

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: 06/02/2025 Time : 08:35 Temp : 94 °C

End Digest Date: 06/02/2025 Time : 09:05 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85820
CCV	30mL	MP85822
CRA	30mL	MP85824
Blank Spike	0.48mL	MP85813
Matrix Spike	0.48mL	MP85813

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85826
KMnO ₄ (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85814
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85815
2.5 ppb	S2.5	30mL	MP85816
5.0 ppb	S5.0	30mL	MP85817
7.5 ppb	S7.5	30mL	MP85818
10.0 ppb	S10.0	30mL	MP85819
ICV	ICV	30mL	MP85820
ICB	ICB	30mL	MP85821
CCV	CCV	30mL	MP85822
CCB	CCB	30mL	MP85823
CRI	CRI	30mL	MP85824
CHK STD	CHK STD	30mL	MP85825

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/2/25 9:10	AS - 1011g, 1011g	AS - 1011g, 1011g
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168249BL	PBS249	0.55	35	NA	N/A	N/A
PB168249BS	LCS249	0.52	35	NA	MP85813	N/A
Q2175-02	52725	0.58	35	NA	N/A	N/A
Q2176-01	TP-46	0.59	35	NA	N/A	N/A
Q2176-02	TP-56	0.52	35	NA	N/A	N/A
Q2176-03	TP-25	0.54	35	NA	N/A	N/A
Q2176-04	TP-26	0.54	35	NA	N/A	N/A
Q2176-05	TP-28	0.55	35	NA	N/A	N/A
Q2176-06	TP-27	0.54	35	NA	N/A	N/A
Q2176-07	TP-31	0.52	35	NA	N/A	N/A
Q2176-08	TP-65	0.56	35	NA	N/A	N/A
Q2176-08DUP	TP-65DUP	0.58	35	NA	N/A	N/A
Q2176-08MS	TP-65MS	0.54	35	NA	MP85813	N/A
Q2176-08MSD	TP-65MSD	0.56	35	NA	MP85813	N/A
Q2177-02	B-187-SB01	0.58	35	NA	N/A	N/A
Q2177-04	B-187-SB02	0.60	35	NA	N/A	N/A
Q2177-06	B-202-SB01	0.54	35	NA	N/A	N/A
Q2185-01	TP02-MHB-WC	0.52	35	NA	N/A	N/A
Q2185-05	TP01-MHB-WC	0.50	35	NA	N/A	N/A