

SOP ID : M7471B-Mercury-18

SDG No : N/A

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: 05/05/2025 Time : 14:40 Temp : 95 °C

End Digest Date: 05/05/2025 Time : 15:10 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85536
CCV	30mL	MP85538
CRA	30mL	MP85540
Blank Spike	0.48mL	MP85529
Matrix Spike	0.48mL	MP85529

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85542
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
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	MP85530
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85531
2.5 ppb	S2.5	30mL	MP85532
5.0 ppb	S5.0	30mL	MP85533
7.5 ppb	S7.5	30mL	MP85534
10.0 ppb	S10.0	30mL	MP85535
ICV	ICV	30mL	MP85536
ICB	ICB	30mL	MP85537
CCV	CCV	30mL	MP85538
CCB	CCB	30mL	MP85539
CRI	CRI	30mL	MP85540
CHK STD	CHK STD	30mL	MP85541

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25 @ 15:30	MS-1315, Lab	MS-1315, Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167875BL	PBS875	0.52	35	NA	N/A	3-1
PB167875BS	LCS875	0.54	35	NA	MP85529	2
Q1936-01DUP	SMALL-PILE-ADUP	0.59	35	NA	N/A	4
Q1936-01MS	SMALL-PILE-AMS	0.55	35	NA	MP85529	5
Q1936-01MSD	SMALL-PILE-AMSD	0.54	35	NA	MP85529	6
Q1936-01	SMALL-PILE-A	0.56	35	NA	N/A	3
Q1936-03	SMALL-PILE-B	0.59	35	NA	N/A	7
Q1936-05	SMALL-PILE-C	0.57	35	NA	N/A	8
Q1936-07	SMALL-PILE-D	0.56	35	NA	N/A	9
Q1937-01	LARGE-PILE-A	0.53	35	NA	N/A	10
Q1937-03	LARGE-PILE-B	0.55	35	NA	N/A	11
Q1937-05	LARGE-PILE-C	0.57	35	NA	N/A	12
Q1937-07	LARGE-PILE-D	0.53	35	NA	N/A	13
Q1937-09	LARGE-PILE-E	0.57	35	NA	N/A	14
Q1937-11	LARGE-PILE-F	0.56	35	NA	N/A	15
Q1938-01	LOWER-WALL-PILE-A	0.56	35	NA	N/A	16
Q1938-03	LOWER-WALL-PILE-B	0.57	35	NA	N/A	17
Q1938-05	LOWER-WALL-PILE-C	0.51	35	NA	N/A	18
Q1938-07	LOWER-WALL-PILE-D	0.51	35	NA	N/A	19
Q1946-01	BB-CONCRETE	0.52	35	NA	N/A	20
Q1947-01	MH-P	0.53	35	NA	N/A	21
Q1947-05	MH-O	0.58	35	NA	N/A	22
Q1951-01	MH-KK	0.55	35	NA	N/A	23
Q1952-01	CLEAN-FILL	0.56	35	NA	N/A	24
Q1955-01	LAW-25-0066	0.54	35	NA	N/A	25