

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088140.D
 Acq On : 28 Oct 2025 15:22
 Operator : JC\MD
 Sample : Q3468-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-08DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:26:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	264918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	606658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	578519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	261287	57.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.080%			
35) Dibromofluoromethane	8.147	113	191286	46.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.860%			
50) Toluene-d8	10.547	98	704493	44.861	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.829	95	290199	52.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.660%			
Target Compounds					Qvalue	
16) Acetone	4.418	43	13340	5.796	ug/l	95
25) 2-Butanone	7.477	43	6923m	2.283	ug/l	
31) Cyclohexane	8.241	56	57278	8.932	ug/l	90
39) Methylcyclohexane	9.577	83	32273	4.219	ug/l	96
40) Benzene	8.588	78	566174	31.241	ug/l	99
52) Toluene	10.606	92	26800	2.399	ug/l	97
67) Ethyl Benzene	11.941	91	601841	26.101	ug/l	99
68) m/p-Xylenes	12.053	106	691823	80.076	ug/l	99
69) o-Xylene	12.376	106	533803	65.177	ug/l	99
73) Isopropylbenzene	12.676	105	61991	2.759	ug/l	99
78) n-propylbenzene	13.017	91	118405	4.318	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	65932	3.533	ug/l	85
84) 1,2,4-Trimethylbenzene	13.459	105	1746252	93.536	ug/l	99
85) sec-Butylbenzene	13.588	105	11594m	0.473	ug/l	
86) p-Isopropyltoluene	13.712	119	7870	0.401	ug/l #	75
89) n-Butylbenzene	14.023	91	10351m	0.532	ug/l	
95) Naphthalene	15.611	128	987246m	51.039	ug/l	

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

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