

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085409.D
 Acq On : 09 Jan 2025 15:15
 Operator : JC\MD
 Sample : Q1038-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250108071-01-VOA

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 00:21:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	180603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	281455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	137659	53.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.880%			
35) Dibromofluoromethane	8.159	113	107472	53.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.565	98	385402	52.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.847	95	120764	49.122	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.240%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.953	74	10141	8.025	ug/l	98
11) Tert butyl alcohol	5.512	59	57744	179.019	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	2357	0.361	ug/l #	80
20) Methylene Chloride	5.283	84	1011m	0.444	ug/l	
29) Tetrahydrofuran	7.836	42	90386	106.781	ug/l	96
40) Benzene	8.600	78	3893	0.436	ug/l	95
49) 1,4-Dioxane	9.694	88	4283	135.334	ug/l #	94
65) Chlorobenzene	11.888	112	24292	3.994	ug/l	98
68) m/p-Xylenes	12.071	106	1019	0.275	ug/l #	70
69) o-Xylene	12.394	106	1215	0.339	ug/l	83
88) 1,4-Dichlorobenzene	13.806	146	18257	4.759	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	1264	0.355	ug/l	77
95) Naphthalene	15.635	128	5788	0.961	ug/l #	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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