

SOP ID : M7470A-Mercury-19, MSFAM01.1-Mercury in Water-2

SDG No : MC0B99/MDL-WATER

Start Digest Date: 01/16/2025 Time : 10:35 Temp : 94 °C

Matrix : WATER

End Digest Date: 01/16/2025 Time : 12:35 Temp : 95 °C

Pipette ID: HG A

Digestion tube ID: M6054

Balance ID : N/A

Block thermometer ID: HG-DIG#1

Filter paper ID : NA

Dig Technician Signature: *MS*

pH Strip ID : M6069

Supervisor Signature: *12*

Hood ID : #1

Temp : 1. 94°C 2. N/A

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

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP84083
CCV	100mL	MP84085
Matrix Spike	0.40mL	MP84075
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	7.5mL	MP83691
KMnO4 (5%)	15.0mL	MP83692
K2S2O8 (5%)	8.0mL	MP83693
Hydroxylamine HCL (12%)	6.0mL	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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	100mL	MP84076
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP84078
2.5 ppb	S2.5	100mL	MP84079
5.0 ppb	S5.0	100mL	MP84080
7.5 ppb	S7.5	100mL	MP84081
10.0 ppb	S10.0	100mL	MP84082
ICV	ICV	100mL	MP84083
ICB	ICB	100mL	MP84084
CCV	CCV	100mL	MP84085
CCB	CCB	100mL	MP84086
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
1/16/25 (13:05)	<i>MS</i> <i>129-449</i>	<i>MS-methyl log</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166082BL	PBW082	100	100	<2	N/A	1-1
Q1085-01	MC0B99	100	100	<2	N/A	2
Q1085-02	MC0BA0	100	100	<2	N/A	3
Q1085-03	MC0BA1	100	100	<2	N/A	4
Q1085-04	MC0BA2	100	100	<2	N/A	5
Q1085-05	MC0BA2D	100	100	<2	N/A	6
Q1085-06	MC0BA2S	100	100	<2	MP84075	7
Q1085-07	MC0BA4	100	100	<2	N/A	8