | 1        |

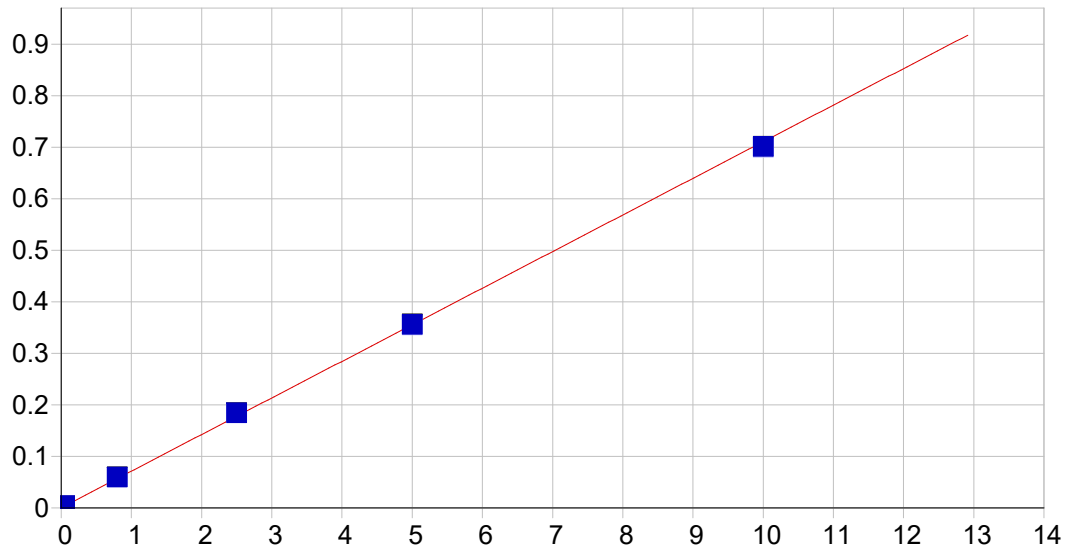


Se 196.090 {472}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000  
 A1 (Gain): 0.033610 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999924 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.003481  
 Predicted MQL: 0.011604

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00020 | .000    | 1        |
| S1        | .02000       | .02053      | .001       | 2.65    | .00089 | .000    | 1        |
| S3        | 2.5000       | 2.5520      | .052       | 2.08    | .08598 | .000    | 1        |
| S4        | 5.0000       | 5.0157      | .016       | .315    | .16880 | .001    | 1        |
| S5        | 10.000       | 9.9069      | -.093      | -.931   | .33322 | .001    | 1        |
| S2        | .80000       | .82489      | .025       | 3.11    | .02793 | .000    | 1        |



**Sb 206.833 {463}**

Date of Fit: 2/27/2023 12:38:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000297

Re-Slope: 1.000000

A1 (Gain): 0.071024

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999808

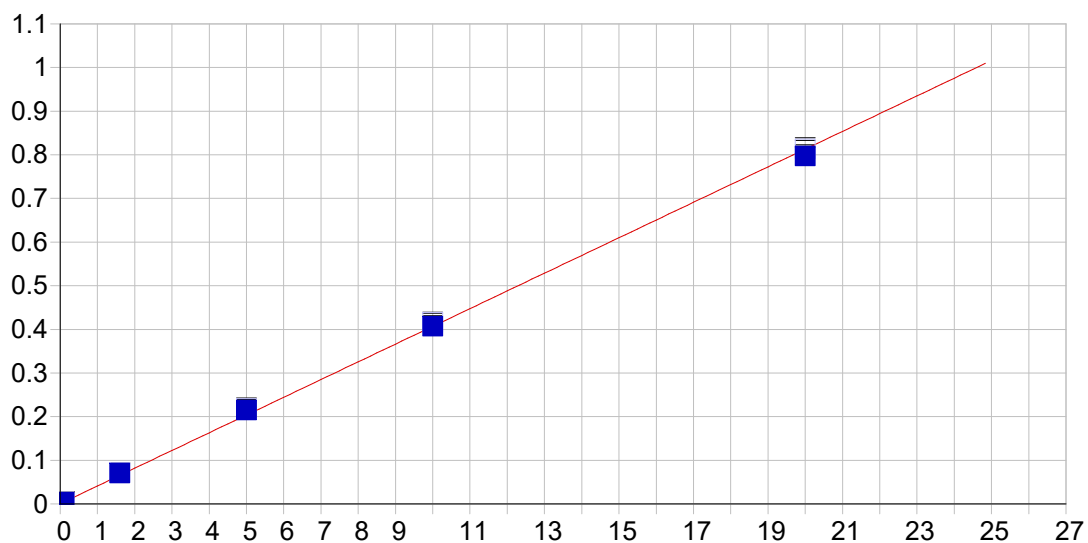
Status: OK.

Std Error of Est: 0.000052

Predicted MDL: 0.002085

Predicted MQL: 0.006949

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00030 | .000    | 1        |
| S1        | .05000       | .05393      | .004       | 7.86    | .00412 | .000    | 1        |
| S3        | 2.5000       | 2.5897      | .090       | 3.59    | .18372 | .000    | 1        |
| S4        | 5.0000       | 5.0016      | .002       | .033    | .35452 | .002    | 1        |
| S5        | 10.000       | 9.8675      | -.133      | -1.33   | .69909 | .001    | 1        |
| S2        | .80000       | .83724      | .037       | 4.66    | .05960 | .000    | 1        |



AI 396.152 { 85}

Date of Fit: 2/27/2023 12:38:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000574

Re-Slope: 1.000000

A1 (Gain): 0.040627

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

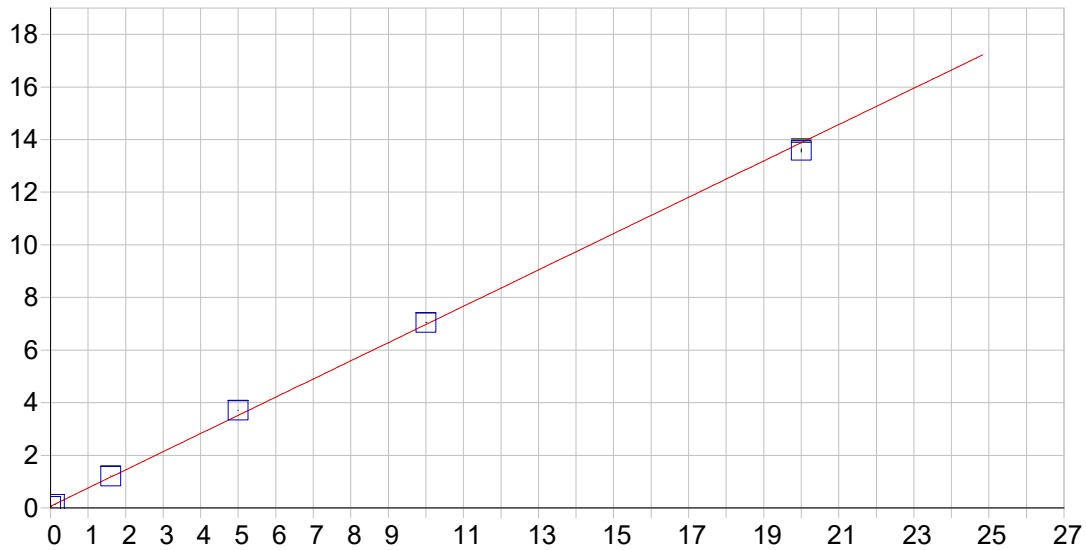
Status: OK.

Std Error of Est: 0.000087

Predicted MDL: 0.014438

Predicted MQL: 0.048127

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00057 | .000    | 1        |
| S1        | .10000       | .10062      | .001       | .615    | .00497 | .000    | 1        |
| S3        | 5.0000       | 5.2687      | .269       | 5.37    | .21871 | .001    | 1        |
| S4        | 10.000       | 10.011      | .011       | .110    | .41547 | .001    | 1        |
| S5        | 20.000       | 19.603      | -.397      | -1.99   | .81332 | .003    | 1        |
| S2        | 1.6000       | 1.7171      | .117       | 7.32    | .07164 | .001    | 1        |

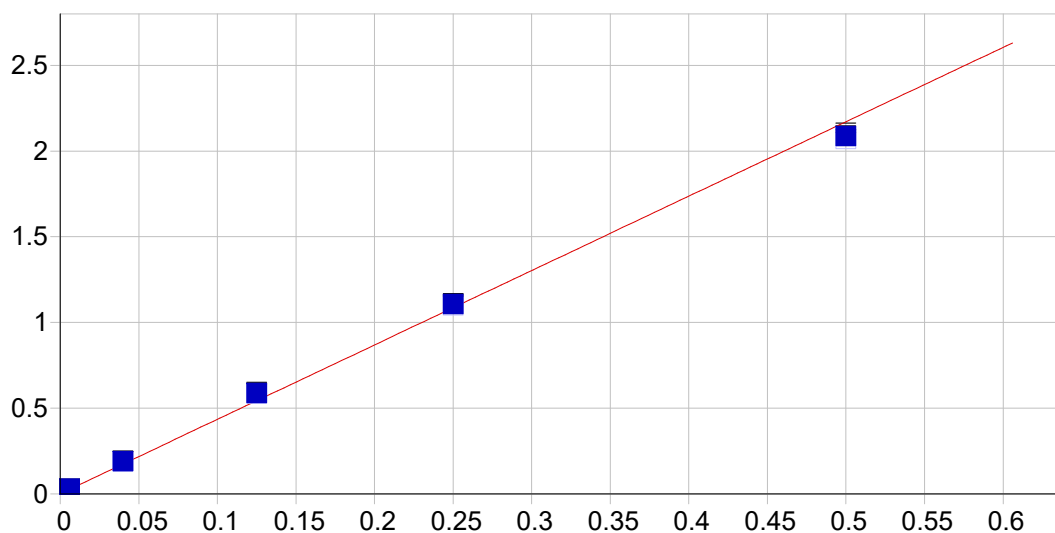


**Ba 493.409 { 68}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.065238 Re-Slope: 1.000000  
 A1 (Gain): 0.690795 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999642 Status: OK.  
 Std Error of Est: 0.001372  
 Predicted MDL: 0.002460  
 Predicted MQL: 0.008199

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .06523 | .001    | 1        |
| S1        | .10000       | .09856      | -.001      | -1.44   | .13332 | .003    | 1        |
| S3        | 5.0000       | 5.2688      | .269       | 5.38    | 3.7049 | .011    | 1        |
| S4        | 10.000       | 10.102      | .102       | 1.02    | 7.0433 | .005    | 1        |
| S5        | 20.000       | 19.577      | -.423      | -2.12   | 13.589 | .062    | 1        |
| S2        | 1.6000       | 1.6545      | .054       | 3.40    | 1.2081 | .005    | 1        |



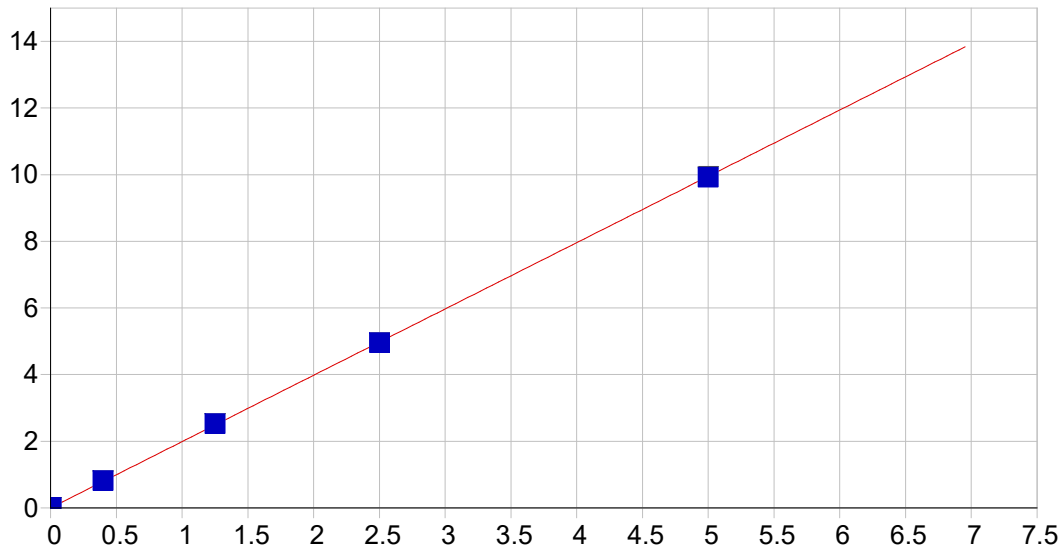
#### Be 234.861 {144}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001080 Re-Slope: 1.000000  
 A1 (Gain): 4.339572 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998838 Status: OK.  
 Std Error of Est: 0.000598  
 Predicted MDL: 0.000066  
 Predicted MQL: 0.000220

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00107 | .000    | 1        |
| S1        | .00600       | .00662      | .001       | 10.3    | .02951 | .000    | 1        |
| S3        | .12500       | .13537      | .010       | 8.30    | .58446 | .004    | 1        |
| S4        | .25000       | .25480      | .005       | 1.92    | 1.0987 | .005    | 1        |
| S5        | .50000       | .48054      | -.019      | -3.89   | 2.0701 | .019    | 1        |
| S2        | .04000       | .04367      | .004       | 9.17    | .18927 | .001    | 1        |



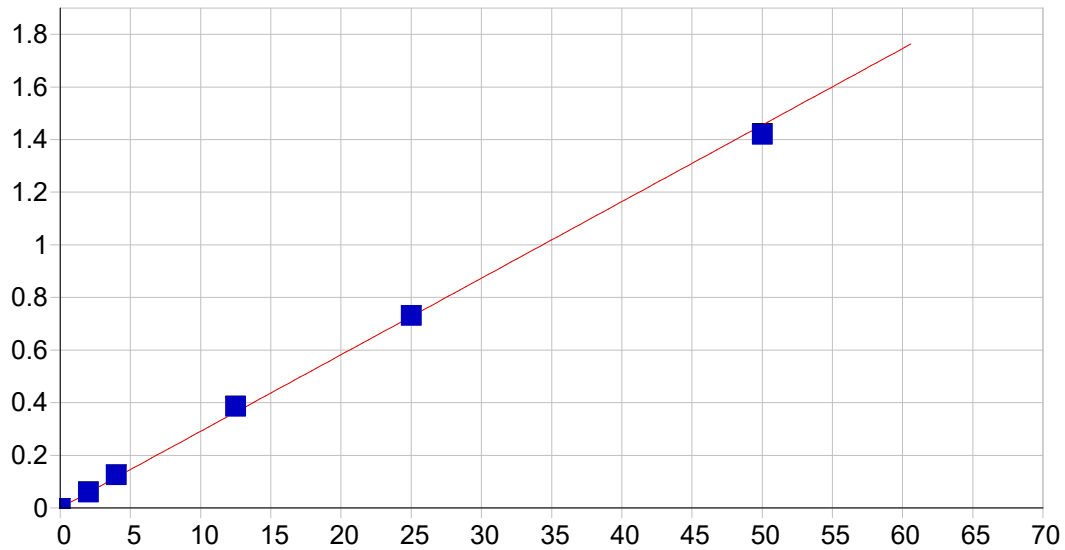


**Cd 226.502 {449}**

Date of Fit: 2/27/2023 12:38:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000223 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.990169 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999966 | Status:   | OK.      |
| Std Error of Est: | 0.000148 |           |          |
| Predicted MDL:    | 0.000099 |           |          |
| Predicted MQL:    | 0.000330 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00022 | .000    | 1        |
| S1        | .00600       | .00644      | .000       | 7.40    | .01310 | .000    | 1        |
| S3        | 1.2500       | 1.2701      | .020       | 1.61    | 2.5300 | .006    | 1        |
| S4        | 2.5000       | 2.4875      | -.013      | -.500   | 4.9550 | .010    | 1        |
| S5        | 5.0000       | 4.9842      | -.016      | -.315   | 9.9282 | .017    | 1        |
| S2        | .40000       | .40774      | .008       | 1.94    | .81238 | .001    | 1        |

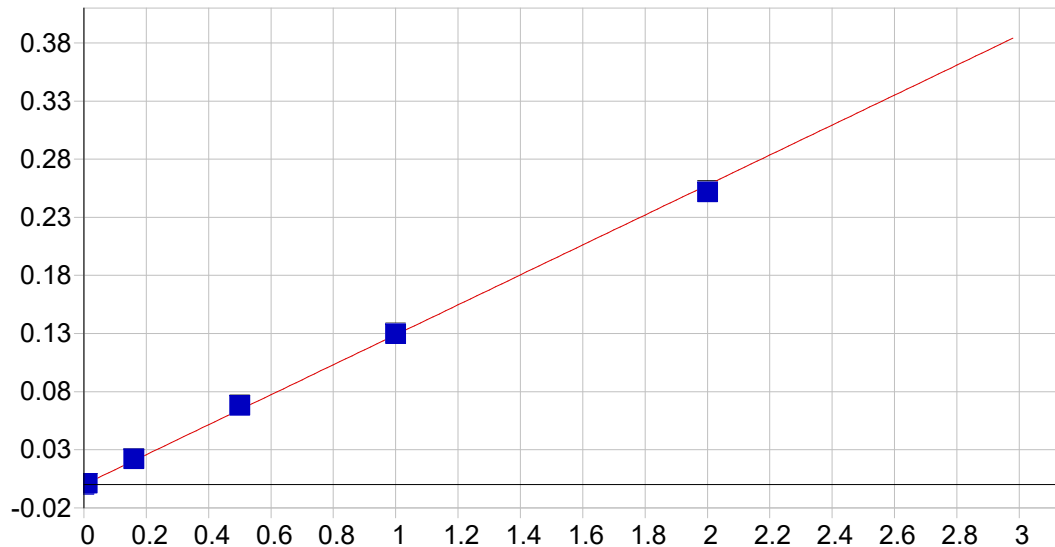


Ca 373.690 { 90}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000182 Re-Slope: 1.000000  
 A1 (Gain): 0.029098 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999469 Status: OK.  
 Std Error of Est: 0.000501  
 Predicted MDL: 0.015159  
 Predicted MQL: 0.050530

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00028     | -.000      | .000    | .00017 | .000    | 1        |
| S2        | 4.0000       | 4.3078      | .308       | 7.70    | .12535 | .000    | 1        |
| S3        | 12.500       | 13.246      | .746       | 5.97    | .38506 | .001    | 1        |
| S4        | 25.000       | 25.099      | .099       | .398    | .72942 | .001    | 1        |
| S5        | 50.000       | 48.796      | -1.20      | -2.41   | 1.4178 | .003    | 1        |
| S1        | 2.0000       | 2.0507      | .051       | 2.54    | .05983 | .000    | 1        |

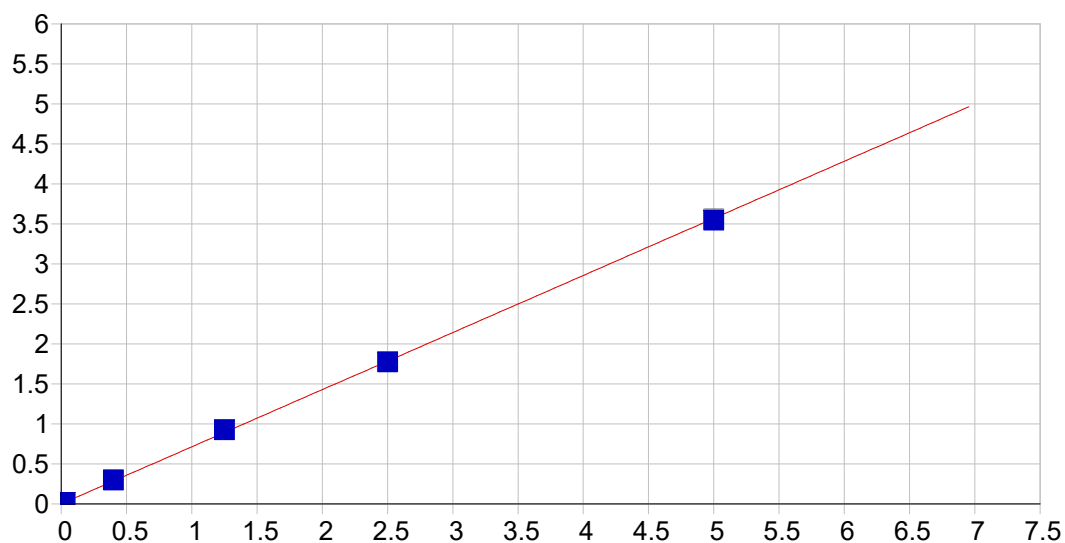


Cr 267.716 {126}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000  
 A1 (Gain): 0.128893 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999536 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.000486  
 Predicted MQL: 0.001622

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01000       | .01022      | .000       | 2.16    | .00133 | .000    | 1        |
| S3        | .50000       | .52817      | .028       | 5.63    | .06815 | .000    | 1        |
| S4        | 1.0000       | 1.0071      | .007       | .711    | .12995 | .000    | 1        |
| S5        | 2.0000       | 1.9538      | -.046      | -2.31   | .25210 | .001    | 1        |
| S2        | .16000       | .17066      | .011       | 6.66    | .02202 | .000    | 1        |

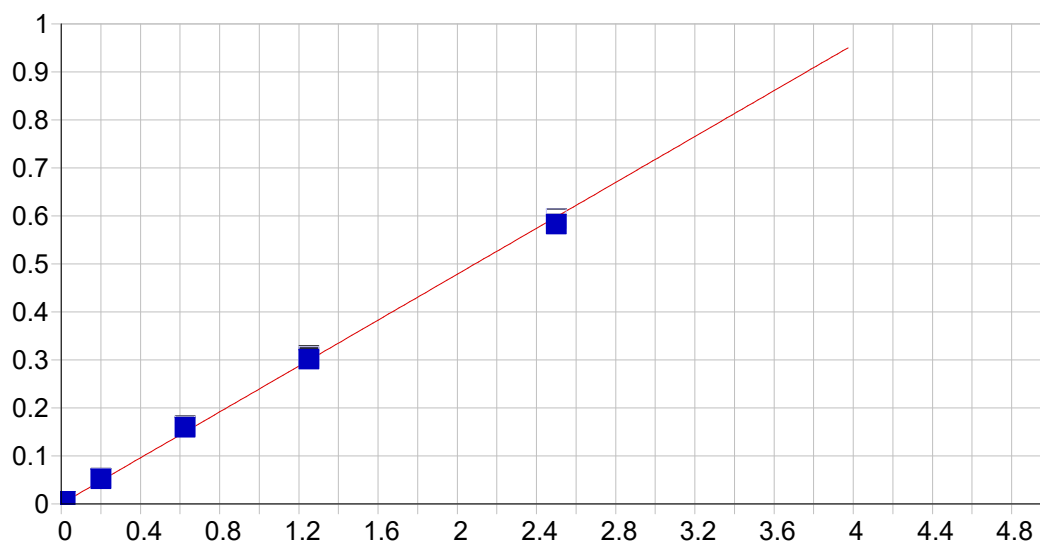


Co 228.616 {448}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000374 Re-Slope: 1.000000  
 A1 (Gain): 0.713840 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999872 Status: OK.  
 Std Error of Est: 0.000232  
 Predicted MDL: 0.000246  
 Predicted MQL: 0.000820

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00037 | .000    | 1        |
| S1        | .03000       | .02984      | -.000      | -.518   | .02162 | .000    | 1        |
| S3        | 1.2500       | 1.2937      | .044       | 3.50    | .92583 | .003    | 1        |
| S4        | 2.5000       | 2.4796      | -.020      | -.815   | 1.7743 | .004    | 1        |
| S5        | 5.0000       | 4.9641      | -.036      | -.717   | 3.5518 | .007    | 1        |
| S2        | .40000       | .41269      | .013       | 3.17    | .29559 | .000    | 1        |

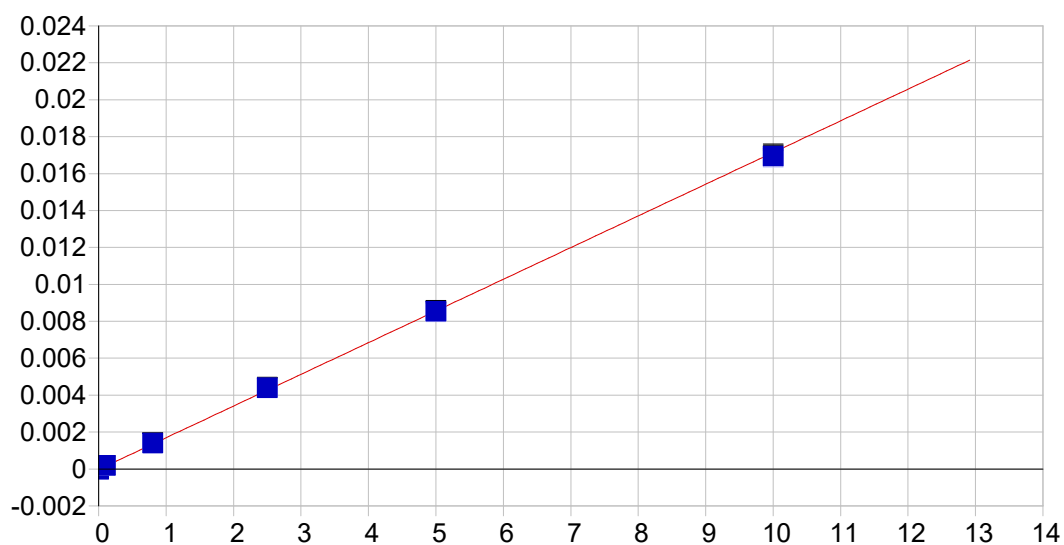


**Cu 224.700 {450}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000454 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.239060 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999371 | Status:   | OK.      |
| Std Error of Est: | 0.000101 |           |          |
| Predicted MDL:    | 0.000876 |           |          |
| Predicted MQL:    | 0.002920 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00045 | .000    | 1        |
| S1        | .02000       | .02311      | .003       | 15.6    | .00607 | .000    | 1        |
| S3        | .62500       | .66348      | .038       | 6.16    | .16197 | .000    | 1        |
| S4        | 1.2500       | 1.2576      | .008       | .611    | .30692 | .002    | 1        |
| S5        | 2.5000       | 2.4342      | -.066      | -2.63   | .59400 | .000    | 1        |
| S2        | .20000       | .21659      | .017       | 8.29    | .05316 | .000    | 1        |

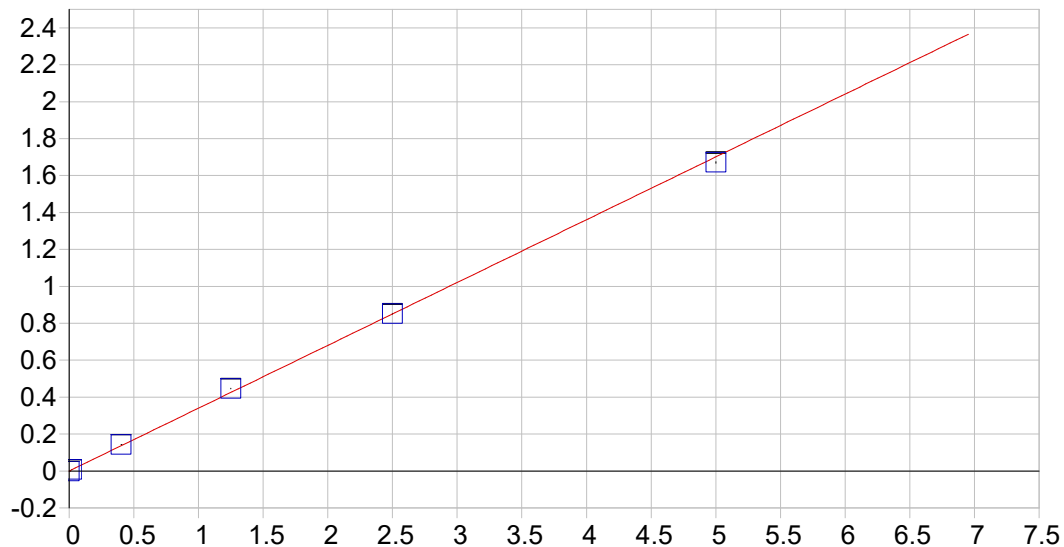


**Fe 240.488 {140}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000  
 A1 (Gain): 0.001717 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999757 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.012027  
 Predicted MQL: 0.040089

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .10000       | .11983      | .020       | 19.8    | .00018  | .000    | 1        |
| S3        | 2.5000       | 2.5766      | .077       | 3.07    | .00438  | .000    | 1        |
| S4        | 5.0000       | 4.9903      | -.010      | -.193   | .00851  | .000    | 1        |
| S5        | 10.000       | 9.8826      | -.117      | -1.17   | .01687  | .000    | 1        |
| S2        | .80000       | .83065      | .031       | 3.83    | .00140  | .000    | 1        |

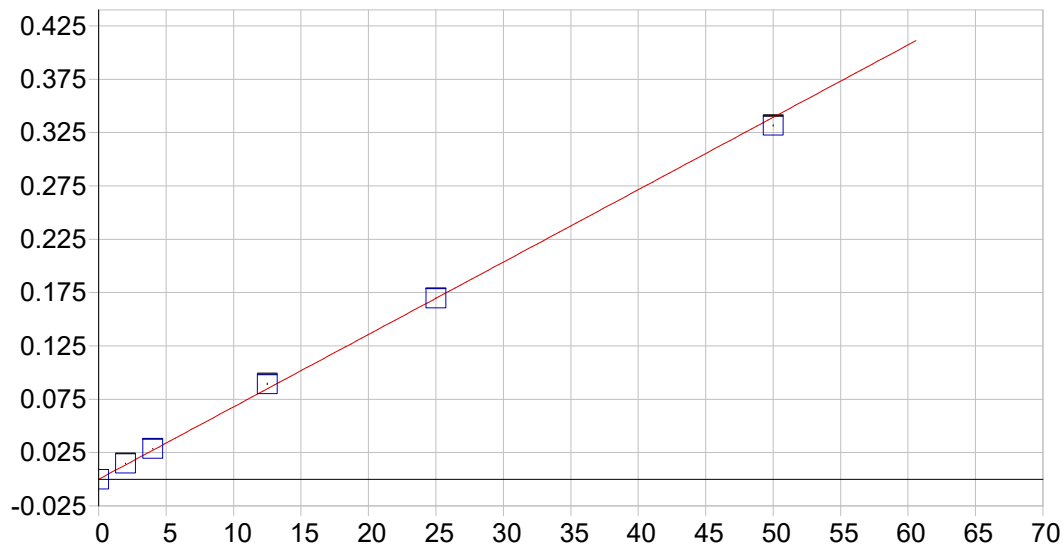


**Mn 257.610 {131}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000  
 A1 (Gain): 0.340185 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999675 Status: OK.  
 Std Error of Est: 0.000144  
 Predicted MDL: 0.000552  
 Predicted MQL: 0.001839

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00001 | .000    | 1        |
| S1        | .02000       | .02097      | .001       | 4.84    | .00712  | .000    | 1        |
| S3        | 1.2500       | 1.3132      | .063       | 5.06    | .44674  | .002    | 1        |
| S4        | 2.5000       | 2.5026      | .003       | .105    | .85135  | .003    | 1        |
| S5        | 5.0000       | 4.9117      | -.088      | -1.77   | 1.6709  | .004    | 1        |
| S2        | .40000       | .42149      | .021       | 5.37    | .14337  | .000    | 1        |



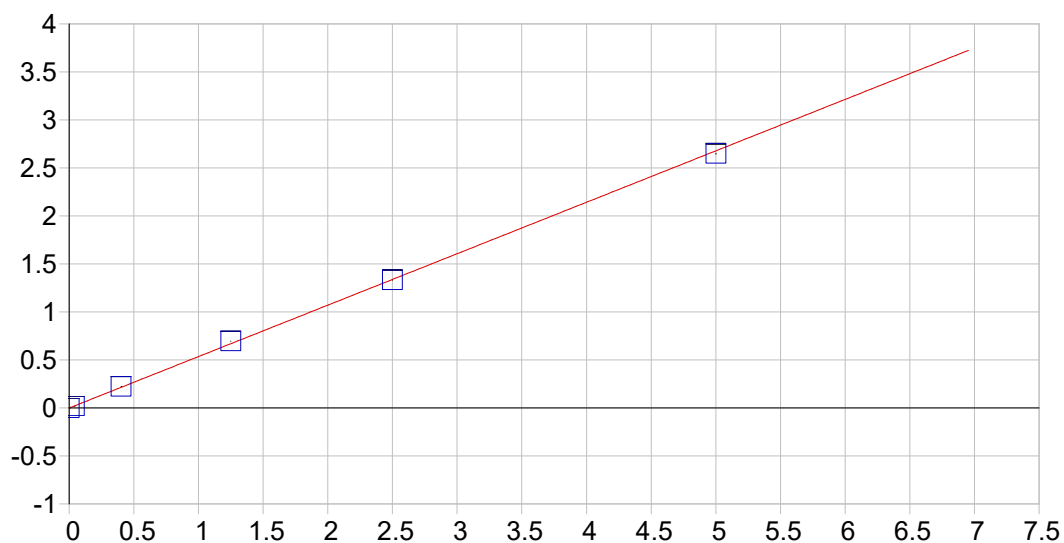
**Mg 279.079 {121}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000  
 A1 (Gain): 0.006787 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999480 Status: OK.  
 Std Error of Est: 0.000116  
 Predicted MDL: 0.029553  
 Predicted MQL: 0.098509

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00038     | -.000      | .000    | -.00006 | .000    | 1        |
| S2        | 4.0000       | 4.2349      | .235       | 5.87    | .02868  | .000    | 1        |
| S3        | 12.500       | 13.184      | .684       | 5.47    | .08942  | .001    | 1        |
| S4        | 25.000       | 25.008      | .008       | .034    | .16968  | .000    | 1        |
| S5        | 50.000       | 48.870      | -1.13      | -2.26   | .33164  | .001    | 1        |
| S1        | 2.0000       | 2.2026      | .203       | 10.1    | .01489  | .000    | 1        |



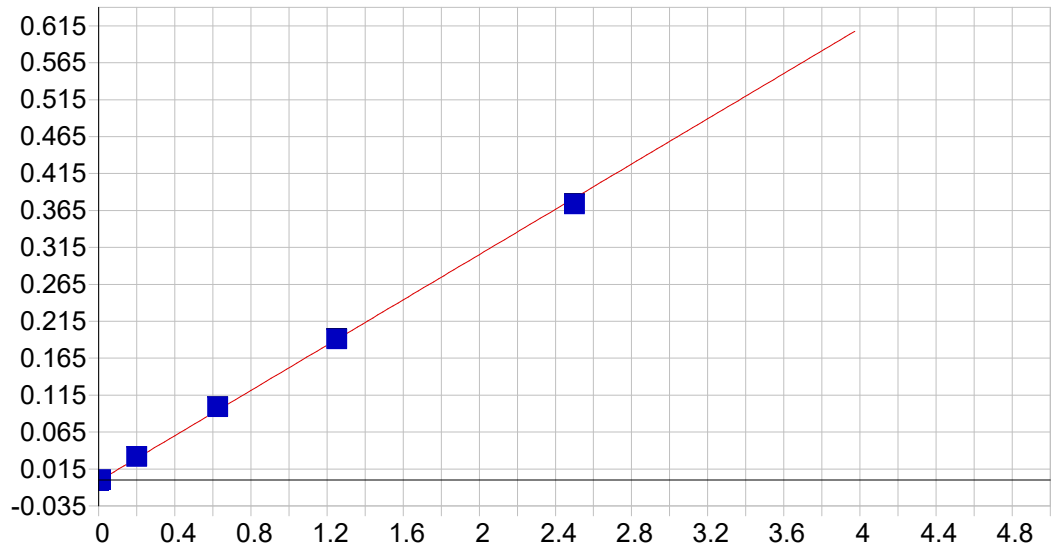


Ni 231.604 {446}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000297 Re-Slope: 1.000000  
 A1 (Gain): 0.535664 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999824 Status: OK.  
 Std Error of Est: 0.000236  
 Predicted MDL: 0.000366  
 Predicted MQL: 0.001219

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00030 | .000    | 1        |
| S1        | .04000       | .04022      | .000       | .541    | .02125  | .000    | 1        |
| S3        | 1.2500       | 1.2981      | .048       | 3.85    | .69506  | .002    | 1        |
| S4        | 2.5000       | 2.4879      | -.012      | -.482   | 1.3324  | .003    | 1        |
| S5        | 5.0000       | 4.9465      | -.054      | -1.07   | 2.6494  | .005    | 1        |
| S2        | .40000       | .41724      | .017       | 4.31    | .22320  | .000    | 1        |

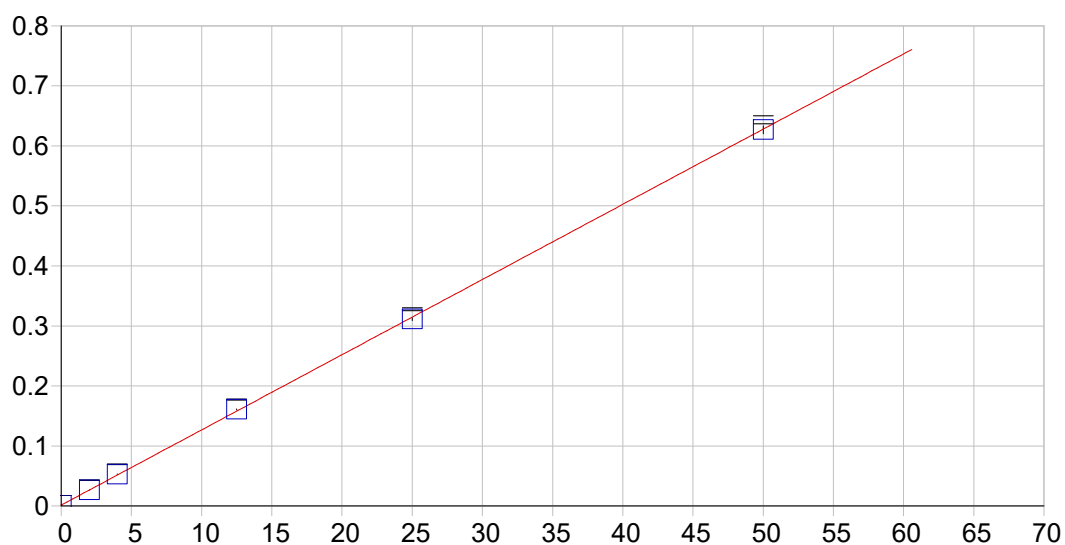


**Ag 328.068 {103}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001299 Re-Slope: 1.000000  
 A1 (Gain): 0.153268 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999583 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.000662  
 Predicted MQL: 0.002206

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00130 | .000    | 1        |
| S1        | .01000       | .01078      | .001       | 7.82    | .00035  | .000    | 1        |
| S3        | .62500       | .65594      | .031       | 4.95    | .09889  | .000    | 1        |
| S4        | 1.2500       | 1.2555      | .005       | .439    | .19044  | .001    | 1        |
| S5        | 2.5000       | 2.4480      | -.052      | -2.08   | .37251  | .001    | 1        |
| S2        | .20000       | .21483      | .015       | 7.41    | .03152  | .000    | 1        |

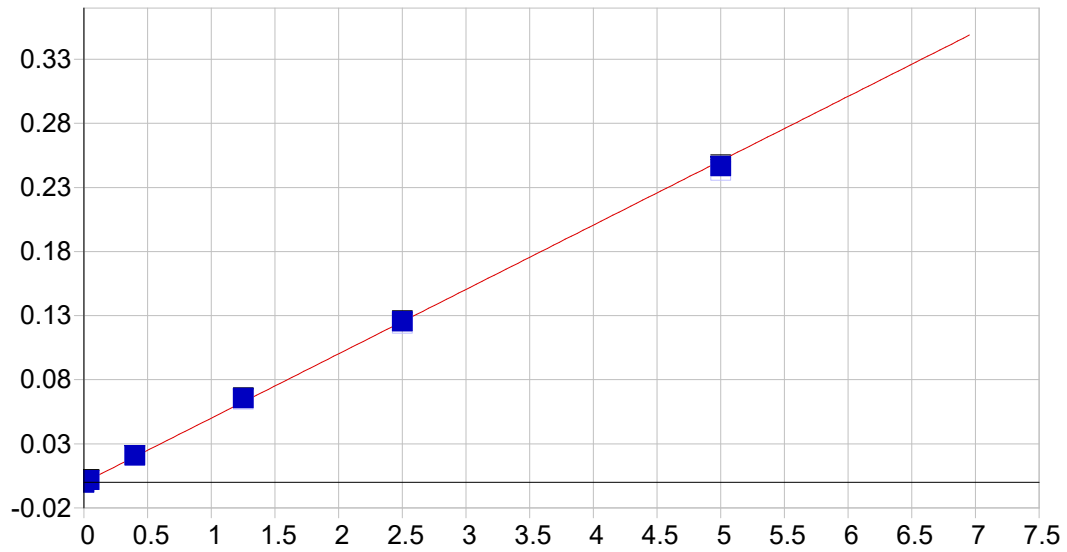


**Na 589.592 { 57}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001339 Re-Slope: 1.000000  
 A1 (Gain): 0.012533 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999945 Status: OK.  
 Std Error of Est: 0.000070  
 Predicted MDL: 0.014288  
 Predicted MQL: 0.047628

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00008     | -.000      | .000    | .00134 | .000    | 1        |
| S2        | 4.0000       | 4.1107      | .111       | 2.77    | .05286 | .001    | 1        |
| S3        | 12.500       | 12.726      | .226       | 1.81    | .16083 | .001    | 1        |
| S4        | 25.000       | 24.726      | -.274      | -1.09   | .31123 | .003    | 1        |
| S5        | 50.000       | 49.924      | -.076      | -.153   | .62702 | .007    | 1        |
| S1        | 2.0000       | 2.0135      | .014       | .676    | .02657 | .000    | 1        |

