

SOP ID : M7471B-Mercury-18, MSFAM01.1-Mercury in Soil-2

SDG No : MCOVL1/MCOVH4

Start Digest Date: 11/20/2024 Time : 18:45 Temp : 95 °C

Matrix : SOIL

End Digest Date: 11/20/2024 Time : 19:15 Temp : 96 °C

Pipette ID: HG A

Digestion tube ID: M6054

Balance ID : M SC-3

Block thermometer ID: HG-DIG#2

Filter paper ID : NA

Dig Technician Signature: MB

pH Strip ID : NA

Supervisor Signature: 12

Hood ID : #1

Temp : 1. 95°C 2. N/A

Block ID: 1. HG HOT BLOCK#2 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP83320
CCV	100mL	MP83322
Matrix Spike	1.0mL	MP83312
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	5.0mL	MP83326
KMnO4 (5%)	15.0mL	MP83208
Hydroxylamine HCL (12%)	6.0mL	MP83210
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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	100mL	MP83313
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP83315
2.5 ppb	S2.5	100mL	MP83316
5.0 ppb	S5.0	100mL	MP83317
7.5 ppb	S7.5	100mL	MP83318
10.0 ppb	S10.0	100mL	MP83319
ICV	ICV	100mL	MP83320
ICB	ICB	100mL	MP83321
CCV	CCV	100mL	MP83322
CCB	CCB	100mL	MP83323
CRI	CRI	N/A	N/A
CHK STD	CHK STD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/20/24 @ 19:50	MB - Dig, Lab	MB - metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
P4656-01	MC0VH4	0.52	100	NA	N/A	2-1
P4656-02	MC0VJ0	0.59	100	NA	N/A	2
P4656-03	MC0VM0	0.56	100	NA	N/A	3
P4656-04	MC0VM0D	0.53	100	NA	N/A	4
P4656-05	MC0VM0S	0.57	100	NA	MP83312	5
P4656-06	MC0VM6	0.56	100	NA	N/A	6
P4656-07	MC0VM7	0.53	100	NA	N/A	7
P4688-01	MC0VL1	0.51	100	NA	N/A	8
P4688-02	MC0VL2	0.50	100	NA	N/A	9
P4688-03	MC0VL3	0.50	100	NA	N/A	10
P4688-04	MC0VL4	0.57	100	NA	N/A	11
P4688-05	MC0VL5	0.59	100	NA	N/A	12
P4688-06	MC0VL6	0.56	100	NA	N/A	13
P4688-07	MC0VL7	0.59	100	NA	N/A	14
P4688-08	MC0VL8	0.50	100	NA	N/A	15
P4688-09	MC0VL9	0.50	100	NA	N/A	16
P4688-10	MC0VM0	0.55	100	NA	N/A	17
P4688-11	MC0VM0D	0.58	100	NA	N/A	18
P4688-12	MC0VM0S	0.56	100	NA	MP83312	19
P4688-13	MC0VM1	0.53	100	NA	N/A	20
P4688-14	MC0VM2	0.60	100	NA	N/A	21
P4688-15	MC0VM3	0.59	100	NA	N/A	22
P4688-16	MC0VM4	0.53	100	NA	N/A	23
P4688-17	MC0VM5	0.52	100	NA	N/A	24
PB165163BL	PBS163	0.50	100	NA	N/A	25