

SOP ID : M245.1-Mercury-19

SDG No : NA

Matrix : WATER

Pipette ID : HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 02/05/2025 Time : 13:05 Temp : 94 °C

End Digest Date: 02/05/2025 Time : 15:05 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84352
CCV	30mL	MP584354
CRA	30mL	MP84356
Blank Spike	0.48mL	MP84345
Matrix Spike	0.48mL	MP84345

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP83691
KMnO4 (5%)	4.5mL	MP83692
K2S2O8 (5%)	2.5mL	MP83693
Hydroxylamine HCL (12%)	2.0mL	MP83694
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	30mL	MP84346
0.05 ppb	S0.05	30mL	MP84361
0.2 ppb	S0.2	30mL	MP84347
2.5 ppb	S2.5	30mL	MP84348
5.0 ppb	S5.0	30mL	MP84349
7.5 ppb	S7.5	30mL	MP84350
10.0 ppb	S10.0	30mL	MP84351
ICV	ICV	30mL	MP84352
ICB	ICB	30mL	MP84353
CCV	CCV	30mL	MP84354
CCB	CCB	30mL	MP84355
CRI	CRI	30mL	MP84356
CHK STD	CHK STD	30mL	MP84357

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/5/25 15:30	MS - MSU Lab	MS - metal lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166583BL	PBW583	30	30	<2	N/A	3-1
PB166583BS	LCS583	30	30	<2	MP84345	2
Q1152-01DUP	EFFLUENT-DAY-1-METALSDUP	30	30	<2	N/A	4
Q1152-01MS	EFFLUENT-DAY-1-METALSMS	30	30	<2	MP84345	5
Q1152-01MSD	EFFLUENT-DAY-1-METALSMSD	30	30	<2	MP84345	6
Q1152-01	EFFLUENT-DAY-1-METALS	30	30	<2	N/A	3