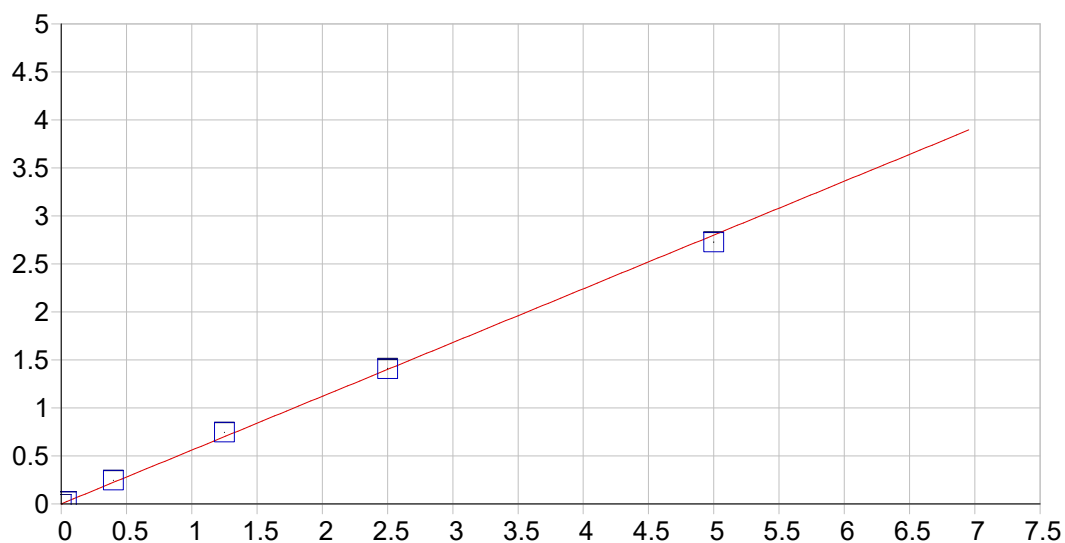


V 292.402 {115}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000172 Re-Slope: 1.000000  
 A1 (Gain): 0.050207 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999708 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.004284  
 Predicted MQL: 0.014279

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00017 | .000    | 1        |
| S1        | .04000       | .03918      | -.001      | -2.05   | .00172  | .000    | 1        |
| S3        | 1.2500       | 1.3101      | .060       | 4.81    | .06471  | .000    | 1        |
| S4        | 2.5000       | 2.5046      | .005       | .185    | .12378  | .000    | 1        |
| S5        | 5.0000       | 4.9170      | -.083      | -1.66   | .24310  | .001    | 1        |
| S2        | .40000       | .41909      | .019       | 4.77    | .02058  | .000    | 1        |

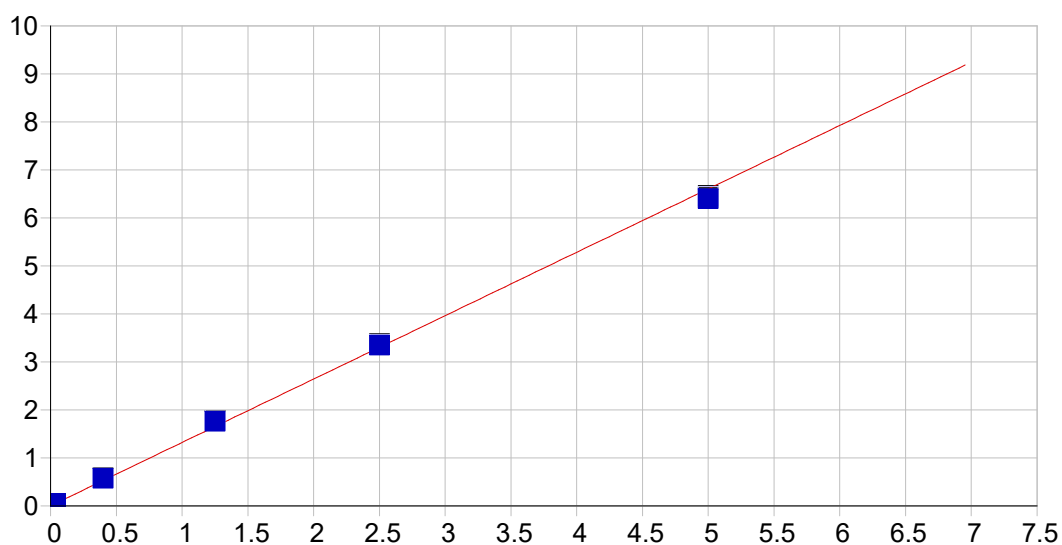


**Zn 206.200 {464}**

Date of Fit: 2/27/2023 12:38:19      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000103 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.560169 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999303 | Status:   | OK.      |
| Std Error of Est: | 0.000491 |           |          |
| Predicted MDL:    | 0.000203 |           |          |
| Predicted MQL:    | 0.000678 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .04000       | .04440      | .004       | 11.0    | .02498 | .000    | 1        |
| S3        | 1.2500       | 1.3306      | .081       | 6.44    | .74544 | .002    | 1        |
| S4        | 2.5000       | 2.5111      | .011       | .445    | 1.4068 | .006    | 1        |
| S5        | 5.0000       | 4.8664      | -.134      | -2.67   | 2.7261 | .004    | 1        |
| S2        | .40000       | .43751      | .038       | 9.38    | .24519 | .000    | 1        |

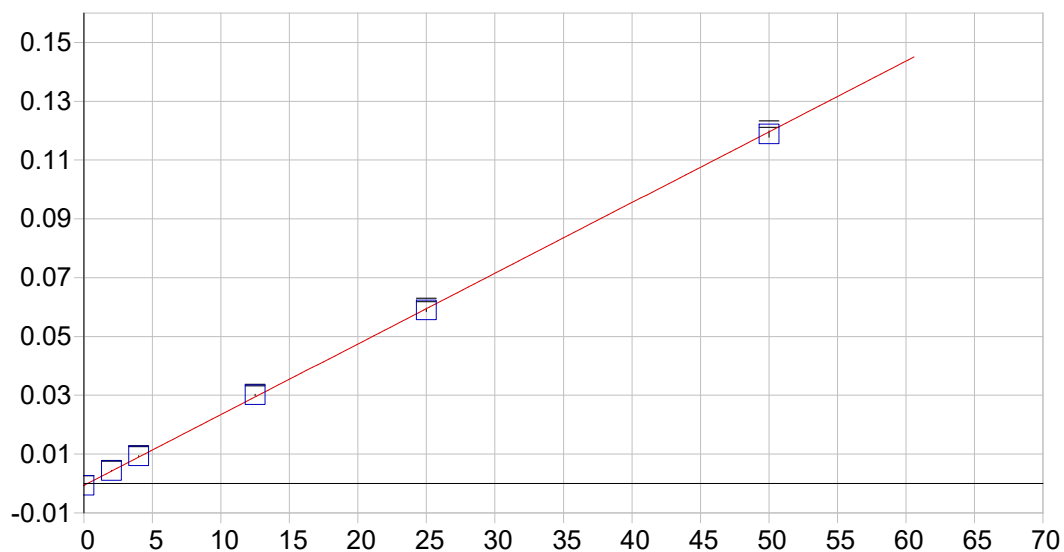


**Zn 213.856 {158}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001496 Re-Slope: 1.000000  
A1 (Gain): 1.320670 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999233 Status: OK.  
Std Error of Est: 0.001224  
Predicted MDL: 0.000330  
Predicted MQL: 0.001100

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00148 | .000    | 1        |
| S1        | .04000       | .04379      | .004       | 9.48    | .05972 | .001    | 1        |
| S3        | 1.2500       | 1.3340      | .084       | 6.72    | 1.7755 | .005    | 1        |
| S4        | 2.5000       | 2.5320      | .032       | 1.28    | 3.3700 | .013    | 1        |
| S5        | 5.0000       | 4.8450      | -.155      | -3.10   | 6.4491 | .014    | 1        |
| S2        | .40000       | .43521      | .035       | 8.80    | .58019 | .001    | 1        |

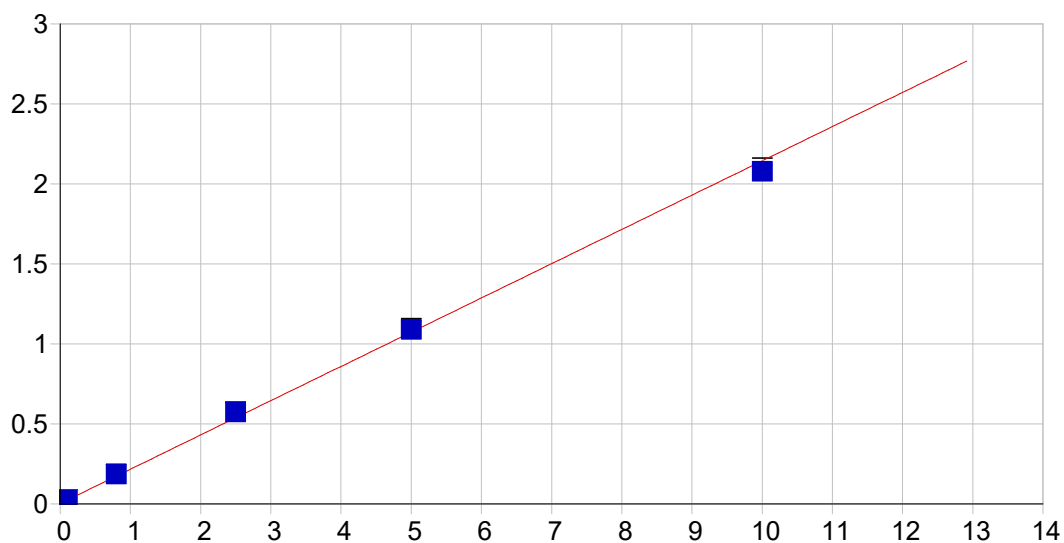


**K 766.490 { 44}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000618 Re-Slope: 1.000000  
 A1 (Gain): 0.002404 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999906 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.085610  
 Predicted MQL: 0.285367

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00016     | -.000      | .000    | -.00062 | .000    | 1        |
| S2        | 4.0000       | 4.1451      | .145       | 3.63    | .00935  | .000    | 1        |
| S3        | 12.500       | 12.787      | .287       | 2.29    | .03012  | .000    | 1        |
| S4        | 25.000       | 24.816      | -.184      | -.735   | .05904  | .001    | 1        |
| S5        | 50.000       | 49.683      | -.317      | -.635   | .11882  | .001    | 1        |
| S1        | 2.0000       | 2.0694      | .069       | 3.47    | .00436  | .000    | 1        |



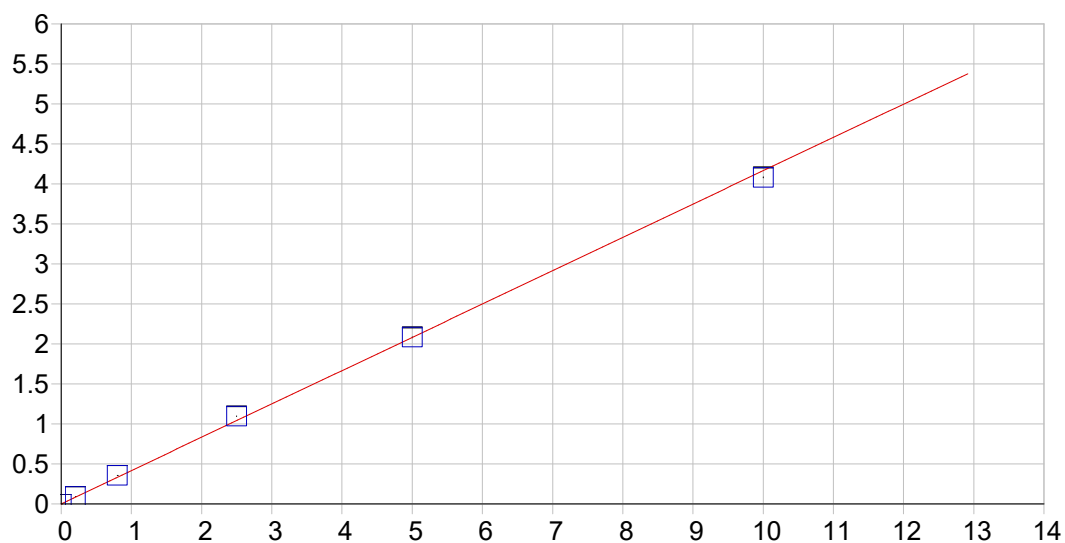
**B 249.678 {135}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002648 Re-Slope: 1.000000  
 A1 (Gain): 0.214115 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999313 Status: OK.  
 Std Error of Est: 0.000417  
 Predicted MDL: 0.001434  
 Predicted MQL: 0.004780

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00264 | .000    | 1        |
| S1        | .10000       | .10559      | .006       | 5.59    | .02519 | .000    | 1        |
| S3        | 2.5000       | 2.6647      | .165       | 6.59    | .57348 | .004    | 1        |
| S4        | 5.0000       | 5.0798      | .080       | 1.60    | 1.0909 | .006    | 1        |
| S5        | 10.000       | 9.6959      | -.304      | -3.04   | 2.0798 | .021    | 1        |
| S2        | .80000       | .85404      | .054       | 6.76    | .18560 | .001    | 1        |



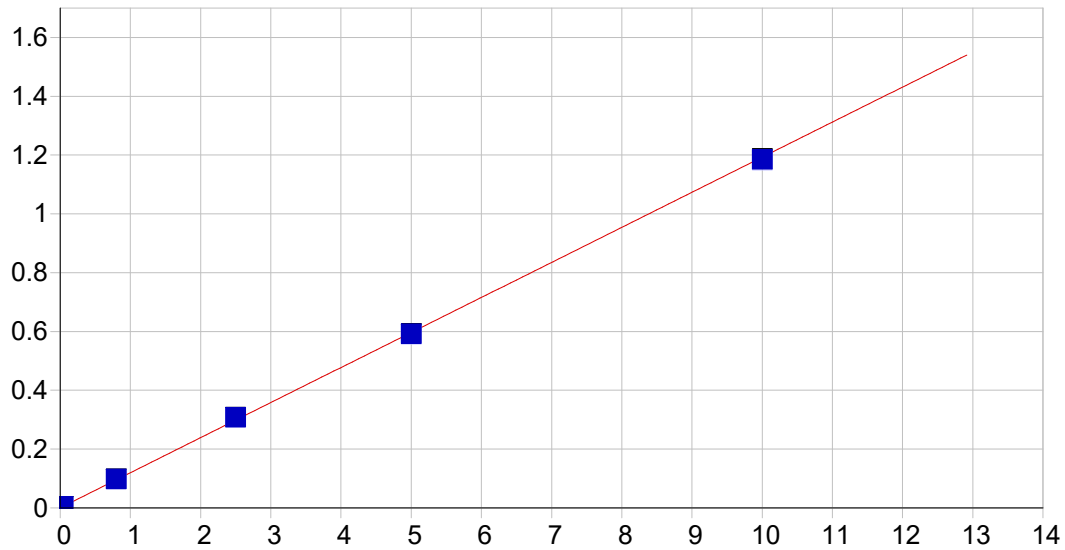


Mo 202.030 {467}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000392 Re-Slope: 1.000000  
 A1 (Gain): 0.416398 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999581 Status: OK.  
 Std Error of Est: 0.000897  
 Predicted MDL: 0.000319  
 Predicted MQL: 0.001063

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .20000       | .21626      | .016       | 8.13    | .09044 | .000    | 1        |
| S3        | 2.5000       | 2.6295      | .130       | 5.18    | 1.0953 | .003    | 1        |
| S4        | 5.0000       | 5.0018      | .002       | .037    | 2.0831 | .007    | 1        |
| S5        | 10.000       | 9.7999      | -.200      | -2.00   | 4.0810 | .006    | 1        |
| S2        | .80000       | .85250      | .053       | 6.56    | .35537 | .000    | 1        |

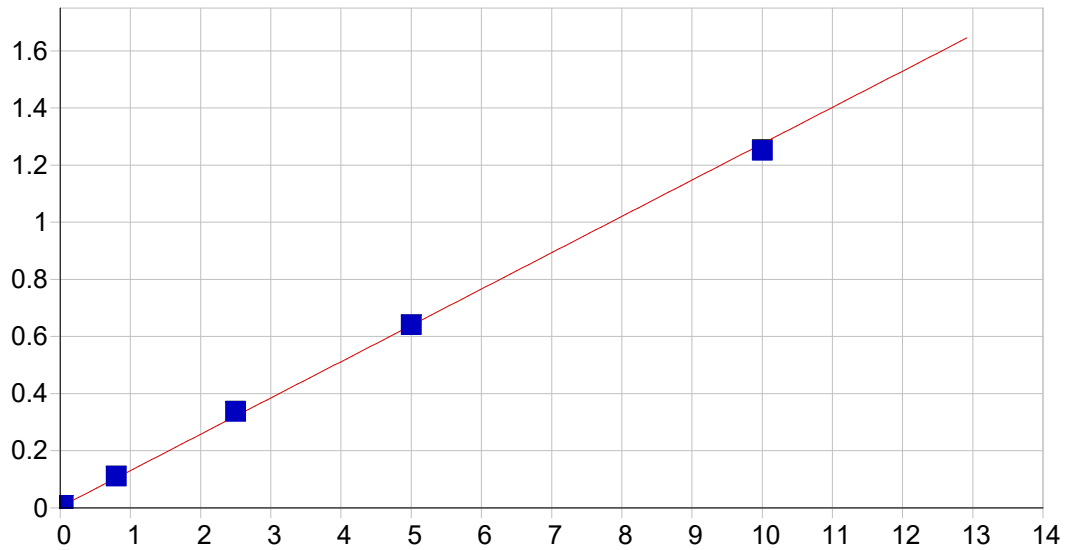


**Sn 189.989 {478}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000161 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.119274 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999885 | Status:   | OK.      |
| Std Error of Est: | 0.000060 |           |          |
| Predicted MDL:    | 0.000735 |           |          |
| Predicted MQL:    | 0.002451 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .04000       | .03937      | -.001      | -1.57   | .00484 | .000    | 1        |
| S3        | 2.5000       | 2.5833      | .083       | 3.33    | .30748 | .000    | 1        |
| S4        | 5.0000       | 4.9587      | -.041      | -.827   | .59000 | .001    | 1        |
| S5        | 10.000       | 9.9359      | -.064      | -.641   | 1.1820 | .003    | 1        |
| S2        | .80000       | .82274      | .023       | 2.84    | .09803 | .000    | 1        |

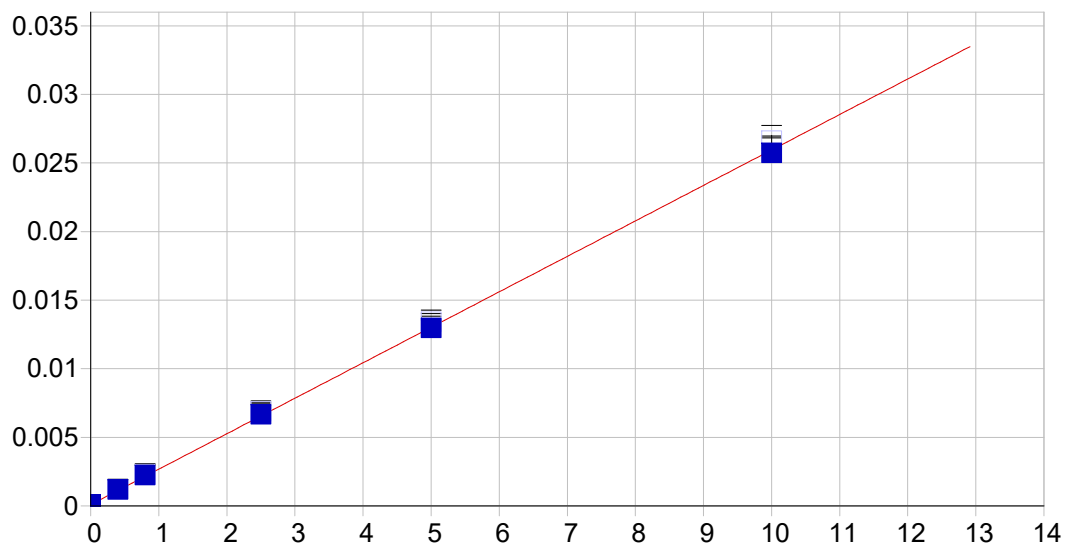


Ti 336.121 {100}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003371 Re-Slope: 1.000000  
 A1 (Gain): 0.127154 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999663 Status: OK.  
 Std Error of Est: 0.000110  
 Predicted MDL: 0.002204  
 Predicted MQL: 0.007348

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00337 | .000    | 1        |
| S1        | .04000       | .04012      | .000       | .302    | .00847 | .000    | 1        |
| S3        | 2.5000       | 2.6268      | .127       | 5.07    | .33750 | .001    | 1        |
| S4        | 5.0000       | 5.0146      | .015       | .293    | .64124 | .001    | 1        |
| S5        | 10.000       | 9.8142      | -.186      | -1.86   | 1.2518 | .002    | 1        |
| S2        | .80000       | .84426      | .044       | 5.53    | .11076 | .000    | 1        |

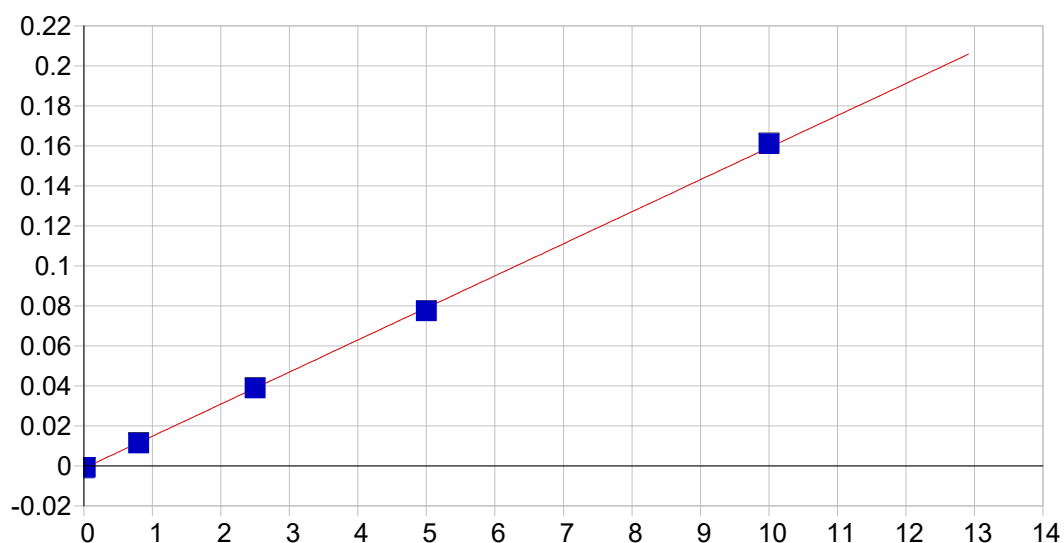


Si 288.158 {117}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000  
 A1 (Gain): 0.002586 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000004  
 Predicted MDL: 0.016222  
 Predicted MQL: 0.054075

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00005     | -.000      | .000    | .00009 | .000    | 1        |
| S1        | .40000       | .42802      | .028       | 7.00    | .00120 | .000    | 1        |
| S3        | 2.5000       | 2.5435      | .044       | 1.74    | .00689 | .000    | 1        |
| S4        | 5.0000       | 4.9803      | -.020      | -.395   | .01342 | .000    | 1        |
| S5        | 10.000       | 9.9158      | -.084      | -.842   | .02663 | .000    | 1        |
| S2        | .80000       | .83323      | .033       | 4.15    | .00232 | .000    | 1        |

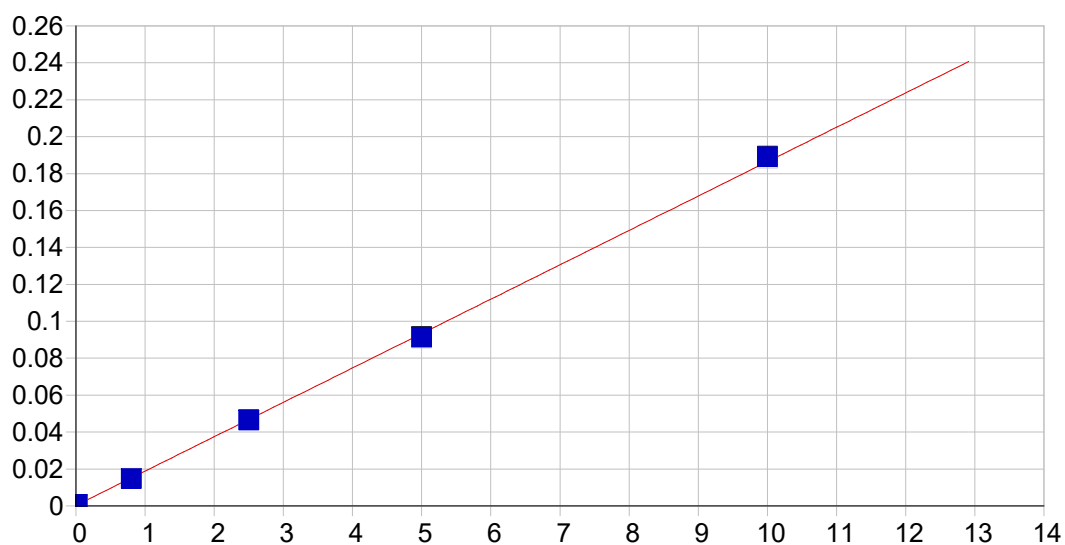


P 177.495 {490}

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001153 Re-Slope: 1.000000  
 A1 (Gain): 0.016031 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999888 Status: OK.  
 Std Error of Est: 0.000006  
 Predicted MDL: 0.003738  
 Predicted MQL: 0.012461

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00115 | .000    | 1        |
| S1        | .02000       | .01821      | -.002      | -8.95   | -.00086 | .000    | 1        |
| S3        | 2.5000       | 2.4967      | -.003      | -.131   | .03890  | .000    | 1        |
| S4        | 5.0000       | 4.8978      | -.102      | -2.04   | .07742  | .000    | 1        |
| S5        | 10.000       | 10.124      | .124       | 1.24    | .16125  | .000    | 1        |
| S2        | .80000       | .78367      | -.016      | -2.04   | .01142  | .000    | 1        |

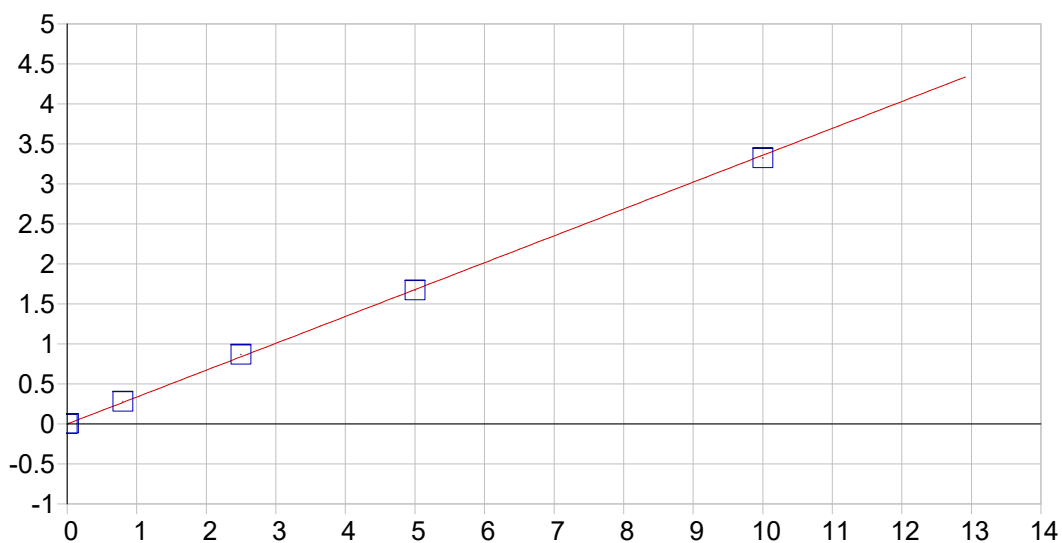


**S 182.034 {485}**

Date of Fit: 2/27/2023 12:38:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000  
 A1 (Gain): 0.018622 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999857 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.004023  
 Predicted MQL: 0.013411

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .02000       | .02185      | .002       | 9.24    | .00062 | .000    | 1        |
| S3        | 2.5000       | 2.4813      | -.019      | -.748   | .04622 | .000    | 1        |
| S4        | 5.0000       | 4.8913      | -.109      | -2.17   | .09087 | .000    | 1        |
| S5        | 10.000       | 10.144      | .144       | 1.44    | .18825 | .000    | 1        |
| S2        | .80000       | .78129      | -.019      | -2.34   | .01471 | .000    | 1        |



Li 670.784 { 50}

Date of Fit: 2/27/2023 12:38:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000022

Re-Slope: 1.000000

A1 (Gain): 0.335834

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999808

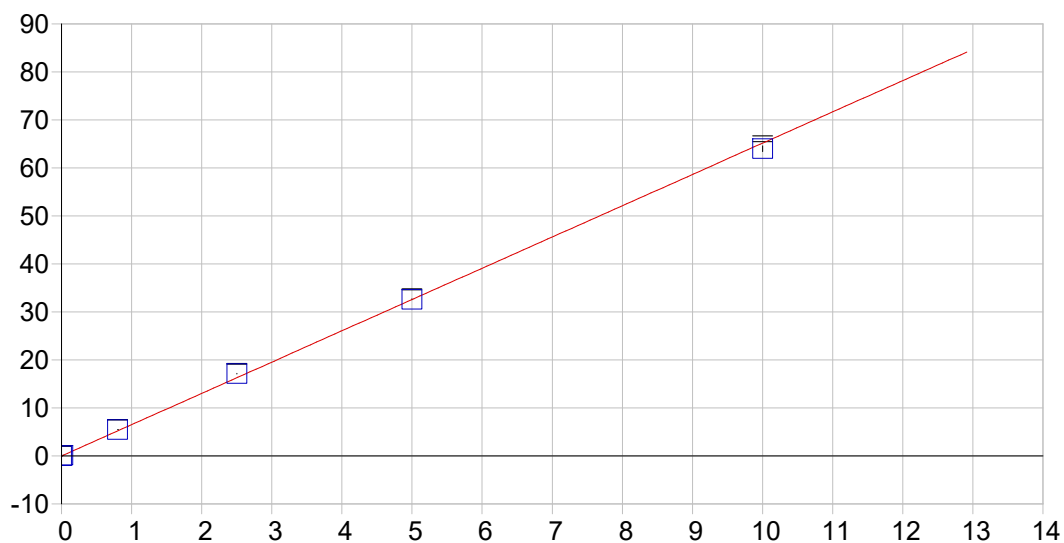
Status: OK.

Std Error of Est: 0.000154

Predicted MDL: 0.003447

Predicted MQL: 0.011491

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00002 | .001    | 1        |
| S5        | 10.000       | 9.8966      | -.103      | -1.03   | 3.3236  | .005    | 1        |
| S4        | 5.0000       | 4.9729      | -.027      | -.541   | 1.6701  | .003    | 1        |
| S3        | 2.5000       | 2.5867      | .087       | 3.47    | .86866  | .004    | 1        |
| S1        | .02000       | .02414      | .004       | 20.7    | .00808  | .001    | 1        |
| S2        | .80000       | .83969      | .040       | 4.96    | .28197  | .001    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 2/27/2023 12:38:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000448

Re-Slope: 1.000000

A1 (Gain): 6.515103

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999678

Status: OK.

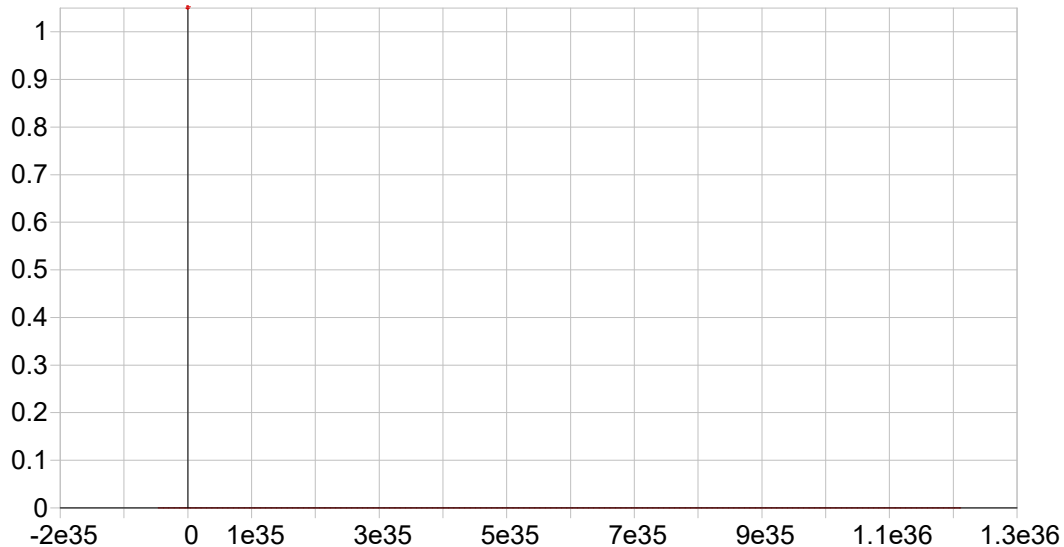
Std Error of Est: 0.003875

Predicted MDL: 0.000097

Predicted MQL: 0.000325

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00046 | .000    | 1        |
| S1        | .02000       | .02026      | .000       | 1.32    | .13157  | .001    | 1        |
| S3        | 2.5000       | 2.6282      | .128       | 5.13    | 17.123  | .077    | 1        |
| S4        | 5.0000       | 5.0088      | .009       | .177    | 32.633  | .072    | 1        |
| S5        | 10.000       | 9.8222      | -.178      | -1.78   | 63.992  | .580    | 1        |
| S2        | .80000       | .84049      | .040       | 5.06    | 5.4754  | .013    | 1        |



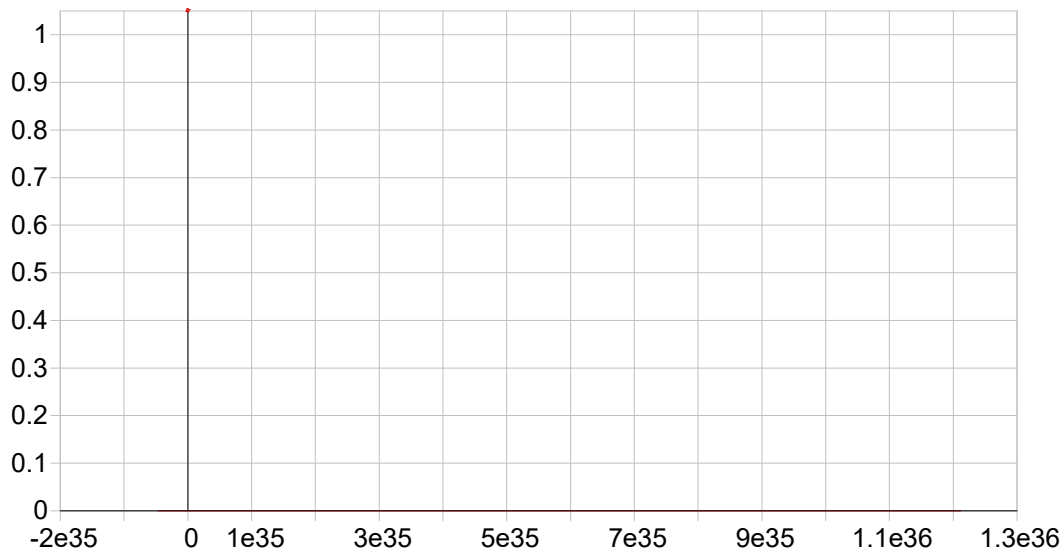


Y 224.306 {450}\*

Date of Fit: 2/27/2023 12:38:19 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      |           |                   |

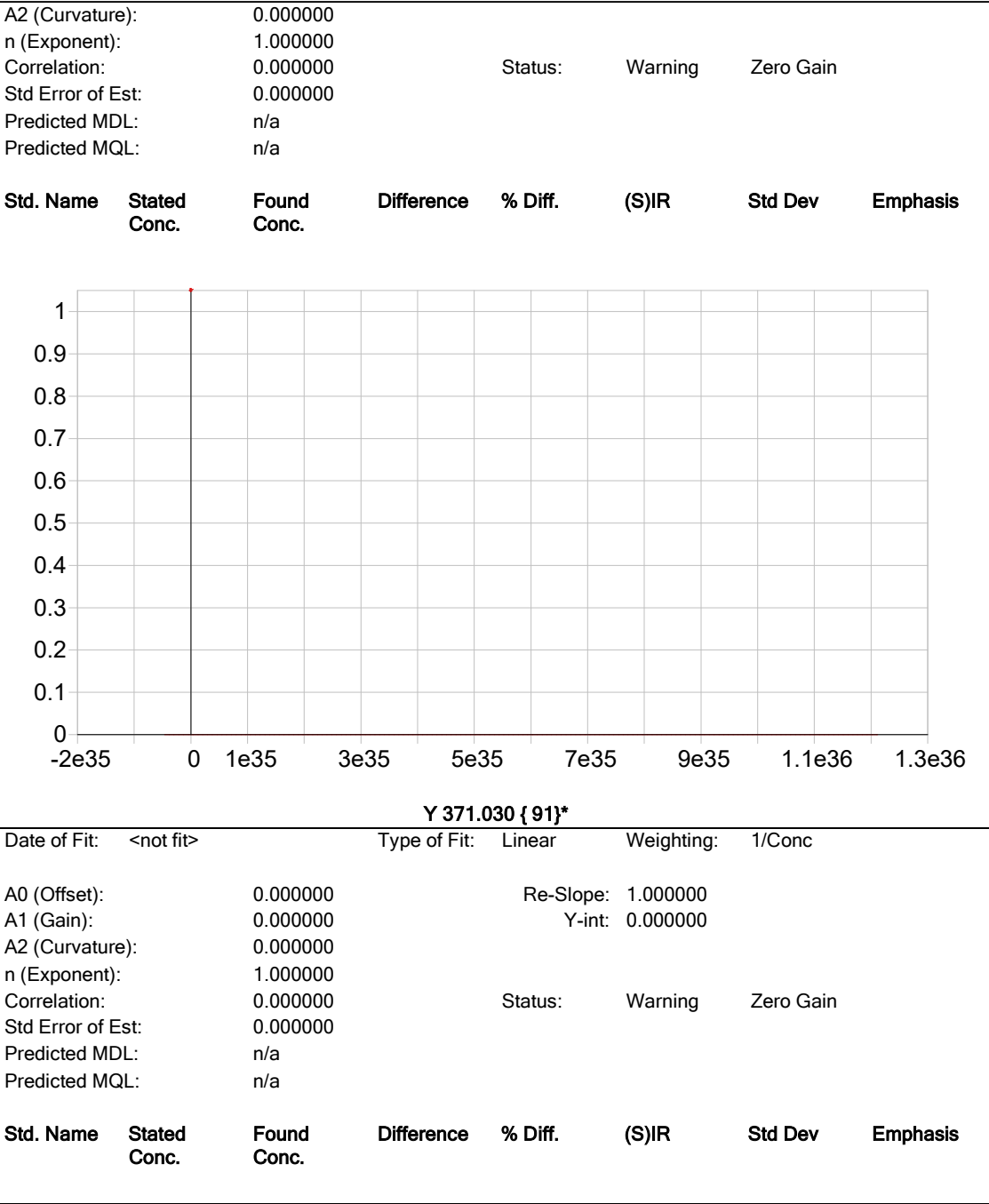
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

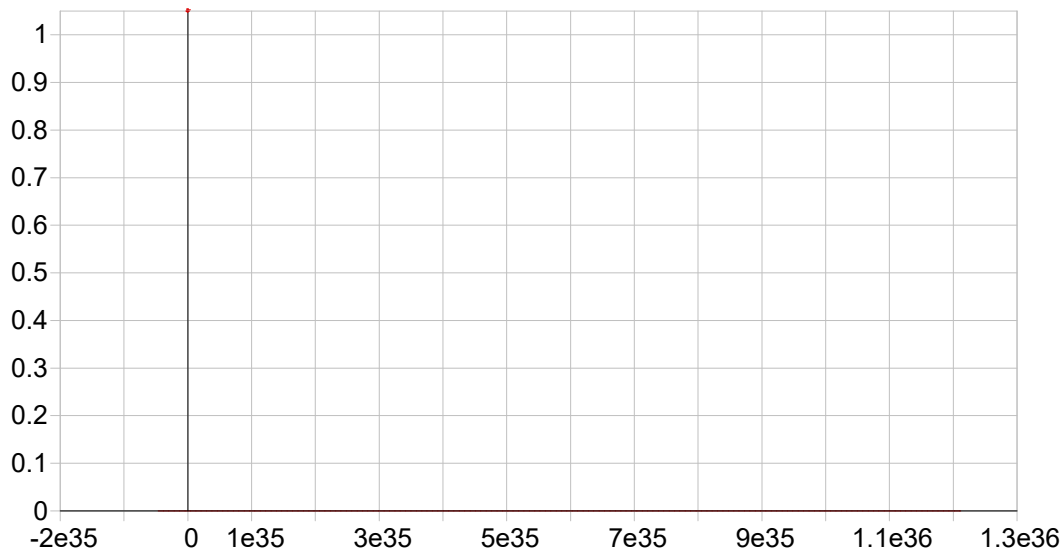


Y 360.073 { 94}\*

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 |

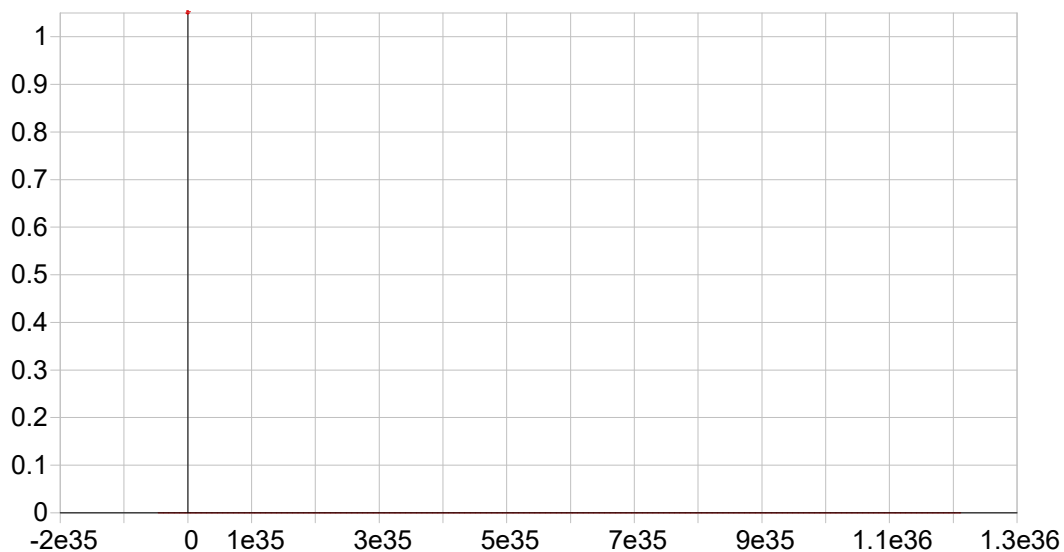




**Y 224.306 {150}\***

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

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



In 230.606 {446}\*

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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| 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 |

