

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087014.D
 Acq On : 13 Jun 2025 19:51
 Operator : JC\MD
 Sample : Q2302-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250611078-02-VOARE

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 14 00:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	194559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	143349	55.030	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.060%		
35) Dibromofluoromethane	8.177	113	117876	50.834	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.660%		
50) Toluene-d8	10.571	98	486367	52.983	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.960%		
62) 4-Bromofluorobenzene	12.847	95	178943	52.468	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.940%		
Target Compounds						
						Qvalue
8) Diethyl Ether	3.989	74	6195	4.211	ug/l	98
11) Tert butyl alcohol	5.536	59	5696001	8058.605	ug/l	99
16) Acetone	4.442	43	412948	298.931	ug/l	98
17) Carbon Disulfide	4.742	76	21971	3.668	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	23767	3.031	ug/l	96
25) 2-Butanone	7.494	43	550634m	245.222	ug/l	
29) Tetrahydrofuran	7.847	42	1077967	736.946	ug/l	95
40) Benzene	8.612	78	66077	5.848	ug/l	100
51) 4-Methyl-2-Pentanone	10.453	43	33325	7.841	ug/l	87
52) Toluene	10.629	92	117077	16.955	ug/l	99
65) Chlorobenzene	11.894	112	26534	3.348	ug/l	99
67) Ethyl Benzene	11.965	91	242492	17.763	ug/l	100
68) m/p-Xylenes	12.065	106	88981	17.027	ug/l	98
69) o-Xylene	12.400	106	46826	9.356	ug/l	99
73) Isopropylbenzene	12.694	105	29376	2.340	ug/l	97
78) n-propylbenzene	13.035	91	13690	0.897	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	15371	1.483	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	57257	5.508	ug/l	100
86) p-Isopropyltoluene	13.729	119	207851	18.246	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	24483	4.239	ug/l	92
95) Naphthalene	15.641	128	387562	29.956	ug/l	100

06/16/2025
Supervised By :Mahesh
Padoda

06/16/2025

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

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