

SOP ID : M7471B-Mercury-17

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

Start Digest Date: 03/08/2021 Time : 13:10 Temp : 95 °C

End Digest Date: 03/08/2021 Time : 13:40 Temp : 94 °C

Digestion tube ID: M4685

Block thermometer ID: HG-DIG#3

Dig Technician Signature: 

Supervisor Signature: 

Block ID/Temp : 1. N/A 2. N/A 3. 95°C 4. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| ICV           | 30mL     | MP62331             |
| CCV           | 30mL     | MP62333             |
| CRA           | 30mL     | MP62335             |
| Blank Spike   | 0.48mL   | MP62324             |
| Matrix Spike  | 0.48mL   | MP62324             |

| Chemical Used       | ML/SAMPLE USED | Lot Number |
|---------------------|----------------|------------|
| AQUA REGIA          | 1.5mL          | MP62337    |
| KMN04               | 4.5mL          | MP62249    |
| Hydroxylamine HCL   | 2.0mL          | MP62250    |
| PTFE Boiling Stones | -----          | M4583      |
| 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          | MP62325 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP62326 |
| 2.5 ppb       | S2.5             | 30mL          | MP62327 |
| 5.0 ppb       | S5.0             | 30mL          | MP62328 |
| 7.5 ppb       | S7.5             | 30mL          | MP62329 |
| 10.0 ppb      | S10.0            | 30mL          | MP62330 |
| ICV           | ICV              | 30mL          | MP62331 |
| ICB           | ICB              | 30mL          | MP62332 |
| CCV           | CCV              | 30mL          | MP62333 |
| CCB           | CCB              | 30mL          | MP62334 |
| CRI           | CRI              | 30mL          | MP62335 |
| CHK STD       | CHK STD          | 30mL          | MP62336 |

Extraction Conformance/Non-Conformance Comments:

N/A

| Date / Time    | Received By                                                                         | Relinquished By                                                                      | Location |
|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|
| 3/8/21 @ 14:40 |  |  | Hg Cnt   |
|                | Analysis Group                                                                      | Preparation Group                                                                    |          |

| Lab Sample ID | Client Sample ID  | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|-------------------|--------------------|----------------|----|---------|----------|
| M1577-01      | 72-11939-VNJ-229  | 0.53               | 35             | NA | N/A     | 3-1      |
| M1579-01      | HR-02-030521      | 0.57               | 35             | NA | N/A     | 2        |
| M1582-01      | VEOLIA-VNJ-208    | 0.58               | 35             | NA | N/A     | 3        |
| M1582-03      | RO-363            | 0.51               | 35             | NA | N/A     | 4        |
| M1582-07      | VEOLIA-72-11991   | 0.58               | 35             | NA | N/A     | 5        |
| M1589-01      | FK-GF-02-067-A    | 0.54               | 35             | NA | N/A     | 6        |
| M1589-03      | FK-GF-02-067-B    | 0.54               | 35             | NA | N/A     | 7        |
| M1590-01      | FK-EF-01-018-ABCD | 0.50               | 35             | NA | N/A     | 8        |
| M1591-01      | FK-PS-01-070      | 0.57               | 35             | NA | N/A     | 9        |
| M1595-01      | OF-3-20210305     | 0.57               | 35             | NA | N/A     | 10       |
| M1595-01DUP   | OF-3-20210305DUP  | 0.55               | 35             | NA | N/A     | 11       |
| M1595-02      | M1595-01MS        | 0.55               | 35             | NA | MP62324 | 12       |
| M1595-03      | M1595-01MSD       | 0.57               | 35             | NA | MP62324 | 13       |
| M1595-04      | OF-4-20210305     | 0.55               | 35             | NA | N/A     | 14       |
| M1595-05      | DUP03-20210305    | 0.52               | 35             | NA | N/A     | 15       |
| PB135056BL    | PBS056            | 0.54               | 35             | NA | N/A     | 16       |
| PB135056BS    | LCS056            | 0.52               | 35             | NA | MP62324 | 17       |