Sample Name: S0      Acquired: 2/27/2023 12:17:46      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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>-.00004</b> | <b>.00012</b> | <b>.00012</b> | <b>.00020</b> | <b>.00030</b> | <b>.00057</b> | <b>.06523</b> | <b>.00107</b> |
| Stddev | .00009         | .00003        | .00015        | .00006        | .00010        | .00044        | .00080        | .00010        |
| %RSD   | 233.50         | 27.580        | 125.92        | 29.760        | 34.652        | 76.133        | 1.2318        | 9.5531        |

|    |                |               |                |               |               |               |               |               |
|----|----------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>-.00012</b> | <b>.00014</b> | <b>-.00003</b> | <b>.00017</b> | <b>.00025</b> | <b>.00105</b> | <b>.06431</b> | <b>.00116</b> |
| #2 | <b>-.00006</b> | <b>.00008</b> | <b>.00012</b>  | <b>.00027</b> | <b>.00023</b> | <b>.00020</b> | <b>.06568</b> | <b>.00110</b> |
| #3 | <b>.00006</b>  | <b>.00014</b> | <b>.00027</b>  | <b>.00016</b> | <b>.00041</b> | <b>.00046</b> | <b>.06571</b> | <b>.00096</b> |

|        |               |               |               |               |               |                |                |                |
|--------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404         | Mn2576         | Mg2790         |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S          | Cts/S          |
| Avg    | <b>.00022</b> | <b>.00017</b> | <b>.00001</b> | <b>.00037</b> | <b>.00045</b> | <b>-.00003</b> | <b>-.00001</b> | <b>-.00006</b> |
| Stddev | .00002        | .00013        | .00002        | .00008        | .00009        | .00000         | .00003         | .00007         |
| %RSD   | 7.1467        | 73.351        | 294.19        | 22.786        | 19.615        | 19.479         | 206.63         | 112.93         |

|    |               |               |                |               |               |                |                |                |
|----|---------------|---------------|----------------|---------------|---------------|----------------|----------------|----------------|
| #1 | <b>.00020</b> | <b>.00024</b> | <b>-.00001</b> | <b>.00044</b> | <b>.00054</b> | <b>-.00003</b> | <b>.00002</b>  | <b>-.00014</b> |
| #2 | <b>.00023</b> | <b>.00026</b> | <b>.00003</b>  | <b>.00028</b> | <b>.00037</b> | <b>-.00002</b> | <b>-.00002</b> | <b>-.00004</b> |
| #3 | <b>.00023</b> | <b>.00003</b> | <b>.00001</b>  | <b>.00040</b> | <b>.00045</b> | <b>-.00003</b> | <b>-.00004</b> | <b>-.00001</b> |

|        |                |                |               |                |               |                |               |               |
|--------|----------------|----------------|---------------|----------------|---------------|----------------|---------------|---------------|
| Elem   | Ni2316         | Ag3280         | Na5895        | V_2924         | Zn2138        | K_7664         | B_2496        | Mo2020        |
| Units  | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S         | Cts/S          | Cts/S         | Cts/S         |
| Avg    | <b>-.00030</b> | <b>-.00130</b> | <b>.00134</b> | <b>-.00017</b> | <b>.00148</b> | <b>-.00062</b> | <b>.00264</b> | <b>.00038</b> |
| Stddev | .00009         | .00004         | .00022        | .00013         | .00018        | .00010         | .00020        | .00016        |
| %RSD   | 28.728         | 3.0467         | 16.160        | 74.078         | 11.976        | 16.730         | 7.4233        | 42.247        |

|    |                |                |               |                |               |                |               |               |
|----|----------------|----------------|---------------|----------------|---------------|----------------|---------------|---------------|
| #1 | <b>-.00021</b> | <b>-.00128</b> | <b>.00145</b> | <b>-.00013</b> | <b>.00168</b> | <b>-.00071</b> | <b>.00242</b> | <b>.00025</b> |
| #2 | <b>-.00030</b> | <b>-.00134</b> | <b>.00148</b> | <b>-.00031</b> | <b>.00134</b> | <b>-.00063</b> | <b>.00277</b> | <b>.00055</b> |
| #3 | <b>-.00038</b> | <b>-.00127</b> | <b>.00109</b> | <b>-.00007</b> | <b>.00143</b> | <b>-.00051</b> | <b>.00274</b> | <b>.00033</b> |

|        |               |               |               |                |               |                |                |  |
|--------|---------------|---------------|---------------|----------------|---------------|----------------|----------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774         | S_1820        | Li6707         | Sr4077         |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S          | Cts/S          |  |
| Avg    | <b>.00016</b> | <b>.00337</b> | <b>.00009</b> | <b>-.00115</b> | <b>.00023</b> | <b>-.00002</b> | <b>-.00046</b> |  |
| Stddev | .00003        | .00034        | .00001        | .00003         | .00002        | .00051         | .00038         |  |
| %RSD   | 18.965        | 10.214        | 8.0410        | 2.3394         | 8.6798        | 2171.5         | 83.116         |  |

|    |               |               |               |                |               |                |                |  |
|----|---------------|---------------|---------------|----------------|---------------|----------------|----------------|--|
| #1 | <b>.00018</b> | <b>.00300</b> | <b>.00009</b> | <b>-.00114</b> | <b>.00022</b> | <b>.00048</b>  | <b>-.00066</b> |  |
| #2 | <b>.00013</b> | <b>.00344</b> | <b>.00008</b> | <b>-.00114</b> | <b>.00026</b> | <b>.00000</b>  | <b>-.00002</b> |  |
| #3 | <b>.00018</b> | <b>.00367</b> | <b>.00010</b> | <b>-.00118</b> | <b>.00023</b> | <b>-.00055</b> | <b>-.00070</b> |  |

Sample Name: S0      Acquired: 2/27/2023 12:17:46      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 6909.0 | 85344. | 13640. | 4907.7 | 7491.6 |
| Stddev    | 19.6   | 140.   | 45.    | 18.1   | 17.4   |
| %RSD      | .28426 | .16349 | .32802 | .36871 | .23291 |
| #1        | 6921.2 | 85214. | 13591. | 4887.9 | 7504.0 |
| #2        | 6919.5 | 85491. | 13649. | 4912.0 | 7499.1 |
| #3        | 6886.3 | 85327. | 13679. | 4923.3 | 7471.6 |

Sample Name: S1      Acquired: 2/27/2023 12:21:44      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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    | .00053 | .00243 | .00168 | .00089 | .00412 | .00497 | .13332 | .02951 |
| Stddev | .00004 | .00007 | .00011 | .00007 | .00004 | .00018 | .00277 | .00030 |
| %RSD   | 6.7897 | 2.9593 | 6.5011 | 7.8215 | .98561 | 3.6875 | 2.0750 | 1.0234 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00057 | .00235 | .00181 | .00096 | .00407 | .00477 | .13063 | .02928 |
| #2 | .00050 | .00244 | .00162 | .00087 | .00413 | .00504 | .13616 | .02939 |
| #3 | .00053 | .00249 | .00162 | .00083 | .00415 | .00511 | .13318 | .02985 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01310 | .05983 | .00133 | .02162 | .00607 | .00018 | .00712 | .01489 |
| Stddev | .00020 | .00042 | .00005 | .00013 | .00014 | .00001 | .00019 | .00035 |
| %RSD   | 1.5036 | .70556 | 3.6841 | .59621 | 2.2457 | 6.8758 | 2.6979 | 2.3666 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01328 | .06002 | .00128 | .02161 | .00597 | .00017 | .00690 | .01450 |
| #2 | .01312 | .05935 | .00132 | .02150 | .00622 | .00018 | .00721 | .01497 |
| #3 | .01289 | .06013 | .00138 | .02175 | .00600 | .00019 | .00725 | .01520 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02125 | .00035 | .02657 | .00172 | .05972 | .00436 | .02519 | .09044 |
| Stddev | .00008 | .00005 | .00024 | .00022 | .00071 | .00008 | .00010 | .00020 |
| %RSD   | .37265 | 14.386 | .90417 | 12.792 | 1.1921 | 1.9307 | .39898 | .22136 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02125 | .00040 | .02630 | .00148 | .05890 | .00427 | .02515 | .09042 |
| #2 | .02132 | .00030 | .02670 | .00192 | .06015 | .00436 | .02531 | .09025 |
| #3 | .02116 | .00035 | .02672 | .00177 | .06012 | .00444 | .02512 | .09065 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .00484 | .00847 | .00120 | -.00086 | .00062 | .00808 | .13157 |  |
| Stddev | .00006 | .00012 | .00002 | .00003  | .00005 | .00150 | .00062 |  |
| %RSD   | 1.2848 | 1.4163 | 1.8137 | 4.0595  | 8.5588 | 18.526 | .47273 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00485 | .00856 | .00118 | -.00089 | .00068 | .00931 | .13148 |  |
| #2 | .00478 | .00852 | .00122 | -.00082 | .00060 | .00853 | .13100 |  |
| #3 | .00490 | .00834 | .00121 | -.00086 | .00057 | .00642 | .13224 |  |

Sample Name: S1      Acquired: 2/27/2023 12:21:44      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 6999.0 | 85989. | 13864. | 4972.0 | 7513.7 |
| Stddev    | 4.4    | 770.   | 40.    | 40.2   | 13.1   |
| %RSD      | .06324 | .89530 | .28923 | .80950 | .17415 |
| #1        | 6997.3 | 86809. | 13887. | 5013.2 | 7498.6 |
| #2        | 7004.1 | 85282. | 13888. | 4932.8 | 7522.6 |
| #3        | 6995.8 | 85877. | 13818. | 4969.8 | 7519.7 |



Sample Name: S2      Acquired: 2/27/2023 12:25:43      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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>.02098</b> | <b>.05075</b> | <b>.10048</b> | <b>.02793</b> | <b>.05960</b> | <b>.07164</b> | <b>1.2081</b> | <b>.18927</b> |
| Stddev | .00003        | .00007        | .00040        | .00017        | .00009        | .00055        | .0046         | .00118        |
| %RSD   | .12553        | .13049        | .39564        | .60351        | .14956        | .76327        | .38077        | .62296        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.02096</b> | <b>.05067</b> | <b>.10014</b> | <b>.02785</b> | <b>.05965</b> | <b>.07106</b> | <b>1.2036</b> | <b>.18929</b> |
| #2 | <b>.02097</b> | <b>.05077</b> | <b>.10038</b> | <b>.02812</b> | <b>.05950</b> | <b>.07174</b> | <b>1.2081</b> | <b>.19044</b> |
| #3 | <b>.02101</b> | <b>.05080</b> | <b>.10091</b> | <b>.02781</b> | <b>.05965</b> | <b>.07214</b> | <b>1.2128</b> | <b>.18808</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.81238</b> | <b>.12535</b> | <b>.02202</b> | <b>.29559</b> | <b>.05316</b> | <b>.00140</b> | <b>.14337</b> | <b>.02868</b> |
| Stddev | .00115        | .00044        | .00008        | .00033        | .00011        | .00002        | .00021        | .00032        |
| %RSD   | .14098        | .34929        | .35951        | .11024        | .20981        | 1.6109        | .14864        | 1.1152        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.81203</b> | <b>.12500</b> | <b>.02197</b> | <b>.29556</b> | <b>.05318</b> | <b>.00137</b> | <b>.14319</b> | <b>.02832</b> |
| #2 | <b>.81146</b> | <b>.12522</b> | <b>.02211</b> | <b>.29528</b> | <b>.05326</b> | <b>.00140</b> | <b>.14361</b> | <b>.02889</b> |
| #3 | <b>.81366</b> | <b>.12584</b> | <b>.02199</b> | <b>.29593</b> | <b>.05304</b> | <b>.00141</b> | <b>.14332</b> | <b>.02885</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.22320</b> | <b>.03152</b> | <b>.05286</b> | <b>.02058</b> | <b>.58019</b> | <b>.00935</b> | <b>.18560</b> | <b>.35537</b> |
| Stddev | .00041        | .00012        | .00050        | .00002        | .00136        | .00019        | .00108        | .00009        |
| %RSD   | .18239        | .39637        | .95510        | .08829        | .23511        | 2.0023        | .58038        | .02438        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.22295</b> | <b>.03141</b> | <b>.05240</b> | <b>.02057</b> | <b>.57883</b> | <b>.00919</b> | <b>.18547</b> | <b>.35532</b> |
| #2 | <b>.22299</b> | <b>.03165</b> | <b>.05277</b> | <b>.02060</b> | <b>.58017</b> | <b>.00930</b> | <b>.18673</b> | <b>.35533</b> |
| #3 | <b>.22367</b> | <b>.03149</b> | <b>.05340</b> | <b>.02057</b> | <b>.58156</b> | <b>.00955</b> | <b>.18459</b> | <b>.35547</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.09803</b> | <b>.11076</b> | <b>.00232</b> | <b>.01142</b> | <b>.01471</b> | <b>.28197</b> | <b>5.4754</b> |  |
| Stddev | .00013        | .00046        | .00004        | .00008        | .00008        | .00138        | .0134         |  |
| %RSD   | .12791        | .41353        | 1.6406        | .70045        | .53636        | .48895        | .24391        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.09789</b> | <b>.11023</b> | <b>.00228</b> | <b>.01133</b> | <b>.01468</b> | <b>.28039</b> | <b>5.4600</b> |  |
| #2 | <b>.09812</b> | <b>.11107</b> | <b>.00232</b> | <b>.01145</b> | <b>.01466</b> | <b>.28294</b> | <b>5.4827</b> |  |
| #3 | <b>.09809</b> | <b>.11098</b> | <b>.00235</b> | <b>.01148</b> | <b>.01480</b> | <b>.28259</b> | <b>5.4836</b> |  |

Sample Name: S2      Acquired: 2/27/2023 12:25:43      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 7080.6 | 85798. | 13951. | 5006.6 | 7546.9 |
| Stddev    | 5.4    | 133.   | 106.   | 15.1   | 11.6   |
| %RSD      | .07654 | .15528 | .75748 | .30190 | .15329 |
| #1        | 7077.9 | 85771. | 13874. | 4996.0 | 7550.2 |
| #2        | 7086.8 | 85943. | 13908. | 5023.9 | 7556.4 |
| #3        | 7077.0 | 85680. | 14071. | 4999.9 | 7534.0 |

Sample Name: S3      Acquired: 2/27/2023 12:29:29      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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>.06500</b> | <b>.15831</b> | <b>.31329</b> | <b>.08598</b> | <b>.18372</b> | <b>.21871</b> | <b>3.7049</b> | <b>.58446</b> |
| Stddev | .00001        | .00040        | .00073        | .00023        | .00025        | .00142        | .0110         | .00441        |
| %RSD   | .02094        | .25013        | .23316        | .27252        | .13625        | .64871        | .29787        | .75538        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06498 | .15786 | .31250 | .08571 | .18343 | .21750 | 3.6926 | .58159 |
| #2 | .06500 | .15845 | .31342 | .08612 | .18388 | .21837 | 3.7139 | .58225 |
| #3 | .06501 | .15861 | .31394 | .08612 | .18385 | .22027 | 3.7082 | .58954 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.5300</b> | <b>.38506</b> | <b>.06815</b> | <b>.92583</b> | <b>.16197</b> | <b>.00438</b> | <b>.44674</b> | <b>.08942</b> |
| Stddev | .0062         | .00137        | .00017        | .00264        | .00044        | .00004        | .00224        | .00086        |
| %RSD   | .24591        | .35672        | .25232        | .28560        | .27398        | .81732        | .50247        | .95883        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5264 | .38349 | .06799 | .92389 | .16148 | .00436 | .44506 | .08863 |
| #2 | 2.5264 | .38564 | .06812 | .92476 | .16209 | .00442 | .44586 | .08931 |
| #3 | 2.5372 | .38605 | .06833 | .92884 | .16235 | .00437 | .44929 | .09033 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.69506</b> | <b>.09889</b> | <b>.16083</b> | <b>.06471</b> | <b>1.7755</b> | <b>.03012</b> | <b>.57348</b> | <b>1.0953</b> |
| Stddev | .00194        | .00024        | .00059        | .00023        | .0053         | .00030        | .00417        | .0029         |
| %RSD   | .27841        | .24762        | .36495        | .35383        | .29846        | 1.0004        | .72708        | .26434        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .69325 | .09879 | .16064 | .06446 | 1.7717 | .02992 | .57237 | 1.0930 |
| #2 | .69484 | .09871 | .16149 | .06475 | 1.7734 | .03047 | .56997 | 1.0944 |
| #3 | .69710 | .09917 | .16036 | .06491 | 1.7816 | .02998 | .57809 | 1.0986 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.30748</b> | <b>.33750</b> | <b>.00689</b> | <b>.03890</b> | <b>.04622</b> | <b>.86866</b> | <b>17.123</b> |  |
| Stddev | .00022        | .00071        | .00005        | .00008        | .00013        | .00352        | .077          |  |
| %RSD   | .07241        | .21063        | .69356        | .20402        | .28947        | .40493        | .44737        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .30727 | .33668 | .00686 | .03883 | .04606 | .86503 | 17.062 |  |
| #2 | .30746 | .33794 | .00687 | .03898 | .04627 | .87205 | 17.098 |  |
| #3 | .30771 | .33788 | .00695 | .03889 | .04632 | .86892 | 17.209 |  |

Sample Name: S3      Acquired: 2/27/2023 12:29:29      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 7089.0 | 85214. | 13879. | 4986.1 | 7400.2 |
| Stddev    | 20.3   | 78.    | 50.    | 6.2    | 22.1   |
| %RSD      | .28597 | .09146 | .36043 | .12412 | .29874 |
| #1        | 7068.3 | 85298. | 13915. | 4993.2 | 7381.2 |
| #2        | 7108.9 | 85144. | 13901. | 4983.1 | 7424.5 |
| #3        | 7089.9 | 85199. | 13822. | 4982.0 | 7394.8 |

Sample Name: S4      Acquired: 2/27/2023 12:33:11      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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>.12810</b> | <b>.31016</b> | <b>.61126</b> | <b>.16880</b> | <b>.35452</b> | <b>.41547</b> | <b>7.0433</b> | <b>1.0987</b> |
| Stddev | .00046        | .00064        | .00093        | .00067        | .00151        | .00122        | .0050         | .0047         |
| %RSD   | .35839        | .20612        | .15219        | .39407        | .42513        | .29343        | .07075        | .42449        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12761 | .30943 | .61026 | .16809 | .35287 | .41409 | 7.0410 | 1.1036 |
| #2 | .12820 | .31052 | .61143 | .16891 | .35485 | .41589 | 7.0399 | 1.0981 |
| #3 | .12851 | .31055 | .61209 | .16941 | .35583 | .41642 | 7.0490 | 1.0943 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>4.9550</b> | <b>.72942</b> | <b>.12995</b> | <b>1.7743</b> | <b>.30692</b> | <b>.00851</b> | <b>.85135</b> | <b>.16968</b> |
| Stddev | .0098         | .00083        | .00043        | .0039         | .00172        | .00005        | .00291        | .00029        |
| %RSD   | .19771        | .11330        | .33406        | .22097        | .55909        | .55027        | .34231        | .16926        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9456 | .73000 | .12992 | 1.7701 | .30508 | .00849 | .84859 | .16946 |
| #2 | 4.9542 | .72847 | .12953 | 1.7750 | .30720 | .00848 | .85106 | .16958 |
| #3 | 4.9652 | .72979 | .13039 | 1.7778 | .30848 | .00856 | .85440 | .17001 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.3324</b> | <b>.19044</b> | <b>.31123</b> | <b>.12378</b> | <b>3.3700</b> | <b>.05904</b> | <b>1.0909</b> | <b>2.0831</b> |
| Stddev | .0034         | .00052        | .00256        | .00050        | .0130         | .00057        | .0063         | .0068         |
| %RSD   | .25106        | .27469        | .82098        | .40325        | .38482        | .96968        | .57994        | .32489        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3292 | .19054 | .30935 | .12403 | 3.3618 | .05890 | 1.0971 | 2.0763 |
| #2 | 1.3321 | .18987 | .31020 | .12320 | 3.3632 | .05856 | 1.0910 | 2.0833 |
| #3 | 1.3359 | .19090 | .31414 | .12411 | 3.3849 | .05967 | 1.0845 | 2.0899 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.59000</b> | <b>.64124</b> | <b>.01342</b> | <b>.07742</b> | <b>.09087</b> | <b>1.6701</b> | <b>32.633</b> |  |
| Stddev | .00115        | .00097        | .00013        | .00020        | .00034        | .0025         | .072          |  |
| %RSD   | .19539        | .15162        | .97304        | .25838        | .37533        | .15133        | .21961        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .58913 | .64191 | .01333 | .07720 | .09058 | 1.6695 | 32.575 |  |
| #2 | .58955 | .64013 | .01336 | .07745 | .09079 | 1.6678 | 32.713 |  |
| #3 | .59131 | .64169 | .01357 | .07760 | .09125 | 1.6728 | 32.610 |  |

Sample Name: S4      Acquired: 2/27/2023 12:33:11      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 6970.3 | 83694. | 13916. | 4939.2 | 7174.1 |
| Stddev    | 17.6   | 211.   | 81.    | 9.9    | 11.1   |
| %RSD      | .25255 | .25195 | .58307 | .20008 | .15457 |
| #1        | 6990.7 | 83689. | 13842. | 4947.3 | 7186.9 |
| #2        | 6960.1 | 83907. | 13904. | 4942.1 | 7167.9 |
| #3        | 6960.3 | 83485. | 14003. | 4928.2 | 7167.5 |

Sample Name: S5      Acquired: 2/27/2023 12:37:00      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      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>.25539</b> | <b>.61172</b> | <b>1.2220</b> | <b>.33322</b> | <b>.69909</b> | <b>.81332</b> | <b>13.589</b> | <b>2.0701</b> |
| Stddev | .00045        | .00097        | .0022         | .00086        | .00086        | .00307        | .062          | .0193         |
| %RSD   | .17724        | .15872        | .18046        | .25727        | .12245        | .37795        | .45908        | .93453        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25502 | .61234 | 1.2210 | .33331 | .69844 | .81040 | 13.575 | 2.0910 |
| #2 | .25526 | .61060 | 1.2204 | .33232 | .69877 | .81302 | 13.534 | 2.0528 |
| #3 | .25589 | .61223 | 1.2245 | .33403 | .70006 | .81653 | 13.657 | 2.0666 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>9.9282</b> | <b>1.4178</b> | <b>.25210</b> | <b>3.5518</b> | <b>.59400</b> | <b>.01687</b> | <b>1.6709</b> | <b>.33164</b> |
| Stddev | .0168         | .0032         | .00057        | .0067         | .00047        | .00013        | .0036         | .00057        |
| %RSD   | .16936        | .22219        | .22650        | .18982        | .07864        | .76709        | .21592        | .17045        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.9189 | 1.4194 | .25187 | 3.5472 | .59394 | .01676 | 1.6710 | .33101 |
| #2 | 9.9181 | 1.4142 | .25275 | 3.5486 | .59357 | .01701 | 1.6672 | .33211 |
| #3 | 9.9476 | 1.4199 | .25168 | 3.5595 | .59450 | .01684 | 1.6744 | .33180 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.6494</b> | <b>.37251</b> | <b>.62702</b> | <b>.24310</b> | <b>6.4491</b> | <b>.11882</b> | <b>2.0798</b> | <b>4.0810</b> |
| Stddev | .0046         | .00066        | .00678        | .00103        | .0144         | .00108        | .0209         | .0062         |
| %RSD   | .17209        | .17799        | 1.0816        | .42450        | .22395        | .91040        | 1.0041        | .15159        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6470 | .37183 | .61969 | .24385 | 6.4481 | .11769 | 2.1007 | 4.0772 |
| #2 | 2.6465 | .37315 | .63306 | .24192 | 6.4640 | .11985 | 2.0589 | 4.0777 |
| #3 | 2.6546 | .37255 | .62833 | .24352 | 6.4352 | .11893 | 2.0798 | 4.0882 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>1.1820</b> | <b>1.2518</b> | <b>.02663</b> | <b>.16125</b> | <b>.18825</b> | <b>3.3236</b> | <b>63.992</b> |  |
| Stddev | .0029         | .0017         | .00038        | .00020        | .00036        | .0049         | .580          |  |
| %RSD   | .24085        | .13336        | 1.4384        | .12517        | .19029        | .14695        | .90687        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.1796 | 1.2525 | .02619 | .16108 | .18821 | 3.3187 | 64.656 |  |
| #2 | 1.1813 | 1.2499 | .02683 | .16120 | .18791 | 3.3236 | 63.581 |  |
| #3 | 1.1852 | 1.2530 | .02687 | .16147 | .18862 | 3.3285 | 63.740 |  |

Sample Name: S5      Acquired: 2/27/2023 12:37:00      Type: Cal  
Method: NON EPA-6010-200.7(v1741)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 6892.7 | 82962. | 14097. | 4876.9 | 6874.7 |
| Stddev    | 26.9   | 222.   | 123.   | 13.1   | 24.2   |
| %RSD      | .39082 | .26757 | .87020 | .26780 | .35247 |
| #1        | 6862.0 | 83144. | 13966. | 4887.5 | 6847.2 |
| #2        | 6912.2 | 82715. | 14209. | 4862.3 | 6892.8 |
| #3        | 6903.9 | 83027. | 14115. | 4880.9 | 6884.2 |



Sample Name: ICV01      Acquired: 2/27/2023 12:40:53      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>1.051209</b> | <b>1.044998</b> | <b>1.020671</b> | <b>1.048333</b> | <b>1.027726</b> | <b>2.631222</b> |
| Stddev | .005517         | .004233         | .002993         | .002786         | .003650         | .012643         |
| %RSD   | .5248105        | .4051048        | .2932652        | .2657206        | .3551168        | .4804896        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.057543 | 1.048295 | 1.022180 | 1.050176 | 1.028036 | 2.618785 |
| #2 | 1.048628 | 1.046474 | 1.017223 | 1.045129 | 1.023931 | 2.630822 |
| #3 | 1.047455 | 1.040224 | 1.022609 | 1.049695 | 1.031210 | 2.644061 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5110967</b> | <b>.5294979</b> | <b>.5085355</b> | <b>10.16654</b> | <b>.5435068</b> | <b>.5163954</b> |
| Stddev | .0028187        | .0005088        | .0003348        | .04224          | .0016607        | .0004867        |
| %RSD   | .5515005        | .0960949        | .0658302        | .4154628        | .3055576        | .0942455        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5082473 | .5295583 | .5082046 | 10.12317 | .5443121 | .5167456 |
| #2 | .5138837 | .5299738 | .5085279 | 10.20755 | .5415969 | .5158397 |
| #3 | .5111590 | .5289616 | .5088740 | 10.16891 | .5446113 | .5166008 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5426001</b> | <b>10.52347</b> | <b>.5375353</b> | <b>6.123978</b> | <b>.5211053</b> | <b>.2598125</b> |
| Stddev | .0021353        | .03915          | .0045864        | .037224         | .0009042        | .0005528        |
| %RSD   | .3935336        | .3720293        | .8532238        | .6078358        | .1735097        | .2127517        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5414471 | 10.47882 | .5323311 | 6.085099 | .5219034 | .2602370 |
| #2 | .5412892 | 10.53966 | .5392878 | 6.127545 | .5212891 | .2591874 |
| #3 | .5450641 | 10.55192 | .5409871 | 6.159289 | .5201233 | .2600130 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.31464</b> | <b>.5130582</b> | <b>1.062880</b> | <b>10.24963</b> | <b>2.608750</b> | <b>2.632467</b> |
| Stddev | .02333          | .0038567        | .001716         | .03760          | .004394         | .003308         |
| %RSD   | .2261448        | .7517184        | .1614599        | .3668727        | .1684477        | .1256740        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.31525 | .5096779 | 1.063808 | 10.28851 | 2.606813 | 2.632010 |
| #2 | 10.29102 | .5122373 | 1.063932 | 10.21345 | 2.613780 | 2.629411 |
| #3 | 10.33766 | .5172593 | 1.060900 | 10.24694 | 2.605658 | 2.635980 |

Sample Name: ICV01      Acquired: 2/27/2023 12:40:53      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | 2.547591 | 2.626647 | 2.496849 | F -.004702 | F .0094031 | F .0097900 |
| Stddev | .006315  | .005270  | .007845  | .001648    | .0038524   | .0033895   |
| %RSD   | .2478787 | .2006403 | .3141889 | 35.04586   | 40.96953   | 34.62168   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.550472 | 2.620674 | 2.488420 | -.004015 | .0060922 | .0136884 |
| #2 | 2.540349 | 2.628621 | 2.498188 | -.006582 | .0136314 | .0081416 |
| #3 | 2.551951 | 2.630644 | 2.503938 | -.003509 | .0084857 | .0075400 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0032695 |
| Stddev | .0004554   |
| %RSD   | 13.92837   |

|    |          |
|----|----------|
| #1 | .0037907 |
| #2 | .0030691 |
| #3 | .0029486 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7150.404 | 84422.74 | 14369.14 | 5039.690 | 7607.914 |
| Stddev    | 13.120   | 319.52   | 28.23    | 6.924    | 13.197   |
| %RSD      | .1834883 | .3784706 | .1964808 | .1373899 | .1734616 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7164.465 | 84067.88 | 14346.98 | 5034.823 | 7619.059 |
| #2 | 7138.489 | 84687.62 | 14359.50 | 5036.630 | 7593.342 |
| #3 | 7148.258 | 84512.72 | 14400.93 | 5047.617 | 7611.342 |

Sample Name: ICB01      Acquired: 2/27/2023 12:45:35      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>-.001356</b> | <b>.0001635</b> | <b>-.000987</b> | <b>-.002523</b> | <b>.0007758</b> | <b>-.008853</b> | <b>.0082591</b> |
| Stddev | .003318         | .0009801        | .001124         | .003144         | .0001922        | .007239         | .0019276        |
| %RSD   | 244.7112        | 599.3845        | 113.9782        | 124.6103        | 24.77356        | 81.77744        | 23.33946        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004582</b> | <b>-.000748</b> | <b>-.001585</b> | <b>.001093</b>  | <b>.0008120</b> | <b>-.005785</b> | <b>.0094345</b> |
| #2 | <b>-.001532</b> | <b>.001200</b>  | <b>-.001685</b> | <b>-.004606</b> | <b>.0009473</b> | <b>-.017121</b> | <b>.0093084</b> |
| #3 | <b>.002046</b>  | <b>.000039</b>  | <b>.000311</b>  | <b>-.004056</b> | <b>.0005680</b> | <b>-.003652</b> | <b>.0060345</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000014</b> | <b>.0000038</b> | <b>.0068330</b> | <b>.0005174</b> | <b>-.000113</b> | <b>.0001183</b> | <b>.0037966</b> |
| Stddev | .000050         | .0000328        | .0133837        | .0004101        | .000281         | .0005268        | .0052589        |
| %RSD   | 372.6038        | 870.3649        | 195.8686        | 79.25187        | 249.0183        | 445.1137        | 138.5155        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000045</b>  | <b>.0000106</b> | <b>.0204647</b> | <b>.0006657</b> | <b>-.000304</b> | <b>.0005531</b> | <b>.0031416</b> |
| #2 | <b>-.000042</b> | <b>.0000326</b> | <b>.0063223</b> | <b>.0000538</b> | <b>.000210</b>  | <b>-.000467</b> | <b>.0093524</b> |
| #3 | <b>-.000043</b> | <b>-.000032</b> | <b>-.006288</b> | <b>.0008327</b> | <b>-.000246</b> | <b>.000269</b>  | <b>-.001104</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000403</b> | <b>.0119724</b> | <b>.0005981</b> | <b>.0001830</b> | <b>-.039057</b> | <b>.0015103</b> | <b>.0000828</b> |
| Stddev | .0003280        | .0031919        | .0002776        | .0000058        | .002588         | .0024665        | .0000960        |
| %RSD   | 813.2236        | 26.66026        | 46.42197        | 3.194106        | 6.625039        | 163.3108        | 115.9019        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000000</b> | <b>.0148433</b> | <b>.0007657</b> | <b>.0001868</b> | <b>-.040007</b> | <b>.0004484</b> | <b>.0000496</b> |
| #2 | <b>-.000265</b> | <b>.0125387</b> | <b>.0002776</b> | <b>.0001762</b> | <b>-.036129</b> | <b>-.000247</b> | <b>.0000079</b> |
| #3 | <b>.000387</b>  | <b>.0085353</b> | <b>.0007510</b> | <b>.0001858</b> | <b>-.041036</b> | <b>.004330</b>  | <b>.0001910</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.042227</b> | <b>.0107219</b> | <b>.0020866</b> | <b>-.000175</b> | <b>.0033992</b> | <b>.0028284</b> | <b>-.002312</b> |
| Stddev | .031592         | .0007007        | .0004785        | .000388         | .0021074        | .0091567        | .001386         |
| %RSD   | 74.81431        | 6.535291        | 22.92926        | 221.8536        | 61.99584        | 323.7456        | 59.95638        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.031811</b> | <b>.0107783</b> | <b>.0025653</b> | <b>-.000620</b> | <b>.0058296</b> | <b>.0043697</b> | <b>-.003803</b> |
| #2 | <b>-.017158</b> | <b>.0113928</b> | <b>.0020863</b> | <b>.000092</b>  | <b>.0022892</b> | <b>-.007001</b> | <b>-.001062</b> |
| #3 | <b>-.077711</b> | <b>.0099948</b> | <b>.0016084</b> | <b>.000003</b>  | <b>.0020789</b> | <b>.011117</b>  | <b>-.002071</b> |

Sample Name: ICB01      Acquired: 2/27/2023 12:45:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004631</b> | <b>.0055953</b> | <b>.0001663</b> |
| Stddev | .000981         | .0003107        | .0000129        |
| %RSD   | 21.18511        | 5.553339        | 7.754134        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004324</b> | <b>.0054870</b> | <b>.0001800</b> |
| #2 | <b>-.003839</b> | <b>.0053532</b> | <b>.0001643</b> |
| #3 | <b>-.005728</b> | <b>.0059457</b> | <b>.0001545</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7131.353</b> | <b>84890.02</b> | <b>14174.70</b> | <b>5052.744</b> | <b>7758.455</b> |
| Stddev    | 14.312          | 423.79          | 44.12           | 24.375          | 7.873           |
| %RSD      | .2006845        | .4992240        | .3112435        | .4824062        | .1014736        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7118.637</b> | <b>84913.10</b> | <b>14208.05</b> | <b>5044.201</b> | <b>7749.403</b> |
| #2 | <b>7146.851</b> | <b>84455.16</b> | <b>14191.38</b> | <b>5033.791</b> | <b>7763.707</b> |
| #3 | <b>7128.569</b> | <b>85301.79</b> | <b>14124.68</b> | <b>5080.240</b> | <b>7762.256</b> |

Sample Name: CRI01      Acquired: 2/27/2023 12:49:36      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0216899</b> | <b>.0411939</b> | <b>.0123525</b> | <b>.0192331</b> | <b>.0542233</b> | <b>.1060540</b> |
| Stddev | .0038298        | .0015653        | .0011437        | .0016008        | .0016662        | .0106834        |
| %RSD   | 17.65729        | 3.799831        | 9.258624        | 8.323058        | 3.072830        | 10.07358        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0194852 | .0400877 | .0113339 | .0204253 | .0560329 | .1172086 |
| #2 | .0194722 | .0405092 | .0121340 | .0174137 | .0538843 | .0959141 |
| #3 | .0261122 | .0429849 | .0135897 | .0198602 | .0527526 | .1050392 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1093186</b> | <b>.0065734</b> | <b>.0063986</b> | <b>2.117450</b> | <b>.0108605</b> | <b>.0303707</b> |
| Stddev | .0069074        | .0003172        | .0000487        | .114232         | .0002436        | .0004074        |
| %RSD   | 6.318628        | 4.826202        | .7615873        | 5.394785        | 2.243384        | 1.341287        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1171833 | .0069390 | .0064458 | 2.248815 | .0111305 | .0304836 |
| #2 | .1065361 | .0064105 | .0064017 | 2.041457 | .0107939 | .0299188 |
| #3 | .1042364 | .0063707 | .0063485 | 2.062077 | .0106570 | .0307097 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0228613</b> | <b>.1118156</b> | <b>.0230154</b> | <b>2.228913</b> | <b>.0408048</b> | <b>.0100250</b> |
| Stddev | .0005605        | .0084359        | .0013827        | .089691         | .0002065        | .0003481        |
| %RSD   | 2.451907        | 7.544495        | 6.007841        | 4.023991        | .5059332        | 3.471955        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0234999 | .1152208 | .0246120 | 2.332479 | .0410191 | .0097809 |
| #2 | .0224507 | .1180167 | .0222219 | 2.177336 | .0407881 | .0104236 |
| #3 | .0226333 | .1022093 | .0222123 | 2.176923 | .0406072 | .0098706 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.114531</b> | <b>.0422424</b> | <b>.0455700</b> | <b>2.073989</b> | <b>.1123206</b> | <b>.2167609</b> |
| Stddev | .011688         | .0028449        | .0003218        | .045966         | .0052544        | .0002624        |
| %RSD   | .5527629        | 6.734712        | .7061261        | 2.216313        | 4.678043        | .1210599        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.124476 | .0452715 | .0453192 | 2.071526 | .1183853 | .2170135 |
| #2 | 2.117462 | .0396270 | .0454579 | 2.029304 | .1094401 | .2167795 |
| #3 | 2.101657 | .0418287 | .0459328 | 2.121137 | .1091363 | .2164897 |

Sample Name: CRI01      Acquired: 2/27/2023 12:49:36      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0394551 | .0441648 | .4963572 | .0176979 | F .1861978 | F .0316594 |
| Stddev | .0006324 | .0018611 | .0024582 | .0023896 | .0024437   | .0004883   |
| %RSD   | 1.602883 | 4.214056 | .4952483 | 13.50192 | 1.312431   | 1.542361   |
| #1     | .0387255 | .0456502 | .4935619 | .0204543 | .1838273   | .0311049   |
| #2     | .0397945 | .0447670 | .4981823 | .0164281 | .1860575   | .0320253   |
| #3     | .0398455 | .0420771 | .4973273 | .0162113 | .1887087   | .0318480   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0227200 |
| Stddev | .0011876 |
| %RSD   | 5.227107 |
| #1     | .0240859 |
| #2     | .0221424 |
| #3     | .0219317 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7177.138 | 83933.14 | 14198.90 | 5019.497 | 7772.673 |
| Stddev    | 15.336   | 102.96   | 619.83   | 10.219   | 13.754   |
| %RSD      | .2136728 | .1226689 | 4.365323 | .2035789 | .1769567 |
| #1        | 7159.608 | 84042.83 | 13483.23 | 5031.291 | 7757.028 |
| #2        | 7188.075 | 83838.58 | 14549.30 | 5013.295 | 7778.130 |
| #3        | 7183.730 | 83918.02 | 14564.16 | 5013.904 | 7782.862 |

Sample Name: ICSA01      Acquired: 2/27/2023 12:53:34      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002126</b> | <b>-.002500</b> | <b>-.005948</b> | <b>.0104065</b> | <b>-.000061</b> | <b>268.9964</b> |
| Stddev | .001389         | .000822         | .001273         | .0047189        | .001274         | 1.0039          |
| %RSD   | 65.35785        | 32.88597        | 21.40509        | 45.34510        | 2088.368        | .3731956        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000598</b> | <b>-.003447</b> | <b>-.007179</b> | <b>.0136087</b> | <b>.000806</b>  | <b>268.1520</b> |
| #2 | <b>-.003314</b> | <b>-.002075</b> | <b>-.004636</b> | <b>.0049874</b> | <b>-.001524</b> | <b>268.7307</b> |
| #3 | <b>-.002464</b> | <b>-.001977</b> | <b>-.006030</b> | <b>.0126235</b> | <b>.000536</b>  | <b>270.1064</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0100049</b> | <b>.0006117</b> | <b>-.002219</b> | <b>256.9983</b> | <b>.0605274</b> | <b>.0008033</b> |
| Stddev | .0036548        | .0001654        | .000133         | .8949           | .0003497        | .0001279        |
| %RSD   | 36.53021        | 27.03400        | 5.979632        | .3482054        | .5777701        | 15.92523        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0060190</b> | <b>.0004357</b> | <b>-.002267</b> | <b>256.2635</b> | <b>.0607897</b> | <b>.0007172</b> |
| #2 | <b>.0107970</b> | <b>.0007639</b> | <b>-.002322</b> | <b>256.7366</b> | <b>.0601304</b> | <b>.0007425</b> |
| #3 | <b>.0131988</b> | <b>.0006355</b> | <b>-.002069</b> | <b>257.9949</b> | <b>.0606621</b> | <b>.0009503</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0021725</b> | <b>109.2032</b> | <b>.0132016</b> | <b>269.4046</b> | <b>.0016164</b> | <b>-.004195</b> |
| Stddev | .0009157        | .0844           | .0001511        | 1.7241          | .0007558        | .000775         |
| %RSD   | 42.14911        | .0772927        | 1.144198        | .6399594        | 46.75760        | 18.47196        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0031220</b> | <b>109.2914</b> | <b>.0130380</b> | <b>267.5402</b> | <b>.0024079</b> | <b>-.003757</b> |
| #2 | <b>.0012949</b> | <b>109.1232</b> | <b>.0132309</b> | <b>269.7321</b> | <b>.0009024</b> | <b>-.005090</b> |
| #3 | <b>.0021006</b> | <b>109.1952</b> | <b>.0133358</b> | <b>270.9414</b> | <b>.0015387</b> | <b>-.003739</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.013502</b> | <b>.0052844</b> | <b>.0021652</b> | <b>-.054776</b> | <b>.0859572</b> | <b>.0007675</b> |
| Stddev | .003435         | .0032827        | .0004406        | .046091         | .0005347        | .0002671        |
| %RSD   | 25.44418        | 62.12186        | 20.34885        | 84.14391        | .6220786        | 34.80404        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.013216</b> | <b>.0079917</b> | <b>.0022559</b> | <b>-.061279</b> | <b>.0865581</b> | <b>.0007157</b> |
| #2 | <b>-.010218</b> | <b>.0016331</b> | <b>.0016863</b> | <b>-.005779</b> | <b>.0857796</b> | <b>.0010568</b> |
| #3 | <b>-.017071</b> | <b>.0062283</b> | <b>.0025533</b> | <b>-.097270</b> | <b>.0855339</b> | <b>.0005301</b> |

