

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088062.D
 Acq On : 17 Oct 2025 12:34
 Operator : JC\MD
 Sample : Q3361-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOA 251015111-01

Quant Time: Oct 18 01:28:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	56268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	286128	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	252527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	135331	30.887	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.967%			
60) 4-Bromofluorobenzene	12.823	95	123237	29.603	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.667%			
63) Toluene-d8	10.547	98	346407	30.789	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.633%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.542	62	1762	0.462	ug/l #	82
8) Diethyl Ether	3.965	74	15228	6.505	ug/l	66
12) Methyl Acetate	5.024	43	36246m	7.536	ug/l	
15) Acetone	4.418	58	1310592	1928.099	ug/l	93
18) Methylene Chloride	5.277	84	5096m	1.355	ug/l	
23) tert-Butyl Alcohol	5.518	59	6487271	6968.927	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	26182	2.050	ug/l #	86
30) 2-Butanone	7.465	43	7872769	2602.670	ug/l	96
34) Benzene	8.588	78	77179	5.673	ug/l #	83
36) 1,2-Dichloroethane	8.653	62	9260m	1.961	ug/l	
43) Ethyl Acetate	7.524	43	147822m	25.422	ug/l	
44) Isopropyl Acetate	8.659	43	21849m	2.301	ug/l	
58) 4-Methyl-2-Pentanone	10.424	43	98093	17.366	ug/l #	83
62) Toluene	10.606	91	262585	18.332	ug/l	100
64) Chlorobenzene	11.871	112	20845	2.278	ug/l	98
66) Ethyl Benzene	11.941	91	213209	13.689	ug/l	95
67) m/p-Xylenes	12.047	106	78345	13.048	ug/l	96
68) o-Xylene	12.376	106	44956	7.521	ug/l	99
69) Styrene	12.388	104	10603	1.072	ug/l #	39
70) Isopropylbenzene	12.671	105	31140	2.126	ug/l	95
74) n-propylbenzene	13.018	91	11490	0.650	ug/l	93
76) 1,3,5-Trimethylbenzene	13.153	105	15530	1.248	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	57640	4.627	ug/l	100
82) p-Isopropyltoluene	13.706	119	149310	11.530	ug/l	97
84) 1,4-Dichlorobenzene	13.788	146	25052	3.606	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	1960	0.296	ug/l	84
91) Naphthalene	15.612	128	461067	31.906	ug/l	99

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

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