

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 : #3

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 10/21/2024 **Time :** 16:20 **Temp :** 94 °C

End Digest Date: 10/21/2024 **Time :** 16:50 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP82846
CCV	30mL	MP82848
CRA	30mL	MP82850
Blank Spike	0.48mL	MP82838
Matrix Spike	0.48mL	MP82838

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP828352
KMnO ₄ (5%)	4.5mL	MP82652
Hydroxylamine HCL (12%)	2.0mL	MP82654
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	MP82839
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP82841
2.5 ppb	S2.5	30mL	MP82842
5.0 ppb	S5.0	30mL	MP82843
7.5 ppb	S7.5	30mL	MP82844
10.0 ppb	S10.0	30mL	MP82845
ICV	ICV	30mL	MP82846
ICB	ICB	30mL	MP82847
CCV	CCV	30mL	MP82848
CCB	CCB	30mL	MP82849
CRI	CRI	30mL	MP82850
CHK STD	CHK STD	30mL	MP82851

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/24 17:44	<i>MB - N/A, CUS</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
P3390-01	LOD-MDL-SOIL-01-QT3-2024	0.50	35	NA	N/A	3-1
P3390-02	LOQ-SOIL-02-QT3-2024	0.50	35	NA	N/A	2
P4443-01	OG-315-HR-502-COMP-29	0.58	35	NA	N/A	3
P4443-01DUP	OG-315-HR-502-COMP-29DUP	0.56	35	NA	N/A	4
P4443-01MS	OG-315-HR-502-COMP-29MS	0.57	35	NA	MP82828	5
P4443-01MSD	OG-315-HR-502-COMP-29MSD	0.55	35	NA	MP82828	6
P4443-06	OG-315-HR-502-COMP-30	0.54	35	NA	N/A	7
P4452-01	ETGI-285	0.60	35	NA	N/A	8
P4455-01	SU-4-101824	0.52	35	NA	N/A	9
P4458-01	280517	0.51	35	NA	N/A	10
P4460-02	WB-303-TOP	0.50	35	NA	N/A	11
P4460-03	WB-303-BOT	0.55	35	NA	N/A	12
P4467-01	TP-1	0.56	35	NA	N/A	13
P4468-01	ETGI-331	0.50	35	NA	N/A	14
P4468-03	ETGI-329	0.60	35	NA	N/A	15
P4468-05	ETGI-345	0.58	35	NA	N/A	16
P4470-01	CL-01-102124	0.51	35	NA	N/A	17
P4471-01	B-180-SB01	0.58	35	NA	N/A	18
P4471-02	B-180-SB02	0.52	35	NA	N/A	19
P4472-01	BP-F-28	0.60	35	NA	N/A	20
P4472-05	BP-F-6	0.60	35	NA	N/A	21
PB164322BL	PBS322	0.57	35	NA	N/A	22
PB164322BS	LCS322	0.52	35	NA	MP82828	23