Sample Name: ICSA01      Acquired: 2/27/2023 12:53:34      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm               |
| Avg    | <b>-.001100</b> | <b>.0024236</b> | <b>-.111491</b> | <b>-.006271</b> | <b>F .0299304</b> | <b>F .0298865</b> |
| Stddev | .000538         | .0014364        | .003480         | .004163         | .0032826          | .0011462          |
| %RSD   | 48.95408        | 59.26535        | 3.121376        | 66.38555        | 10.96737          | 3.835286          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000483</b> | <b>.0008338</b> | <b>-.108760</b> | <b>-.008242</b> | <b>.0261923</b> | <b>.0289262</b> |
| #2 | <b>-.001344</b> | <b>.0036278</b> | <b>-.115409</b> | <b>-.001488</b> | <b>.0312561</b> | <b>.0295780</b> |
| #3 | <b>-.001473</b> | <b>.0028094</b> | <b>-.110303</b> | <b>-.009081</b> | <b>.0323429</b> | <b>.0311555</b> |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .1108425</b> |
| Stddev | .0004698          |
| %RSD   | .4238832          |

|    |                 |
|----|-----------------|
| #1 | <b>.1103058</b> |
| #2 | <b>.1110421</b> |
| #3 | <b>.1111796</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6641.581</b> | <b>78089.52</b> | <b>14111.08</b> | <b>4735.171</b> | <b>6415.158</b> |
| Stddev    | 23.742          | 112.02          | 82.69           | 18.004          | 28.524          |
| %RSD      | .3574757        | .1434464        | .5859608        | .3802212        | .4446287        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>6642.786</b> | <b>78129.82</b> | <b>14201.71</b> | <b>4718.138</b> | <b>6418.797</b> |
| #2 | <b>6664.697</b> | <b>78175.80</b> | <b>14091.78</b> | <b>4754.010</b> | <b>6441.687</b> |
| #3 | <b>6617.259</b> | <b>77962.93</b> | <b>14039.76</b> | <b>4733.366</b> | <b>6384.989</b> |



Sample Name: ICSAB01      Acquired: 2/27/2023 13:02:34      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | <b>.0968947</b> | <b>.0915038</b> | <b>.0423040</b> | <b>.0502993</b> | <b>.5804998</b> | <b>235.2655</b> |
| Stddev | .0037388        | .0031099        | .0007593        | .0017697        | .0035714        | .8163           |
| %RSD   | 3.858633        | 3.398649        | 1.794843        | 3.518299        | .6152334        | .3469622        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0983189 | .0905331 | .0418489 | .0523376 | .5796535 | 234.3859 |
| #2 | .0997121 | .0949832 | .0431805 | .0494065 | .5844183 | 235.4119 |
| #3 | .0926531 | .0889950 | .0418825 | .0491540 | .5774275 | 235.9987 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4548923</b> | <b>.4649711</b> | <b>.9433552</b> | <b>224.5292</b> | <b>.5307806</b> | <b>.4756972</b> |
| Stddev | .0017290        | .0031079        | .0011756        | .7448           | .0030344        | .0010567        |
| %RSD   | .3800910        | .6684113        | .1246237        | .3317095        | .5716932        | .2221414        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4558246 | .4613824 | .9420223 | 223.7160 | .5274694 | .4747830 |
| #2 | .4559550 | .4667515 | .9437984 | 224.6932 | .5314437 | .4754545 |
| #3 | .4528972 | .4667794 | .9442448 | 225.1783 | .5334286 | .4768542 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4723929</b> | <b>96.10217</b> | <b>.4865016</b> | <b>235.2991</b> | <b>.9478116</b> | <b>.1943805</b> |
| Stddev | .0012227        | .54348          | .0022525        | 1.0215          | .0011644        | .0010820        |
| %RSD   | .2588243        | .5655206        | .4630030        | .4341141        | .1228484        | .5566507        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4736629 | 95.58903 | .4841026 | 234.1616 | .9465682 | .1931394 |
| #2 | .4712238 | 96.04587 | .4885714 | 235.5979 | .9488764 | .1951261 |
| #3 | .4722921 | 96.67160 | .4868308 | 236.1379 | .9479902 | .1948758 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.024553</b> | <b>.4633857</b> | <b>.9802990</b> | <b>-.062925</b> | <b>.9220200</b> | <b>.9110732</b> |
| Stddev | .007358         | .0025330        | .0080068        | .131399         | .0061982        | .0016359        |
| %RSD   | 29.96850        | .5466374        | .8167758        | 208.8178        | .6722374        | .1795580        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.029901 | .4607253 | .9710706 | -.214475 | .9153232 | .9095756 |
| #2 | -.027598 | .4657686 | .9854005 | .019192  | .9275552 | .9108250 |
| #3 | -.016161 | .4636633 | .9844258 | .006508  | .9231816 | .9128190 |

Sample Name: ICSAB01      Acquired: 2/27/2023 13:02:34      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774            | S_1820            | Li6707            |
|--------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|
| Units  | ppm             | ppm             | ppm               | ppm               | ppm               | ppm               |
| Avg    | <b>.9288573</b> | <b>.8883349</b> | <b>F .8237031</b> | <b>F -.009097</b> | <b>F .0310406</b> | <b>F .0288327</b> |
| Stddev | .0026822        | .0033937        | .0225154          | .000932           | .0054483          | .0015989          |
| %RSD   | .2887607        | .3820271        | 2.733430          | 10.24807          | 17.55208          | 5.545554          |
| #1     | .9266370        | .8860773        | .8059874          | -.008287          | .0339979          | .0284463          |
| #2     | .9280975        | .8922376        | .8160820          | -.008888          | .0247532          | .0274623          |
| #3     | .9318374        | .8866897        | .8490399          | -.010116          | .0343708          | .0305894          |

| Elem   | Sr4077            |
|--------|-------------------|
| Units  | ppm               |
| Avg    | <b>F .0983985</b> |
| Stddev | .0004735          |
| %RSD   | .4812352          |
| #1     | .0978995          |
| #2     | .0984544          |
| #3     | .0988416          |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6632.821</b> | <b>78868.51</b> | <b>14316.82</b> | <b>4752.182</b> | <b>6501.539</b> |
| Stddev    | 7.878           | 389.17          | 39.90           | 15.575          | 2.720           |
| %RSD      | .1187687        | .4934427        | .2787189        | .3277463        | .0418433        |
| #1        | 6623.832        | 79215.42        | 14359.62        | 4770.139        | 6499.541        |
| #2        | 6636.110        | 78942.45        | 14310.19        | 4742.327        | 6500.440        |
| #3        | 6638.521        | 78447.68        | 14280.64        | 4744.082        | 6504.637        |

Sample Name: CCV01      Acquired: 2/27/2023 13:10:18      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>5.220198</b> | <b>5.199155</b> | <b>5.127050</b> | <b>5.244189</b> | <b>5.253769</b> | <b>10.34055</b> | <b>10.26744</b> |
| Stddev | .007159         | .006565         | .005092         | .015289         | .002857         | .04594          | .07175          |
| %RSD   | .1371454        | .1262632        | .0993070        | .2915366        | .0543885        | .4442870        | .6987634        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.221589 | 5.197563 | 5.126129 | 5.229505 | 5.250501 | 10.39219 | 10.34999 |
| #2 | 5.212445 | 5.206369 | 5.132540 | 5.243042 | 5.255012 | 10.32526 | 10.23214 |
| #3 | 5.226560 | 5.193533 | 5.122482 | 5.260018 | 5.255794 | 10.30421 | 10.22018 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2542894</b> | <b>2.559543</b> | <b>25.53431</b> | <b>1.047480</b> | <b>2.556936</b> | <b>1.308972</b> | <b>5.276675</b> |
| Stddev | .0010909        | .003013         | .15676          | .001447         | .001565         | .001502         | .039160         |
| %RSD   | .4289797        | .1177255        | .6139366        | .1381689        | .0611922        | .1147337        | .7421275        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2548923 | 2.563014 | 25.70331 | 1.048839 | 2.557766 | 1.307752 | 5.303661 |
| #2 | .2530302 | 2.557598 | 25.50597 | 1.047642 | 2.555131 | 1.308515 | 5.294602 |
| #3 | .2549458 | 2.558018 | 25.39365 | 1.045958 | 2.557911 | 1.310649 | 5.231760 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.677876</b> | <b>25.60053</b> | <b>2.568883</b> | <b>1.297559</b> | <b>26.34415</b> | <b>2.587329</b> | <b>2.640147</b> |
| Stddev | .015466         | .12427          | .002878         | .001460         | .23235          | .006123         | .005954         |
| %RSD   | .5775641        | .4854173        | .1120240        | .1125279        | .8819788        | .2366633        | .2255110        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.695622 | 25.72645 | 2.567482 | 1.299195 | 26.52180 | 2.593917 | 2.645785 |
| #2 | 2.670741 | 25.59716 | 2.566974 | 1.297092 | 26.42943 | 2.581813 | 2.640735 |
| #3 | 2.667266 | 25.47798 | 2.572193 | 1.296389 | 26.08121 | 2.586256 | 2.633921 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.93019</b> | <b>5.005807</b> | <b>5.171486</b> | <b>5.128936</b> | <b>5.130409</b> | <b>5.260786</b> | <b>5.340952</b> |
| Stddev | .21899          | .022903         | .002674         | .008685         | .025605         | .042852         | .011664         |
| %RSD   | .8445346        | .4575273        | .0517093        | .1693243        | .4990898        | .8145603        | .2183878        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.10718 | 5.009573 | 5.174052 | 5.138953 | 5.159903 | 5.265613 | 5.351827 |
| #2 | 25.99809 | 4.981255 | 5.171690 | 5.123512 | 5.117463 | 5.301019 | 5.328633 |
| #3 | 25.68529 | 5.026594 | 5.168715 | 5.124344 | 5.113863 | 5.215724 | 5.342396 |

Sample Name: CCV01      Acquired: 2/27/2023 13:10:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.165773</b> | <b>5.059874</b> | <b>5.391852</b> |
| Stddev | .002689         | .030535         | .007442         |
| %RSD   | .0520507        | .6034831        | .1380191        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.165780</b> | <b>5.094597</b> | <b>5.388324</b> |
| #2 | <b>5.168458</b> | <b>5.047818</b> | <b>5.386830</b> |
| #3 | <b>5.163081</b> | <b>5.037208</b> | <b>5.400401</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6987.465</b> | <b>81934.46</b> | <b>14233.62</b> | <b>4934.987</b> | <b>7160.002</b> |
| Stddev    | 11.909          | 485.54          | 51.12           | 28.497          | 15.179          |
| %RSD      | .1704364        | .5926005        | .3591203        | .5774409        | .2119944        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>6975.240</b> | <b>81650.18</b> | <b>14175.13</b> | <b>4911.414</b> | <b>7143.751</b> |
| #2 | <b>6988.123</b> | <b>81658.10</b> | <b>14256.04</b> | <b>4926.892</b> | <b>7162.442</b> |
| #3 | <b>6999.031</b> | <b>82495.10</b> | <b>14269.69</b> | <b>4966.656</b> | <b>7173.813</b> |

Sample Name: LLCCV01      Acquired: 2/27/2023 13:14:06      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .0227954 | .0438800 | .0131567 | .0210068 | .0578427 | .1130101 |
| Stddev | .0018758 | .0009158 | .0008629 | .0009491 | .0007814 | .0023342 |
| %RSD   | 8.229032 | 2.086961 | 6.558557 | 4.517797 | 1.350960 | 2.065491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0246573 | .0439513 | .0127418 | .0201813 | .0569850 | .1148146 |
| #2 | .0209059 | .0447580 | .0125796 | .0220437 | .0585142 | .1138417 |
| #3 | .0228229 | .0429307 | .0141486 | .0207955 | .0580289 | .1103739 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1120054 | .0066520 | .0066289 | 2.135351 | .0111479 | .0315669 |
| Stddev | .0030347 | .0000138 | .0000346 | .007326  | .0002170 | .0001170 |
| %RSD   | 2.709423 | .2067605 | .5215849 | .3430953 | 1.946878 | .3704859 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1104779 | .0066597 | .0066302 | 2.131998 | .0110231 | .0315778 |
| #2 | .1155003 | .0066602 | .0065937 | 2.143754 | .0113986 | .0314449 |
| #3 | .1100380 | .0066361 | .0066628 | 2.130301 | .0110221 | .0316780 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238959 | .1194620 | .0239001 | 2.224308 | .0426619 | .0116479 |
| Stddev | .0005791 | .0076702 | .0002812 | .026754  | .0003465 | .0004773 |
| %RSD   | 2.423473 | 6.420597 | 1.176722 | 1.202813 | .8121882 | 4.097755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0235912 | .1169038 | .0237369 | 2.252048 | .0424487 | .0121402 |
| #2 | .0245638 | .1133979 | .0242249 | 2.198662 | .0430617 | .0111871 |
| #3 | .0235328 | .1280844 | .0237386 | 2.222214 | .0424753 | .0116163 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.204434 | .0444275 | .0477598 | 2.161450 | .1129005 | .2291113 |
| Stddev | .022593  | .0038642 | .0004893 | .069582  | .0019961 | .0012119 |
| %RSD   | 1.024868 | 8.697761 | 1.024475 | 3.219238 | 1.768064 | .5289740 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.179724 | .0467903 | .0478962 | 2.115134 | .1139601 | .2300646 |
| #2 | 2.209545 | .0465241 | .0472168 | 2.127750 | .1141433 | .2295219 |
| #3 | 2.224034 | .0399682 | .0481665 | 2.241465 | .1105979 | .2277474 |

Sample Name: LLCCV01      Acquired: 2/27/2023 13:14:06      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361     | Si2881     | P_1774   | S_1820     | Li6707     |
|--------|----------|------------|------------|----------|------------|------------|
| Units  | ppm      | ppm        | ppm        | ppm      | ppm        | ppm        |
| Avg    | .0412099 | F .0487906 | F .5102140 | .0168099 | F .1985238 | F .0341312 |
| Stddev | .0009464 | .0007188   | .0051344   | .0021071 | .0043427   | .0025330   |
| %RSD   | 2.296510 | 1.473314   | 1.006329   | 12.53489 | 2.187501   | 7.421208   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0414139 | .0490019 | .5044059 | .0154968 | .2033871 | .0312088 |
| #2 | .0420376 | .0479898 | .5120875 | .0156927 | .1971508 | .0354887 |
| #3 | .0401781 | .0493801 | .5141486 | .0192404 | .1950335 | .0356960 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0249136 |
| Stddev | .0005367   |
| %RSD   | 2.154309   |

|    |          |
|----|----------|
| #1 | .0254882 |
| #2 | .0248274 |
| #3 | .0244252 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7001.459 | 82057.31 | 14356.63 | 4925.901 | 7602.278 |
| Stddev    | 4.439    | 123.61   | 43.18    | 13.274   | 4.569    |
| %RSD      | .0634013 | .1506428 | .3007590 | .2694786 | .0601007 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7004.999 | 82121.82 | 14351.90 | 4938.723 | 7606.795 |
| #2 | 7002.900 | 81914.79 | 14316.02 | 4926.765 | 7597.659 |
| #3 | 6996.479 | 82135.33 | 14401.98 | 4912.216 | 7602.380 |

Sample Name: CCB01      Acquired: 2/27/2023 13:18:08      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009295 | .0000283 | -.000078 | -.001997 | -.001032 | -.006831 | .0068533 |
| Stddev | .0009460 | .0007148 | .000442  | .002702  | .001951  | .008828  | .0044253 |
| %RSD   | 101.7755 | 2523.380 | 570.6549 | 135.3310 | 189.0329 | 129.2338 | 64.57150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002411 | .0003293 | .000372  | -.000251 | .001129  | -.008957 | .0108575 |
| #2 | .0020083 | -.000788 | -.000093 | -.000630 | -.002664 | .002866  | .0076002 |
| #3 | .0005393 | .000543  | -.000512 | -.005109 | -.001562 | -.014402 | .0021021 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | .0000068 | .0077775 | .0003605 | -.000233 | .0000392 | .0044426 |
| Stddev | .000019  | .0000797 | .0039789 | .0002492 | .000081  | .0009093 | .0121607 |
| %RSD   | 40.29628 | 1173.828 | 51.15947 | 69.11474 | 34.73951 | 2320.788 | 273.7290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000064 | .0000801 | .0122685 | .0001519 | -.000156 | -.000593 | -.002234 |
| #2 | -.000050 | .0000184 | .0046923 | .0006364 | -.000317 | .001081  | .018479  |
| #3 | -.000027 | -.000078 | .0063717 | .0002932 | -.000225 | -.000370 | -.002917 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000027 | .0064937 | .0003847 | -.000352 | -.058354 | .0022853 | .0001003 |
| Stddev | .000289  | .0169196 | .0002200 | .000251  | .006015  | .0030081 | .0001679 |
| %RSD   | 1088.862 | 260.5524 | 57.18000 | 71.26228 | 10.30783 | 131.6280 | 167.5054 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000308 | .0248868 | .0005692 | -.000088 | -.056102 | -.000429 | -.000002 |
| #2 | -.000042 | -.008408 | .0001412 | -.000586 | -.053790 | .001765  | .000294  |
| #3 | .000270  | .003002  | .0004438 | -.000381 | -.065170 | .005519  | .000009  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.104321 | -.001581 | -.000370 | -.000523 | .0046593 | .0012216 | -.006009 |
| Stddev | .052373  | .002081  | .000053  | .000885  | .0012998 | .0148350 | .000839  |
| %RSD   | 50.20386 | 131.6453 | 14.18963 | 169.1848 | 27.89665 | 1214.384 | 13.95491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.153842 | .000772  | -.000431 | -.001391 | .0031584 | .0079906 | -.005231 |
| #2 | -.109620 | -.003179 | -.000340 | .000377  | .0054088 | .0114648 | -.005899 |
| #3 | -.049499 | -.002336 | -.000340 | -.000555 | .0054106 | -.015791 | -.006897 |

Sample Name: CCB01      Acquired: 2/27/2023 13:18:08      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005249</b> | <b>.0039455</b> | <b>-.000002</b> |
| Stddev | .000493         | .0018133        | .000034         |
| %RSD   | 9.401802        | 45.95971        | 1970.060        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004738</b> | <b>.0047567</b> | <b>-.000041</b> |
| #2 | <b>-.005286</b> | <b>.0018682</b> | <b>.000020</b>  |
| #3 | <b>-.005723</b> | <b>.0052116</b> | <b>.000015</b>  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7263.968</b> | <b>84804.01</b> | <b>14657.34</b> | <b>5109.102</b> | <b>7972.003</b> |
| Stddev    | 21.653          | 51.14           | 64.63           | 17.056          | 24.201          |
| %RSD      | .2980852        | .0603092        | .4409077        | .3338313        | .3035711        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7279.414</b> | <b>84750.88</b> | <b>14670.36</b> | <b>5090.497</b> | <b>7979.289</b> |
| #2 | <b>7273.271</b> | <b>84808.23</b> | <b>14587.20</b> | <b>5123.999</b> | <b>7991.724</b> |
| #3 | <b>7239.218</b> | <b>84852.91</b> | <b>14714.47</b> | <b>5112.808</b> | <b>7944.996</b> |



Sample Name: PB151064BL      Acquired: 2/27/2023 13:22:10      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010429 | -.000446 | -.000592 | -.003214 | -.001210 | -.007245 | .0105775 |
| Stddev | .0035966 | .001316  | .000546  | .001101  | .001069  | .004395  | .0023871 |
| %RSD   | 344.8727 | 294.6651 | 92.14783 | 34.24528 | 88.31748 | 60.66553 | 22.56762 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034867 | .000930  | -.000083 | -.003706 | -.002264 | -.003036 | .0079682 |
| #2 | .0027290 | -.001691 | -.001168 | -.003984 | -.001240 | -.006893 | .0111127 |
| #3 | -.003087 | -.000578 | -.000526 | -.001954 | -.000127 | -.011805 | .0126515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000011 | -.000052 | .0090005 | .0001326 | -.000095 | -.000405 | .0074941 |
| Stddev | .000043  | .000006  | .0039987 | .0001655 | .000100  | .000267  | .0089260 |
| %RSD   | 403.6878 | 11.03469 | 44.42782 | 124.8105 | 105.2915 | 65.98578 | 119.1077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000012  | -.000049 | .0095069 | .0000043 | -.000187 | -.000128 | -.002812 |
| #2 | -.000061 | -.000047 | .0047727 | .0003195 | .000012  | -.000662 | .012567  |
| #3 | .000016  | -.000058 | .0127219 | .0000741 | -.000111 | -.000426 | .012728  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000377 | .0174268 | .0003142 | -.000226 | -.061125 | .0021422 | -.000111 |
| Stddev | .000310  | .0238455 | .0000517 | .000270  | .013179  | .0022482 | .000157  |
| %RSD   | 82.05325 | 136.8323 | 16.44681 | 119.2686 | 21.56009 | 104.9496 | 141.4699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000276 | .0403899 | .0002612 | -.000012 | -.064100 | .0030581 | .000062  |
| #2 | -.000725 | -.007213 | .0003644 | -.000529 | -.072562 | -.000419 | -.000246 |
| #3 | -.000131 | .019103  | .0003169 | -.000137 | -.046714 | .003788  | -.000150 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.142304 | -.004225 | -.000808 | -.000596 | .0042990 | -.002218 | -.004755 |
| Stddev | .094135  | .001461  | .000292  | .000546  | .0011884 | .006245  | .000436  |
| %RSD   | 66.15054 | 34.58151 | 36.12403 | 91.72320 | 27.64378 | 281.5654 | 9.177347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.121456 | -.002889 | -.000510 | -.000161 | .0038014 | -.006587 | -.004457 |
| #2 | -.245116 | -.004001 | -.000820 | -.001209 | .0056553 | -.005001 | -.004553 |
| #3 | -.060341 | -.005785 | -.001093 | -.000417 | .0034403 | .004935  | -.005256 |

Sample Name: PB151064BL      Acquired: 2/27/2023 13:22:10      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004933</b> | <b>.0082070</b> | <b>.0000251</b> |
| Stddev | .001999         | .0026248        | .0000466        |
| %RSD   | 40.52182        | 31.98216        | 185.6930        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002736</b> | <b>.0111706</b> | <b>.0000787</b> |
| #2 | <b>-.006645</b> | <b>.0061753</b> | <b>.0000028</b> |
| #3 | <b>-.005416</b> | <b>.0072752</b> | <b>-.000006</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7275.513</b> | <b>86281.31</b> | <b>14729.80</b> | <b>5172.845</b> | <b>8022.484</b> |
| Stddev    | 14.854          | 107.66          | 36.44           | 10.421          | 19.169          |
| %RSD      | .2041632        | .1247768        | .2474133        | .2014630        | .2389433        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7271.055</b> | <b>86163.95</b> | <b>14715.44</b> | <b>5160.880</b> | <b>8027.682</b> |
| #2 | <b>7292.085</b> | <b>86375.48</b> | <b>14702.73</b> | <b>5179.939</b> | <b>8038.518</b> |
| #3 | <b>7263.398</b> | <b>86304.51</b> | <b>14771.24</b> | <b>5177.717</b> | <b>8001.252</b> |

Sample Name: PB151064BS      Acquired: 2/27/2023 13:26:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7865589</b> | <b>1.969109</b> | <b>.9707637</b> | <b>2.009390</b> | <b>.8235404</b> | <b>1.951848</b> |
| Stddev | .0049407        | .003209         | .0030333        | .007420         | .0007102        | .003944         |
| %RSD   | .6281395        | .1629744        | .3124654        | .3692591        | .0862419        | .2020744        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7831148 | 1.967343 | .9673825 | 2.002919 | .8231932 | 1.948945 |
| #2 | .7843423 | 1.972814 | .9716626 | 2.017488 | .8230706 | 1.956339 |
| #3 | .7922198 | 1.967171 | .9732459 | 2.007762 | .8243575 | 1.950260 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1984568</b> | <b>.1965099</b> | <b>.1926084</b> | <b>.9660406</b> | <b>.4093687</b> | <b>.1947876</b> |
| Stddev | .0021466        | .0004746        | .0001417        | .0062229        | .0014824        | .0002293        |
| %RSD   | 1.081664        | .2415189        | .0735777        | .6441681        | .3621194        | .1177461        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1963342 | .1959873 | .1925470 | .9621325 | .4078445 | .1946516 |
| #2 | .1984095 | .1966282 | .1925078 | .9732167 | .4094560 | .1946588 |
| #3 | .2006267 | .1969141 | .1927705 | .9627726 | .4108055 | .1950524 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3166990</b> | <b>3.075867</b> | <b>.2105657</b> | <b>2.006763</b> | <b>.4920996</b> | <b>.0744450</b> |
| Stddev | .0014504        | .025995         | .0005213        | .009135         | .0007874        | .0007348        |
| %RSD   | .4579683        | .8451221        | .2475873        | .4551947        | .1600159        | .9870340        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3152640 | 3.081615 | .2099642 | 2.012632 | .4911924 | .0743233 |
| #2 | .3181643 | 3.098506 | .2108465 | 1.996239 | .4926055 | .0752330 |
| #3 | .3166688 | 3.047479 | .2108865 | 2.011419 | .4925010 | .0737786 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.979082</b> | <b>.3049409</b> | <b>.2092219</b> | <b>9.620676</b> | <b>.2832963</b> | <b>.4125716</b> |
| Stddev | .004862         | .0041910        | .0011844        | .054998         | .0001534        | .0014291        |
| %RSD   | .1631987        | 1.374379        | .5661006        | .5716632        | .0541600        | .3463946        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.980742 | .3097792 | .2092941 | 9.586947 | .2832466 | .4112503 |
| #2 | 2.973607 | .3024319 | .2080030 | 9.590941 | .2834684 | .4123761 |
| #3 | 2.982896 | .3026116 | .2103685 | 9.684140 | .2831739 | .4140884 |

Sample Name: PB151064BS      Acquired: 2/27/2023 13:26:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.7031890</b> | <b>.2054274</b> | <b>.9531579</b> | <b>5.793788</b> | <b>F -.008484</b> | <b>.1978063</b> |
| Stddev | .0012763        | .0023030        | .0056949        | .019757         | .002748           | .0027874        |
| %RSD   | .1815060        | 1.121060        | .5974775        | .3410039        | 32.39250          | 1.409141        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7017606 | .2052336 | .9592051 | 5.772495 | -.010323 | .1954946 |
| #2 | .7042175 | .2078211 | .9523714 | 5.797343 | -.009804 | .1970228 |
| #3 | .7035890 | .2032275 | .9478971 | 5.811526 | -.005325 | .2009016 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2119287</b> |
| Stddev | .0009091        |
| %RSD   | .4289885        |

|    |          |
|----|----------|
| #1 | .2109370 |
| #2 | .2121262 |
| #3 | .2127228 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7126.693</b> | <b>84736.79</b> | <b>14514.42</b> | <b>5078.340</b> | <b>7663.699</b> |
| Stddev    | 14.280          | 191.14          | 14.43           | 7.889           | 15.767          |
| %RSD      | .2003783        | .2255733        | .0994505        | .1553485        | .2057400        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7113.331 | 84559.08 | 14526.42 | 5069.277 | 7647.329 |
| #2 | 7125.005 | 84712.30 | 14498.40 | 5083.671 | 7664.984 |
| #3 | 7141.742 | 84939.00 | 14518.43 | 5082.071 | 7678.785 |

Sample Name: PB151039TB      Acquired: 2/27/2023 13:29:55      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | -.001271 | -.000900 | .0002042 | -.002099 | -.001755 | -.003431 |
| Stddev | .002178  | .001016  | .0007810 | .003963  | .000726  | .003516  |
| %RSD   | 171.4397 | 112.9662 | 382.4515 | 188.7395 | 41.37338 | 102.4718 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003416 | -.002059 | .0002486 | .002341  | -.002182 | .000360  |
| #2 | -.001336 | -.000161 | .0009622 | -.003364 | -.002167 | -.006584 |
| #3 | .000940  | -.000480 | -.000598 | -.005275 | -.000917 | -.004070 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096115 | -.000010 | .0000271 | .0400141 | .0029184 | -.000174 |
| Stddev | .0020345 | .000020  | .0000811 | .0061880 | .0003253 | .000076  |
| %RSD   | 21.16706 | 202.4110 | 299.3343 | 15.46469 | 11.14733 | 43.37138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0119408 | .000007  | -.000043 | .0338658 | .0025805 | -.000261 |
| #2 | .0087111 | -.000005 | .000116  | .0399353 | .0032294 | -.000124 |
| #3 | .0081826 | -.000032 | .000008  | .0462412 | .0029453 | -.000138 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001174 | .0140100 | .0022917 | -.008772 | .0018725 | -.000169 |
| Stddev | .0004723 | .0064956 | .0005139 | .020031  | .0003838 | .000285  |
| %RSD   | 402.4378 | 46.36420 | 22.42487 | 228.3482 | 20.49813 | 168.2110 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000091 | .0158153 | .0021917 | .010473  | .0022791 | -.000148 |
| #2 | .000658  | .0194120 | .0028483 | -.007284 | .0015164 | .000104  |
| #3 | -.000215 | .0068027 | .0018352 | -.029506 | .0018222 | -.000464 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 383.6799 | .0029622 | .0043675 | -.131900 | -.004942 | -.000740 |
| Stddev | 6.0826     | .0006945 | .0001414 | .035654  | .001294  | .000247  |
| %RSD   | 1.585325   | 23.44671 | 3.237366 | 27.03140 | 26.17747 | 33.33314 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 376.9467 | .0036894 | .0045160 | -.111033 | -.003938 | -.000678 |
| #2 | 385.3157 | .0028913 | .0043518 | -.173069 | -.004487 | -.001012 |
| #3 | 388.7773 | .0023058 | .0042346 | -.111598 | -.006402 | -.000531 |

Sample Name: PB151039TB      Acquired: 2/27/2023 13:29:55      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>-.000100</b> | <b>.0057354</b> | <b>.0386362</b> | <b>.0016898</b> | <b>F .0271662</b> | <b>.0067443</b> |
| Stddev | .000806         | .0004417        | .0218170        | .0011167        | .0052775          | .0023010        |
| %RSD   | 804.0331        | 7.701219        | 56.46763        | 66.08552        | 19.42661          | 34.11771        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000464  | .0052654 | .0147565 | .0007136 | .0257784 | .0075375 |
| #2 | -.001023 | .0057988 | .0575259 | .0014484 | .0227213 | .0085439 |
| #3 | .000259  | .0061419 | .0436263 | .0029075 | .0329989 | .0041517 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0000364</b> |
| Stddev | .0000671        |
| %RSD   | 184.5052        |

|    |          |
|----|----------|
| #1 | -.000041 |
| #2 | .000078  |
| #3 | .000072  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7309.998</b> | <b>83874.79</b> | <b>15060.51</b> | <b>5166.964</b> | <b>7294.225</b> |
| Stddev    | 31.470          | 303.29          | 324.00          | 17.499          | 44.592          |
| %RSD      | .4305065        | .3615991        | 2.151326        | .3386672        | .6113334        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7346.334 | 83524.89 | 14908.81 | 5148.543 | 7345.026 |
| #2 | 7292.170 | 84037.10 | 14840.18 | 5168.984 | 7276.094 |
| #3 | 7291.490 | 84062.39 | 15432.53 | 5183.365 | 7261.554 |

Sample Name: PB151046TB      Acquired: 2/27/2023 13:34:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | -.000181 | .0001926 | -.000748 | -.002636 | -.002188 | -.010954 |
| Stddev | .000492  | .0008671 | .000994  | .003887  | .002039  | .001563  |
| %RSD   | 271.4110 | 450.1209 | 132.8069 | 147.4172 | 93.18445 | 14.26971 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000722 | .0001169 | -.000530 | -.001345 | -.002123 | -.009202 |
| #2 | .000240  | -.000634 | .000118  | .000440  | -.004259 | -.011454 |
| #3 | -.000061 | .001095  | -.001833 | -.007004 | -.000182 | -.012206 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015608 | -.000034 | -.000042 | .0441653 | .0012103 | -.000070 |
| Stddev | .0030553 | .000003  | .000098  | .0030378 | .0005028 | .000263  |
| %RSD   | 195.7550 | 8.965184 | 234.7284 | 6.878142 | 41.54240 | 373.7697 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050345 | -.000038 | -.000059 | .0406579 | .0006521 | -.000373 |
| #2 | -.000710 | -.000033 | -.000130 | .0458786 | .0016276 | .000071  |
| #3 | .000358  | -.000032 | .000064  | .0459594 | .0013513 | .000091  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000180 | .0143409 | .0017521 | .0142469 | .0009381 | -.000215 |
| Stddev | .0002374 | .0045275 | .0002483 | .0056537 | .0002481 | .000482  |
| %RSD   | 1320.905 | 31.57047 | 14.16913 | 39.68403 | 26.45031 | 223.6057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000057 | .0093366 | .0014673 | .0163712 | .0012245 | -.000767 |
| #2 | -.000173 | .0155329 | .0018666 | .0078387 | .0008004 | .000124  |
| #3 | .000284  | .0181530 | .0019225 | .0185307 | .0007893 | -.000003 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 350.5188 | .0028049 | .0017045 | .0016159 | -.006981 | -.000986 |
| Stddev | .9951      | .0030251 | .0005238 | .0716196 | .000708  | .000151  |
| %RSD   | .2838806   | 107.8509 | 30.73399 | 4432.095 | 10.14328 | 15.29489 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 351.3750 | .0061388 | .0021207 | -.008292 | -.007737 | -.001160 |
| #2 | 350.7543 | .0020410 | .0018764 | -.064534 | -.006334 | -.000883 |
| #3 | 349.4271 | .0002350 | .0011163 | .077674  | -.006871 | -.000917 |

Sample Name: PB151046TB      Acquired: 2/27/2023 13:34:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000095</b> | <b>.0046845</b> | <b>.0356140</b> | <b>.0029065</b> | <b>.0188163</b> | <b>.0073271</b> |
| Stddev | .000405         | .0000298        | .0101685        | .0027925        | .0042741        | .0020557        |
| %RSD   | 426.3574        | .6359236        | 28.55182        | 96.07703        | 22.71489        | 28.05546        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000332  | .0047164 | .0247774 | .0061280 | .0142932 | .0084761 |
| #2 | -.000473 | .0046797 | .0371177 | .0014142 | .0227878 | .0049539 |
| #3 | -.000144 | .0046573 | .0449469 | .0011772 | .0193678 | .0085515 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0000369</b> |
| Stddev | .0000638        |
| %RSD   | 172.9516        |

|    |          |
|----|----------|
| #1 | -.000036 |
| #2 | .000081  |
| #3 | .000066  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7409.394</b> | <b>87549.34</b> | <b>16293.18</b> | <b>5324.781</b> | <b>7429.365</b> |
| Stddev    | 45.605          | 687.76          | 113.31          | 43.408          | 42.507          |
| %RSD      | .6154989        | .7855643        | .6954190        | .8152126        | .5721428        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7458.942 | 86903.24 | 16167.04 | 5280.746 | 7475.649 |
| #2 | 7400.063 | 87472.48 | 16326.17 | 5326.065 | 7420.371 |
| #3 | 7369.176 | 88272.29 | 16386.33 | 5367.534 | 7392.075 |



Sample Name: O1647-01      Acquired: 2/27/2023 13:38:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0015093</b> | <b>-.000139</b> | <b>.0182156</b> | <b>-.003830</b> | <b>-.002007</b> | <b>.2121984</b> | <b>.0944819</b> |
| Stddev | .0030778        | .000391         | .0005216        | .001245         | .000711         | .0154244        | .0040849        |
| %RSD   | 203.9245        | 281.7649        | 2.863361        | 32.50660        | 35.44144        | 7.268870        | 4.323501        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019498 | -.000553 | .0185895 | -.005133 | -.002001 | .2263173 | .0971160 |
| #2 | .0043431 | .000225  | .0184376 | -.002652 | -.001299 | .1957365 | .0897763 |
| #3 | -.001765 | -.000089 | .0176198 | -.003705 | -.002721 | .2145414 | .0965536 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000048</b> | <b>.0000102</b> | <b>5.957371</b> | <b>.0017295</b> | <b>-.000106</b> | <b>.0097545</b> | <b>.4474061</b> |
| Stddev | .000047         | .0000763        | .097105         | .0001081        | .000106         | .0001550        | .0027696        |
| %RSD   | 97.65321        | 746.8970        | 1.630000        | 6.250829        | 99.95977        | 1.588510        | .6190253        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000027 | -.000077 | 6.025851 | .0017036 | -.000094 | .0099182 | .4478075 |
| #2 | -.000101 | .000043  | 5.846240 | .0018482 | -.000007 | .0097351 | .4444577 |
| #3 | -.000015 | .000064  | 6.000023 | .0016367 | -.000218 | .0096102 | .4499530 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0274220</b> | <b>.9722204</b> | <b>.0027053</b> | <b>.0002284</b> | <b>6.331650</b> | <b>.0022871</b> | <b>.0512845</b> |
| Stddev | .0006874        | .0207115        | .0001807        | .0004360        | .032672         | .0007827        | .0004811        |
| %RSD   | 2.506753        | 2.130331        | 6.680597        | 190.9227        | .5160084        | 34.22118        | .9381027        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0279598 | .9901677 | .0026983 | -.000100 | 6.351679 | .0015501 | .0514725 |
| #2 | .0266475 | .9495578 | .0028895 | .000062  | 6.349323 | .0031086 | .0516431 |
| #3 | .0276586 | .9769357 | .0025282 | .000723  | 6.293948 | .0022026 | .0507377 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5479837</b> | <b>.0183284</b> | <b>.0011032</b> | <b>.0006595</b> | <b>.0145077</b> | <b>.3352627</b> | <b>.1290979</b> |
| Stddev | .0592833        | .0018273        | .0001049        | .0003626        | .0018364        | .0149071        | .0050036        |
| %RSD   | 10.81844        | 9.969658        | 9.512654        | 54.97255        | 12.65829        | 4.446378        | 3.875816        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5600083 | .0184391 | .0012153 | .0002444 | .0137816 | .3506926 | .1233755 |
| #2 | .6003329 | .0164483 | .0010073 | .0009138 | .0131453 | .3209403 | .1312688 |
| #3 | .4836099 | .0200978 | .0010869 | .0008204 | .0165961 | .3341551 | .1326495 |

Sample Name: O1647-01      Acquired: 2/27/2023 13:38:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.866886</b> | <b>.0093557</b> | <b>.0245167</b> |
| Stddev | .079888         | .0017504        | .0005221        |
| %RSD   | 2.786586        | 18.70986        | 2.129598        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.784725 | .0092689 | .0248519 |
| #2 | 2.944289 | .0076502 | .0239152 |
| #3 | 2.871646 | .0111479 | .0247832 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7608.561</b> | <b>91845.18</b> | <b>16626.97</b> | <b>5491.735</b> | <b>8409.348</b> |
| Stddev    | 190.561         | 214.81          | 331.54          | 11.459          | 214.255         |
| %RSD      | 2.504565        | .2338833        | 1.993996        | .2086499        | 2.547816        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7805.606 | 91672.46 | 16376.10 | 5485.737 | 8632.292 |
| #2 | 7425.223 | 91777.38 | 17002.84 | 5484.522 | 8204.994 |
| #3 | 7594.854 | 92085.71 | 16501.97 | 5504.948 | 8390.759 |

Sample Name: O1647-01DUP      Acquired: 2/27/2023 13:42:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0008314</b> | <b>-.000929</b> | <b>.0180804</b> | <b>-.003207</b> | <b>-.002464</b> | <b>.2260071</b> | <b>.1041728</b> |
| Stddev | .0010321        | .000919         | .0003581        | .001071         | .000940         | .0099273        | .0027611        |
| %RSD   | 124.1446        | 98.96826        | 1.980527        | 33.39264        | 38.13825        | 4.392469        | 2.650534        |
| #1     | .0006621        | -.000364        | .0183951        | -.003060        | -.002570        | .2223775        | .1012081        |
| #2     | .0019377        | -.000433        | .0176907        | -.004343        | -.003346        | .2372384        | .1066709        |
| #3     | -.000106        | -.001990        | .0181553        | -.002217        | -.001476        | .2184055        | .1046394        |
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000009</b> | <b>.0000675</b> | <b>6.104349</b> | <b>.0017623</b> | <b>-.000202</b> | <b>.0097858</b> | <b>.4784638</b> |
| Stddev | .000022         | .0000854        | .022813         | .0002959        | .000084         | .0002897        | .0066178        |
| %RSD   | 240.5779        | 126.4331        | .3737175        | 16.78930        | 41.52307        | 2.959965        | 1.383146        |
| #1     | .000015         | .0000795        | 6.095774        | .0020904        | -.000269        | .0099652        | .4852361        |
| #2     | -.000028        | -.000023        | 6.087066        | .0015156        | -.000108        | .0094516        | .4720121        |
| #3     | -.000015        | .000146         | 6.130207        | .0016810        | -.000230        | .0099405        | .4781431        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0285361</b> | <b>1.017971</b> | <b>.0023712</b> | <b>-.000412</b> | <b>6.441962</b> | <b>.0051256</b> | <b>.0528024</b> |
| Stddev | .0013972        | .004805         | .0001889        | .000373         | .007162         | .0024402        | .0003453        |
| %RSD   | 4.896134        | .4719805        | 7.966741        | 90.39703        | .1111731        | 47.60805        | .6538697        |
| #1     | .0269228        | 1.021378        | .0021531        | -.000222        | 6.447729        | .0078065        | .0524242        |
| #2     | .0293501        | 1.012476        | .0024760        | -.000842        | 6.433946        | .0045363        | .0528823        |
| #3     | .0293354        | 1.020060        | .0024844        | -.000173        | 6.444212        | .0030340        | .0531008        |
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5371966</b> | <b>.0198927</b> | <b>.0012583</b> | <b>.0004649</b> | <b>.0149886</b> | <b>.4174686</b> | <b>.1294865</b> |
| Stddev | .0455876        | .0005414        | .0002836        | .0002642        | .0007191        | .0137947        | .0052314        |
| %RSD   | 8.486198        | 2.721650        | 22.53942        | 56.82896        | 4.797614        | 3.304361        | 4.040107        |
| #1     | .4849340        | .0196712        | .0012794        | .0002650        | .0154218        | .4139423        | .1236320        |
| #2     | .5687768        | .0194972        | .0015308        | .0007644        | .0141585        | .4326841        | .1311248        |
| #3     | .5578791        | .0205098        | .0009647        | .0003653        | .0153855        | .4057793        | .1337026        |

