

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087430.D
 Acq On : 28 Jul 2025 14:17
 Operator : JC\MD
 Sample : Q2699-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/29/2025

Quant Time: Jul 28 14:34:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	67508	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	376224	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	333013	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	155838	30.188	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.633%			
60) 4-Bromofluorobenzene	12.829	95	154553	28.262	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 94.200%			
63) Toluene-d8	10.547	98	459827	30.067	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.233%			
Target Compounds						
15) Acetone	4.424	58	174622	275.927	ug/l	Qvalue 86
18) Methylene Chloride	5.259	84	7105m	1.634	ug/l	
30) 2-Butanone	7.477	43	103196	26.669	ug/l #	96
62) Toluene	10.612	91	2581443	137.355	ug/l	99
66) Ethyl Benzene	11.947	91	6147	0.299	ug/l #	72
67) m/p-Xylenes	12.047	106	5396	0.701	ug/l	92
68) o-Xylene	12.376	106	3094	0.411	ug/l	82
76) 1,3,5-Trimethylbenzene	13.147	105	5169	0.323	ug/l	88
80) 1,2,4-Trimethylbenzene	13.465	105	11807	0.743	ug/l	93
82) p-Isopropyltoluene	13.706	119	31069	1.862	ug/l	97

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

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