

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088279.D
 Acq On : 13 Nov 2025 12:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 14 00:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	59621	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	325133	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	281891	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	166466	30.567	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.900%
60) 4-Bromofluorobenzene	12.829	95	130627	27.413	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.367%
63) Toluene-d8	10.547	98	408950	30.643	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	875	0.209	ug/l	96
3) Chloromethane	2.383	50	1127	0.261	ug/l	96
4) Vinyl Chloride	2.542	62	985	0.216	ug/l #	43
5) Bromomethane	2.977	94	786	0.323	ug/l	98
11) Methyl Iodide	4.583	142	1396	0.400	ug/l #	30
12) Methyl Acetate	5.030	43	1780	0.337	ug/l #	79
13) Acrolein	4.177	56	2354	3.025	ug/l #	43
14) Acrylonitrile	5.718	53	2492	1.037	ug/l	85
15) Acetone	4.424	58	286	0.407	ug/l #	64
16) Carbon Disulfide	4.712	76	14422	1.304	ug/l	98
18) Methylene Chloride	5.265	84	1033	0.253	ug/l #	37
23) tert-Butyl Alcohol	5.506	59	1504	1.702	ug/l #	100
26) Cyclohexane	8.241	56	1587	0.245	ug/l #	86
30) 2-Butanone	7.477	43	1282	0.365	ug/l #	88
36) 1,2-Dichloroethane	8.647	62	1389	0.220	ug/l #	76
38) Methylcyclohexane	9.582	83	3214	0.517	ug/l #	37
40) Dibromomethane	9.694	93	714	0.238	ug/l	61
46) Methyl methacrylate	9.582	41	1392	0.273	ug/l	63
48) t-1,3-Dichloropropene	10.818	75	1394	0.215	ug/l #	73
51) Ethyl methacrylate	10.547	69	1436	0.235	ug/l	82
55) 2-Chloroethyl vinyl ether	10.141	63	2034	0.577	ug/l #	64
58) 4-Methyl-2-Pentanone	10.424	43	3646	0.572	ug/l #	78
61) Tetrachloroethene	11.088	164	846	0.291	ug/l #	81
67) m/p-Xylenes	12.059	106	2685	0.403	ug/l	100
70) Isopropylbenzene	12.676	105	5277	0.317	ug/l #	77
73) Bromobenzene	12.959	156	1016	0.270	ug/l	9
74) n-propylbenzene	13.018	91	7800	0.378	ug/l	84
75) 2-Chlorotoluene	13.106	91	4019	0.320	ug/l	96
76) 1,3,5-Trimethylbenzene	13.147	105	4773	0.341	ug/l	66
78) 4-Chlorotoluene	13.206	91	4217	0.332	ug/l	74
79) tert-butylbenzene	13.418	119	5996	0.501	ug/l	91
80) 1,2,4-Trimethylbenzene	13.470	105	4753	0.342	ug/l	92
81) sec-Butylbenzene	13.588	105	11466	0.656	ug/l	91
82) p-Isopropyltoluene	13.706	119	7868	0.545	ug/l	89
85) n-Butylbenzene	14.035	91	10290	0.748	ug/l	97
86) Hexachloroethane	14.306	117	1875	0.678	ug/l	93
87) 1,2-Dichlorobenzene	14.088	146	2426	0.352	ug/l	76
89) 1,2,4-Trichlorobenzene	15.817	180	6173	1.594	ug/l	92
90) Hexachlorobutadiene	15.476	225	7073	4.703	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	15.617	128	13779	0.983	ug/l #	88
92) 1,2,3-Trichlorobenzene	15.817	180	6173	1.594	ug/l	92

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

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