Sample Name: O1647-01DUP      Acquired: 2/27/2023 13:42:11      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.856657</b> | <b>.0085005</b> | <b>.0252754</b> |
| Stddev | .012420         | .0006069        | .0001379        |
| %RSD   | .4347850        | 7.139372        | .5455719        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.870939</b> | <b>.0084049</b> | <b>.0251440</b> |
| #2 | <b>2.850655</b> | <b>.0079471</b> | <b>.0252631</b> |
| #3 | <b>2.848378</b> | <b>.0091495</b> | <b>.0254190</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7592.110</b> | <b>88449.71</b> | <b>16114.72</b> | <b>5324.816</b> | <b>8393.017</b> |
| Stddev    | 22.787          | 441.04          | 155.21          | 17.669          | 30.034          |
| %RSD      | .3001420        | .4986302        | .9631542        | .3318196        | .3578416        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7579.634</b> | <b>88958.45</b> | <b>16291.93</b> | <b>5341.321</b> | <b>8365.486</b> |
| #2 | <b>7578.285</b> | <b>88215.50</b> | <b>16049.25</b> | <b>5326.949</b> | <b>8388.519</b> |
| #3 | <b>7618.411</b> | <b>88175.19</b> | <b>16002.96</b> | <b>5306.177</b> | <b>8425.046</b> |

Sample Name: O1647-01LX5      Acquired: 2/27/2023 13:46:10      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB11757      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000010</b> | <b>.0001541</b> | <b>.0037222</b> | <b>-.005005</b> | <b>-.001078</b> | <b>.0188158</b> | <b>.0191352</b> |
| Stddev | .001352         | .0001817        | .0017689        | .001169         | .000509         | .0063641        | .0017172        |
| %RSD   | 13139.88        | 117.9691        | 47.52162        | 23.35122        | 47.22191        | 33.82286        | 8.974095        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001000  | .0000420 | .0052001 | -.003695 | -.001124 | .0197954 | .0188801 |
| #2 | .000515  | .0000565 | .0017623 | -.005375 | -.000547 | .0120188 | .0209657 |
| #3 | -.001546 | .0003637 | .0042043 | -.005943 | -.001562 | .0246333 | .0175598 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000026</b> | <b>-.000029</b> | <b>1.167123</b> | <b>.0004002</b> | <b>-.000301</b> | <b>.0015539</b> | <b>.0961380</b> |
| Stddev | .000032         | .000038         | .009239         | .0000330        | .000108         | .0005387        | .0080796        |
| %RSD   | 120.8617        | 129.3560        | .7916287        | 8.258144        | 35.95988        | 34.66862        | 8.404149        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000004 | -.000055 | 1.156481 | .0004130 | -.000193 | .0016962 | .1041493 |
| #2 | -.000063 | -.000048 | 1.173098 | .0003627 | -.000300 | .0020071 | .0879918 |
| #3 | -.000012 | .000014  | 1.171791 | .0004249 | -.000409 | .0009583 | .0962730 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0059046</b> | <b>.1821244</b> | <b>.0006478</b> | <b>-.000244</b> | <b>1.193804</b> | <b>.0009973</b> | <b>.0094001</b> |
| Stddev | .0003258        | .0021583        | .0001256        | .000556         | .003105         | .0036979        | .0003061        |
| %RSD   | 5.517487        | 1.185098        | 19.38613        | 227.4010        | .2600601        | 370.8056        | 3.256031        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056428 | .1803334 | .0005028 | -.000485 | 1.195294 | .0052333 | .0094470 |
| #2 | .0058014 | .1815190 | .0007213 | -.000640 | 1.190235 | -.000655 | .0096799 |
| #3 | .0062694 | .1845208 | .0007194 | .000391  | 1.195882 | -.001586 | .0090732 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0899590</b> | <b>-.002627</b> | <b>-.000638</b> | <b>-.000259</b> | <b>.0050750</b> | <b>.0821816</b> | <b>.0325598</b> |
| Stddev | .0186794        | .000514         | .000141         | .000489         | .0010567        | .0066677        | .0019457        |
| %RSD   | 20.76429        | 19.56846        | 22.07114        | 188.6294        | 20.82139        | 8.113385        | 5.975800        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0732147 | -.002303 | -.000795 | -.000717 | .0040119 | .0747193 | .0320706 |
| #2 | .0865567 | -.003220 | -.000597 | -.000315 | .0061252 | .0842714 | .0347034 |
| #3 | .1101057 | -.002358 | -.000523 | .000255  | .0050879 | .0875540 | .0309054 |

Sample Name: O1647-01LX5      Acquired: 2/27/2023 13:46:10      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB11757      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.5279795</b> | <b>.0082607</b> | <b>.0047029</b> |
| Stddev | .0029235        | .0007685        | .0000174        |
| %RSD   | .5537157        | 9.302953        | .3701652        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.5250032</b> | <b>.0089984</b> | <b>.0047152</b> |
| #2 | <b>.5308471</b> | <b>.0083190</b> | <b>.0046830</b> |
| #3 | <b>.5280881</b> | <b>.0074648</b> | <b>.0047105</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7436.866</b> | <b>90785.63</b> | <b>15976.61</b> | <b>5319.560</b> | <b>8144.029</b> |
| Stddev    | 13.724          | 87.59           | 20.41           | 15.450          | 12.227          |
| %RSD      | .1845424        | .0964794        | .1277400        | .2904309        | .1501332        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7422.412</b> | <b>90765.17</b> | <b>15999.20</b> | <b>5318.357</b> | <b>8130.749</b> |
| #2 | <b>7449.720</b> | <b>90881.65</b> | <b>15971.11</b> | <b>5335.576</b> | <b>8154.820</b> |
| #3 | <b>7438.465</b> | <b>90710.09</b> | <b>15959.51</b> | <b>5304.747</b> | <b>8146.517</b> |

Sample Name: O1647-01MS      Acquired: 2/27/2023 13:50:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8290945</b> | <b>2.044735</b> | <b>1.009112</b> | <b>2.243684</b> | <b>.8440724</b> | <b>2.302952</b> | <b>.3076459</b> |
| Stddev | .0180041        | .035060         | .018254         | .042508         | .0151318        | .016620         | .0004673        |
| %RSD   | 2.171539        | 1.714643        | 1.808935        | 1.894555        | 1.792717        | .7216933        | .1518965        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8339421 | 2.051735 | 1.016297 | 2.258347 | .8511977 | 2.283774 | .3081689 |
| #2 | .8091629 | 2.006703 | .988359  | 2.195786 | .8266933 | 2.313159 | .3074997 |
| #3 | .8441785 | 2.075767 | 1.022681 | 2.276919 | .8543263 | 2.311923 | .3072692 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2042586</b> | <b>.1977967</b> | <b>7.304035</b> | <b>.4220172</b> | <b>.1983877</b> | <b>.3374918</b> | <b>3.691723</b> |
| Stddev | .0010325        | .0035079        | .007488         | .0022614        | .0031469        | .0068568        | .042203         |
| %RSD   | .5054798        | 1.773493        | .1025153        | .5358625        | 1.586217        | 2.031706        | 1.143173        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2046188 | .1993801 | 7.304143 | .4206460 | .1996096 | .3392014 | 3.677150 |
| #2 | .2050627 | .1937762 | 7.296494 | .4207782 | .1948132 | .3299419 | 3.658738 |
| #3 | .2030943 | .2002338 | 7.311468 | .4246273 | .2007405 | .3433321 | 3.739281 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2463089</b> | <b>3.068656</b> | <b>.5041835</b> | <b>.0763673</b> | <b>9.645143</b> | <b>.3134269</b> | <b>.2859861</b> |
| Stddev | .0004702        | .008610         | .0089428        | .0005429        | .124579         | .0045084        | .0057033        |
| %RSD   | .1909041        | .2805704        | 1.773716        | .7109144        | 1.291620        | 1.438418        | 1.994244        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2462291 | 3.065383 | .5077477 | .0761992 | 9.636975 | .3185459 | .2825576 |
| #2 | .2468139 | 3.062164 | .4940082 | .0759283 | 9.524850 | .3100472 | .2828310 |
| #3 | .2458836 | 3.078423 | .5107946 | .0769744 | 9.773605 | .3116876 | .2925698 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.00119</b> | <b>.3216768</b> | <b>.3995405</b> | <b>.6372726</b> | <b>.2169156</b> | <b>1.469097</b> | <b>5.979317</b> |
| Stddev | .02675          | .0026741        | .0074217        | .0124250        | .0017004        | .013440         | .113696         |
| %RSD   | .2431248        | .8312947        | 1.857547        | 1.949710        | .7838788        | .9148494        | 1.901490        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.98004 | .3217328 | .4003831 | .6402525 | .2149641 | 1.472904 | 6.022339 |
| #2 | 10.99228 | .3189751 | .3917335 | .6236286 | .2177045 | 1.454164 | 5.850388 |
| #3 | 11.03125 | .3243224 | .4065049 | .6479367 | .2180783 | 1.480223 | 6.065225 |

Sample Name: O1647-01MS      Acquired: 2/27/2023 13:50:11      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.042015</b> | <b>.2064960</b> | <b>.2454827</b> |
| Stddev | .056143         | .0017849        | .0002453        |
| %RSD   | 1.845584        | .8643865        | .0999468        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.050435</b> | <b>.2064451</b> | <b>.2457495</b> |
| #2 | <b>2.982137</b> | <b>.2083058</b> | <b>.2452669</b> |
| #3 | <b>3.093472</b> | <b>.2047370</b> | <b>.2454317</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7617.464</b> | <b>90794.81</b> | <b>15912.85</b> | <b>5414.817</b> | <b>8247.588</b> |
| Stddev    | 118.943         | 732.33          | 59.87           | 34.002          | 131.607         |
| %RSD      | 1.561450        | .8065806        | .3762374        | .6279493        | 1.595702        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7565.079</b> | <b>90826.85</b> | <b>15877.05</b> | <b>5431.431</b> | <b>8188.308</b> |
| #2 | <b>7753.608</b> | <b>91510.60</b> | <b>15879.54</b> | <b>5437.317</b> | <b>8398.409</b> |
| #3 | <b>7533.705</b> | <b>90046.98</b> | <b>15981.97</b> | <b>5375.701</b> | <b>8156.047</b> |



Sample Name: O1647-01MSD      Acquired: 2/27/2023 13:53:54      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8477998</b> | <b>2.080479</b> | <b>1.026151</b> | <b>2.288961</b> | <b>.8626886</b> | <b>2.256335</b> | <b>.3019080</b> |
| Stddev | .0085207        | .012365         | .003932         | .006616         | .0055945        | .002865         | .0011731        |
| %RSD   | 1.005036        | .5943465        | .3832053        | .2890367        | .6484980        | .1269820        | .3885709        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8575775 | 2.094724 | 1.030630 | 2.296572 | .8691486 | 2.254602 | .3007752 |
| #2 | .8438591 | 2.072505 | 1.023266 | 2.285731 | .8594551 | 2.259642 | .3031177 |
| #3 | .8419627 | 2.074209 | 1.024557 | 2.284581 | .8594621 | 2.254760 | .3018312 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1994364</b> | <b>.2003342</b> | <b>7.216081</b> | <b>.4317417</b> | <b>.2011961</b> | <b>.3451693</b> | <b>3.833612</b> |
| Stddev | .0026399        | .0016187        | .026353         | .0216279        | .0014077        | .0014035        | .146247         |
| %RSD   | 1.323693        | .8080201        | .3652039        | 5.009444        | .6996425        | .4066014        | 3.814851        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1969826 | .2022029 | 7.187121 | .4180556 | .2028115 | .3467213 | 3.750689 |
| #2 | .2022296 | .1993614 | 7.222471 | .4566757 | .2002319 | .3447970 | 4.002474 |
| #3 | .1990969 | .1994384 | 7.238653 | .4204937 | .2005450 | .3439895 | 3.747673 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2434998</b> | <b>3.030415</b> | <b>.5120950</b> | <b>.0794627</b> | <b>10.02489</b> | <b>.3090753</b> | <b>.2905574</b> |
| Stddev | .0004626        | .035765         | .0036776        | .0043964        | .41338          | .0023876        | .0144571        |
| %RSD   | .1899950        | 1.180192        | .7181538        | 5.532603        | 4.123569        | .7725021        | 4.975633        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2439243 | 3.001020 | .5162588 | .0764154 | 9.77679  | .3093638 | .2817463 |
| #2 | .2430067 | 3.019990 | .5092903 | .0845026 | 10.50210 | .3065565 | .3072422 |
| #3 | .2435684 | 3.070233 | .5107361 | .0774702 | 9.79578  | .3113056 | .2826837 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.40179</b> | <b>.3114860</b> | <b>.4072611</b> | <b>.6545085</b> | <b>.2129027</b> | <b>1.550364</b> | <b>6.088425</b> |
| Stddev | .41706          | .0040241        | .0015238        | .0071632        | .0021844        | .053923         | .050184         |
| %RSD   | 3.657808        | 1.291899        | .3741551        | 1.094440        | 1.025992        | 3.478084        | .8242484        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.15945 | .3085595 | .4087347 | .6626338 | .2103807 | 1.530720 | 6.142997 |
| #2 | 11.88336 | .3160749 | .4056916 | .6491056 | .2141302 | 1.611354 | 6.044262 |
| #3 | 11.16255 | .3098235 | .4073568 | .6517859 | .2141971 | 1.509016 | 6.078016 |

Sample Name: O1647-01MSD      Acquired: 2/27/2023 13:53:54      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ACADEMY-SUBS      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.106700</b> | <b>.2054022</b> | <b>.2423206</b> |
| Stddev | .018519         | .0002012        | .0005705        |
| %RSD   | .5960856        | .0979737        | .2354149        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.127966</b> | <b>.2051701</b> | <b>.2429076</b> |
| #2 | <b>3.094133</b> | <b>.2055086</b> | <b>.2417683</b> |
| #3 | <b>3.097999</b> | <b>.2055279</b> | <b>.2422859</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7483.609</b> | <b>88697.00</b> | <b>16388.99</b> | <b>5310.355</b> | <b>8116.615</b> |
| Stddev    | 42.094          | 3634.18         | 71.93           | 213.420         | 50.177          |
| %RSD      | .5624874        | 4.097298        | .4388939        | 4.018934        | .6182017        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7436.067</b> | <b>90914.63</b> | <b>16471.81</b> | <b>5442.736</b> | <b>8060.028</b> |
| #2 | <b>7516.142</b> | <b>84502.92</b> | <b>16342.13</b> | <b>5064.152</b> | <b>8155.685</b> |
| #3 | <b>7498.618</b> | <b>90673.46</b> | <b>16353.03</b> | <b>5424.176</b> | <b>8134.133</b> |

Sample Name: O1654-02      Acquired: 2/27/2023 13:57:38      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: UGT      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031808 | .0002391 | .0079049 | -.003490 | -.002557 | .0277114 | .0676063 |
| Stddev | .0021255 | .0017221 | .0011336 | .000326  | .000346  | .0077656 | .0013789 |
| %RSD   | 66.82255 | 720.3762 | 14.34094 | 9.328598 | 13.54530 | 28.02298 | 2.039593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053807 | -.000829 | .0069493 | -.003115 | -.002401 | .0312622 | .0671094 |
| #2 | .0030234 | .002226  | .0076079 | -.003657 | -.002315 | .0330668 | .0691647 |
| #3 | .0011384 | -.000679 | .0091574 | -.003699 | -.002954 | .0188052 | .0665447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0002080 | 8.566988 | .0005491 | .0003790 | .0089640 | .0862932 |
| Stddev | .000087  | .0000219 | .016184  | .0003327 | .0000606 | .0004045 | .0047034 |
| %RSD   | 396.7312 | 10.51331 | .1889121 | 60.59164 | 15.99813 | 4.512032 | 5.450438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000069  | .0002090 | 8.572382 | .0007831 | .0003112 | .0091717 | .0816337 |
| #2 | -.000104 | .0002294 | 8.548795 | .0001682 | .0004281 | .0092225 | .0862069 |
| #3 | -.000031 | .0001857 | 8.579785 | .0006959 | .0003977 | .0084979 | .0910392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0781835 | .9364505 | .0021177 | -.000084 | 394.2081 | .0058096 | .0374688 |
| Stddev | .0002857 | .0276241 | .0000979 | .000329  | 1.0489   | .0045390 | .0002080 |
| %RSD   | .3653976 | 2.949873 | 4.621098 | 389.6207 | .2660663 | 78.12895 | .5551197 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0783630 | .9677651 | .0020199 | -.000220 | 394.3822 | .0097821 | .0373149 |
| #2 | .0778541 | .9155359 | .0022157 | -.000323 | 393.0832 | .0067843 | .0377055 |
| #3 | .0783334 | .9260506 | .0021176 | .000290  | 395.1591 | .0008625 | .0373861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.043331 | .0029305 | .0012208 | .0010244 | .0073423 | .2382518 | .0182964 |
| Stddev | .046886  | .0013707 | .0002686 | .0001555 | .0003199 | .0222834 | .0021259 |
| %RSD   | 4.493891 | 46.77315 | 22.00422 | 15.18423 | 4.357056 | 9.352869 | 11.61908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.094888 | .0017399 | .0015310 | .0011844 | .0069979 | .2204548 | .0192180 |
| #2 | 1.031861 | .0026227 | .0010646 | .0010151 | .0073987 | .2310570 | .0198060 |
| #3 | 1.003245 | .0044289 | .0010668 | .0008737 | .0076302 | .2632438 | .0158653 |

Sample Name: O1654-02      Acquired: 2/27/2023 13:57:38      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: UGT      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.7715224</b> | <b>.0092035</b> | <b>.0530896</b> |
| Stddev | .0031840        | .0009706        | .0001270        |
| %RSD   | .4126908        | 10.54639        | .2391231        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.7732615</b> | <b>.0088425</b> | <b>.0530596</b> |
| #2 | <b>.7734580</b> | <b>.0103029</b> | <b>.0529803</b> |
| #3 | <b>.7678476</b> | <b>.0084650</b> | <b>.0532288</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7272.781</b> | <b>84269.68</b> | <b>16069.04</b> | <b>5126.294</b> | <b>7292.531</b> |
| Stddev    | 37.493          | 384.73          | 56.33           | 23.889          | 34.856          |
| %RSD      | .5155232        | .4565423        | .3505669        | .4660014        | .4779740        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7230.334</b> | <b>83840.96</b> | <b>16005.20</b> | <b>5098.949</b> | <b>7253.188</b> |
| #2 | <b>7286.631</b> | <b>84584.87</b> | <b>16111.76</b> | <b>5136.833</b> | <b>7304.848</b> |
| #3 | <b>7301.379</b> | <b>84383.19</b> | <b>16090.16</b> | <b>5143.101</b> | <b>7319.556</b> |

Sample Name: CCV02      Acquired: 2/27/2023 14:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20097      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.966783 | 4.925639 | 4.839452 | 5.023263 | 5.049031 | 9.602206 |
| Stddev | .012674  | .021938  | .019023  | .007579  | .010734  | .125984  |
| %RSD   | .2551811 | .4453842 | .3930804 | .1508847 | .2125960 | 1.312034 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.981292 | 4.950797 | 4.861055 | 5.031883 | 5.059781 | 9.700924 |
| #2 | 4.961191 | 4.910495 | 4.832093 | 5.017640 | 5.038313 | 9.460310 |
| #3 | 4.957867 | 4.915625 | 4.825207 | 5.020267 | 5.048999 | 9.645385 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.602609 | .2397888 | 2.417129 | 23.75551 | .9748342 | 2.424411 |
| Stddev | .147171  | .0033024 | .010455  | .38141   | .0042658 | .011737  |
| %RSD   | 1.532617 | 1.377196 | .4325506 | 1.605559 | .4375953 | .4841182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.733330 | .2430068 | 2.429060 | 24.11549 | .9794168 | 2.437910 |
| #2 | 9.443209 | .2364081 | 2.412763 | 23.35579 | .9709785 | 2.418709 |
| #3 | 9.631287 | .2399514 | 2.409565 | 23.79526 | .9741073 | 2.416615 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.245668 | 5.158653 | 2.504152 | 23.54319 | 2.429770 | 1.209874 |
| Stddev | .003961  | .024236  | .038234  | .33500   | .009006  | .003745  |
| %RSD   | .3180038 | .4698059 | 1.526843 | 1.422898 | .3706461 | .3095256 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.250132 | 5.183101 | 2.541891 | 23.84344 | 2.440145 | 1.212315 |
| #2 | 1.244300 | 5.134636 | 2.465440 | 23.18186 | 2.423971 | 1.205563 |
| #3 | 1.242573 | 5.158222 | 2.505126 | 23.60426 | 2.425195 | 1.211744 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 25.67632 | 2.428682 | 2.481248 | 25.14421 | F 4.404975 | 4.952120 |
| Stddev | .09096   | .024308  | .009590  | .12613   | .059391    | .018699  |
| %RSD   | .3542563 | 1.000878 | .3864840 | .5016171 | 1.348263   | .3776032 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.76561 | 2.448043 | 2.490334 | 25.20948 | 4.461543 | 4.973690 |
| #2 | 25.58377 | 2.401402 | 2.471224 | 24.99882 | 4.343115 | 4.942182 |
| #3 | 25.67957 | 2.436601 | 2.482187 | 25.22433 | 4.410267 | 4.940487 |

Sample Name: CCV02      Acquired: 2/27/2023 14:09:57      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20097      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.848569 | 4.799985 | 5.205687 | 4.875278 | 4.917225 | 4.696136 |
| Stddev | .023882  | .078066  | .024571  | .022346  | .016870  | .067812  |
| %RSD   | .4925649 | 1.626382 | .4719998 | .4583443 | .3430714 | 1.444002 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.875753 | 4.875396 | 5.232564 | 4.899497 | 4.936288 | 4.756864 |
| #2 | 4.838994 | 4.719511 | 5.184378 | 4.855461 | 4.904226 | 4.622963 |
| #3 | 4.830959 | 4.805047 | 5.200118 | 4.870875 | 4.911160 | 4.708581 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.065275 |
| Stddev | .062761  |
| %RSD   | 1.239046 |

|    |          |
|----|----------|
| #1 | 5.132358 |
| #2 | 5.007988 |
| #3 | 5.055479 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7258.957 | 87143.43 | 15933.13 | 5141.630 | 7454.293 |
| Stddev    | 39.384   | 485.55   | 247.42   | 22.432   | 45.417   |
| %RSD      | .5425591 | .5571881 | 1.552844 | .4362737 | .6092768 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7213.802 | 86585.86 | 15671.35 | 5115.975 | 7402.373 |
| #2 | 7276.856 | 87473.13 | 16163.11 | 5157.545 | 7473.855 |
| #3 | 7286.213 | 87371.32 | 15964.93 | 5151.369 | 7486.652 |

Sample Name: CCB02      Acquired: 2/27/2023 14:13:44      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20097      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009713 | .0002354 | -.000913 | -.004666 | -.000438 | -.008731 | .0054621 |
| Stddev | .0001435 | .0007113 | .000518  | .003614  | .000308  | .010472  | .0013722 |
| %RSD   | 14.77498 | 302.1779 | 56.74274 | 77.45408 | 70.37850 | 119.9352 | 25.12270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009159 | .0006078 | -.000494 | -.002294 | -.000548 | -.005493 | .0070217 |
| #2 | .0011343 | -.000585 | -.000752 | -.002878 | -.000676 | -.000261 | .0044396 |
| #3 | .0008638 | .000683  | -.001492 | -.008825 | -.000090 | -.020440 | .0049251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000014 | -.000025 | .0028866 | .0001140 | -.000277 | -.000298 | -.003283 |
| Stddev | .0000371 | .000035  | .0064831 | .0001204 | .000105  | .000321  | .019914  |
| %RSD   | 2693.565 | 139.0143 | 224.5905 | 105.6178 | 38.05830 | 107.8888 | 606.5777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000001 | -.000025 | .0067468 | .0000314 | -.000357 | -.000246 | -.026277 |
| #2 | -.000035 | .000010  | .0065112 | .0000584 | -.000157 | -.000642 | .008028  |
| #3 | .000039  | -.000060 | -.004598 | .0002522 | -.000317 | -.000006 | .008400  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004125 | .0079294 | .0004590 | .0001592 | -.031225 | .0013897 | -.000179 |
| Stddev | .0001770 | .0225927 | .0001081 | .0005286 | .004232  | .0025680 | .000080  |
| %RSD   | 42.89911 | 284.9241 | 23.55315 | 331.9860 | 13.55374 | 184.7870 | 44.95082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004624 | .0337792 | .0003576 | -.000361 | -.029201 | .0008419 | -.000096 |
| #2 | .0002160 | -.001951 | .0004467 | .000143  | -.036089 | .0041874 | -.000184 |
| #3 | .0005592 | -.008040 | .0005727 | .000696  | -.028385 | -.000860 | -.000257 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.113272 | .0055457 | .0039933 | .0003713 | .0053924 | .0168920 | -.001861 |
| Stddev | .071859  | .0012289 | .0008415 | .0003927 | .0014556 | .0055465 | .002136  |
| %RSD   | 63.43925 | 22.16042 | 21.07208 | 105.7740 | 26.99292 | 32.83511 | 114.8196 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.192499 | .0043055 | .0048723 | .0007490 | .0066693 | .0232015 | -.000480 |
| #2 | -.095014 | .0067631 | .0039124 | .0003997 | .0057005 | .0127850 | -.000780 |
| #3 | -.052303 | .0055686 | .0031952 | -.000035 | .0038075 | .0146895 | -.004321 |

Sample Name: CCB02      Acquired: 2/27/2023 14:13:44      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20097      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.004116</b> | <b>.0098680</b> | <b>.0007194</b> |
| Stddev | .004338         | .0031440        | .0002590        |
| %RSD   | 105.4026        | 31.86086        | 36.00013        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000617  | .0094681 | .0009927 |
| #2 | -.005061 | .0131928 | .0006879 |
| #3 | -.007903 | .0069430 | .0004776 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7348.008</b> | <b>83896.15</b> | <b>15544.29</b> | <b>5015.744</b> | <b>8067.984</b> |
| Stddev    | 14.080          | 6182.24         | 16.79           | 344.823         | 11.443          |
| %RSD      | .1916191        | 7.368921        | .1079960        | 6.874808        | .1418316        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7363.831 | 76780.72 | 15557.64 | 4618.621 | 8080.988 |
| #2 | 7343.330 | 86955.76 | 15549.79 | 5189.342 | 8063.514 |
| #3 | 7336.862 | 87951.96 | 15525.45 | 5239.267 | 8059.451 |



Sample Name: O1647-01A      Acquired: 2/27/2023 14:17:46      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>.8487252</b> | <b>2.085196</b> | <b>1.033516</b> | <b>2.238132</b> | <b>.8533225</b> | <b>2.323772</b> | <b>.3040723</b> |
| Stddev | .0048299        | .006901         | .003412         | .001137         | .0028434        | .025451         | .0084530        |
| %RSD   | .5690758        | .3309444        | .3301363        | .0507816        | .3332185        | 1.095259        | 2.779916        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8444871 | 2.077782 | 1.031017 | 2.236874 | .8559943 | 2.317227 | .3027505 |
| #2 | .8539838 | 2.086375 | 1.032128 | 2.238437 | .8503340 | 2.351856 | .3131083 |
| #3 | .8477046 | 2.091432 | 1.037403 | 2.239085 | .8536392 | 2.302232 | .2963582 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2061001</b> | <b>.2016856</b> | <b>7.150342</b> | <b>.4295468</b> | <b>.2034473</b> | <b>.3448831</b> | <b>3.738715</b> |
| Stddev | .0031335        | .0001365        | .138438         | .0018194        | .0004303        | .0014139        | .026655         |
| %RSD   | 1.520385        | .0676833        | 1.936101        | .4235574        | .2115023        | .4099751        | .7129469        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2052734 | .2015281 | 7.112500 | .4277192 | .2036503 | .3432659 | 3.725530 |
| #2 | .2095641 | .2017693 | 7.303766 | .4313578 | .2029530 | .3458862 | 3.769393 |
| #3 | .2034629 | .2017594 | 7.034761 | .4295633 | .2037385 | .3454971 | 3.721223 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2527780</b> | <b>3.133256</b> | <b>.5160540</b> | <b>.0777863</b> | <b>9.395436</b> | <b>.3232134</b> | <b>.2782650</b> |
| Stddev | .0043175        | .081936         | .0009455        | .0003443        | .030633         | .0083105        | .0010274        |
| %RSD   | 1.708036        | 2.615038        | .1832171        | .4426023        | .3260386        | 2.571198        | .3692222        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2521815 | 3.132257 | .5149687 | .0774000 | 9.387039 | .3193088 | .2781348 |
| #2 | .2573627 | 3.215687 | .5164939 | .0780606 | 9.429391 | .3327571 | .2793513 |
| #3 | .2487897 | 3.051825 | .5166994 | .0778985 | 9.369877 | .3175743 | .2773089 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.05394</b> | <b>.3228196</b> | <b>.4148688</b> | <b>.7090013</b> | <b>.2267794</b> | <b>1.434026</b> | <b>6.186938</b> |
| Stddev | .06662          | .0063894        | .0009578        | .0018812        | .0058025        | .013417         | .012068         |
| %RSD   | .6026871        | 1.979256        | .2308617        | .2653315        | 2.558667        | .9356278        | .1950551        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.98607 | .3219672 | .4137633 | .7088778 | .2224432 | 1.420683 | 6.175379 |
| #2 | 11.11924 | .3295925 | .4154481 | .7071848 | .2333710 | 1.433879 | 6.185979 |
| #3 | 11.05650 | .3168992 | .4153950 | .7109412 | .2245240 | 1.447516 | 6.199457 |

Sample Name: O1647-01A      Acquired: 2/27/2023 14:17:46      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.839722</b> | <b>.2114600</b> | <b>.2507625</b> |
| Stddev | .008028         | .0055944        | .0048600        |
| %RSD   | .2826864        | 2.645599        | 1.938102        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.830461</b> | <b>.2103299</b> | <b>.2486669</b> |
| #2 | <b>2.844681</b> | <b>.2175331</b> | <b>.2563187</b> |
| #3 | <b>2.844025</b> | <b>.2065169</b> | <b>.2473018</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7600.663</b> | <b>91194.97</b> | <b>15916.67</b> | <b>5464.641</b> | <b>8227.155</b> |
| Stddev    | 11.936          | 301.17          | 271.29          | 15.304          | 14.577          |
| %RSD      | .1570414        | .3302476        | 1.704414        | .2800598        | .1771827        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7614.357</b> | <b>91531.25</b> | <b>16036.41</b> | <b>5474.557</b> | <b>8241.466</b> |
| #2 | <b>7592.461</b> | <b>90950.07</b> | <b>15606.12</b> | <b>5447.015</b> | <b>8227.672</b> |
| #3 | <b>7595.171</b> | <b>91103.60</b> | <b>16107.49</b> | <b>5472.351</b> | <b>8212.326</b> |

Sample Name: PB151047BL      Acquired: 2/27/2023 15:55:28      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB151047BL      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000373</b> | <b>-.000952</b> | <b>-.000281</b> | <b>-.001218</b> | <b>-.000723</b> | <b>-.005671</b> | <b>-.003790</b> |
| Stddev | .000255         | .001223         | .001697         | .001083         | .001382         | .012720         | .000851         |
| %RSD   | 68.46813        | 128.5235        | 604.5992        | 88.93693        | 191.2165        | 224.3103        | 22.44929        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000665</b> | <b>-.002021</b> | <b>.001151</b>  | <b>-.002327</b> | <b>-.002036</b> | <b>.006882</b>  | <b>-.004074</b> |
| #2 | <b>-.000261</b> | <b>.000382</b>  | <b>-.002156</b> | <b>-.001167</b> | <b>-.000851</b> | <b>-.005342</b> | <b>-.002834</b> |
| #3 | <b>-.000193</b> | <b>-.001215</b> | <b>.000162</b>  | <b>-.000161</b> | <b>.000719</b>  | <b>-.018552</b> | <b>-.004463</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000059</b> | <b>-.000088</b> | <b>.0043871</b> | <b>.0002451</b> | <b>-.000212</b> | <b>-.000063</b> | <b>.0084514</b> |
| Stddev | .000044         | .000053         | .0012884        | .0002681        | .000201         | .001048         | .0109138        |
| %RSD   | 73.71873        | 60.33954        | 29.36687        | 109.3878        | 95.13189        | 1657.482        | 129.1363        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000022</b> | <b>-.000081</b> | <b>.0053560</b> | <b>.0005442</b> | <b>-.000398</b> | <b>.000895</b>  | <b>.0086994</b> |
| #2 | <b>-.000048</b> | <b>-.000144</b> | <b>.0029250</b> | <b>.0001647</b> | <b>.000002</b>  | <b>.000098</b>  | <b>.0192391</b> |
| #3 | <b>-.000107</b> | <b>-.000039</b> | <b>.0048803</b> | <b>.0000264</b> | <b>-.000238</b> | <b>-.001183</b> | <b>-.002584</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000261</b> | <b>-.002117</b> | <b>.0004990</b> | <b>-.000408</b> | <b>-.055259</b> | <b>.0041238</b> | <b>-.000215</b> |
| Stddev | .000268         | .010347         | .0001493        | .000326         | .009801         | .0004768        | .000124         |
| %RSD   | 102.6199        | 488.8480        | 29.92630        | 79.97466        | 17.73687        | 11.56223        | 57.74747        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000156</b> | <b>.001304</b>  | <b>.0003426</b> | <b>-.000051</b> | <b>-.064033</b> | <b>.0046732</b> | <b>-.000347</b> |
| #2 | <b>-.000061</b> | <b>-.013741</b> | <b>.0006401</b> | <b>-.000690</b> | <b>-.044681</b> | <b>.0038793</b> | <b>-.000200</b> |
| #3 | <b>-.000565</b> | <b>.006088</b>  | <b>.0005142</b> | <b>-.000482</b> | <b>-.057062</b> | <b>.0038188</b> | <b>-.000100</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.173305</b> | <b>-.008682</b> | <b>-.000227</b> | <b>-.000407</b> | <b>.0037885</b> | <b>-.000052</b> | <b>-.008644</b> |
| Stddev | .046132         | .001402         | .000084         | .000334         | .0002082        | .007326         | .000438         |
| %RSD   | 26.61890        | 16.15071        | 36.90138        | 81.94924        | 5.495098        | 14162.97        | 5.071756        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.219981</b> | <b>-.009150</b> | <b>-.000138</b> | <b>-.000497</b> | <b>.0035746</b> | <b>-.007791</b> | <b>-.008138</b> |
| #2 | <b>-.172199</b> | <b>-.009790</b> | <b>-.000305</b> | <b>-.000687</b> | <b>.0039904</b> | <b>.000861</b>  | <b>-.008917</b> |
| #3 | <b>-.127737</b> | <b>-.007106</b> | <b>-.000239</b> | <b>-.000038</b> | <b>.0038007</b> | <b>.006775</b>  | <b>-.008877</b> |

Sample Name: PB151047BL      Acquired: 2/27/2023 15:55:28      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: PB151047BL      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001868</b> | <b>.0079171</b> | <b>-.000005</b> |
| Stddev | .002631         | .0001493        | .000023         |
| %RSD   | 140.8725        | 1.885763        | 456.1650        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001274</b> | <b>.0079634</b> | <b>.000021</b>  |
| #2 | <b>-.004745</b> | <b>.0080377</b> | <b>-.000013</b> |
| #3 | <b>.000416</b>  | <b>.0077501</b> | <b>-.000024</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7398.037</b> | <b>90990.40</b> | <b>16479.22</b> | <b>5284.846</b> | <b>8103.449</b> |
| Stddev    | 119.705         | 69.91           | 87.32           | 14.151          | 125.930         |
| %RSD      | 1.618063        | .0768297        | .5298548        | .2677599        | 1.554034        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7476.229</b> | <b>91049.58</b> | <b>16566.78</b> | <b>5296.857</b> | <b>8176.847</b> |
| #2 | <b>7457.651</b> | <b>90913.27</b> | <b>16392.15</b> | <b>5288.434</b> | <b>8175.461</b> |
| #3 | <b>7260.230</b> | <b>91008.37</b> | <b>16478.73</b> | <b>5269.247</b> | <b>7958.040</b> |

Sample Name: PB151047BS      Acquired: 2/27/2023 15:59:27      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB151047BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8016929</b> | <b>2.013614</b> | <b>.9685367</b> | <b>2.083693</b> | <b>.8460880</b> | <b>1.972923</b> |
| Stddev | .0078231        | .006298         | .0026711        | .002095         | .0023241        | .006519         |
| %RSD   | .9758195        | .3127630        | .2757883        | .1005439        | .2746920        | .3304203        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8061365 | 2.009185 | .9680221 | 2.082263 | .8440024 | 1.980329 |
| #2 | .7926599 | 2.010832 | .9714277 | 2.086098 | .8485934 | 1.968056 |
| #3 | .8062821 | 2.020823 | .9661604 | 2.082717 | .8456681 | 1.970382 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1902051</b> | <b>.1868020</b> | <b>.1923306</b> | <b>.9805798</b> | <b>.4008527</b> | <b>.1958565</b> |
| Stddev | .0026631        | .0003759        | .0003835        | .0041208        | .0005411        | .0007956        |
| %RSD   | 1.400121        | .2012458        | .1993975        | .4202379        | .1349787        | .4062392        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1880147 | .1864100 | .1919160 | .9810010 | .4005729 | .1951964 |
| #2 | .1894312 | .1868367 | .1924035 | .9844738 | .4005089 | .1956332 |
| #3 | .1931694 | .1871594 | .1926725 | .9762646 | .4014764 | .1967399 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3180200</b> | <b>3.312496</b> | <b>.2038997</b> | <b>1.972537</b> | <b>.4948489</b> | <b>.0755209</b> |
| Stddev | .0005430        | .011677         | .0008446        | .019411         | .0010643        | .0005836        |
| %RSD   | .1707501        | .3525262        | .4142169        | .9840553        | .2150732        | .7727451        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3175247 | 3.319644 | .2029335 | 1.950418 | .4939853 | .0748986 |
| #2 | .3179346 | 3.299020 | .2042680 | 1.980460 | .4945233 | .0756081 |
| #3 | .3186007 | 3.318823 | .2044977 | 1.986734 | .4960379 | .0760559 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.157311</b> | <b>.3070662</b> | <b>.2123431</b> | <b>10.33826</b> | <b>.2710411</b> | <b>.4185950</b> |
| Stddev | .010207         | .0024042        | .0012420        | .06950          | .0010699        | .0009641        |
| %RSD   | .3232922        | .7829565        | .5849139        | .6722945        | .3947299        | .2303245        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.145528 | .3050160 | .2109256 | 10.41588 | .2698302 | .4177704 |
| #2 | 3.163452 | .3097123 | .2132404 | 10.31708 | .2714346 | .4183596 |
| #3 | 3.162954 | .3064703 | .2128634 | 10.28180 | .2718585 | .4196551 |

Sample Name: PB151047BS      Acquired: 2/27/2023 15:59:27      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: PB151047BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.7021934</b> | <b>.2078163</b> | <b>1.016055</b> | <b>5.958276</b> | <b>F -.007277</b> | <b>.2031279</b> |
| Stddev | .0009512        | .0009730        | .011681         | .024028         | .002858           | .0013739        |
| %RSD   | .1354542        | .4682157        | 1.149623        | .4032682        | 39.28039          | .6763610        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7013801</b> | <b>.2089002</b> | <b>1.006196</b> | <b>5.974845</b> | <b>-.005357</b> | <b>.2017593</b> |
| #2 | <b>.7032393</b> | <b>.2070181</b> | <b>1.013012</b> | <b>5.930719</b> | <b>-.010562</b> | <b>.2031173</b> |
| #3 | <b>.7019609</b> | <b>.2075306</b> | <b>1.028955</b> | <b>5.969264</b> | <b>-.005912</b> | <b>.2045070</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2089589</b> |
| Stddev | .0009787        |
| %RSD   | .4683661        |

|    |                 |
|----|-----------------|
| #1 | <b>.2078560</b> |
| #2 | <b>.2097239</b> |
| #3 | <b>.2092968</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7405.378</b> | <b>90922.84</b> | <b>16488.93</b> | <b>5238.866</b> | <b>8000.714</b> |
| Stddev    | 17.993          | 142.38          | 51.95           | 11.991          | 17.338          |
| %RSD      | .2429787        | .1565895        | .3150413        | .2288873        | .2167050        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7422.449</b> | <b>91054.93</b> | <b>16547.93</b> | <b>5249.567</b> | <b>8015.547</b> |
| #2 | <b>7407.097</b> | <b>90941.55</b> | <b>16468.79</b> | <b>5225.906</b> | <b>8004.942</b> |
| #3 | <b>7386.586</b> | <b>90772.03</b> | <b>16450.07</b> | <b>5241.124</b> | <b>7981.653</b> |

Sample Name: O1665-01      Acquired: 2/27/2023 16:03:09      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: VNJ-231      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0271540</b> | <b>-.007556</b> | <b>.6816852</b> | <b>.0146572</b> | <b>.0035828</b> | <b>75.70025</b> |
| Stddev | .0026548        | .001876         | .0013995        | .0025555        | .0016579        | .34418          |
| %RSD   | 9.776644        | 24.83316        | .2052984        | 17.43512        | 46.27209        | .4546618        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0270910 | -.006372 | .6803750 | .0144168 | .0022556 | 75.36253 |
| #2 | .0298397 | -.006578 | .6815210 | .0122303 | .0054412 | 75.68767 |
| #3 | .0245313 | -.009720 | .6831595 | .0173244 | .0030518 | 76.05055 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4738424</b> | <b>.0049681</b> | <b>-.003505</b> | <b>19.60075</b> | <b>.1506617</b> | <b>.0695691</b> |
| Stddev | .0016681        | .0000480        | .000054         | .08320          | .0006236        | .0002565        |
| %RSD   | .3520290        | .9661170        | 1.527203        | .4244794        | .4138829        | .3687705        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4719310 | .0050073 | -.003561 | 19.51429 | .1509565 | .0698548 |
| #2 | .4745923 | .0049145 | -.003454 | 19.60770 | .1499454 | .0694939 |
| #3 | .4750038 | .0049825 | -.003501 | 19.68026 | .1510833 | .0693585 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2569474</b> | <b>181.6015</b> | <b>3.609513</b> | <b>21.07660</b> | <b>.1351933</b> | <b>-.004504</b> |
| Stddev | .0011635        | .6444           | .009851         | .04295          | .0006685        | .000062         |
| %RSD   | .4528339        | .3548652        | .2729118        | .2037959        | .4945079        | 1.375140        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2580230 | 181.1351 | 3.599880 | 21.04297 | .1359170 | -.004497 |
| #2 | .2571068 | 181.3325 | 3.609092 | 21.06184 | .1350643 | -.004569 |
| #3 | .2557123 | 182.3368 | 3.619568 | 21.12498 | .1345987 | -.004446 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.982832</b> | <b>.2106817</b> | <b>.6728162</b> | <b>6.666807</b> | <b>.1676417</b> | <b>.0009908</b> |
| Stddev | .014941         | .0012526        | .0012173        | .027790         | .0011430        | .0000487        |
| %RSD   | .2998422        | .5945665        | .1809237        | .4168345        | .6818038        | 4.911549        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.967984 | .2115772 | .6741309 | 6.688540 | .1684045 | .0009380 |
| #2 | 4.982650 | .2112176 | .6717283 | 6.676386 | .1663276 | .0010007 |
| #3 | 4.997863 | .2092503 | .6725894 | 6.635495 | .1681931 | .0010338 |

