

SOP ID : M245.1-Mercury-20

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: 12/01/2025 Time : 11:40 Temp : 94 °C

End Digest Date: 12/01/2025 Time : 13:40 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MD

Supervisor Signature: MD

Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP88143
CCV	30mL	MP88145
CRA	30mL	MP88147
Blank Spike	0.48mL	MP88135
Matrix Spike	0.48mL	MP88135

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
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	MP88136
0.05 ppb	S0.05	30mL	MP88137
0.2 ppb	S0.2	30mL	MP88138
2.5 ppb	S2.5	30mL	MP88139
5.0 ppb	S5.0	30mL	MP88140
7.5 ppb	S7.5	30mL	MP88141
10.0 ppb	S10.0	30mL	MP88142
ICV	ICV	30mL	MP88143
ICB	ICB	30mL	MP88144
CCV	CCV	30mL	MP88145
CCB	CCB	30mL	MP88146
CRI	CRI	30mL	MP88147
CHK STD	CHK STD	30mL	MP88148

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
012/01/25 14:40	MD met dig	MD met dig
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170773BL	PBW773	30	30	<2	N/A	3-1
PB170773BS	LCS773	30	30	<2	MP88135	2
Q3642-01MS	EFFLUENT-DAY-1-METALSMS	30	30	<2	MP88135	5
Q3642-01MSD	EFFLUENT-DAY-1-METALSMSD	30	30	<2	MP88135	6
Q3642-01DUP	EFFLUENT-DAY-1-METALSDUP	30	30	<2	N/A	4
Q3642-01	EFFLUENT-DAY-1-METALS	30	30	<2	N/A	3