

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088136.D
 Acq On : 28 Oct 2025 13:59
 Operator : JC\MD
 Sample : Q3468-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Oct 29 03:27:06 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	238860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	531874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	512440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	250379	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	223698	54.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	8.153	113	164260	45.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.940%	
50) Toluene-d8	10.547	98	615854	44.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.460%	
62) 4-Bromofluorobenzene	12.829	95	250761	51.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.140%	

Target Compounds

						Qvalue
6) Chloroethane	3.142	64	6643	2.670	ug/l	88
16) Acetone	4.424	43	126322	60.877	ug/l	95
25) 2-Butanone	7.477	43	48690	17.805	ug/l	92
31) Cyclohexane	8.241	56	106088	18.349	ug/l	95
39) Methylcyclohexane	9.582	83	50285	7.498	ug/l	92
40) Benzene	8.588	78	2837058	178.557	ug/l	98
52) Toluene	10.606	92	1345771	137.377	ug/l	98
67) Ethyl Benzene	11.941	91	12271883	600.837	ug/l	99
68) m/p-Xylenes	12.053	106	2542887	332.284	ug/l	100
69) o-Xylene	12.376	106	3222847	444.252	ug/l	98
73) Isopropylbenzene	12.676	105	308974	16.000	ug/l	99
78) n-propylbenzene	13.012	91	730347	30.991	ug/l	100
80) 1,3,5-Trimethylbenzene	13.135	105	78092m	4.869	ug/l	
84) 1,2,4-Trimethylbenzene	13.459	105	6250252	389.515	ug/l	100
86) p-Isopropyltoluene	13.706	119	26100	1.546	ug/l	# 74
89) n-Butylbenzene	14.029	91	37537m	2.244	ug/l	
95) Naphthalene	15.611	128	3031448m	182.341	ug/l	

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

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