

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087578.D
 Acq On : 15 Aug 2025 13:52
 Operator : JC\MD
 Sample : Q2821-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-COMP

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:42:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	503313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	463732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	224252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	216455	55.190	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.380%			
35) Dibromofluoromethane	8.147	113	157647	45.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.820%			
50) Toluene-d8	10.547	98	585938	47.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.620%			
62) 4-Bromofluorobenzene	12.829	95	210063	45.911	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.820%			
Target Compounds					Qvalue	
13) Acrolein	4.177	56	7482m	12.519	ug/l	
16) Acetone	4.430	43	45789	24.900	ug/l	99
25) 2-Butanone	7.477	43	17443	6.139	ug/l	93
31) Cyclohexane	8.230	56	11960m	2.481	ug/l	
39) Methylcyclohexane	9.582	83	33693	6.785	ug/l	88
40) Benzene	8.588	78	40025	2.700	ug/l	95
52) Toluene	10.612	92	73921	8.204	ug/l	92
67) Ethyl Benzene	11.941	91	22230	1.297	ug/l	97
68) m/p-Xylenes	12.053	106	178662	27.838	ug/l	91
69) o-Xylene	12.376	106	15542	2.535	ug/l	99
73) Isopropylbenzene	12.676	105	15441	1.094	ug/l	94
78) n-propylbenzene	13.018	91	41400	2.331	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	219510	18.254	ug/l	96
83) tert-Butylbenzene	13.412	119	3789	0.377	ug/l	88
84) 1,2,4-Trimethylbenzene	13.459	105	305334	24.863	ug/l	98
85) sec-Butylbenzene	13.594	105	10804m	0.714	ug/l	
86) p-Isopropyltoluene	13.712	119	17174	1.417	ug/l	99
89) n-Butylbenzene	14.023	91	16457m	1.422	ug/l	
95) Naphthalene	15.611	128	141055	9.960	ug/l	98

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

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