

SOP ID : M7470A-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: 11/21/2025 Time : 11:05 Temp : 94 °C

End Digest Date: 11/21/2025 Time : 13:05 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: mh

Supervisor Signature: mh

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP88054
CCV	30mL	MP880578
CRA	30mL	MP88059
Blank Spike	0.48mL	MP889046
Matrix Spike	0.48mL	MP88046

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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP88047
0.05 ppb	S0.05	30mL	MP88048
0.2 ppb	S0.2	30mL	MP88049
2.5 ppb	S2.5	30mL	MP88050
5.0 ppb	S5.0	30mL	MP88051
7.5 ppb	S7.5	30mL	MP88052
10.0 ppb	S10.0	30mL	MP88053
ICV	ICV	30mL	MP88054
ICB	ICB	30mL	MP88055
CCV	CCV	30mL	MP88057
CCB	CCB	30mL	MP88058
CRI	CRI	30mL	MP88059
CHK STD	CHK STD	30mL	MP88060

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/21/25 14:05	SMR mct145	MB mct145
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170687BL	PBW687	30	30	<2	N/A	3-18
PB170687BS	LCS687	30	30	<2	MP88046	19
Q3603-01DUP	SHORT-HILLS-DWDUP	30	30	<2	N/A	21
Q3603-01MS	SHORT-HILLS-DWMS	30	30	<2	MP88046	22
Q3603-01MSD	SHORT-HILLS-DWMSD	30	30	<2	MP88046	23
Q3603-01	SHORT-HILLS-DW	30	30	<2	N/A	20
Q3700-04	EFF-WW	30	30	<2	N/A	24