Sample Name: O1665-01      Acquired: 2/27/2023 16:03:09      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: VNJ-231      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0244811 | 2.102845 | F 10.45595 | 6.633596 | 1.165805 | .0800308 |
| Stddev | .0005277 | .007679  | .01909     | .037585  | .009348  | .0011640 |
| %RSD   | 2.155488 | .3651915 | .1826118   | .5665837 | .8018449 | 1.454438 |
| #1     | .0243306 | 2.094117 | 10.43633   | 6.615253 | 1.155339 | .0786879 |
| #2     | .0250677 | 2.105854 | 10.45706   | 6.608704 | 1.168753 | .0807492 |
| #3     | .0240450 | 2.108565 | 10.47447   | 6.676830 | 1.173324 | .0806554 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0939736 |
| Stddev | .0003398 |
| %RSD   | .3616180 |
| #1     | .0937197 |
| #2     | .0938413 |
| #3     | .0943596 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7896.640 | 95707.05 | 18180.31 | 5578.075 | 7423.053 |
| Stddev    | 14.605   | 307.56   | 36.21    | 10.808   | 9.069    |
| %RSD      | .1849559 | .3213592 | .1991928 | .1937595 | .1221745 |
| #1        | 7896.514 | 95400.25 | 18140.58 | 5568.154 | 7428.025 |
| #2        | 7882.098 | 96015.37 | 18211.47 | 5589.592 | 7412.585 |
| #3        | 7911.308 | 95705.54 | 18188.88 | 5576.479 | 7428.549 |



Sample Name: O1669-01      Acquired: 2/27/2023 16:06:55      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: NB-08-022323 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1690142</b> | <b>-.027484</b> | <b>.1590013</b> | <b>.0431845</b> | <b>.0056550</b> | <b>53.33556</b> |
| Stddev | .0030203        | .001888         | .0009278        | .0029316        | .0005751        | .12858          |
| %RSD   | 1.786994        | 6.870228        | .5835423        | 6.788649        | 10.16958        | .2410861        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1659787 | -.029560 | .1586068 | .0441394 | .0053685 | 53.19506 |
| #2 | .1720190 | -.025869 | .1600613 | .0398944 | .0052795 | 53.44739 |
| #3 | .1690450 | -.027024 | .1583360 | .0455196 | .0063171 | 53.36422 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2283858</b> | <b>.0059362</b> | <b>-.012574</b> | <b>234.1185</b> | <b>.4575521</b> | <b>.0493755</b> |
| Stddev | .0009721        | .0000701        | .000056         | .6732           | .0013972        | .0001578        |
| %RSD   | .4256311        | 1.181491        | .4447583        | .2875539        | .3053731        | .3196272        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2274564 | .0059992 | -.012509 | 233.3431 | .4583090 | .0494343 |
| #2 | .2293956 | .0058607 | -.012612 | 234.4581 | .4559397 | .0491967 |
| #3 | .2283053 | .0059489 | -.012600 | 234.5543 | .4584076 | .0494954 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0929513</b> | <b>439.4015</b> | <b>1.070237</b> | <b>137.9204</b> | <b>.0905374</b> | <b>-.009560</b> |
| Stddev | .0018194        | .3337           | .000401         | .1324           | .0003083        | .000659         |
| %RSD   | 1.957318        | .0759401        | .0374634        | .0959967        | .3405778        | 6.890452        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0945114 | 439.5343 | 1.070525 | 137.7946 | .0904269 | -.010259 |
| #2 | .0909528 | 439.0219 | 1.070407 | 137.9080 | .0902995 | -.009469 |
| #3 | .0933896 | 439.6484 | 1.069779 | 138.0586 | .0908858 | -.008952 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.149719</b> | <b>.6345788</b> | <b>.4014443</b> | <b>11.39855</b> | <b>.4169827</b> | <b>.0012931</b> |
| Stddev | .008272         | .0006062        | .0023353        | .00432          | .0008101        | .0001359        |
| %RSD   | .7194508        | .0955234        | .5817116        | .0378780        | .1942819        | 10.50928        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.143743 | .6339804 | .4038145 | 11.39382 | .4177593 | .0012786 |
| #2 | 1.159160 | .6345637 | .3991457 | 11.39957 | .4170461 | .0011650 |
| #3 | 1.146255 | .6351925 | .4013727 | 11.40227 | .4161428 | .0014356 |

Sample Name: O1669-01      Acquired: 2/27/2023 16:06:55      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: NB-08-022323 Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0086613 | 1.194676 | 8.580179 | 4.358562 | F 15.37689 | .0890090 |
| Stddev | .0004284 | .003511  | .041575  | .007326  | .01048     | .0034372 |
| %RSD   | 4.945654 | .2938805 | .4845519 | .1680808 | .0681539   | 3.861616 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0086937 | 1.193282 | 8.623039 | 4.366064 | 15.37129 | .0860231 |
| #2 | .0082176 | 1.198670 | 8.577478 | 4.351426 | 15.37039 | .0927664 |
| #3 | .0090725 | 1.192077 | 8.540020 | 4.358195 | 15.38898 | .0882376 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1948591 |
| Stddev | .0003278 |
| %RSD   | .1682329 |

|    |          |
|----|----------|
| #1 | .1946758 |
| #2 | .1952376 |
| #3 | .1946640 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7104.410 | 87250.90 | 16968.36 | 5031.308 | 6761.178 |
| Stddev    | 13.165   | 347.46   | 47.85    | 28.804   | 5.140    |
| %RSD      | .1853053 | .3982332 | .2819933 | .5724858 | .0760169 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7093.910 | 87092.60 | 16960.04 | 5009.814 | 6755.558 |
| #2 | 7100.140 | 87649.32 | 17019.82 | 5064.035 | 6762.335 |
| #3 | 7119.180 | 87010.77 | 16925.21 | 5020.075 | 6765.640 |

Sample Name: O1671-01      Acquired: 2/27/2023 16:10:41      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1533734</b> | <b>-.013742</b> | <b>.2151240</b> | <b>.0292049</b> | <b>.0019679</b> | <b>135.1596</b> |
| Stddev | .0026411        | .001499         | .0018062        | .0000376        | .0008979        | .2384           |
| %RSD   | 1.721986        | 10.90903        | .8396198        | .1286496        | 45.62628        | .1763969        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1543177 | -.013352 | .2166131 | .0291864 | .0014372 | 134.8845 |
| #2 | .1554124 | -.012476 | .2156442 | .0292481 | .0030045 | 135.2877 |
| #3 | .1503899 | -.015398 | .2131148 | .0291801 | .0014619 | 135.3065 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4641634</b> | <b>.0078048</b> | <b>-.007532</b> | <b>15.66053</b> | <b>.3141829</b> | <b>.0541310</b> |
| Stddev | .0018209        | .0000475        | .000048         | .02917          | .0011564        | .0004643        |
| %RSD   | .3923062        | .6083135        | .6363470        | .1862425        | .3680537        | .8576868        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4641108 | .0077516 | -.007549 | 15.69321 | .3147276 | .0545373 |
| #2 | .4623693 | .0078431 | -.007477 | 15.63714 | .3128548 | .0542307 |
| #3 | .4660101 | .0078196 | -.007568 | 15.65124 | .3149664 | .0536250 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1790775</b> | <b>284.5028</b> | <b>1.638419</b> | <b>15.91251</b> | <b>.1010528</b> | <b>-.005071</b> |
| Stddev | .0019353        | 1.7596          | .012695         | .05685          | .0006007        | .000211         |
| %RSD   | 1.080723        | .6184725        | .7748231        | .3572824        | .5944735        | 4.167455        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1813049 | 286.2315 | 1.624607 | 15.84712 | .1017458 | -.004856 |
| #2 | .1781202 | 282.7139 | 1.649577 | 15.95026 | .1007320 | -.005077 |
| #3 | .1778073 | 284.5629 | 1.641074 | 15.94014 | .1006805 | -.005279 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7246730</b> | <b>.4069681</b> | <b>.4084854</b> | <b>11.55740</b> | <b>.2787960</b> | <b>.0035829</b> |
| Stddev | .0072919        | .0015688        | .0026675        | .03192          | .0038548        | .0001615        |
| %RSD   | 1.006238        | .3854790        | .6530172        | .2762094        | 1.382664        | 4.506382        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7273187 | .4062058 | .4093448 | 11.58110 | .2817093 | .0037208 |
| #2 | .7164275 | .4059262 | .4054942 | 11.52110 | .2744249 | .0034053 |
| #3 | .7302727 | .4087724 | .4106172 | 11.56999 | .2802538 | .0036225 |

Sample Name: O1671-01      Acquired: 2/27/2023 16:10:41      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0143171 | 1.677572 | F 13.51679 | 8.969428 | 1.565364 | .0847375 |
| Stddev | .0001843 | .006971  | .09114     | .058927  | .019429  | .0006761 |
| %RSD   | 1.287094 | .4155564 | .6742585   | .6569786 | 1.241185 | .7978374 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0141244 | 1.685607 | 13.60326 | 9.037255 | 1.586114 | .0849920 |
| #2 | .0144916 | 1.673137 | 13.42161 | 8.940207 | 1.562375 | .0839711 |
| #3 | .0143352 | 1.673972 | 13.52548 | 8.930821 | 1.547602 | .0852493 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0892601 |
| Stddev | .0006602 |
| %RSD   | .7396249 |

|    |          |
|----|----------|
| #1 | .0885108 |
| #2 | .0897562 |
| #3 | .0895134 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7839.992 | 94460.25 | 18132.80 | 5533.213 | 7263.964 |
| Stddev    | 36.542   | 209.07   | 97.12    | 13.786   | 43.775   |
| %RSD      | .4660915 | .2213286 | .5356314 | .2491490 | .6026288 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7799.294 | 94387.24 | 18242.03 | 5522.944 | 7213.610 |
| #2 | 7850.696 | 94696.03 | 18056.16 | 5548.881 | 7285.324 |
| #3 | 7869.987 | 94297.47 | 18100.22 | 5527.813 | 7292.958 |

Sample Name: O1671-01DUP      Acquired: 2/27/2023 16:14:28      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1497366</b> | <b>-.014317</b> | <b>.2166526</b> | <b>.0320576</b> | <b>.0035510</b> | <b>136.0501</b> |
| Stddev | .0033132        | .001794         | .0033542        | .0018078        | .0009668        | .7108           |
| %RSD   | 2.212696        | 12.52996        | 1.548175        | 5.639179        | 27.22760        | .5224867        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1467114 | -.014648 | .2144311 | .0330577 | .0028489 | 135.2368 |
| #2 | .1492212 | -.015923 | .2150158 | .0299707 | .0046537 | 136.3612 |
| #3 | .1532774 | -.012381 | .2205109 | .0331444 | .0031502 | 136.5523 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4637193</b> | <b>.0077612</b> | <b>-.007179</b> | <b>15.97622</b> | <b>.3173477</b> | <b>.0544680</b> |
| Stddev | .0029586        | .0000457        | .000100         | .05241          | .0004537        | .0002352        |
| %RSD   | .6380224        | .5886401        | 1.390023        | .3280327        | .1429593        | .4317265        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4604043 | .0077120 | -.007067 | 15.92905 | .3178479 | .0547294 |
| #2 | .4660921 | .0078022 | -.007211 | 15.96697 | .3169628 | .0542739 |
| #3 | .4646616 | .0077695 | -.007259 | 16.03264 | .3172325 | .0544005 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1726900</b> | <b>287.3831</b> | <b>1.638195</b> | <b>15.95301</b> | <b>.1009102</b> | <b>-.004704</b> |
| Stddev | .0018454        | 1.4892          | .012731         | .07712          | .0001921        | .000262         |
| %RSD   | 1.068627        | .5182040        | .7771089        | .4834247        | .1903469        | 5.571805        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1747129 | 286.9076 | 1.623640 | 15.86429 | .1009335 | -.004590 |
| #2 | .1710985 | 286.1896 | 1.643686 | 15.99077 | .1007075 | -.005004 |
| #3 | .1722585 | 289.0519 | 1.647258 | 16.00398 | .1010896 | -.004518 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7353817</b> | <b>.4100596</b> | <b>.4135223</b> | <b>11.68871</b> | <b>.2785802</b> | <b>.0034903</b> |
| Stddev | .0057677        | .0026735        | .0017969        | .06290          | .0030445        | .0002424        |
| %RSD   | .7843076        | .6519669        | .4345294        | .5381207        | 1.092852        | 6.943919        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7341702 | .4083454 | .4152502 | 11.62946 | .2795862 | .0034214 |
| #2 | .7416588 | .4131401 | .4116636 | 11.68196 | .2751600 | .0037596 |
| #3 | .7303160 | .4086933 | .4136532 | 11.75471 | .2809943 | .0032899 |

Sample Name: O1671-01DUP      Acquired: 2/27/2023 16:14:28      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0149637 | 1.683954 | F 13.83479 | 9.009799 | 1.574526 | .0846826 |
| Stddev | .0003154 | .006399  | .12607     | .037782  | .004291  | .0016305 |
| %RSD   | 2.107587 | .3799949 | .9112186   | .4193397 | .2725012 | 1.925374 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0146070 | 1.676627 | 13.82115 | 9.048858 | 1.574977 | .0840572 |
| #2 | .0152055 | 1.686787 | 13.71609 | 8.973440 | 1.570027 | .0865331 |
| #3 | .0150787 | 1.688447 | 13.96711 | 9.007099 | 1.578573 | .0834573 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0893016 |
| Stddev | .0006741 |
| %RSD   | .7548031 |

|    |          |
|----|----------|
| #1 | .0885380 |
| #2 | .0895530 |
| #3 | .0898139 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7853.194 | 93547.23 | 18162.55 | 5488.020 | 7250.728 |
| Stddev    | 22.232   | 301.25   | 38.65    | 21.996   | 25.979   |
| %RSD      | .2830978 | .3220270 | .2127988 | .4008014 | .3582925 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7828.885 | 93402.23 | 18207.07 | 5464.181 | 7225.259 |
| #2 | 7872.494 | 93893.56 | 18137.58 | 5507.530 | 7277.188 |
| #3 | 7858.204 | 93345.91 | 18143.01 | 5492.350 | 7249.737 |

Sample Name: O1671-01LX5      Acquired: 2/27/2023 16:18:15      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .0306674 | -.003808 | .0397111 | .0044434 | -.001891 | 28.23490 | .0913911 |
| Stddev | .0020539 | .000889  | .0014918 | .0031529 | .001214  | .07852   | .0012644 |
| %RSD   | 6.697396 | 23.35523 | 3.756740 | 70.95720 | 64.19891 | .2780786 | 1.383476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0284153 | -.004366 | .0411007 | .0079270 | -.003161 | 28.16104 | .0907386 |
| #2 | .0311497 | -.004274 | .0398980 | .0017857 | -.000742 | 28.22630 | .0928484 |
| #3 | .0324373 | -.002782 | .0381346 | .0036173 | -.001771 | 28.31736 | .0905862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015620 | -.001762 | 3.380638 | .0655648 | .0100451 | .0372963 | 57.41867 |
| Stddev | .0000248 | .000025  | .010674  | .0001930 | .0002631 | .0009253 | .37054   |
| %RSD   | 1.585170 | 1.439734 | .3157395 | .2942966 | 2.619378 | 2.480949 | .6453373 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015890 | -.001773 | 3.387840 | .0653905 | .0100773 | .0374104 | 57.81832 |
| #2 | .0015566 | -.001733 | 3.385699 | .0657722 | .0102906 | .0381593 | 57.35120 |
| #3 | .0015404 | -.001779 | 3.368375 | .0655318 | .0097674 | .0363193 | 57.08650 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3442994 | 3.377472 | .0188768 | -.000907 | .0695648 | .0874291 | .0858037 |
| Stddev | .0026654 | .055204  | .0002793 | .000478  | .0057185 | .0007520 | .0001102 |
| %RSD   | .7741455 | 1.634482 | 1.479443 | 52.74295 | 8.220429 | .8600971 | .1284674 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3413234 | 3.321024 | .0191971 | -.000766 | .0752307 | .0877681 | .0859218 |
| #2 | .3464670 | 3.380051 | .0187491 | -.000515 | .0637951 | .0865673 | .0857035 |
| #3 | .3451079 | 3.431342 | .0186842 | -.001440 | .0696686 | .0879519 | .0857860 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.076646 | .0454770 | -.000026 | .0020245 | .3470154 | 2.746951 | 1.632061 |
| Stddev | .058478  | .0006818 | .000133  | .0001758 | .0028781 | .037675  | .015974  |
| %RSD   | 2.815989 | 1.499200 | 508.3916 | 8.685943 | .8293782 | 1.371530 | .9787738 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.144163 | .0449013 | .000071  | .0019698 | .3459966 | 2.789742 | 1.643290 |
| #2 | 2.043772 | .0462299 | -.000178 | .0018825 | .3447853 | 2.718764 | 1.639120 |
| #3 | 2.042003 | .0452998 | .000028  | .0022212 | .3502643 | 2.732347 | 1.613774 |

Sample Name: O1671-01LX5      Acquired: 2/27/2023 16:18:15      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2828880</b> | <b>.0247203</b> | <b>.0186470</b> |
| Stddev | .0051733        | .0018752        | .0000675        |
| %RSD   | 1.828760        | 7.585773        | .3618812        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2850770</b> | <b>.0252428</b> | <b>.0186231</b> |
| #2 | <b>.2866070</b> | <b>.0262789</b> | <b>.0185948</b> |
| #3 | <b>.2769800</b> | <b>.0226393</b> | <b>.0187232</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7593.416</b> | <b>91000.45</b> | <b>17023.04</b> | <b>5252.934</b> | <b>7887.368</b> |
| Stddev    | 52.244          | 385.63          | 77.74           | 13.885          | 55.175          |
| %RSD      | .6880153        | .4237659        | .4566712        | .2643190        | .6995324        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7564.138 | 90599.14 | 17108.01 | 5237.937 | 7846.390 |
| #2 | 7562.376 | 91034.00 | 17005.64 | 5265.341 | 7865.609 |
| #3 | 7653.733 | 91368.21 | 16955.48 | 5255.525 | 7950.104 |



Sample Name: O1671-01MS      Acquired: 2/27/2023 16:22:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8648337</b> | <b>1.904102</b> | <b>1.173408</b> | <b>1.842193</b> | <b>.6050727</b> | <b>142.7960</b> |
| Stddev | .0010208        | .000984         | .001583         | .010815         | .0035609        | .6095           |
| %RSD   | .1180322        | .0516673        | .1348955        | .5870630        | .5885103        | .4268274        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8645221 | 1.904107 | 1.173872 | 1.850515 | .6091098 | 142.1028 |
| #2 | .8659740 | 1.905083 | 1.174706 | 1.846095 | .6037300 | 143.0376 |
| #3 | .8640051 | 1.903116 | 1.171645 | 1.829969 | .6023783 | 143.2477 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6534954</b> | <b>.1680829</b> | <b>.1883736</b> | <b>18.44790</b> | <b>.6900135</b> | <b>.2604805</b> |
| Stddev | .0016645        | .0007623        | .0004272        | .06989          | .0040392        | .0008600        |
| %RSD   | .2547001        | .4535455        | .2267894        | .3788647        | .5853739        | .3301565        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6515788 | .1675005 | .1886628 | 18.36768 | .6880062 | .2609889 |
| #2 | .6543301 | .1689458 | .1885750 | 18.48036 | .6946631 | .2609650 |
| #3 | .6545775 | .1678025 | .1878829 | 18.49566 | .6873713 | .2594876 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9764517</b> | <b>298.4083</b> | <b>1.926291</b> | <b>21.44836</b> | <b>.5969130</b> | <b>.0642177</b> |
| Stddev | .0030984        | 1.2665          | .007403         | .12221          | .0018233        | .0001849        |
| %RSD   | .3173150        | .4244101        | .3843125        | .5697815        | .3054571        | .2879035        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9776561 | 296.9651 | 1.919130 | 21.30813 | .5967865 | .0640159 |
| #2 | .9787672 | 299.3341 | 1.925829 | 21.50480 | .5987962 | .0643790 |
| #3 | .9729320 | 298.9258 | 1.933915 | 21.53215 | .5951562 | .0642580 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.796730</b> | <b>.7260831</b> | <b>.6531185</b> | <b>24.24957</b> | <b>.5105819</b> | <b>.3463743</b> |
| Stddev | .024519         | .0046613        | .0041735        | .06286          | .0035618        | .0004448        |
| %RSD   | .6458050        | .6419832        | .6390087        | .2592133        | .6975942        | .1284139        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.771068 | .7210866 | .6507126 | 24.25451 | .5086251 | .3468362 |
| #2 | 3.819920 | .7303146 | .6579376 | 24.30981 | .5146931 | .3463378 |
| #3 | 3.799203 | .7268482 | .6507051 | 24.18439 | .5084274 | .3459488 |

Sample Name: O1671-01MS      Acquired: 2/27/2023 16:22:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                   |                 |                 |
|--------|-----------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm               | ppm             | ppm             |
| Avg    | <b>.6867020</b> | <b>2.117285</b> | <b>F 18.88633</b> | <b>F 15.08627</b> | <b>1.526621</b> | <b>.2706695</b> |
| Stddev | .0004140        | .017019         | .03749            | .10082            | .002776         | .0020374        |
| %RSD   | .0602828        | .8037947        | .1984989          | .6682984          | .1818149        | .7527141        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6870430 | 2.098523 | 18.88391 | 15.17818 | 1.529688 | .2701377 |
| #2 | .6862415 | 2.121603 | 18.92497 | 15.10220 | 1.525894 | .2689508 |
| #3 | .6868217 | 2.131728 | 18.85011 | 14.97844 | 1.524281 | .2729201 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2829651</b> |
| Stddev | .0018503        |
| %RSD   | .6539027        |

|    |          |
|----|----------|
| #1 | .2809060 |
| #2 | .2835011 |
| #3 | .2844883 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7854.780</b> | <b>95287.14</b> | <b>18145.14</b> | <b>5493.354</b> | <b>7180.800</b> |
| Stddev    | 30.070          | 370.78          | 49.58           | 38.360          | 32.803          |
| %RSD      | .3828270        | .3891134        | .2732669        | .6982948        | .4568091        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7874.660 | 95381.93 | 18182.34 | 5502.534 | 7208.506 |
| #2 | 7869.494 | 94878.17 | 18088.84 | 5451.238 | 7189.314 |
| #3 | 7820.186 | 95601.32 | 18164.23 | 5526.292 | 7144.579 |

Sample Name: O1671-01MSD      Acquired: 2/27/2023 16:25:52      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8488434</b> | <b>1.871675</b> | <b>1.155436</b> | <b>1.812632</b> | <b>.5959828</b> | <b>140.6148</b> |
| Stddev | .0033274        | .001171         | .001411         | .003017         | .0020806        | .3684           |
| %RSD   | .3919878        | .0625871        | .1221523        | .1664490        | .3491114        | .2619594        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8451053 | 1.870332 | 1.156311 | 1.809229 | .5974523 | 140.1982 |
| #2 | .8499435 | 1.872483 | 1.156189 | 1.813692 | .5968940 | 140.8975 |
| #3 | .8514814 | 1.872211 | 1.153808 | 1.814977 | .5936020 | 140.7486 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6368934</b> | <b>.1655072</b> | <b>.1851462</b> | <b>18.46741</b> | <b>.6806117</b> | <b>.2553232</b> |
| Stddev | .0016173        | .0005107        | .0007575        | .04898          | .0010480        | .0007718        |
| %RSD   | .2539311        | .3085848        | .4091292        | .2652418        | .1539819        | .3022838        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6354804 | .1657358 | .1856700 | 18.43126 | .6796144 | .2561710 |
| #2 | .6386573 | .1649220 | .1854910 | 18.52316 | .6817040 | .2551374 |
| #3 | .6365424 | .1658636 | .1842777 | 18.44781 | .6805168 | .2546613 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.045189</b> | <b>297.9102</b> | <b>1.896827</b> | <b>21.70125</b> | <b>.5870846</b> | <b>.0639591</b> |
| Stddev | .004378         | 1.4191          | .007285         | .06168          | .0013501        | .0003222        |
| %RSD   | .4188678        | .4763466        | .3840867        | .2842020        | .2299648        | .5038059        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.042260 | 296.7457 | 1.888908 | 21.64689 | .5870577 | .0639383 |
| #2 | 1.050221 | 299.4908 | 1.898328 | 21.68860 | .5884480 | .0642912 |
| #3 | 1.043084 | 297.4941 | 1.903245 | 21.76827 | .5857482 | .0636478 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.770324</b> | <b>.7187654</b> | <b>.6465711</b> | <b>24.76756</b> | <b>.5087794</b> | <b>.3409433</b> |
| Stddev | .020803         | .0025711        | .0020871        | .09660          | .0007721        | .0004631        |
| %RSD   | .5517685        | .3577041        | .3228000        | .3900080        | .1517561        | .1358179        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.761419 | .7170273 | .6489808 | 24.67554 | .5078910 | .3404655 |
| #2 | 3.794098 | .7175501 | .6454034 | 24.86816 | .5092888 | .3413900 |
| #3 | 3.755456 | .7217188 | .6453292 | 24.75899 | .5091583 | .3409743 |

Sample Name: O1671-01MSD      Acquired: 2/27/2023 16:25:52      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T5-1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .6755501 | 2.093284 | F 18.52780 | F 14.78123 | 1.512567 | .2648201 |
| Stddev | .0015555 | .010234  | .11902     | .07125     | .002154  | .0002123 |
| %RSD   | .2302528 | .4888884 | .6424010   | .4820279   | .1424284 | .0801814 |
| #1     | .6759875 | 2.084021 | 18.42475   | 14.85312   | 1.514676 | .2647785 |
| #2     | .6768401 | 2.104270 | 18.65807   | 14.77992   | 1.512655 | .2650501 |
| #3     | .6738228 | 2.091561 | 18.50057   | 14.71064   | 1.510370 | .2646316 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2765958 |
| Stddev | .0008062 |
| %RSD   | .2914795 |
| #1     | .2757378 |
| #2     | .2767118 |
| #3     | .2773377 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 8014.384 | 94946.48 | 18455.21 | 5540.000 | 7313.430 |
| Stddev    | 8.283    | 310.19   | 22.52    | 22.334   | 17.658   |
| %RSD      | .1033456 | .3267025 | .1219997 | .4031445 | .2414435 |
| #1        | 8005.822 | 94969.08 | 18435.35 | 5521.734 | 7295.452 |
| #2        | 8014.976 | 94625.61 | 18450.61 | 5533.367 | 7314.088 |
| #3        | 8022.355 | 95244.76 | 18479.67 | 5564.900 | 7330.749 |

Sample Name: CCV03      Acquired: 2/27/2023 16:29:32      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20099      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.907560 | 4.964786 | 4.782989 | 4.971652 | 4.958080 | 9.712861 |
| Stddev | .006725  | .018319  | .017343  | .013406  | .014784  | .029945  |
| %RSD   | .1370261 | .3689780 | .3625964 | .2696495 | .2981767 | .3083067 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.901556 | 4.943779 | 4.763282 | 4.957926 | 4.944837 | 9.679947 |
| #2 | 4.906297 | 4.973145 | 4.789756 | 4.972315 | 4.955372 | 9.720142 |
| #3 | 4.914826 | 4.977435 | 4.795928 | 4.984714 | 4.974030 | 9.738495 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.716467 | .2284868 | 2.427227 | 23.86336 | .9522815 | 2.417429 |
| Stddev | .043561  | .0008351 | .008826  | .12094   | .0021674 | .008110  |
| %RSD   | .4483192 | .3655032 | .3636054 | .5067833 | .2276029 | .3354629 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.669080 | .2277665 | 2.418329 | 23.72862 | .9526054 | 2.409812 |
| #2 | 9.754768 | .2282916 | 2.427374 | 23.96250 | .9542687 | 2.416520 |
| #3 | 9.725553 | .2294022 | 2.435978 | 23.89896 | .9499703 | 2.425954 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.208217 | 5.366038 | 2.392906 | 23.04993 | 2.388847 | 1.214297 |
| Stddev | .003076  | .025604  | .010133  | .18110   | .007120  | .001772  |
| %RSD   | .2546034 | .4771436 | .4234693 | .7856844 | .2980663 | .1459426 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.204767 | 5.381863 | 2.381421 | 22.84122 | 2.381528 | 1.213509 |
| #2 | 1.209213 | 5.379753 | 2.396710 | 23.16544 | 2.389262 | 1.216327 |
| #3 | 1.210673 | 5.336498 | 2.400586 | 23.14314 | 2.395751 | 1.213056 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 26.37064 | 2.407425 | 2.486964 | 25.72823 | F 4.304398 | 5.002625 |
| Stddev | .08168   | .013550  | .008345  | .07479   | .023807    | .015324  |
| %RSD   | .3097303 | .5628395 | .3355522 | .2906886 | .5530810   | .3063247 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.36274 | 2.391810 | 2.493088 | 25.75388 | 4.284082 | 4.988571 |
| #2 | 26.45598 | 2.416089 | 2.490346 | 25.78682 | 4.298519 | 5.000341 |
| #3 | 26.29320 | 2.414375 | 2.477459 | 25.64399 | 4.330594 | 5.018963 |

Sample Name: CCV03      Acquired: 2/27/2023 16:29:32      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV20099      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.875591</b> | <b>4.804468</b> | <b>5.382798</b> | <b>4.923957</b> | <b>5.051231</b> | <b>4.757506</b> |
| Stddev | .015976         | .021988         | .031043         | .026214         | .029956         | .021590         |
| %RSD   | .3276764        | .4576638        | .5767023        | .5323682        | .5930443        | .4538179        |
| #1     | 4.861076        | 4.780428        | 5.347899        | 4.894636        | 5.023327        | 4.732749        |
| #2     | 4.872990        | 4.823561        | 5.407332        | 4.932108        | 5.047480        | 4.772432        |
| #3     | 4.892708        | 4.809416        | 5.393163        | 4.945126        | 5.082886        | 4.767336        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.956345</b> |
| Stddev | .081660         |
| %RSD   | 1.647593        |
| #1     | 4.862106        |
| #2     | 5.006229        |
| #3     | 5.000701        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7390.788</b> | <b>88941.44</b> | <b>16904.19</b> | <b>5103.651</b> | <b>7523.557</b> |
| Stddev    | 14.364          | 158.65          | 83.47           | 19.054          | 21.039          |
| %RSD      | .1943493        | .1783768        | .4937686        | .3733425        | .2796374        |
| #1        | 7407.328        | 89056.49        | 16992.65        | 5100.430        | 7547.516        |
| #2        | 7381.441        | 88760.46        | 16893.11        | 5086.413        | 7515.060        |
| #3        | 7383.595        | 89007.39        | 16826.82        | 5124.111        | 7508.096        |

Sample Name: CCB03      Acquired: 2/27/2023 16:33:19      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB20099      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010354 | -.000735 | -.000084 | -.002289 | -.000368 | -.015899 | -.009616 |
| Stddev | .0003558 | .000100  | .000637  | .002566  | .000376  | .005624  | .003273  |
| %RSD   | 34.36129 | 13.57826 | 753.9646 | 112.0887 | 102.1755 | 35.37624 | 34.03610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006291 | -.000630 | -.000476 | -.002049 | -.000400 | -.017930 | -.009991 |
| #2 | .0011855 | -.000829 | .000650  | .000148  | -.000726 | -.009541 | -.012685 |
| #3 | .0012915 | -.000746 | -.000427 | -.004966 | .000023  | -.020225 | -.006171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | -.000011 | -.001288 | .0001899 | -.000186 | -.000198 | .0053725 |
| Stddev | .000018  | .000047  | .006347  | .0003131 | .000109  | .000352  | .0012779 |
| %RSD   | 36.67282 | 437.8707 | 492.8160 | 164.8315 | 58.44719 | 177.8533 | 23.78563 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000070 | .000039  | .003727  | .0005385 | -.000171 | -.000575 | .0062575 |
| #2 | -.000040 | -.000017 | -.008423 | -.000067 | -.000086 | -.000143 | .0039075 |
| #3 | -.000037 | -.000054 | .000833  | .000099  | -.000302 | .000124  | .0059526 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000269 | .0073687 | .0004759 | .0011000 | -.086753 | .0015686 | -.000039 |
| Stddev | .0001898 | .0101505 | .0001476 | .0000252 | .011894  | .0011292 | .000181  |
| %RSD   | 706.5406 | 137.7512 | 31.00690 | 2.292115 | 13.70985 | 71.99041 | 465.6556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000299 | .0153811 | .0005472 | .0010998 | -.073027 | .0027973 | -.000195 |
| #2 | .0002151 | .0107710 | .0003062 | .0010749 | -.093221 | .0005763 | .000160  |
| #3 | -.000164 | -.004046 | .0005742 | .0011253 | -.094012 | .0013321 | -.000081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.226531 | .0000521 | .0025812 | .0000117 | .0024790 | .0027232 | -.002636 |
| Stddev | .075953  | .0008027 | .0009005 | .0004553 | .0001268 | .0079533 | .001581  |
| %RSD   | 33.52860 | 1541.849 | 34.88691 | 3892.776 | 5.115852 | 292.0542 | 59.94928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.159734 | .0009301 | .0036086 | .0005349 | .0024002 | .0000364 | -.002818 |
| #2 | -.309147 | -.000130 | .0022061 | -.000205 | .0024115 | .0116720 | -.000973 |
| #3 | -.210710 | -.000644 | .0019289 | -.000295 | .0026253 | -.003539 | -.004118 |

Sample Name: CCB03      Acquired: 2/27/2023 16:33:19      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB20099      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002973</b> | <b>.0073271</b> | <b>.0001953</b> |
| Stddev | .003217         | .0010045        | .0002156        |
| %RSD   | 108.2327        | 13.70976        | 110.3828        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004858</b> | <b>.0082244</b> | <b>.0004371</b> |
| #2 | <b>-.004801</b> | <b>.0062419</b> | <b>.0001257</b> |
| #3 | <b>.000742</b>  | <b>.0075150</b> | <b>.0000231</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7514.663</b> | <b>92728.46</b> | <b>17315.18</b> | <b>5320.458</b> | <b>8042.944</b> |
| Stddev    | 74.654          | 263.40          | 76.74           | 5.571           | 79.516          |
| %RSD      | .9934407        | .2840583        | .4431778        | .1047012        | .9886430        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7573.731</b> | <b>93020.39</b> | <b>17389.19</b> | <b>5314.461</b> | <b>8108.312</b> |
| #2 | <b>7539.500</b> | <b>92508.57</b> | <b>17320.37</b> | <b>5325.471</b> | <b>8066.099</b> |
| #3 | <b>7430.756</b> | <b>92656.42</b> | <b>17235.98</b> | <b>5321.442</b> | <b>7954.420</b> |



Sample Name: O1671-01A      Acquired: 2/27/2023 16:37:22      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>.8638575</b> | <b>1.986909</b> | <b>1.192860</b> | <b>1.879479</b> | <b>.7282149</b> | <b>133.2704</b> |
| Stddev | .0072603        | .013024         | .008215         | .010373         | .0059604        | .3938           |
| %RSD   | .8404542        | .6555107        | .6886490        | .5518871        | .8185008        | .2954851        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8555045 | 1.973643 | 1.183996 | 1.869032 | .7215620 | 132.8283 |
| #2 | .8686530 | 1.987406 | 1.194369 | 1.879631 | .7300145 | 133.3995 |
| #3 | .8674150 | 1.999678 | 1.200216 | 1.889775 | .7330682 | 133.5835 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6131366</b> | <b>.1691556</b> | <b>.1938962</b> | <b>16.63120</b> | <b>.6655684</b> | <b>.2555846</b> |
| Stddev | .0017362        | .0009990        | .0017097        | .07282          | .0018607        | .0017351        |
| %RSD   | .2831659        | .5906065        | .8817729        | .4378784        | .2795637        | .6788902        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6115396 | .1691265 | .1922484 | 16.54731 | .6635624 | .2539766 |
| #2 | .6128856 | .1701688 | .1937785 | 16.66818 | .6659048 | .2553536 |
| #3 | .6149847 | .1681714 | .1956618 | 16.67812 | .6672379 | .2574237 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4289116</b> | <b>278.3586</b> | <b>1.729057</b> | <b>16.96571</b> | <b>.5946350</b> | <b>.0674820</b> |
| Stddev | .0034452        | 1.8145          | .005965         | .03880          | .0040630        | .0009572        |
| %RSD   | .8032507        | .6518654        | .3449802        | .2287254        | .6832718        | 1.418371        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4252526 | 277.3549 | 1.724810 | 16.92139 | .5909147 | .0666649 |
| #2 | .4293888 | 277.2677 | 1.735877 | 16.98214 | .5940197 | .0672461 |
| #3 | .4320933 | 280.4532 | 1.726485 | 16.99360 | .5989705 | .0685350 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.795983</b> | <b>.6565688</b> | <b>.5890109</b> | <b>21.22552</b> | <b>.4986336</b> | <b>.3798043</b> |
| Stddev | .023002         | .0010525        | .0027612        | .20821          | .0023549        | .0026418        |
| %RSD   | .6059638        | .1603073        | .4687845        | .9809252        | .4722764        | .6955759        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.783186 | .6564394 | .5868733 | 21.02889 | .4981012 | .3769051 |
| #2 | 3.782224 | .6576801 | .5921284 | 21.20403 | .4965904 | .3804322 |
| #3 | 3.822538 | .6555870 | .5880310 | 21.44364 | .5012091 | .3820756 |

Sample Name: O1671-01A      Acquired: 2/27/2023 16:37:22      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .7270611 | 1.782401 | F 14.31092 | F 14.56801 | 1.523356 | .2597546 |
| Stddev | .0054875 | .004991  | .08599     | .08817     | .018534  | .0005341 |
| %RSD   | .7547476 | .2800062 | .6008828   | .6052637   | 1.216626 | .2056251 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7225728 | 1.779357 | 14.30842 | 14.48446 | 1.505676 | .2596728 |
| #2 | .7254317 | 1.779686 | 14.22621 | 14.55939 | 1.521755 | .2603249 |
| #3 | .7331787 | 1.788161 | 14.39814 | 14.66018 | 1.542639 | .2592661 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2698740 |
| Stddev | .0003869 |
| %RSD   | .1433456 |

|    |          |
|----|----------|
| #1 | .2694321 |
| #2 | .2701514 |
| #3 | .2700386 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 8023.755 | 94919.37 | 18579.85 | 5535.918 | 7356.137 |
| Stddev    | 31.036   | 287.59   | 45.94    | 15.993   | 28.346   |
| %RSD      | .3868063 | .3029791 | .2472492 | .2888985 | .3853383 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 8055.443 | 95042.81 | 18601.79 | 5544.237 | 7381.866 |
| #2 | 8022.408 | 95124.62 | 18527.05 | 5517.480 | 7360.794 |
| #3 | 7993.414 | 94590.67 | 18610.70 | 5546.036 | 7325.751 |

Sample Name: O1665-02      Acquired: 2/27/2023 16:41:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .0012533 | -.001147 | .0349432 | -.003179 | -.001775 | .1716408 | .1374003 |
| Stddev | .0018594 | .001239  | .0010643 | .001113  | .000364  | .0081412 | .0002514 |
| %RSD   | 148.3657 | 108.0358 | 3.045706 | 35.02428 | 20.52157 | 4.743153 | .1829592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000173 | -.000686 | .0343255 | -.003404 | -.002122 | .1653919 | .1376777 |
| #2 | .003356  | -.000204 | .0343320 | -.004162 | -.001807 | .1808473 | .1373355 |
| #3 | .000577  | -.002551 | .0361721 | -.001970 | -.001396 | .1686831 | .1371876 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001572 | .0006890 | 6.467646 | .0008730 | .0026420 | .0158006 | .1264546 |
| Stddev | .0000177 | .0000428 | .027020  | .0004735 | .0001395 | .0012368 | .0211341 |
| %RSD   | 11.28364 | 6.209461 | .4177722 | 54.23689 | 5.278089 | 7.827578 | 16.71283 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001420 | .0007146 | 6.437386 | .0003864 | .0028030 | .0148931 | .1507773 |
| #2 | .0001767 | .0006396 | 6.489357 | .0013322 | .0025646 | .0152993 | .1160120 |
| #3 | .0001528 | .0007128 | 6.476196 | .0009004 | .0025584 | .0172093 | .1125744 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6556486 | .6167096 | .0035561 | .0007783 | 401.5071 | .0006611 | .1016405 |
| Stddev | .0011769 | .0056652 | .0000949 | .0003999 | 4.1472   | .0024400 | .0007339 |
| %RSD   | .1795042 | .9186215 | 2.667131 | 51.37936 | 1.032919 | 369.0949 | .7220902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6569675 | .6176057 | .0035705 | .0004824 | 401.0688 | -.002096 | .1008165 |
| #2 | .6547052 | .6218733 | .0034549 | .0006192 | 397.5964 | .001538  | .1018812 |
| #3 | .6552732 | .6106497 | .0036429 | .0012332 | 405.8561 | .002541  | .1022239 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3980158 | .0124521 | -.000305 | -.000650 | .0036396 | .4835714 | .0091055 |
| Stddev | .0139944 | .0010920 | .000092  | .000485  | .0009459 | .0138920 | .0005328 |
| %RSD   | 3.516034 | 8.769857 | 30.23371 | 74.72270 | 25.98824 | 2.872788 | 5.851820 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3930606 | .0132225 | -.000411 | -.000089 | .0029563 | .4677660 | .0096168 |
| #2 | .3871732 | .0129315 | -.000247 | -.000913 | .0032434 | .4891017 | .0091463 |
| #3 | .4138135 | .0112024 | -.000256 | -.000947 | .0047191 | .4938466 | .0085535 |

Sample Name: O1665-02      Acquired: 2/27/2023 16:41:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2240001</b> | <b>.0081603</b> | <b>.0338034</b> |
| Stddev | .0018085        | .0016732        | .0000731        |
| %RSD   | .8073722        | 20.50420        | .2160999        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2257436</b> | <b>.0089093</b> | <b>.0338876</b> |
| #2 | <b>.2241237</b> | <b>.0062435</b> | <b>.0337652</b> |
| #3 | <b>.2221329</b> | <b>.0093282</b> | <b>.0337573</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7514.777</b> | <b>86169.48</b> | <b>17214.87</b> | <b>5101.072</b> | <b>7423.534</b> |
| Stddev    | 43.688          | 400.55          | 58.47           | 6.478           | 43.547          |
| %RSD      | .5813613        | .4648387        | .3396685        | .1269954        | .5866089        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7554.174 | 86299.52 | 17189.78 | 5108.029 | 7465.180 |
| #2 | 7522.365 | 86488.86 | 17281.71 | 5095.212 | 7427.115 |
| #3 | 7467.792 | 85720.07 | 17173.13 | 5099.976 | 7378.307 |

