

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

SDG No : ME28R5

Start Digest Date: 12/12/2024 Time : 08:55 Temp : 95 °C

Matrix : SOIL

End Digest Date: 12/12/2024 Time : 09:25 Temp : 94 °C

Pipette ID: HG A

Digestion tube ID: M6054

Balance ID : M SC-3

Block thermometer ID: HG-DIG#1

Filter paper ID : NA

Dig Technician Signature: *MB*

pH Strip ID : NA

Supervisor Signature: *h*

Hood ID : #1

Temp : 1. 95°C 2. N/A

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

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP83592
CCV	100mL	MP83594
Matrix Spike	1.0mL	MP83585
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	5.0mL	MP83584
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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	100mL	MP83586
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP83587
2.5 ppb	S2.5	100mL	MP83588
5.0 ppb	S5.0	100mL	MP83589
7.5 ppb	S7.5	100mL	MP83590
10.0 ppb	S10.0	100mL	MP83591
ICV	ICV	100mL	MP83592
ICB	ICB	100mL	MP83593
CCV	CCV	100mL	MP83594
CCB	CCB	100mL	MP83595
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
12/12/24 1:45:00	<i>MB. Dig Lab</i>	<i>MB. Metal Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
P5233-01	ME28R5	0.54	100	NA	N/A	1-1
P5233-02	ME28R6	0.56	100	NA	N/A	2
P5233-03	ME28R7	0.55	100	NA	N/A	3
P5233-04	ME28R8	0.58	100	NA	N/A	4
P5233-05	ME28R9	0.50	100	NA	N/A	5
P5233-06	ME28S0	0.55	100	NA	N/A	6
P5233-07	ME28S1	0.54	100	NA	N/A	7
P5233-08	ME28S2	0.54	100	NA	N/A	8
P5233-09	ME28S3	0.57	100	NA	N/A	9
P5233-10	ME28S4	0.55	100	NA	N/A	10
P5233-11	ME28S5	0.53	100	NA	N/A	11
P5233-12	ME28S6	0.58	100	NA	N/A	12
P5233-13	ME28S7	0.53	100	NA	N/A	13
P5233-14	ME28S8	0.55	100	NA	N/A	14
P5233-15	ME28S9	0.50	100	NA	N/A	15
P5233-16	ME28T0	0.53	100	NA	N/A	16
P5233-17	ME28T1	0.57	100	NA	N/A	17
P5233-18	ME28T2	0.56	100	NA	N/A	18
P5233-19	ME28T3	0.59	100	NA	N/A	19
P5233-20	ME28S7D	0.58	100	NA	N/A	20
P5233-21	ME28S7S	0.58	100	NA	MP83585	21
PB165595BL	PBS595	0.50	100	NA	N/A	22