

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087116.D
 Acq On : 19 Jun 2025 16:49
 Operator : JC\MD
 Sample : Q2333-06DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:28:34 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	199848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	402925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141552	52.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.177	113	121829	51.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	10.565	98	491679	52.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.847	95	174856	49.788	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.580%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	6735	4.746	ug/l	97
25) 2-Butanone	7.506	43	2696	1.169	ug/l #	89
31) Cyclohexane	8.259	56	19911	4.588	ug/l #	93
39) Methylcyclohexane	9.600	83	10176	2.087	ug/l	99
40) Benzene	8.612	78	238651	20.511	ug/l	99
52) Toluene	10.630	92	43840	6.166	ug/l	100
67) Ethyl Benzene	11.965	91	1074041	78.378	ug/l	100
68) m/p-Xylenes	12.076	106	204915	39.064	ug/l	98
69) o-Xylene	12.394	106	90518	18.017	ug/l	99
73) Isopropylbenzene	12.694	105	29651	2.324	ug/l	99
78) n-propylbenzene	13.035	91	73882	4.766	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	5332m	0.506	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	528348	50.025	ug/l	99
85) sec-Butylbenzene	13.618	105	4308m	0.308	ug/l	
86) p-Isopropyltoluene	13.723	119	3227	0.279	ug/l #	73
89) n-Butylbenzene	14.053	91	4533m	0.404	ug/l	
95) Naphthalene	15.635	128	177120	13.475	ug/l	100

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

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