

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087213.D
 Acq On : 27 Jun 2025 12:08
 Operator : JC\MD
 Sample : Q2401-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:42:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	141577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121650	59.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.420%			
35) Dibromofluoromethane	8.171	113	88312	43.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.060%			
50) Toluene-d8	10.565	98	373564	44.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.020%			
62) 4-Bromofluorobenzene	12.847	95	127776	43.379	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 86.760%			
Target Compounds					Qvalue	
31) Cyclohexane	8.259	56	28964	9.182	ug/l	91
39) Methylcyclohexane	9.600	83	25399	6.924	ug/l	92
40) Benzene	8.612	78	7802	0.840	ug/l	95
52) Toluene	10.629	92	5788	0.975	ug/l	93
67) Ethyl Benzene	11.959	91	11235	1.197	ug/l	99
68) m/p-Xylenes	12.076	106	5672	1.579	ug/l	90
69) o-Xylene	12.394	106	4722	1.446	ug/l	90
73) Isopropylbenzene	12.694	105	72069	8.720	ug/l	100
78) n-propylbenzene	13.035	91	307113	30.170	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	210383	30.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	837189	120.926	ug/l	99
85) sec-Butylbenzene	13.612	105	32879	3.808	ug/l #	55
86) p-Isopropyltoluene	13.723	119	10647	1.503	ug/l	93
89) n-Butylbenzene	14.053	91	37604m	5.715	ug/l	
95) Naphthalene	15.635	128	19735	2.455	ug/l	98

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

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