Sample Name: O1665-02DUP      Acquired: 2/27/2023 16:45:07      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .0002095 | -.001241 | .0348094 | -.002830 | -.002122 | .1575143 | .1355803 |
| Stddev | .0006997 | .001276  | .0009956 | .000631  | .001833  | .0049746 | .0003004 |
| %RSD   | 333.9610 | 102.8765 | 2.860182 | 22.30655 | 86.38514 | 3.158213 | .2215356 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001727 | -.002009 | .0351000 | -.002221 | -.002723 | .1605535 | .1354965 |
| #2 | -.000471 | .000233  | .0337008 | -.002789 | -.000064 | .1602161 | .1353307 |
| #3 | .000927  | -.001945 | .0356273 | -.003482 | -.003580 | .1517734 | .1359137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001271 | .0007018 | 6.451762 | .0011069 | .0025993 | .0169732 | .0779419 |
| Stddev | .0000086 | .0000317 | .044261  | .0003001 | .0002291 | .0004672 | .0041386 |
| %RSD   | 6.737910 | 4.516027 | .6860220 | 27.10983 | 8.811972 | 2.752716 | 5.309783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001174 | .0006963 | 6.403592 | .0014507 | .0023697 | .0167524 | .0825799 |
| #2 | .0001333 | .0007359 | 6.461056 | .0008974 | .0026005 | .0166573 | .0746257 |
| #3 | .0001307 | .0006733 | 6.490637 | .0009727 | .0028278 | .0175099 | .0766201 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6554294 | .6110922 | .0038412 | .0009357 | 402.0175 | .0014847 | .1006984 |
| Stddev | .0062188 | .0062063 | .0001867 | .0003274 | 1.8187   | .0020769 | .0006906 |
| %RSD   | .9488138 | 1.015613 | 4.861207 | 34.98424 | .4523982 | 139.8861 | .6858329 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6483354 | .6148604 | .0040552 | .0006943 | 401.1821 | -.000187 | .1008204 |
| #2 | .6580123 | .6039290 | .0037113 | .0013083 | 400.7665 | .000831  | .1013200 |
| #3 | .6599405 | .6144872 | .0037571 | .0008045 | 404.1038 | .003810  | .0999550 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4250686 | .0110130 | -.000447 | -.000276 | .0035685 | .4838816 | .0109016 |
| Stddev | .0896167 | .0005129 | .000154  | .000532  | .0015975 | .0121457 | .0021660 |
| %RSD   | 21.08288 | 4.657610 | 34.58704 | 192.4669 | 44.76733 | 2.510063 | 19.86903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3217566 | .0105514 | -.000600 | .000261  | .0022911 | .4793769 | .0133410 |
| #2 | .4716129 | .0109225 | -.000449 | -.000802 | .0053597 | .4746318 | .0092038 |
| #3 | .4818363 | .0115652 | -.000291 | -.000289 | .0030546 | .4976361 | .0101600 |

Sample Name: O1665-02DUP      Acquired: 2/27/2023 16:45:07      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2274605</b> | <b>.0074732</b> | <b>.0337943</b> |
| Stddev | .0011591        | .0015378        | .0001343        |
| %RSD   | .5095817        | 20.57814        | .3973960        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2262245</b> | <b>.0082349</b> | <b>.0336393</b> |
| #2 | <b>.2285231</b> | <b>.0084816</b> | <b>.0338751</b> |
| #3 | <b>.2276339</b> | <b>.0057032</b> | <b>.0338685</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7378.883</b> | <b>87235.15</b> | <b>17559.90</b> | <b>5130.518</b> | <b>7267.519</b> |
| Stddev    | 30.471          | 292.58          | 84.26           | 13.478          | 33.830          |
| %RSD      | .4129445        | .3353934        | .4798507        | .2627071        | .4654969        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7410.819</b> | <b>87570.41</b> | <b>17616.20</b> | <b>5142.408</b> | <b>7304.131</b> |
| #2 | <b>7350.127</b> | <b>87031.43</b> | <b>17600.46</b> | <b>5115.876</b> | <b>7237.416</b> |
| #3 | <b>7375.704</b> | <b>87103.61</b> | <b>17463.03</b> | <b>5133.270</b> | <b>7261.010</b> |

Sample Name: O1665-02LX5      Acquired: 2/27/2023 16:49:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>-.000892</b> | <b>-.000505</b> | <b>.0065019</b> | <b>-.002490</b> | <b>-.000221</b> | <b>.0094080</b> | <b>.0138707</b> |
| Stddev | .001727         | .000570         | .0003328        | .002839         | .001064         | .0108331        | .0013072        |
| %RSD   | 193.5270        | 112.9157        | 5.118462        | 113.9909        | 482.1984        | 115.1468        | 9.424144        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001288</b> | <b>-.000479</b> | <b>.0061188</b> | <b>-.000409</b> | <b>.000926</b>  | <b>-.002951</b> | <b>.0134651</b> |
| #2 | <b>.000998</b>  | <b>-.001087</b> | <b>.0067195</b> | <b>-.005724</b> | <b>-.001176</b> | <b>.013914</b>  | <b>.0153327</b> |
| #3 | <b>-.002387</b> | <b>.000052</b>  | <b>.0066673</b> | <b>-.001338</b> | <b>-.000412</b> | <b>.017261</b>  | <b>.0128144</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000073</b> | <b>.0000510</b> | <b>1.244718</b> | <b>.0001227</b> | <b>.0003977</b> | <b>.0029583</b> | <b>.0171089</b> |
| Stddev | .000004         | .0000480        | .007684         | .0003857        | .0000873        | .0006806        | .0067056        |
| %RSD   | 5.890878        | 94.21262        | .6172918        | 314.4563        | 21.94444        | 23.00536        | 39.19372        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000072</b> | <b>.0001009</b> | <b>1.245076</b> | <b>.0004246</b> | <b>.0004382</b> | <b>.0035521</b> | <b>.0231760</b> |
| #2 | <b>-.000078</b> | <b>.0000470</b> | <b>1.236862</b> | <b>.0002552</b> | <b>.0004575</b> | <b>.0022156</b> | <b>.0182418</b> |
| #3 | <b>-.000069</b> | <b>.0000051</b> | <b>1.252216</b> | <b>-.000312</b> | <b>.0002976</b> | <b>.0031073</b> | <b>.0099090</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1253918</b> | <b>.1149370</b> | <b>.0010006</b> | <b>.0011018</b> | <b>75.94550</b> | <b>.0015352</b> | <b>.0181199</b> |
| Stddev | .0016059        | .0150770        | .0002243        | .0007202        | .56288          | .0031155        | .0001757        |
| %RSD   | 1.280705        | 13.11766        | 22.41795        | 65.36696        | .7411625        | 202.9420        | .9694817        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1243895</b> | <b>.0988453</b> | <b>.0007855</b> | <b>.0005424</b> | <b>76.53482</b> | <b>.0004796</b> | <b>.0182699</b> |
| #2 | <b>.1245418</b> | <b>.1172287</b> | <b>.0009832</b> | <b>.0008484</b> | <b>75.88825</b> | <b>.0050414</b> | <b>.0181633</b> |
| #3 | <b>.1272440</b> | <b>.1287370</b> | <b>.0012331</b> | <b>.0019144</b> | <b>75.41344</b> | <b>-.000915</b> | <b>.0179267</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.044673</b> | <b>-.005167</b> | <b>-.000694</b> | <b>-.000904</b> | <b>.0017468</b> | <b>.0930297</b> | <b>.0017849</b> |
| Stddev | .013159         | .000196         | .000051         | .000447         | .0009675        | .0120416        | .0006987        |
| %RSD   | 29.45552        | 3.794396        | 7.392835        | 49.46815        | 55.38390        | 12.94378        | 39.14395        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.039088</b> | <b>-.004983</b> | <b>-.000678</b> | <b>-.001246</b> | <b>.0012900</b> | <b>.0802383</b> | <b>.0018413</b> |
| #2 | <b>-.059703</b> | <b>-.005373</b> | <b>-.000653</b> | <b>-.000398</b> | <b>.0010923</b> | <b>.0947045</b> | <b>.0010597</b> |
| #3 | <b>-.035228</b> | <b>-.005146</b> | <b>-.000752</b> | <b>-.001068</b> | <b>.0028581</b> | <b>.1041461</b> | <b>.0024537</b> |

Sample Name: O1665-02LX5      Acquired: 2/27/2023 16:49:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0348087</b> | <b>.0117917</b> | <b>.0065270</b> |
| Stddev | .0013437        | .0000800        | .0000389        |
| %RSD   | 3.860164        | .6788232        | .5960889        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0352897</b> | <b>.0117995</b> | <b>.0064837</b> |
| #2 | <b>.0332908</b> | <b>.0117080</b> | <b>.0065591</b> |
| #3 | <b>.0358457</b> | <b>.0118675</b> | <b>.0065382</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7580.354</b> | <b>88893.29</b> | <b>17460.53</b> | <b>5133.341</b> | <b>7840.549</b> |
| Stddev    | 23.486          | 535.56          | 94.83           | 22.010          | 28.867          |
| %RSD      | .3098326        | .6024721        | .5431184        | .4287579        | .3681734        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7590.444</b> | <b>88448.64</b> | <b>17562.92</b> | <b>5113.737</b> | <b>7854.551</b> |
| #2 | <b>7597.110</b> | <b>88743.41</b> | <b>17442.95</b> | <b>5129.137</b> | <b>7859.744</b> |
| #3 | <b>7553.509</b> | <b>89487.82</b> | <b>17375.72</b> | <b>5157.150</b> | <b>7807.351</b> |



Sample Name: O1665-02MS      Acquired: 2/27/2023 16:53:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .8102865 | 1.983770 | 1.030350 | 2.079138 | .7830495 | 2.082646 | .3111130 |
| Stddev | .0035774 | .008998  | .003359  | .011215  | .0043244 | .027943  | .0049145 |
| %RSD   | .4415024 | .4535646 | .3259636 | .5393830 | .5522466 | 1.341686 | 1.579646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8066055 | 1.974100 | 1.027621 | 2.066361 | .7780562 | 2.093746 | .3158870 |
| #2 | .8105034 | 1.985315 | 1.029328 | 2.083707 | .7855494 | 2.050859 | .3060691 |
| #3 | .8137505 | 1.991896 | 1.034101 | 2.087347 | .7855429 | 2.103333 | .3113828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1771323 | .2063923 | 6.991087 | .3992976 | .2056102 | .3078232 | 3.489786 |
| Stddev | .0022411 | .0007953 | .070888  | .0087104 | .0006498 | .0019847 | .065812  |
| %RSD   | 1.265226 | .3853251 | 1.013983 | 2.181437 | .3160118 | .6447384 | 1.885854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1795957 | .2054774 | 7.060361 | .4042422 | .2049111 | .3064514 | 3.521614 |
| #2 | .1752140 | .2067817 | 6.918688 | .4044105 | .2057238 | .3100989 | 3.533634 |
| #3 | .1765874 | .2069178 | 6.994211 | .3892402 | .2061957 | .3069192 | 3.414110 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7999350 | 2.436529 | .5014614 | .0754732 | 377.5551 | .2962486 | .3125908 |
| Stddev | .0113221 | .031532  | .0022316 | .0009931 | 6.6263   | .0059273 | .0054795 |
| %RSD   | 1.415374 | 1.294154 | .4450087 | 1.315783 | 1.755050 | 2.000789 | 1.752932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8102032 | 2.469068 | .4989259 | .0762900 | 380.7225 | .3007803 | .3166213 |
| #2 | .7877929 | 2.406111 | .5031268 | .0757618 | 382.0033 | .2895408 | .3147995 |
| #3 | .8018090 | 2.434407 | .5023316 | .0743678 | 369.9396 | .2984247 | .3063517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.91147 | .2754262 | .3978989 | .7291101 | .1980325 | 1.458073 | 6.434710 |
| Stddev | .16656   | .0022105 | .0040262 | .0047870 | .0032682 | .041895  | .028541  |
| %RSD   | 1.398328 | .8025666 | 1.011873 | .6565516 | 1.650349 | 2.873345 | .4435419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.02176 | .2777569 | .3933732 | .7235885 | .2004591 | 1.484431 | 6.404713 |
| #2 | 11.99279 | .2733596 | .3992403 | .7316480 | .1943162 | 1.480025 | 6.461528 |
| #3 | 11.71987 | .2751621 | .4010832 | .7320937 | .1993223 | 1.409763 | 6.437889 |

Sample Name: O1665-02MS      Acquired: 2/27/2023 16:53:12      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2181072</b> | <b>.1999148</b> | <b>.2299889</b> |
| Stddev | .0039601        | .0032706        | .0032264        |
| %RSD   | 1.815652        | 1.635992        | 1.402853        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2137299</b> | <b>.2035377</b> | <b>.2327625</b> |
| #2 | <b>.2214412</b> | <b>.1971798</b> | <b>.2264480</b> |
| #3 | <b>.2191504</b> | <b>.1990270</b> | <b>.2307562</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7567.380</b> | <b>87190.65</b> | <b>17438.69</b> | <b>5130.298</b> | <b>7407.603</b> |
| Stddev    | 38.755          | 1734.84         | 214.52          | 93.396          | 36.401          |
| %RSD      | .5121378        | 1.989705        | 1.230118        | 1.820482        | .4914049        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7612.104 | 86141.52 | 17218.61 | 5061.944 | 7449.622 |
| #2 | 7546.357 | 86237.32 | 17647.17 | 5092.235 | 7387.534 |
| #3 | 7543.679 | 89193.10 | 17450.29 | 5236.716 | 7385.654 |

Sample Name: O1665-02MSD      Acquired: 2/27/2023 16:57:03      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .8268946 | 2.016517 | 1.045195 | 2.117012 | .7999149 | 2.117759 | .3201015 |
| Stddev | .0126355 | .013349  | .006821  | .016213  | .0068980 | .009284  | .0026121 |
| %RSD   | 1.528070 | .6619669 | .6525686 | .7658533 | .8623398 | .4383848 | .8160316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8164528 | 2.004969 | 1.040992 | 2.099459 | .7962299 | 2.118461 | .3188395 |
| #2 | .8232903 | 2.013450 | 1.041529 | 2.120151 | .7956419 | 2.126673 | .3231050 |
| #3 | .8409406 | 2.031132 | 1.053065 | 2.131426 | .8078727 | 2.108144 | .3183601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1772757 | .2090386 | 7.112578 | .4055029 | .2085153 | .3132042 | 3.553813 |
| Stddev | .0013362 | .0010703 | .037954  | .0010237 | .0006549 | .0021104 | .023611  |
| %RSD   | .7537486 | .5119965 | .5336191 | .2524614 | .3140680 | .6738007 | .6643891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1786296 | .2081631 | 7.080231 | .4062959 | .2078240 | .3115106 | 3.530903 |
| #2 | .1759579 | .2087210 | 7.154360 | .4058656 | .2085955 | .3125337 | 3.578068 |
| #3 | .1772396 | .2102318 | 7.103145 | .4043472 | .2091264 | .3155684 | 3.552468 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8167887 | 2.494689 | .5085231 | .0771333 | 382.1453 | .2992357 | .3170846 |
| Stddev | .0023455 | .021738  | .0030898 | .0006434 | .3725    | .0030848 | .0007583 |
| %RSD   | .2871610 | .8713794 | .6076049 | .8341672 | .0974789 | 1.030904 | .2391343 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8140851 | 2.497481 | .5056279 | .0777236 | 382.5660 | .3025425 | .3178598 |
| #2 | .8180016 | 2.514897 | .5081650 | .0772290 | 381.8572 | .2987291 | .3163445 |
| #3 | .8182793 | 2.471690 | .5117763 | .0764474 | 382.0128 | .2964355 | .3170493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.09197 | .2770530 | .4067219 | .7408717 | .2005057 | 1.496098 | 6.442413 |
| Stddev | .14010   | .0020541 | .0037446 | .0048742 | .0011519 | .044166  | .017163  |
| %RSD   | 1.158632 | .7413975 | .9206825 | .6578987 | .5744809 | 2.952104 | .2664095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.04286 | .2764750 | .4034290 | .7367132 | .1992164 | 1.504628 | 6.428404 |
| #2 | 12.25001 | .2753498 | .4059416 | .7396664 | .2014332 | 1.535378 | 6.437278 |
| #3 | 11.98303 | .2793341 | .4107952 | .7462354 | .2008676 | 1.448289 | 6.461558 |

Sample Name: O1665-02MSD      Acquired: 2/27/2023 16:57:03      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2212937</b> | <b>.2025760</b> | <b>.2343113</b> |
| Stddev | .0029226        | .0037099        | .0011870        |
| %RSD   | 1.320698        | 1.831363        | .5066027        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2185579</b> | <b>.1987874</b> | <b>.2330121</b> |
| #2 | <b>.2243728</b> | <b>.2062018</b> | <b>.2353391</b> |
| #3 | <b>.2209504</b> | <b>.2027389</b> | <b>.2345828</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7415.255</b> | <b>86124.82</b> | <b>17342.37</b> | <b>5065.561</b> | <b>7263.875</b> |
| Stddev    | 46.021          | 325.20          | 69.09           | 31.236          | 46.287          |
| %RSD      | .6206209        | .3775884        | .3983941        | .6166374        | .6372285        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7448.049 | 86102.05 | 17271.70 | 5044.058 | 7301.315 |
| #2 | 7435.070 | 85811.60 | 17409.77 | 5051.233 | 7278.189 |
| #3 | 7362.646 | 86460.80 | 17345.64 | 5101.390 | 7212.121 |

Sample Name: O1665-02A      Acquired: 2/27/2023 17:00:55      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .7937683 | 1.951669 | 1.011582 | 2.003673 | .8001544 | 2.096811 | .3161144 |
| Stddev | .0016559 | .009693  | .005319  | .003865  | .0013419 | .014593  | .0016912 |
| %RSD   | .2086161 | .4966512 | .5258459 | .1928777 | .1677041 | .6959650 | .5350087 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7945366 | 1.957569 | 1.015116 | 2.008121 | .7986347 | 2.082230 | .3157087 |
| #2 | .7918677 | 1.940482 | 1.005465 | 2.001129 | .8006523 | 2.096787 | .3146629 |
| #3 | .7949004 | 1.956956 | 1.014166 | 2.001770 | .8011762 | 2.111416 | .3179716 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1688293 | .2027132 | 7.349864 | .3902750 | .2025624 | .3030386 | 3.446435 |
| Stddev | .0008519 | .0005719 | .017607  | .0021606 | .0007337 | .0006422 | .046643  |
| %RSD   | .5046013 | .2821261 | .2395593 | .5536000 | .3622296 | .2119106 | 1.353376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1690179 | .2030242 | 7.332750 | .3919405 | .2029379 | .3034355 | 3.434424 |
| #2 | .1678988 | .2020531 | 7.348917 | .3910509 | .2017169 | .3022977 | 3.497909 |
| #3 | .1695711 | .2030621 | 7.367926 | .3878336 | .2030324 | .3033826 | 3.406972 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8318439 | 2.405120 | .4929041 | .0747251 | 399.5695 | .2899510 | .3152401 |
| Stddev | .0019559 | .029955  | .0011204 | .0003246 | 3.6851   | .0034907 | .0023765 |
| %RSD   | .2351310 | 1.245464 | .2273107 | .4343591 | .9222674 | 1.203890 | .7538766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8295865 | 2.387007 | .4936883 | .0747529 | 397.8990 | .2938648 | .3177392 |
| #2 | .8330334 | 2.388658 | .4916209 | .0743876 | 403.7940 | .2871595 | .3149722 |
| #3 | .8329117 | 2.439696 | .4934032 | .0750349 | 397.0155 | .2888286 | .3130089 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.79384 | .2638688 | .4136786 | .7471420 | .2008080 | 1.596704 | 6.162929 |
| Stddev | .20608   | .0034438 | .0022147 | .0016071 | .0006056 | .024884  | .025541  |
| %RSD   | 1.747362 | 1.305107 | .5353752 | .2150987 | .3015733 | 1.558483 | .4144264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.83293 | .2655184 | .4123560 | .7482338 | .2010093 | 1.625024 | 6.184148 |
| #2 | 11.97757 | .2599105 | .4124444 | .7452966 | .2001274 | 1.578333 | 6.134582 |
| #3 | 11.57101 | .2661774 | .4162355 | .7478956 | .2012874 | 1.586756 | 6.170059 |

Sample Name: O1665-02A      Acquired: 2/27/2023 17:00:55      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2154985</b> | <b>.1954150</b> | <b>.2289556</b> |
| Stddev | .0014850        | .0016414        | .0002258        |
| %RSD   | .6890885        | .8399588        | .0986005        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2172113</b> | <b>.1938700</b> | <b>.2287871</b> |
| #2 | <b>.2147123</b> | <b>.1971383</b> | <b>.2288675</b> |
| #3 | <b>.2145719</b> | <b>.1952367</b> | <b>.2292121</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7390.764</b> | <b>86174.43</b> | <b>17397.95</b> | <b>5037.245</b> | <b>7217.121</b> |
| Stddev    | 28.008          | 495.00          | 74.74           | 30.370          | 27.586          |
| %RSD      | .3789646        | .5744145        | .4295895        | .6029018        | .3822302        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7391.520 | 85881.84 | 17382.20 | 5003.005 | 7214.115 |
| #2 | 7418.387 | 85895.50 | 17479.30 | 5047.803 | 7246.087 |
| #3 | 7362.385 | 86745.95 | 17332.33 | 5060.926 | 7191.161 |

Sample Name: O1692-01      Acquired: 2/27/2023 17:04:46      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FM1282      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0146074 | -.013117 | .2695051 | .0284200 | .0112062 | 126.4676 |
| Stddev | .0012097 | .000696  | .0032167 | .0014040 | .0037516 | .4831    |
| %RSD   | 8.281437 | 5.305799 | 1.193575 | 4.940155 | 33.47833 | .3819611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0156238 | -.012606 | .2731384 | .0281493 | .0126801 | 126.0284 |
| #2 | .0132694 | -.012836 | .2683569 | .0271710 | .0139970 | 126.3894 |
| #3 | .0149291 | -.013910 | .2670200 | .0299396 | .0069414 | 126.9850 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.843189 | .0099317 | -.005922 | 211.9878 | .2266680 | .1216576 |
| Stddev | .014491  | .0000661 | .000299  | .6550    | .0001149 | .0012636 |
| %RSD   | .5096887 | .6656790 | 5.053992 | .3089619 | .0507104 | 1.038685 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.830389 | .0100081 | -.005577 | 211.3346 | .2265763 | .1230862 |
| #2 | 2.840256 | .0098922 | -.006114 | 211.9841 | .2267969 | .1206862 |
| #3 | 2.858923 | .0098949 | -.006074 | 212.6445 | .2266307 | .1212004 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2248001 | 302.0557 | 7.092934 | 63.53751 | .2802457 | -.000687 |
| Stddev | .0044379 | 1.0091   | .040768  | .12884   | .0024382 | .000656  |
| %RSD   | 1.974149 | .3340648 | .5747667 | .2027713 | .8700060 | 95.45172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2299032 | 300.9901 | 7.063674 | 63.41104 | .2830418 | -.001250 |
| #2 | .2218437 | 302.9967 | 7.075629 | 63.53289 | .2791322 | .000033  |
| #3 | .2226535 | 302.1801 | 7.139500 | 63.66859 | .2785631 | -.000844 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.633158 | .2558390 | .8388693 | 32.49385 | .3531927 | .0039193 |
| Stddev | .005667  | .0019583 | .0034087 | .09418   | .0015502 | .0002017 |
| %RSD   | .1223211 | .7654470 | .4063453 | .2898269 | .4389130 | 5.145901 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.628660 | .2548000 | .8427999 | 32.38703 | .3520100 | .0036968 |
| #2 | 4.639523 | .2546192 | .8367246 | 32.56492 | .3549477 | .0039707 |
| #3 | 4.631289 | .2580979 | .8370835 | 32.52959 | .3526204 | .0040903 |

Sample Name: O1692-01      Acquired: 2/27/2023 17:04:46      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: FM1282      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0192971 | 3.146861 | F 38.53085 | 6.753547 | 1.963355 | .3400909 |
| Stddev | .0002339 | .020684  | .13244     | .061073  | .026800  | .0029094 |
| %RSD   | 1.212267 | .6572843 | .3437136   | .9043160 | 1.364999 | .8554701 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0193857 | 3.128383 | 38.59799 | 6.823562 | 1.993421 | .3367839 |
| #2 | .0194739 | 3.169205 | 38.61626 | 6.711237 | 1.941979 | .3422566 |
| #3 | .0190318 | 3.142994 | 38.37829 | 6.725841 | 1.954664 | .3412323 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4047551 |
| Stddev | .0024880 |
| %RSD   | .6146914 |

|    |          |
|----|----------|
| #1 | .4020537 |
| #2 | .4052590 |
| #3 | .4069526 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7676.188 | 90687.81 | 18503.88 | 5211.424 | 6933.297 |
| Stddev    | 73.339   | 336.91   | 40.29    | 15.017   | 63.703   |
| %RSD      | .9554119 | .3715046 | .2177621 | .2881557 | .9187938 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7592.107 | 90564.36 | 18457.59 | 5203.543 | 6859.741 |
| #2 | 7709.484 | 90430.05 | 18531.09 | 5201.988 | 6970.434 |
| #3 | 7726.972 | 91069.04 | 18522.95 | 5228.741 | 6969.717 |



Sample Name: LR CHECK 2      Acquired: 2/27/2023 17:12:57      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>-.001491</b> | <b>-.030172</b> | <b>257.5699</b> | <b>-.104217</b> | <b>-.002145</b> | <b>.0369219</b> | <b>101.2974</b> |
| Stddev | .000220         | .001729         | .9278           | .001117         | .000550         | .0759839        | 1.0800          |
| %RSD   | 14.77151        | 5.731584        | .3602010        | 1.071760        | 25.63095        | 205.7965        | 1.066167        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001290</b> | <b>-.031323</b> | <b>257.6033</b> | <b>-.105298</b> | <b>-.002770</b> | <b>.1212376</b> | <b>102.2530</b> |
| #2 | <b>-.001726</b> | <b>-.031009</b> | <b>256.6258</b> | <b>-.103067</b> | <b>-.001738</b> | <b>.0157807</b> | <b>101.5136</b> |
| #3 | <b>-.001458</b> | <b>-.028183</b> | <b>258.4805</b> | <b>-.104287</b> | <b>-.001926</b> | <b>-.026253</b> | <b>100.1256</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0010044</b> | <b>-.005575</b> | <b>.5212339</b> | <b>.0084806</b> | <b>-.009413</b> | <b>256.0441</b> | <b>.2007320</b> |
| Stddev | .0000382        | .000062         | .0856916        | .0000875        | .000181         | 1.9796          | .0443446        |
| %RSD   | 3.799759        | 1.105907        | 16.44015        | 1.031611        | 1.922001        | .7731394        | 22.09146        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0010025</b> | <b>-.005505</b> | <b>.6186336</b> | <b>.0085535</b> | <b>-.009353</b> | <b>257.8854</b> | <b>.2502301</b> |
| #2 | <b>.0010435</b> | <b>-.005620</b> | <b>.4876353</b> | <b>.0083836</b> | <b>-.009616</b> | <b>253.9504</b> | <b>.1873364</b> |
| #3 | <b>.0009673</b> | <b>-.005601</b> | <b>.4574330</b> | <b>.0085048</b> | <b>-.009269</b> | <b>256.2965</b> | <b>.1646295</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>45.76568</b> | <b>.2800198</b> | <b>49.26951</b> | <b>.0113522</b> | <b>.8573735</b> | <b>-.010780</b> | <b>32.41360</b> |
| Stddev | .18294          | .0753456        | .19427          | .0005307        | .1253559        | .001350         | .31645          |
| %RSD   | .3997363        | 26.90725        | .3943054        | 4.674612        | 14.62092        | 12.52719        | .9762747        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>45.97583</b> | <b>.3665187</b> | <b>49.28656</b> | <b>.0114566</b> | <b>.9942035</b> | <b>-.011687</b> | <b>32.30940</b> |
| #2 | <b>45.67921</b> | <b>.2448577</b> | <b>49.06728</b> | <b>.0107771</b> | <b>.8298518</b> | <b>-.011425</b> | <b>32.76900</b> |
| #3 | <b>45.64201</b> | <b>.2286828</b> | <b>49.45470</b> | <b>.0118229</b> | <b>.7480652</b> | <b>-.009228</b> | <b>32.16239</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2800955</b> | <b>-.008244</b> | <b>-.006360</b> | <b>-.001874</b> | <b>-.040848</b> | <b>.0013753</b> | <b>-.766400</b> |
| Stddev | .0833322        | .000767         | .000411         | .000402         | .000640         | .0138108        | .003377         |
| %RSD   | 29.75136        | 9.302430        | 6.461352        | 21.44187        | 1.566463        | 1004.224        | .4406536        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3300565</b> | <b>-.007360</b> | <b>-.006517</b> | <b>-.001424</b> | <b>-.040580</b> | <b>-.002682</b> | <b>-.766407</b> |
| #2 | <b>.3263342</b> | <b>-.008726</b> | <b>-.006670</b> | <b>-.002199</b> | <b>-.040386</b> | <b>.016760</b>  | <b>-.769774</b> |
| #3 | <b>.1838957</b> | <b>-.008646</b> | <b>-.005894</b> | <b>-.001998</b> | <b>-.041579</b> | <b>-.009952</b> | <b>-.763019</b> |

Sample Name: LR CHECK 2      Acquired: 2/27/2023 17:12:57      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.008794</b> | <b>.0102085</b> | <b>.0018700</b> |
| Stddev | .003353         | .0015400        | .0000298        |
| %RSD   | 38.13270        | 15.08537        | 1.595102        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.012603</b> | <b>.0084304</b> | <b>.0018686</b> |
| #2 | <b>-.006285</b> | <b>.0110775</b> | <b>.0019005</b> |
| #3 | <b>-.007495</b> | <b>.0111175</b> | <b>.0018409</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7209.788</b> | <b>89088.98</b> | <b>18007.28</b> | <b>5007.960</b> | <b>7741.138</b> |
| Stddev    | 52.695          | 344.55          | 137.65          | 39.152          | 48.369          |
| %RSD      | .7308825        | .3867491        | .7644233        | .7817962        | .6248282        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7205.040 | 88951.24 | 17853.85 | 5013.470 | 7745.101 |
| #2 | 7264.696 | 88834.60 | 18048.06 | 4966.345 | 7787.403 |
| #3 | 7159.627 | 89481.09 | 18119.93 | 5044.065 | 7690.910 |

Sample Name: LR CHECK 1      Acquired: 2/27/2023 17:25:06      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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>-.011785</b> | <b>-.061643</b> | <b>-.044362</b> | <b>.1113111</b> | <b>.0165441</b> | <b>1999.519</b> | <b>-.002856</b> |
| Stddev | .002114         | .002858         | .008584         | .0033254        | .0043418        | 22.655          | .002286         |
| %RSD   | 17.93889        | 4.636306        | 19.34946        | 2.987501        | 26.24398        | 1.133047        | 80.03417        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009609</b> | <b>-.059950</b> | <b>-.036171</b> | <b>.1104650</b> | <b>.0173937</b> | <b>2022.925</b> | <b>-.003496</b> |
| #2 | <b>-.011915</b> | <b>-.060036</b> | <b>-.043623</b> | <b>.1149778</b> | <b>.0203983</b> | <b>1977.697</b> | <b>-.000318</b> |
| #3 | <b>-.013831</b> | <b>-.064942</b> | <b>-.053291</b> | <b>.1084905</b> | <b>.0118402</b> | <b>1997.935</b> | <b>-.004753</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0031847</b> | <b>-.006755</b> | <b>1967.732</b> | <b>.0547249</b> | <b>.0113350</b> | <b>-.129929</b> | <b>925.5453</b> |
| Stddev | .0000276        | .000249         | 23.436          | .0003919        | .0002936        | .001996         | 3.2612          |
| %RSD   | .8656454        | 3.691832        | 1.191039        | .7161576        | 2.590607        | 1.536310        | .3523596        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0032141</b> | <b>-.006480</b> | <b>1994.590</b> | <b>.0551552</b> | <b>.0113999</b> | <b>-.130425</b> | <b>922.5185</b> |
| #2 | <b>.0031595</b> | <b>-.006967</b> | <b>1957.174</b> | <b>.0543885</b> | <b>.0110143</b> | <b>-.127731</b> | <b>925.1184</b> |
| #3 | <b>.0031806</b> | <b>-.006818</b> | <b>1951.432</b> | <b>.0546309</b> | <b>.0115907</b> | <b>-.131630</b> | <b>928.9989</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0105335</b> | <b>1811.810</b> | <b>.0087027</b> | <b>-.005077</b> | <b>1846.306</b> | <b>.0183833</b> | <b>.0693113</b> |
| Stddev | .0001298        | 28.496          | .0007272        | .000864         | 10.129          | .0029003        | .0014096        |
| %RSD   | 1.232578        | 1.572793        | 8.356385        | 17.01198        | .5485986        | 15.77683        | 2.033779        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0105214</b> | <b>1844.710</b> | <b>.0093609</b> | <b>-.004624</b> | <b>1854.164</b> | <b>.0200705</b> | <b>.0709338</b> |
| #2 | <b>.0104101</b> | <b>1794.909</b> | <b>.0079220</b> | <b>-.006073</b> | <b>1834.875</b> | <b>.0200450</b> | <b>.0683870</b> |
| #3 | <b>.0106689</b> | <b>1795.811</b> | <b>.0088253</b> | <b>-.004534</b> | <b>1849.881</b> | <b>.0150343</b> | <b>.0686131</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1053.392</b> | <b>.7770848</b> | <b>.0023575</b> | <b>.0093018</b> | <b>-.044831</b> | <b>-.943140</b> | <b>.0557362</b> |
| Stddev | 2.912           | .0150584        | .0002184        | .0022694        | .001399         | .025488         | .0056325        |
| %RSD   | .2764501        | 1.937806        | 9.265960        | 24.39700        | 3.121014        | 2.702462        | 10.10564        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1052.967</b> | <b>.7602765</b> | <b>.0025140</b> | <b>.0077788</b> | <b>-.046056</b> | <b>-.914755</b> | <b>.0622398</b> |
| #2 | <b>1056.494</b> | <b>.7816334</b> | <b>.0024506</b> | <b>.0119101</b> | <b>-.043306</b> | <b>-.950597</b> | <b>.0524289</b> |
| #3 | <b>1050.716</b> | <b>.7893445</b> | <b>.0021079</b> | <b>.0082167</b> | <b>-.045131</b> | <b>-.964068</b> | <b>.0525400</b> |

Sample Name: LR CHECK 1      Acquired: 2/27/2023 17:25:06      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2420903</b> | <b>.2182890</b> | <b>.0266923</b> |
| Stddev | .0091327        | .0022898        | .0001638        |
| %RSD   | 3.772445        | 1.048965        | .6137223        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2316842</b> | <b>.2204857</b> | <b>.0268813</b> |
| #2 | <b>.2458125</b> | <b>.2159163</b> | <b>.0266040</b> |
| #3 | <b>.2487740</b> | <b>.2184649</b> | <b>.0265916</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5516.506</b> | <b>64304.49</b> | <b>15308.76</b> | <b>3724.248</b> | <b>4696.116</b> |
| Stddev    | 11.425          | 103.44          | 226.20          | .397            | 9.155           |
| %RSD      | .2071139        | .1608670        | 1.477563        | .0106540        | .1949397        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5527.648 | 64245.54 | 15047.77 | 3723.911 | 4703.785 |
| #2 | 5504.816 | 64423.94 | 15430.26 | 3724.685 | 4685.981 |
| #3 | 5517.054 | 64244.00 | 15448.23 | 3724.147 | 4698.582 |

Sample Name: CCV04      Acquired: 2/27/2023 17:42:01      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | 4.792933 | 4.818900 | 4.676483 | 4.800261 | 4.804185 | 9.489989 |
| Stddev | .004618  | .007898  | .008235  | .010116  | .004437  | .073035  |
| %RSD   | .0963472 | .1639049 | .1760909 | .2107473 | .0923665 | .7695961 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.797497 | 4.810839 | 4.666993 | 4.803501 | 4.802576 | 9.428815 |
| #2 | 4.793039 | 4.819235 | 4.681744 | 4.808361 | 4.809203 | 9.470303 |
| #3 | 4.788263 | 4.826626 | 4.680712 | 4.788922 | 4.800777 | 9.570849 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.353598 | .2316689 | 2.393343 | 23.06520 | .9257787 | 2.362971 |
| Stddev | .028112  | .0013842 | .003327  | .13196   | .0018741 | .002832  |
| %RSD   | .3005515 | .5974901 | .1390012 | .5721232 | .2024333 | .1198478 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.323425 | .2311043 | 2.389502 | 22.93342 | .9236307 | 2.360092 |
| #2 | 9.358315 | .2306562 | 2.395300 | 23.06486 | .9270806 | 2.365753 |
| #3 | 9.379053 | .2332462 | 2.395227 | 23.19734 | .9266247 | 2.363067 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.161882 | 5.298795 | 2.286928 | 25.45654 | 2.305235 | 1.183157 |
| Stddev | .002500  | .032352  | .010092  | .11125   | .002535  | .000166  |
| %RSD   | .2151548 | .6105456 | .4412959 | .4370212 | .1099641 | .0139944 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.159269 | 5.261523 | 2.281035 | 25.35238 | 2.302340 | 1.183216 |
| #2 | 1.164251 | 5.315256 | 2.281168 | 25.44349 | 2.307053 | 1.183285 |
| #3 | 1.162126 | 5.319606 | 2.298581 | 25.57373 | 2.306313 | 1.182970 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 26.44164 | 2.299414 | 2.459715 | 25.85476 | F 3.974843 | 4.935890 |
| Stddev | .12326   | .004461  | .002388  | .10002   | .021928    | .005048  |
| %RSD   | .4661770 | .1939938 | .0971043 | .3868521 | .5516692   | .1022773 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.36786 | 2.294481 | 2.462456 | 25.77810 | 3.972526 | 4.930112 |
| #2 | 26.58394 | 2.303165 | 2.458613 | 25.96790 | 3.954165 | 4.938112 |
| #3 | 26.37311 | 2.300596 | 2.458077 | 25.81828 | 3.997837 | 4.939447 |

Sample Name: CCV04      Acquired: 2/27/2023 17:42:01      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.832378</b> | <b>4.612922</b> | <b>5.449301</b> | <b>4.699871</b> | <b>5.033805</b> | <b>4.590292</b> |
| Stddev | .012240         | .020378         | .013509         | .004090         | .001992         | .010712         |
| %RSD   | .2532945        | .4417674        | .2478964        | .0870158        | .0395732        | .2333546        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.818527 | 4.589805 | 5.434240 | 4.696671 | 5.032350 | 4.580797 |
| #2 | 4.841740 | 4.620674 | 5.460348 | 4.704479 | 5.036075 | 4.588175 |
| #3 | 4.836866 | 4.628286 | 5.453313 | 4.698464 | 5.032990 | 4.601904 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>4.765763</b> |
| Stddev | .042930         |
| %RSD   | .9007923        |

|    |          |
|----|----------|
| #1 | 4.721740 |
| #2 | 4.768040 |
| #3 | 4.807508 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7309.947</b> | <b>86918.85</b> | <b>17445.85</b> | <b>4968.762</b> | <b>7357.120</b> |
| Stddev    | 18.738          | 159.58          | 73.32           | 16.439          | 22.080          |
| %RSD      | .2563372        | .1835969        | .4202986        | .3308493        | .3001189        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7330.348 | 86880.52 | 17437.19 | 4949.958 | 7381.369 |
| #2 | 7305.989 | 86781.92 | 17523.13 | 4980.413 | 7351.815 |
| #3 | 7293.505 | 87094.10 | 17377.25 | 4975.915 | 7338.176 |

Sample Name: CCB04      Acquired: 2/27/2023 17:45:47      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      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    | .0003961 | -.000090 | .0001071 | -.002795 | -.000305 | -.009989 | -.013778 |
| Stddev | .0003174 | .001169  | .0013779 | .000715  | .000403  | .007621  | .001101  |
| %RSD   | 80.14043 | 1296.939 | 1286.819 | 25.57872 | 132.1525 | 76.29150 | 7.990710 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002927 | -.001294 | .0016943 | -.003460 | -.000760 | -.005741 | -.012509 |
| #2 | .0007523 | -.000015 | -.000783 | -.002039 | .000003  | -.018787 | -.014473 |
| #3 | .0001432 | .001039  | -.000590 | -.002885 | -.000156 | -.005439 | -.014352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000042 | .0000595 | .0095896 | .0000947 | .0000383 | -.000712 | .0104474 |
| Stddev | .000025  | .0000091 | .0038198 | .0001079 | .0000245 | .000380  | .0086668 |
| %RSD   | 58.72758 | 15.24409 | 39.83231 | 113.9447 | 64.04194 | 53.39493 | 82.95641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000020 | .0000596 | .0127899 | .0002120 | .0000100 | -.000462 | .0188181 |
| #2 | -.000037 | .0000503 | .0053609 | .0000726 | .0000540 | -.001149 | .0110118 |
| #3 | -.000069 | .0000684 | .0106180 | -.000000 | .0000508 | -.000523 | .0015122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005459 | .0136520 | .0004161 | .0010948 | .0492017 | -.000522 | .0001932 |
| Stddev | .0005885 | .0165234 | .0003634 | .0005027 | .0092159 | .000861  | .0000254 |
| %RSD   | 107.7925 | 121.0325 | 87.35538 | 45.91935 | 18.73081 | 164.8298 | 13.12274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011434 | .0308746 | .0007510 | .0010103 | .0391464 | -.001205 | .0002174 |
| #2 | .0005274 | .0121512 | .0004676 | .0016345 | .0512125 | -.000806 | .0001668 |
| #3 | -.000033 | -.002070 | .0000296 | .0006397 | .0572461 | .000445  | .0001953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.185196 | .0033585 | .0032763 | .0003546 | .0037565 | .0017220 | .0023456 |
| Stddev | .064159  | .0003798 | .0009666 | .0005801 | .0024046 | .0066076 | .0017414 |
| %RSD   | 34.64396 | 11.30836 | 29.50155 | 163.6132 | 64.01256 | 383.7294 | 74.24032 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.122419 | .0029862 | .0042803 | -.000222 | .0060486 | .0055973 | .0030529 |
| #2 | -.182515 | .0033439 | .0031964 | .000938  | .0012533 | -.005908 | .0003619 |
| #3 | -.250654 | .0037454 | .0023521 | .000348  | .0039675 | .005476  | .0036221 |

