

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Temp : 1. 95°C 2. N/A

Start Digest Date: 11/07/2023 Time : 13:05 Temp : 95 °C

End Digest Date: 11/07/2023 Time : 13:35 Temp : 94 °C

Digestion tube ID: M5586

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP78130             |
| CCV               | 30mL     | MP78132             |
| CRA               | 30mL     | MP78134             |
| Blank Spike       | 0.48mL   | MP78123             |
| Matrix Spike      | 0.48mL   | MP78123             |

| Chemical Used     | ML/SAMPLE USED | Lot Number |
|-------------------|----------------|------------|
| AQUA REGIA        | 1.5mL          | MP78136    |
| KMnO4             | 4.5mL          | MP78042    |
| Hydroxylamine HCL | 2.0mL          | MP78044    |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |
| N/A               | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP78124 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP78125 |
| 2.5 ppb       | S2.5             | 30mL          | MP78126 |
| 5.0 ppb       | S5.0             | 30mL          | MP78127 |
| 7.5 ppb       | S7.5             | 30mL          | MP78128 |
| 10.0 ppb      | S10.0            | 30mL          | MP78129 |
| ICV           | ICV              | 30mL          | MP78130 |
| ICB           | ICB              | 30mL          | MP78131 |
| CCV           | CCV              | 30mL          | MP78132 |
| CCB           | CCB              | 30mL          | MP78133 |
| CRI           | CRI              | 30mL          | MP78134 |
| CHK STD       | CHK STD          | 30mL          | MP78135 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location  |
|-----------------|-----------------------------------------|-----------------------|
| 11/7/23 @ 13:10 | <i>MB - Metal Lab</i>                   | <i>PB - Metal Lab</i> |
|                 | Preparation Group                       | Analysis Group        |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|----|---------|----------|
| 05237-01      | 11TH-ST-1        | 0.56               | 35             | NA | N/A     | 3-1      |
| 05252-01      | WASTE            | 0.54               | 35             | NA | N/A     | 2        |
| 05253-01      | L-1(65FT)(5-10)  | 0.52               | 35             | NA | N/A     | 3        |
| 05253-02      | L-6(0-5)         | 0.50               | 35             | NA | N/A     | 4        |
| 05253-03      | L-3(120FT)(0-5)  | 0.50               | 35             | NA | N/A     | 5        |
| 05253-04      | L-3(195FT)(0-5)  | 0.53               | 35             | NA | N/A     | 6        |
| 05256-01      | WC-1             | 0.55               | 35             | NA | N/A     | 7        |
| 05256-05      | WC-11            | 0.55               | 35             | NA | N/A     | 8        |
| 05256-09      | WC-10            | 0.60               | 35             | NA | N/A     | 9        |
| 05257-01      | WC-6             | 0.59               | 35             | NA | N/A     | 10       |
| 05257-05      | WC-2             | 0.53               | 35             | NA | N/A     | 11       |
| 05257-05DUP   | WC-2DUP          | 0.56               | 35             | NA | N/A     | 12       |
| 05257-05MS    | WC-2MS           | 0.52               | 35             | NA | MP78123 | 13       |
| 05257-05MSD   | WC-2MSD          | 0.53               | 35             | NA | MP78123 | 14       |
| 05257-09      | WC-3             | 0.52               | 35             | NA | N/A     | 15       |
| 05266-01      | 1203             | 0.51               | 35             | NA | N/A     | 16       |
| 05270-01      | OR-3-110623      | 0.56               | 35             | NA | N/A     | 17       |
| PB156977BL    | PBS977           | 0.55               | 35             | NA | N/A     | 18       |
| PB156977BS    | LCS977           | 0.52               | 35             | NA | MP78123 | 19       |