

SOP ID : M7470A-Mercury-17

SDG No : NA

Matrix : WATER

Pipette ID: HG-A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M4462

Hood ID : #1

Start Digest Date: 04/17/2020 Time : 10:35 Temp : 94 °C

End Digest Date: 04/17/2020 Time : 12:35 Temp : 95 °C

Digestion tube ID: M4495

Block thermometer ID: HG-DIG#3

Dig Technician Signature: Supervisor Signature: 

Block ID/Temp : 1. N/A 2. N/A 3. 94°C 4. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| ICV           | 30mL     | MP57028             |
| CCV           | 30mL     | MP57030             |
| CRA           | 30mL     | MP57032             |
| Blank Spike   | 0.48mL   | MP57021             |
| Matrix Spike  | 0.48mL   | MP57021             |

| Chemical Used     | ML/SAMPLE USED | Lot Number |
|-------------------|----------------|------------|
| HNO3/H2SO4 1:2    | 2.5mL          | MP56919    |
| KMN04             | 4.5mL          | MP56920    |
| K2S2O8            | 2.5mL          | MP57037    |
| Hydroxylamine HCL | 2.0mL          | MP56974    |
| 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          | MP57022 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP57023 |
| 2.5 ppb       | S2.5             | 30mL          | MP57024 |
| 5.0 ppb       | S5.0             | 30mL          | MP57025 |
| 7.5 ppb       | S7.5             | 30mL          | MP57026 |
| 10.0 ppb      | S10.0            | 30mL          | MP57027 |
| ICV           | ICV              | 30mL          | MP57028 |
| ICB           | ICB              | 30mL          | MP57029 |
| CCV           | CCV              | 30mL          | MP57030 |
| CCB           | CCB              | 30mL          | MP57031 |
| CRI           | CRI              | 30mL          | MP57032 |
| CHK STD       | CHK STD          | 30mL          | MP57033 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time      | Received By                                                                         | Relinquished By                                                                      | Location |
|------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|
| 04/17/20 (13:10) |  |  | Hg Lab   |
|                  | Analysis Group                                                                      | Preparation Group                                                                    |          |

| Lab Sample ID | Client Sample ID | Initial Weight | Final Weight | pH | Comment | Prep Pos |
|---------------|------------------|----------------|--------------|----|---------|----------|
| L2305-01      | I-OC-1           | 30             | 30           | <2 | N/A     | 3-38     |
| L2305-01DUP   | I-OC-1DUP        | 30             | 30           | <2 | N/A     | 39       |
| L2305-01MS    | I-OC-1MS         | 30             | 30           | <2 | MP57021 | 40       |
| L2305-01MSD   | I-OC-1MSD        | 30             | 30           | <2 | MP57021 | 41       |
| L2305-05      | I-R-1            | 30             | 30           | <2 | N/A     | 42       |
| L2305-06      | E-R-1            | 30             | 30           | <2 | N/A     | 43       |
| L2314-16      | FB-2020-04-15    | 30             | 30           | <2 | N/A     | 44       |
| PB128311BL    | PBW311           | 30             | 30           | <2 | N/A     | 45       |
| PB128311BS    | LCS311           | 30             | 30           | <2 | MP57021 | 46       |