Sample Name: CCB04      Acquired: 2/27/2023 17:45:47      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001785</b> | <b>.0072811</b> | <b>.0010131</b> |
| Stddev | .002892         | .0019371        | .0005997        |
| %RSD   | 161.9934        | 26.60519        | 59.19255        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002500</b> | <b>.0091733</b> | <b>.0016953</b> |
| #2 | <b>-.004254</b> | <b>.0073681</b> | <b>.0007754</b> |
| #3 | <b>.001397</b>  | <b>.0053019</b> | <b>.0005688</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7524.708</b> | <b>88754.74</b> | <b>17423.20</b> | <b>5122.096</b> | <b>8018.910</b> |
| Stddev    | 19.062          | 291.23          | 162.83          | 14.376          | 17.140          |
| %RSD      | .2533308        | .3281251        | .9345813        | .2806573        | .2137448        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7546.564</b> | <b>88455.27</b> | <b>17245.46</b> | <b>5105.646</b> | <b>8038.151</b> |
| #2 | <b>7511.519</b> | <b>88771.99</b> | <b>17458.96</b> | <b>5132.243</b> | <b>8013.302</b> |
| #3 | <b>7516.041</b> | <b>89036.96</b> | <b>17565.19</b> | <b>5128.401</b> | <b>8005.276</b> |



Sample Name: O1700-01      Acquired: 2/27/2023 17:49:51      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-1R      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0168806 | -.006517 | .1285541 | .0203160 | .0038780 | 87.94112 | .2002717 |
| Stddev | .0031676 | .001231  | .0014224 | .0005340 | .0021464 | .25510   | .0003110 |
| %RSD   | 18.76463 | 18.89557 | 1.106466 | 2.628688 | 55.34734 | .2900846 | .1553077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0192877 | -.005184 | .1300157 | .0205448 | .0021096 | 88.15690 | .1999672 |
| #2 | .0132921 | -.007613 | .1284720 | .0206975 | .0062660 | 87.65957 | .2002591 |
| #3 | .0180621 | -.006755 | .1271745 | .0197056 | .0032585 | 88.00688 | .2005889 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033638 | -.004914 | 42.20312 | .3043658 | .1010641 | .2984022 | 200.5350 |
| Stddev | .0000486 | .000149  | .22657   | .0015472 | .0002536 | .0009022 | .8950    |
| %RSD   | 1.445926 | 3.031405 | .5368555 | .5083416 | .2509168 | .3023298 | .4462875 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033077 | -.004811 | 42.44751 | .3053747 | .1013550 | .2994254 | 200.3312 |
| #2 | .0033941 | -.005085 | 42.00006 | .3051383 | .1009477 | .2977211 | 201.5143 |
| #3 | .0033895 | -.004846 | 42.16180 | .3025845 | .1008896 | .2980602 | 199.7595 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.149567 | 65.94428 | .2267896 | .0000907 | 7.260570 | .2375368 | .3689021 |
| Stddev | .004158  | .13525   | .0006650 | .0005164 | .030110  | .0025206 | .0023663 |
| %RSD   | .1934157 | .2050992 | .2932076 | 569.3347 | .4147070 | 1.061135 | .6414519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.145046 | 66.00559 | .2273204 | -.000077 | 7.269607 | .2403250 | .3708028 |
| #2 | 2.150429 | 65.78923 | .2260437 | -.000321 | 7.285126 | .2368657 | .3696517 |
| #3 | 2.153226 | 66.03802 | .2270047 | .000670  | 7.226976 | .2354197 | .3662517 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.013926 | .3881487 | .0027569 | .0166547 | 3.339958 | 3.638661 | 3.247352 |
| Stddev | .093886  | .0016979 | .0004881 | .0008426 | .014749  | .091379  | .009133  |
| %RSD   | 1.041567 | .4374246 | 17.70582 | 5.059260 | .4415973 | 2.511328 | .2812495 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.907090 | .3884938 | .0033194 | .0175267 | 3.356567 | 3.553691 | 3.257830 |
| #2 | 9.083285 | .3896476 | .0025074 | .0158449 | 3.328389 | 3.626970 | 3.243155 |
| #3 | 9.051403 | .3863048 | .0024440 | .0165924 | 3.334919 | 3.735323 | 3.241072 |

Sample Name: O1700-01      Acquired: 2/27/2023 17:49:51      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: MW-1R      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.6067250</b> | <b>.1167651</b> | <b>.1937838</b> |
| Stddev | .0025439        | .0025386        | .0005097        |
| %RSD   | .4192822        | 2.174153        | .2630275        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.6095088</b> | <b>.1196369</b> | <b>.1932340</b> |
| #2 | <b>.6061450</b> | <b>.1158383</b> | <b>.1938767</b> |
| #3 | <b>.6045212</b> | <b>.1148201</b> | <b>.1942406</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7630.242</b> | <b>89275.99</b> | <b>17785.89</b> | <b>5225.604</b> | <b>7282.183</b> |
| Stddev    | 10.284          | 384.45          | 87.06           | 31.332          | 2.677           |
| %RSD      | .1347855        | .4306259        | .4894776        | .5995780        | .0367677        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7631.442</b> | <b>89087.85</b> | <b>17693.96</b> | <b>5204.407</b> | <b>7282.555</b> |
| #2 | <b>7639.875</b> | <b>89021.86</b> | <b>17867.08</b> | <b>5210.813</b> | <b>7284.654</b> |
| #3 | <b>7619.411</b> | <b>89718.28</b> | <b>17796.62</b> | <b>5261.593</b> | <b>7279.338</b> |

Sample Name: O1701-01      Acquired: 2/27/2023 17:53:40      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-19-SB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2033080</b> | <b>-.021693</b> | <b>5.491027</b> | <b>.0863375</b> | <b>.0487912</b> | <b>109.1262</b> |
| Stddev | .0039893        | .002002         | .009223         | .0008007        | .0003764        | .8291           |
| %RSD   | 1.962174        | 9.230768        | .1679739        | .9274028        | .7714070        | .7597361        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1987696 | -.019450 | 5.485456 | .0869535 | .0487501 | 108.1802 |
| #2 | .2048948 | -.023300 | 5.485951 | .0866266 | .0491865 | 109.4722 |
| #3 | .2062598 | -.022328 | 5.501673 | .0854324 | .0484371 | 109.7263 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.088145</b> | <b>.0348937</b> | <b>-.007399</b> | <b>93.33410</b> | <b>.4319974</b> | <b>.2337668</b> |
| Stddev | .005587         | .0002212        | .000155         | .49820          | .0015120        | .0011742        |
| %RSD   | .5134355        | .6337734        | 2.100562        | .5337802        | .3499981        | .5023134        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.082372 | .0346472 | -.007270 | 92.76218 | .4307432 | .2327257 |
| #2 | 1.088537 | .0349591 | -.007571 | 93.56630 | .4315726 | .2335351 |
| #3 | 1.093526 | .0350748 | -.007355 | 93.67381 | .4336763 | .2350396 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.816458</b> | <b>636.6296</b> | <b>4.703304</b> | <b>46.86885</b> | <b>.6665893</b> | <b>.0017496</b> |
| Stddev | .005950         | .9261           | .056100         | .38936          | .0003407        | .0008101        |
| %RSD   | .1559010        | .1454719        | 1.192778        | .8307354        | .0511071        | 46.30313        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.810487 | 636.6577 | 4.640932 | 46.42073 | .6664560 | .0026007 |
| #2 | 3.816501 | 635.6898 | 4.719339 | 47.06142 | .6663354 | .0016602 |
| #3 | 3.822386 | 637.5414 | 4.749640 | 47.12439 | .6669764 | .0009879 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.330912</b> | <b>.7012306</b> | <b>14.67725</b> | <b>15.41876</b> | <b>1.133261</b> | <b>.1160836</b> |
| Stddev | .032395         | .0058518        | .04368          | .03031          | .001296         | .0001960        |
| %RSD   | .3471763        | .8344991        | .2975968        | .1966029        | .1143769        | .1688116        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.342855 | .6957839 | 14.65774 | 15.45371 | 1.132506 | .1162392 |
| #2 | 9.294242 | .7004908 | 14.64673 | 15.40304 | 1.132519 | .1161481 |
| #3 | 9.355640 | .7074171 | 14.72728 | 15.39954 | 1.134758 | .1158635 |

Sample Name: O1701-01      Acquired: 2/27/2023 17:53:40      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-19-SB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7312321 | 9.803651 | 4.273013 | 8.589518 | F 15.89284 | .1283494 |
| Stddev | .0009519 | .049787  | .062369  | .009147  | .03218     | .0017103 |
| %RSD   | .1301744 | .5078423 | 1.459611 | .1064915 | .2024753   | 1.332564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7322371 | 9.747976 | 4.264068 | 8.600080 | 15.89485 | .1264831 |
| #2 | .7311148 | 9.819082 | 4.339371 | 8.584267 | 15.85970 | .1287232 |
| #3 | .7303443 | 9.843896 | 4.215598 | 8.584207 | 15.92397 | .1298419 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7604992 |
| Stddev | .0084618 |
| %RSD   | 1.112663 |

|    |          |
|----|----------|
| #1 | .7509770 |
| #2 | .7633636 |
| #3 | .7671571 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7693.862 | 89391.79 | 18623.29 | 5210.803 | 7071.754 |
| Stddev    | 16.578   | 224.56   | 165.70   | 20.707   | 13.043   |
| %RSD      | .2154735 | .2512039 | .8897356 | .3973785 | .1844344 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7705.918 | 89599.62 | 18814.29 | 5218.833 | 7075.319 |
| #2 | 7700.712 | 89422.16 | 18537.62 | 5226.292 | 7082.643 |
| #3 | 7674.957 | 89153.60 | 18517.97 | 5187.284 | 7057.299 |

Sample Name: O1701-02      Acquired: 2/27/2023 17:57:22      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-19-SB02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0792535</b> | <b>-.023783</b> | <b>.1705327</b> | <b>.0510029</b> | <b>.0035064</b> | <b>164.0866</b> |
| Stddev | .0031189        | .002739         | .0014026        | .0046588        | .0014565        | .3587           |
| %RSD   | 3.935397        | 11.51788        | .8224905        | 9.134454        | 41.53903        | .2185774        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0774845 | -.021823 | .1690968 | .0478753 | .0023391 | 163.6727 |
| #2 | .0774213 | -.026913 | .1718995 | .0487761 | .0030415 | 164.2816 |
| #3 | .0828548 | -.022614 | .1706018 | .0563572 | .0051386 | 164.3055 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3718906</b> | <b>.0099605</b> | <b>-.007584</b> | <b>23.51599</b> | <b>.3508445</b> | <b>.1557669</b> |
| Stddev | .0015298        | .0000861        | .000104         | .05865          | .0002680        | .0001075        |
| %RSD   | .4113700        | .8643744        | 1.372251        | .2493868        | .0763857        | .0690056        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3707228 | .0098611 | -.007613 | 23.45133 | .3510559 | .1556428 |
| #2 | .3736224 | .0100128 | -.007670 | 23.53092 | .3509344 | .1558321 |
| #3 | .3713268 | .0100076 | -.007468 | 23.56574 | .3505431 | .1558258 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1154425</b> | <b>428.6622</b> | <b>5.869794</b> | <b>69.12314</b> | <b>.3330847</b> | <b>-.001984</b> |
| Stddev | .0009258        | .6715           | .025554         | .22015          | .0004968        | .000155         |
| %RSD   | .8019141        | .1566463        | .4353393        | .3184925        | .1491449        | 7.790983        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1148374 | 429.2236 | 5.841334 | 68.86949 | .3329682 | -.001851 |
| #2 | .1149819 | 427.9183 | 5.877278 | 69.23546 | .3326565 | -.001948 |
| #3 | .1165082 | 428.8446 | 5.890770 | 69.26449 | .3336294 | -.002154 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.726088</b> | <b>.3994297</b> | <b>.9329463</b> | <b>30.65207</b> | <b>.4570505</b> | <b>.0038393</b> |
| Stddev | .016171         | .0004330        | .0021777        | .17157          | .0015043        | .0002066        |
| %RSD   | .2824050        | .1084164        | .2334208        | .5597192        | .3291327        | 5.381453        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.744759 | .3993771 | .9306746 | 30.83512 | .4584439 | .0039764 |
| #2 | 5.716544 | .3990253 | .9331485 | 30.62615 | .4572520 | .0036017 |
| #3 | 5.716961 | .3998866 | .9350159 | 30.49494 | .4554556 | .0039399 |

Sample Name: O1701-02      Acquired: 2/27/2023 17:57:22      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: B-19-SB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0165177 | 3.515970 | 4.726759 | 7.737288 | F 112.5547 | .3407596 |
| Stddev | .0011023 | .004651  | .076214  | .008708  | .0714      | .0020517 |
| %RSD   | 6.673676 | .1322846 | 1.612404 | .1125445 | .0634673   | .6021064 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0154718 | 3.517634 | 4.699788 | 7.746360 | 112.5387 | .3388052 |
| #2 | .0164124 | 3.510716 | 4.667698 | 7.736506 | 112.4925 | .3428965 |
| #3 | .0176689 | 3.519560 | 4.812792 | 7.728997 | 112.6327 | .3405772 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3259456 |
| Stddev | .0008128 |
| %RSD   | .2493726 |

|    |          |
|----|----------|
| #1 | .3250597 |
| #2 | .3261201 |
| #3 | .3266570 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 8348.844 | 96704.83 | 20157.25 | 5708.071 | 7124.760 |
| Stddev    | 9.337    | 194.06   | 83.77    | 6.009    | 6.669    |
| %RSD      | .1118346 | .2006772 | .4155915 | .1052796 | .0935973 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 8346.885 | 96769.63 | 20243.40 | 5709.511 | 7120.354 |
| #2 | 8359.005 | 96858.20 | 20152.26 | 5713.229 | 7132.432 |
| #3 | 8340.643 | 96486.65 | 20076.08 | 5701.472 | 7121.493 |

Sample Name: O1703-01      Acquired: 2/27/2023 18:01:08      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6269850 | -.002290 | .4056324 | .0014711 | .0140977 | 136.8988 |
| Stddev | .0131925 | .000393  | .0115087 | .0040458 | .0018843 | .2433    |
| %RSD   | 2.104124 | 17.16594 | 2.837223 | 275.0183 | 13.36595 | .1777450 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6200210 | -.002679 | .3983526 | -.002761 | .0162439 | 136.8776 |
| #2 | .6422003 | -.001893 | .4189006 | .005300  | .0127149 | 137.1521 |
| #3 | .6187338 | -.002296 | .3996441 | .001874  | .0133344 | 136.6668 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7294167 | .0097304 | .0009872 | F 1699.388 | .5483057 | .0679362 |
| Stddev | .0014769 | .0000183 | .0003125 | 1.536      | .0007378 | .0017542 |
| %RSD   | .2024803 | .1881505 | 31.65159 | .0903765   | .1345578 | 2.582166 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7294020 | .0097277 | .0007425 | 1700.426 | .5477035 | .0669729 |
| #2 | .7309009 | .0097135 | .0013392 | 1697.623 | .5480850 | .0699610 |
| #3 | .7279472 | .0097499 | .0008799 | 1700.114 | .5491287 | .0668746 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2514633 | 163.7325 | 3.584995 | 79.01837 | .3316187 | .0009913 |
| Stddev | .0061096 | .8089    | .014899  | .24897   | .0077446 | .0002537 |
| %RSD   | 2.429624 | .4940493 | .4156044 | .3150828 | 2.335399 | 25.59467 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2484173 | 163.1737 | 3.585490 | 78.88122 | .3263578 | .0012462 |
| #2 | .2584971 | 164.6601 | 3.599641 | 79.30576 | .3405118 | .0007388 |
| #3 | .2474756 | 163.3636 | 3.569855 | 78.86812 | .3279865 | .0009888 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.879061 | .2413077 | .9522121 | 10.69176 | .2394640 | .0057328 |
| Stddev | .040941  | .0010941 | .0021761 | .15769   | .0012289 | .0003792 |
| %RSD   | .8391122 | .4533993 | .2285278 | 1.474849 | .5132047 | 6.614319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.841791 | .2409391 | .9545109 | 10.55924 | .2381602 | .0054041 |
| #2 | 4.922883 | .2404455 | .9519414 | 10.86616 | .2406011 | .0056467 |
| #3 | 4.872511 | .2425384 | .9501841 | 10.64988 | .2396307 | .0061477 |

Sample Name: O1703-01      Acquired: 2/27/2023 18:01:08      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: KU-CON1      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.0174238</b> | <b>5.405342</b> | <b>2.154689</b> | <b>3.448915</b> | <b>F 45.90424</b> | <b>.2846227</b> |
| Stddev | .0002848        | .013020         | .040437         | .090521         | 1.14813           | .0011312        |
| %RSD   | 1.634638        | .2408645        | 1.876680        | 2.624611        | 2.501138          | .3974352        |
| #1     | .0173075        | 5.400322        | 2.140159        | 3.392077        | 45.06986          | .2833269        |
| #2     | .0177484        | 5.420124        | 2.200383        | 3.553301        | 47.21365          | .2854128        |
| #3     | .0172156        | 5.395579        | 2.123525        | 3.401366        | 45.42921          | .2851283        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>1.379417</b> |
| Stddev | .005307         |
| %RSD   | .3847226        |
| #1     | <b>1.378139</b> |
| #2     | <b>1.385247</b> |
| #3     | <b>1.374867</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6801.067</b> | <b>80614.93</b> | <b>17769.12</b> | <b>4724.411</b> | <b>5767.951</b> |
| Stddev    | 129.227         | 154.50          | 34.80           | 14.444          | 124.088         |
| %RSD      | 1.900105        | .1916511        | .1958430        | .3057289        | 2.151338        |
| #1        | 6882.118        | 80753.88        | 17739.11        | 4708.467        | 5844.605        |
| #2        | 6652.039        | 80448.55        | 17807.27        | 4728.144        | 5624.786        |
| #3        | 6869.044        | 80642.36        | 17760.99        | 4736.623        | 5834.461        |



Sample Name: O1703-02      Acquired: 2/27/2023 18:05:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1666495 | -.008947 | .1971279 | .0131459 | .0131074 | 140.0027 |
| Stddev | .0083217 | .001574  | .0011065 | .0025130 | .0028541 | .1941    |
| %RSD   | 4.993563 | 17.59754 | .5613169 | 19.11603 | 21.77480 | .1386188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1658000 | -.010692 | .1966348 | .0126340 | .0152849 | 139.9283 |
| #2 | .1753635 | -.008518 | .1963536 | .0109284 | .0098763 | 139.8568 |
| #3 | .1587851 | -.007632 | .1983952 | .0158755 | .0141611 | 140.2230 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6739474 | .0080086 | -.002768 | F 1667.830 | .7829067 | .0729989 |
| Stddev | .0001493 | .0001490 | .000182  | 5.999      | .0036760 | .0002320 |
| %RSD   | .0221512 | 1.860656 | 6.585121 | .3597042   | .4695307 | .3177403 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6739872 | .0081614 | -.002560 | 1660.935 | .7804332 | .0728198 |
| #2 | .6737823 | .0080009 | -.002848 | 1671.855 | .7811562 | .0732609 |
| #3 | .6740728 | .0078637 | -.002897 | 1670.700 | .7871308 | .0729160 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4377663 | 246.8063 | 5.862234 | 93.53999 | .2820360 | .0031736 |
| Stddev | .0014449 | 2.8448   | .009951  | .13203   | .0005440 | .0005505 |
| %RSD   | .3300582 | 1.152656 | .1697519 | .1411530 | .1928849 | 17.34762 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4391172 | 244.1279 | 5.873724 | 93.67814 | .2823666 | .0025995 |
| #2 | .4379387 | 246.4983 | 5.856510 | 93.52679 | .2814081 | .0032241 |
| #3 | .4362429 | 249.7925 | 5.856466 | 93.41506 | .2823332 | .0036971 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.064163 | .2685974 | 1.626073 | 10.72396 | .3527650 | .0415433 |
| Stddev | .074340  | .0006140 | .002004  | .10998   | .0033588 | .0003221 |
| %RSD   | 1.225892 | .2285946 | .1232621 | 1.025579 | .9521230 | .7752789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.010179 | .2679357 | 1.625707 | 10.61526 | .3496306 | .0411733 |
| #2 | 6.033357 | .2691488 | 1.624277 | 10.72144 | .3523542 | .0417606 |
| #3 | 6.148954 | .2687078 | 1.628236 | 10.83518 | .3563103 | .0416960 |

Sample Name: O1703-02      Acquired: 2/27/2023 18:05:02      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0352748 | 5.682159 | 6.560690 | 5.697110 | F 55.06929 | .3221020 |
| Stddev | .0009228 | .013508  | .063431  | .006528  | .08476     | .0021954 |
| %RSD   | 2.616043 | .2377252 | .9668340 | .1145780 | .1539095   | .6815831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0357616 | 5.667520 | 6.500637 | 5.703501 | 54.97432 | .3221362 |
| #2 | .0358524 | 5.684816 | 6.554403 | 5.690454 | 55.09629 | .3198898 |
| #3 | .0342106 | 5.694141 | 6.627031 | 5.697375 | 55.13725 | .3242801 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 8.618272 |
| Stddev | .017798  |
| %RSD   | .2065095 |

|    |          |
|----|----------|
| #1 | 8.638696 |
| #2 | 8.606083 |
| #3 | 8.610037 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7044.324 | 81859.56 | 18107.41 | 4763.442 | 5950.912 |
| Stddev    | 9.298    | 364.10   | 118.85   | 5.221    | 6.366    |
| %RSD      | .1319905 | .4447913 | .6563736 | .1096097 | .1069716 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7040.333 | 82121.24 | 17981.47 | 4769.305 | 5949.553 |
| #2 | 7054.951 | 82013.70 | 18123.15 | 4761.729 | 5957.848 |
| #3 | 7037.688 | 81443.74 | 18217.60 | 4759.293 | 5945.337 |

Sample Name: O1703-03      Acquired: 2/27/2023 18:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3496851 | -.001608 | .2161605 | .0080371 | .0102434 | 130.3287 |
| Stddev | .0017249 | .001578  | .0025327 | .0011949 | .0002322 | .5040    |
| %RSD   | .4932589 | 98.14707 | 1.171676 | 14.86725 | 2.266946 | .3867312 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3491098 | -.003080 | .2189342 | .0085475 | .0103595 | 129.7848 |
| #2 | .3516241 | .000058  | .2155764 | .0066718 | .0099761 | 130.4215 |
| #3 | .3483215 | -.001802 | .2139709 | .0088921 | .0103947 | 130.7799 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7585935 | .0101198 | .0593924 | 1312.258 | .5378562 | .0708425 |
| Stddev | .0041487 | .0000738 | .0006217 | 13.607   | .0015916 | .0007471 |
| %RSD   | .5468914 | .7291175 | 1.046785 | 1.036942 | .2959195 | 1.054592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7548520 | .0101686 | .0601099 | 1296.600 | .5360628 | .0716667 |
| #2 | .7578733 | .0100349 | .0590522 | 1318.957 | .5391008 | .0706509 |
| #3 | .7630551 | .0101559 | .0590150 | 1321.217 | .5384051 | .0702098 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4171835 | 166.0156 | 3.396538 | 71.26990 | .3050185 | .0017515 |
| Stddev | .0052542 | .8799    | .009654  | .25626   | .0024661 | .0008538 |
| %RSD   | 1.259437 | .5299829 | .2842445 | .3595599 | .8084980 | 48.74877 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4232391 | 165.0107 | 3.386522 | 71.02626 | .3078624 | .0007963 |
| #2 | .4138338 | 166.6478 | 3.405785 | 71.24631 | .3037220 | .0020177 |
| #3 | .4144776 | 166.3882 | 3.397308 | 71.53714 | .3034712 | .0024406 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.223745 | .2718440 | 1.801728 | 11.59001 | .2481657 | .0204953 |
| Stddev | .039381  | .0007441 | .002144  | .08339   | .0019523 | .0001741 |
| %RSD   | .5451598 | .2737172 | .1189733 | .7195334 | .7866847 | .8492856 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.178948 | .2724474 | 1.803645 | 11.59388 | .2459115 | .0205882 |
| #2 | 7.252910 | .2710126 | 1.799414 | 11.67139 | .2492802 | .0202945 |
| #3 | 7.239376 | .2720721 | 1.802127 | 11.50474 | .2493056 | .0206031 |

Sample Name: O1703-03      Acquired: 2/27/2023 18:09:04      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON3      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.0166752</b> | <b>5.534718</b> | <b>3.033504</b> | <b>2.582562</b> | <b>F 38.40598</b> | <b>.2446726</b> |
| Stddev | .0007599        | .015856         | .013802         | .024874         | .41730            | .0004474        |
| %RSD   | 4.556986        | .2864779        | .4549752        | .9631503        | 1.086559          | .1828473        |
| #1     | .0159694        | 5.522300        | 3.049415        | 2.610625        | 38.88316          | .2448087        |
| #2     | .0165766        | 5.529276        | 3.026347        | 2.573826        | 38.10938          | .2450361        |
| #3     | .0174795        | 5.552578        | 3.024752        | 2.563234        | 38.22539          | .2441730        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>2.255879</b> |
| Stddev | .008337         |
| %RSD   | .3695814        |
| #1     | 2.246534        |
| #2     | 2.262556        |
| #3     | 2.258547        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6959.341</b> | <b>82513.89</b> | <b>18322.08</b> | <b>4799.816</b> | <b>6042.303</b> |
| Stddev    | 57.390          | 330.61          | 68.87           | 8.603           | 43.704          |
| %RSD      | .8246418        | .4006747        | .3758580        | .1792375        | .7233008        |
| #1        | 6893.123        | 82892.98        | 18366.10        | 4798.362        | 5991.967        |
| #2        | 6990.223        | 82363.40        | 18357.42        | 4809.053        | 6064.346        |
| #3        | 6994.676        | 82285.30        | 18242.72        | 4792.032        | 6070.595        |

Sample Name: O1703-04      Acquired: 2/27/2023 18:12:59      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0207881</b> | <b>-.003894</b> | <b>.1420814</b> | <b>.0012438</b> | <b>.0084402</b> | <b>87.02142</b> |
| Stddev | .0017847        | .001392         | .0010531        | .0010897        | .0019371        | .24981          |
| %RSD   | 8.585036        | 35.73427        | .7412211        | 87.61354        | 22.95066        | .2870691        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0205717 | -.002736 | .1411840 | .0010186 | .0069927 | 87.25874 |
| #2 | .0191215 | -.003508 | .1432408 | .0002842 | .0076873 | 86.76076 |
| #3 | .0226711 | -.005438 | .1418195 | .0024285 | .0106408 | 87.04476 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4142817</b> | <b>.0028506</b> | <b>-.001280</b> | <b>1062.148</b> | <b>.6087110</b> | <b>.0411148</b> |
| Stddev | .0021766        | .0000330        | .000104         | 7.447           | .0011726        | .0003457        |
| %RSD   | .5253784        | 1.159477        | 8.088099        | .7011345        | .1926289        | .8408091        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4152273 | .0028129 | -.001163 | 1070.539 | .6080413 | .0407179 |
| #2 | .4158255 | .0028645 | -.001316 | 1056.325 | .6080267 | .0412770 |
| #3 | .4117923 | .0028744 | -.001361 | 1059.579 | .6100649 | .0413496 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3444360</b> | <b>115.8299</b> | <b>3.394897</b> | <b>61.94776</b> | <b>.2109865</b> | <b>.0032343</b> |
| Stddev | .0015998        | .5403           | .018683         | .22753          | .0011218        | .0005003        |
| %RSD   | .4644606        | .4664622        | .5503164        | .3673007        | .5316981        | 15.46725        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3434040 | 115.3663 | 3.413633 | 62.21049 | .2107792 | .0032424 |
| #2 | .3436252 | 115.7002 | 3.376268 | 61.81611 | .2099828 | .0027300 |
| #3 | .3462788 | 116.4233 | 3.394791 | 61.81668 | .2121975 | .0037305 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.925044</b> | <b>.3253879</b> | <b>2.702801</b> | <b>11.19170</b> | <b>.2068632</b> | <b>.0749330</b> |
| Stddev | .020740         | .0041130        | .007840         | .04921          | .0011423        | .0007267        |
| %RSD   | .7090650        | 1.264026        | .2900723        | .4396962        | .5522052        | .9698380        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.909701 | .3264032 | 2.693840 | 11.16089 | .2060692 | .0742004 |
| #2 | 2.916789 | .3208623 | 2.706170 | 11.24846 | .2063481 | .0749450 |
| #3 | 2.948640 | .3288982 | 2.708394 | 11.16577 | .2081724 | .0756537 |

Sample Name: O1703-04      Acquired: 2/27/2023 18:12:59      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: KU-CON4      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.0371314</b> | <b>3.147980</b> | <b>4.116859</b> | <b>4.842861</b> | <b>F 48.18617</b> | <b>.2014479</b> |
| Stddev | .0008133        | .008209         | .006100         | .000921         | .10996            | .0013821        |
| %RSD   | 2.190303        | .2607715        | .1481653        | .0190101        | .2281946          | .6860833        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0373251 | 3.157250 | 4.119856 | 4.841986 | 48.14151 | .2026775 |
| #2 | .0378303 | 3.145063 | 4.109840 | 4.843821 | 48.10557 | .1999521 |
| #3 | .0362387 | 3.141629 | 4.120879 | 4.842776 | 48.31143 | .2017143 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>6.161143</b> |
| Stddev | .030091         |
| %RSD   | .4883971        |

|    |          |
|----|----------|
| #1 | 6.192807 |
| #2 | 6.132922 |
| #3 | 6.157700 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7375.060</b> | <b>86867.14</b> | <b>18770.89</b> | <b>5032.948</b> | <b>6374.505</b> |
| Stddev    | 5.152           | 185.54          | 94.18           | 6.343           | 3.554           |
| %RSD      | .0698543        | .2135862        | .5017350        | .1260292        | .0557486        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7380.535 | 86847.31 | 18664.96 | 5039.392 | 6371.980 |
| #2 | 7374.337 | 87061.80 | 18802.51 | 5032.741 | 6378.569 |
| #3 | 7370.308 | 86692.32 | 18845.19 | 5026.711 | 6372.967 |

Sample Name: O1703-05      Acquired: 2/27/2023 18:17:06      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T2-STONE      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100032 | -.001793 | .0267777 | .0046774 | -.000594 | 18.01924 | .0435454 |
| Stddev | .0012600 | .001782  | .0013070 | .0020873 | .000586  | .04338   | .0012321 |
| %RSD   | 12.59586 | 99.38843 | 4.881090 | 44.62416 | 98.58001 | .2407490 | 2.829394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0096954 | -.002043 | .0278778 | .0070768 | -.001010 | 17.97006 | .0449566 |
| #2 | .0089257 | .000101  | .0271224 | .0036748 | -.000848 | 18.03556 | .0426840 |
| #3 | .0113886 | -.003437 | .0253329 | .0032807 | .000076  | 18.05209 | .0429954 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015319 | -.002256 | 6.688503 | .0041020 | .0146919 | .2672030 | 79.26772 |
| Stddev | .0000624 | .000053  | .021792  | .0002068 | .0002933 | .0007198 | .36158   |
| %RSD   | 4.075799 | 2.361819 | .3258090 | 5.040522 | 1.996211 | .2693976 | .4561457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015839 | -.002316 | 6.663344 | .0042902 | .0143532 | .2668940 | 79.68517 |
| #2 | .0015491 | -.002213 | 6.700686 | .0041351 | .0148606 | .2680257 | 79.06543 |
| #3 | .0014627 | -.002239 | 6.701478 | .0038807 | .0148618 | .2666892 | 79.05257 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2897019 | 2.800877 | .0245625 | -.003309 | .3883562 | .0191353 | .1491777 |
| Stddev | .0005900 | .015276  | .0000820 | .000484  | .0084398 | .0009877 | .0002166 |
| %RSD   | .2036548 | .5453967 | .3337190 | 14.64224 | 2.173210 | 5.161406 | .1452079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2892997 | 2.793565 | .0245178 | -.002775 | .3940068 | .0179951 | .1493047 |
| #2 | .2894268 | 2.818434 | .0246571 | -.003720 | .3786546 | .0197253 | .1493009 |
| #3 | .2903792 | 2.790631 | .0245126 | -.003431 | .3924071 | .0196855 | .1489276 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.606745 | .0589148 | -.000047 | .0064303 | 1.335517 | 1.000099 | 1.317405 |
| Stddev | .060098  | .0003311 | .000297  | .0006306 | .000383  | .030801  | .002250  |
| %RSD   | .6255780 | .5619176 | 638.7022 | 9.806103 | .0287062 | 3.079835 | .1708024 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.673793 | .0587758 | .000199  | .0057847 | 1.335218 | 1.031469 | 1.315510 |
| #2 | 9.557725 | .0592927 | -.000377 | .0070447 | 1.335384 | .998929  | 1.319892 |
| #3 | 9.588717 | .0586760 | .000039  | .0064616 | 1.335949 | .969900  | 1.316815 |

Sample Name: O1703-05      Acquired: 2/27/2023 18:17:06      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: T2-STONE      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2057123</b> | <b>.0541237</b> | <b>.0096998</b> |
| Stddev | .0028971        | .0007319        | .0000488        |
| %RSD   | 1.408324        | 1.352193        | .5032378        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2045592</b> | <b>.0548206</b> | <b>.0096900</b> |
| #2 | <b>.2090084</b> | <b>.0533613</b> | <b>.0096567</b> |
| #3 | <b>.2035693</b> | <b>.0541891</b> | <b>.0097528</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>8435.206</b> | <b>96716.04</b> | <b>19798.15</b> | <b>5706.365</b> | <b>7960.614</b> |
| Stddev    | 5.215           | 90.10           | 93.11           | 19.828          | 2.194           |
| %RSD      | .0618262        | .0931627        | .4702863        | .3474777        | .0275591        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 8441.091 | 96617.08 | 19903.05 | 5700.983 | 7960.849 |
| #2 | 8433.373 | 96737.71 | 19725.29 | 5689.783 | 7958.313 |
| #3 | 8431.155 | 96793.34 | 19766.12 | 5728.328 | 7962.681 |



Sample Name: CCV05      Acquired: 2/27/2023 18:21:00      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.818485</b> | <b>4.792616</b> | <b>4.612793</b> | <b>4.903128</b> | <b>4.928527</b> | <b>9.386637</b> |
| Stddev | .003508         | .004019         | .009973         | .011448         | .016148         | .014806         |
| %RSD   | .0727948        | .0838643        | .2162066        | .2334914        | .3276338        | .1577307        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.821148 | 4.796269 | 4.609870 | 4.901479 | 4.931475 | 9.371936 |
| #2 | 4.814511 | 4.788310 | 4.604607 | 4.892593 | 4.911109 | 9.401545 |
| #3 | 4.819795 | 4.793268 | 4.623900 | 4.915311 | 4.942998 | 9.386429 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.266422</b> | <b>.2302389</b> | <b>2.343728</b> | <b>22.55906</b> | <b>.9313159</b> | <b>2.340229</b> |
| Stddev | .012635         | .0014554        | .004266         | .05017          | .0007784        | .004029         |
| %RSD   | .1363548        | .6321389        | .1820190        | .2223982        | .0835829        | .1721639        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.252565 | .2290010 | 2.341256 | 22.51778 | .9304989 | 2.339002 |
| #2 | 9.277305 | .2298736 | 2.341274 | 22.61490 | .9320490 | 2.336956 |
| #3 | 9.269395 | .2318422 | 2.348654 | 22.54451 | .9313997 | 2.344729 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.186956</b> | <b>5.475015</b> | <b>2.339922</b> | <b>25.00602</b> | <b>2.304290</b> | <b>1.203869</b> |
| Stddev | .001772         | .029894         | .007335         | .11021          | .005584         | .001670         |
| %RSD   | .1492490        | .5460104        | .3134595        | .4407230        | .2423374        | .1387420        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.185784 | 5.473783 | 2.335393 | 24.90243 | 2.299009 | 1.202149 |
| #2 | 1.186090 | 5.505506 | 2.335988 | 24.99381 | 2.303727 | 1.203972 |
| #3 | 1.188994 | 5.445756 | 2.348384 | 25.12183 | 2.310135 | 1.205485 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496            | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>27.49712</b> | <b>2.298887</b> | <b>2.490125</b> | <b>26.35452</b> | <b>F 3.895567</b> | <b>4.904513</b> |
| Stddev | .15244          | .003677         | .004245         | .18036          | .029327           | .009630         |
| %RSD   | .5543836        | .1599320        | .1704592        | .6843472        | .7528396          | .1963451        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 27.59897 | 2.296332 | 2.486157 | 26.47019 | 3.869182 | 4.907145 |
| #2 | 27.57052 | 2.297228 | 2.494601 | 26.44667 | 3.890376 | 4.893840 |
| #3 | 27.32186 | 2.303100 | 2.489617 | 26.14671 | 3.927143 | 4.912553 |

Sample Name: CCV05      Acquired: 2/27/2023 18:21:00      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.720572 | 4.559952 | F 5.596374 | 4.539971 | 4.962005 | 4.523495 |
| Stddev | .010554  | .014422  | .022962    | .013735  | .008289  | .003340  |
| %RSD   | .2235680 | .3162730 | .4102963   | .3025366 | .1670437 | .0738296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.716078 | 4.546923 | 5.608840 | 4.544378 | 4.967756 | 4.520421 |
| #2 | 4.713009 | 4.575448 | 5.610407 | 4.524573 | 4.952504 | 4.527048 |
| #3 | 4.732628 | 4.557484 | 5.569876 | 4.550961 | 4.965756 | 4.523016 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.951858 |
| Stddev | .018073  |
| %RSD   | .3649766 |

|    |          |
|----|----------|
| #1 | 4.934729 |
| #2 | 4.950098 |
| #3 | 4.970747 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 7292.182 | 84568.09 | 17656.61 | 4929.872 | 7426.137 |
| Stddev    | 15.935   | 236.95   | 55.61    | 3.983    | 9.123    |
| %RSD      | .2185205 | .2801868 | .3149267 | .0807904 | .1228515 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 7279.922 | 84326.54 | 17675.27 | 4925.665 | 7421.164 |
| #2 | 7310.194 | 84577.56 | 17700.47 | 4930.367 | 7436.666 |
| #3 | 7286.430 | 84800.15 | 17594.07 | 4933.584 | 7420.580 |

Sample Name: CCB05      Acquired: 2/27/2023 18:24:46      Type: Unk  
Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003938 | -.001261 | -.001303 | -.002798 | -.000837 | -.000904 | -.018334 |
| Stddev | .0015162 | .000734  | .000526  | .000498  | .000467  | .001677  | .001873  |
| %RSD   | 385.0604 | 58.19415 | 40.36734 | 17.81124 | 55.71497 | 185.4345 | 10.21501 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011892 | -.000498 | -.001588 | -.002870 | -.001246 | .000851  | -.019186 |
| #2 | .0013468 | -.001323 | -.001626 | -.002268 | -.000937 | -.001074 | -.016186 |
| #3 | -.001355 | -.001961 | -.000696 | -.003257 | -.000329 | -.002489 | -.019629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000074 | -.000006 | .0225249 | .0000331 | -.000217 | -.000549 | .0085997 |
| Stddev | .000031  | .000116  | .0147653 | .0004591 | .000167  | .000680  | .0055462 |
| %RSD   | 41.86225 | 1808.556 | 65.55066 | 1386.032 | 76.93988 | 123.9426 | 64.49270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000047 | .000092  | .0162809 | .0004359 | -.000323 | .000216  | .0027159 |
| #2 | -.000067 | .000022  | .0393864 | -.000467 | -.000025 | -.000777 | .0093518 |
| #3 | -.000108 | -.000133 | .0119075 | .000130  | -.000305 | -.001085 | .0137315 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000638 | .0116772 | .0004112 | .0003637 | -.003829 | .0040655 | -.000032 |
| Stddev | .0003791 | .0296977 | .0002474 | .0001884 | .009610  | .0009142 | .000298  |
| %RSD   | 594.1731 | 254.3215 | 60.16353 | 51.79120 | 250.9596 | 22.48608 | 946.2318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000007 | -.005458 | .0005504 | .0005791 | -.008691 | .0051040 | .000128  |
| #2 | .000473  | -.005480 | .0001255 | .0002300 | .007240  | .0033825 | .000153  |
| #3 | -.000275 | .045969  | .0005576 | .0002820 | -.010037 | .0037100 | -.000376 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.209744 | -.001424 | .0029298 | -.000215 | .0061996 | .0088684 | .0058675 |
| Stddev | .035846  | .000796  | .0010900 | .000593  | .0023100 | .0072959 | .0004143 |
| %RSD   | 17.09019 | 55.89163 | 37.20452 | 275.0616 | 37.26089 | 82.26837 | 7.061140 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.234158 | -.001781 | .0040879 | -.000861 | .0079839 | .0146102 | .0054285 |
| #2 | -.168591 | -.000512 | .0027777 | .000304  | .0035904 | .0113365 | .0059223 |
| #3 | -.226482 | -.001980 | .0019238 | -.000089 | .0070245 | .0006586 | .0062517 |

Sample Name: CCB05      Acquired: 2/27/2023 18:24:46      Type: Unk  
 Method: NON EPA-6010-200.7(v1741)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003333</b> | <b>.0074502</b> | <b>.0006468</b> |
| Stddev | .001187         | .0027239        | .0000676        |
| %RSD   | 35.59738        | 36.56189        | 10.44378        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002162</b> | <b>.0045250</b> | <b>.0006809</b> |
| #2 | <b>-.003302</b> | <b>.0099139</b> | <b>.0005690</b> |
| #3 | <b>-.004535</b> | <b>.0079115</b> | <b>.0006906</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>7599.019</b> | <b>87491.05</b> | <b>17739.42</b> | <b>5109.180</b> | <b>8277.986</b> |
| Stddev    | 2.505           | 407.92          | 70.40           | 18.888          | 12.701          |
| %RSD      | .0329686        | .4662412        | .3968639        | .3696967        | .1534295        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>7597.985</b> | <b>87271.17</b> | <b>17740.76</b> | <b>5100.467</b> | <b>8278.795</b> |
| #2 | <b>7597.196</b> | <b>87240.24</b> | <b>17668.36</b> | <b>5096.221</b> | <b>8264.900</b> |
| #3 | <b>7601.876</b> | <b>87961.73</b> | <b>17809.14</b> | <b>5130.853</b> | <b>8290.263</b> |