

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088134.D
 Acq On : 28 Oct 2025 13:17
 Operator : JC\MD
 Sample : Q3468-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 02:22:28 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	241588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	536987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	511056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	252074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	222772	53.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	106.660%		
35) Dibromofluoromethane	8.153	113	165756	45.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	10.547	98	623989	44.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.829	95	244240	49.753	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.500%		
Target Compounds					Qvalue	
16) Acetone	4.418	43	18697m	8.909	ug/l	
25) 2-Butanone	7.483	43	12861m	4.650	ug/l	
39) Methylcyclohexane	9.582	83	31945	4.718	ug/l	98
40) Benzene	8.588	78	113834	7.096	ug/l	95
52) Toluene	10.606	92	12883	1.303	ug/l	98
67) Ethyl Benzene	11.941	91	106743	5.240	ug/l	99
68) m/p-Xylenes	12.053	106	39374	5.159	ug/l	100
69) o-Xylene	12.376	106	29666	4.100	ug/l	96
73) Isopropylbenzene	12.676	105	463669	23.849	ug/l	99
78) n-propylbenzene	13.012	91	1275705	53.769	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	18705	1.158	ug/l	91
83) tert-Butylbenzene	13.412	119	8602	0.596	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	104115	6.445	ug/l	100
85) sec-Butylbenzene	13.594	105	105254	4.967	ug/l #	63
89) n-Butylbenzene	14.029	91	58561m	3.478	ug/l	
95) Naphthalene	15.611	128	947932	56.635	ug/l	100

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

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