

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

Start Digest Date: 06/26/2025 Time : 12:15 Temp : 95 °C

End Digest Date: 06/26/2025 Time : 12:45 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *AB*

Supervisor Signature: *12*

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP86204             |
| CCV               | 30mL     | MP86206             |
| CRA               | 30mL     | MP86208             |
| Blank Spike       | 0.48mL   | MP86197             |
| Matrix Spike      | 0.48mL   | MP86197             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| AQUA REGIA              | 1.5mL          | MP86210    |
| KMnO <sub>4</sub> (5%)  | 4.5mL          | MP85893    |
| Hydroxylamine HCL (12%) | 2.0mL          | MP85895    |
| PTFE Boiling Stones     | -----          | M5582      |
| 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          | MP86198 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP86199 |
| 2.5 ppb       | S2.5             | 30mL          | MP86200 |
| 5.0 ppb       | S5.0             | 30mL          | MP86201 |
| 7.5 ppb       | S7.5             | 30mL          | MP86202 |
| 10.0 ppb      | S10.0            | 30mL          | MP86203 |
| ICV           | ICV              | 30mL          | MP86204 |
| ICB           | ICB              | 30mL          | MP86205 |
| CCV           | CCV              | 30mL          | MP86206 |
| CCB           | CCB              | 30mL          | MP86207 |
| CRI           | CRI              | 30mL          | MP86208 |
| CHK STD       | CHK STD          | 30mL          | MP86209 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time     | Prepped Sample Relinquished By/Location | Received By/Location |
|-----------------|-----------------------------------------|----------------------|
| 6/26/25 @ 13:05 | AB - Dig. Lab                           | AB - Mercury Lab     |
|                 | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH  | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|-----|---------|----------|
| PB168633BL    | PBS633           | 0.52               | 35             | N/A | N/A     | N/A      |
| PB168633BS    | LCS633           | 0.54               | 35             | N/A | MP86197 | N/A      |
| Q2412-01      | TR-05-062425     | 0.51               | 35             | N/A | N/A     | N/A      |
| Q2413-01      | TP-35            | 0.57               | 35             | N/A | N/A     | N/A      |
| Q2413-02      | TP-34            | 0.53               | 35             | N/A | N/A     | N/A      |
| Q2413-03      | TP-77            | 0.56               | 35             | N/A | N/A     | N/A      |
| Q2413-04      | TP-74            | 0.51               | 35             | N/A | N/A     | N/A      |
| Q2413-05      | TP-73            | 0.57               | 35             | N/A | N/A     | N/A      |
| Q2413-06      | TP-72            | 0.58               | 35             | N/A | N/A     | N/A      |
| Q2414-01      | WC-1             | 0.51               | 35             | N/A | N/A     | N/A      |
| Q2415-01      | WC-1             | 0.58               | 35             | N/A | N/A     | N/A      |
| Q2416-01      | MH-G/H           | 0.58               | 35             | N/A | N/A     | N/A      |
| Q2419-01      | EO-03-06252025   | 0.59               | 35             | N/A | N/A     | N/A      |
| Q2420-01      | 72-11933         | 0.56               | 35             | N/A | N/A     | N/A      |
| Q2423-01      | RT915            | 0.58               | 35             | N/A | N/A     | N/A      |
| Q2425-01      | COMP-1           | 0.58               | 35             | N/A | N/A     | N/A      |
| Q2425-02      | COMP-2           | 0.56               | 35             | N/A | N/A     | N/A      |
| Q2425-03      | COMP-3           | 0.55               | 35             | N/A | N/A     | N/A      |
| Q2425-03DUP   | COMP-3DUP        | 0.53               | 35             | N/A | N/A     | N/A      |
| Q2425-03MS    | COMP-3MS         | 0.56               | 35             | N/A | MP86197 | N/A      |
| Q2425-03MSD   | COMP-3MSD        | 0.53               | 35             | N/A | MP86197 | N/A      |