

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088491.D
 Acq On : 10 Dec 2025 12:03
 Operator : JC\MD
 Sample : VN1210WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Quant Time: Dec 11 02:04:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	279896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	512638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	464243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	302126	57.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.600%			
35) Dibromofluoromethane	8.147	113	197450	55.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.160%			
50) Toluene-d8	10.541	98	712188	53.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.829	95	249748	55.066	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	82749	19.683	ug/l	97
3) Chloromethane	2.383	50	86390	19.133	ug/l	99
4) Vinyl Chloride	2.536	62	86755	18.887	ug/l	99
5) Bromomethane	2.989	94	42404	19.180	ug/l	100
6) Chloroethane	3.147	64	56571	19.901	ug/l	97
7) Trichlorofluoromethane	3.518	101	131030	20.296	ug/l	95
8) Diethyl Ether	3.959	74	47849	19.747	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	68173	19.835	ug/l	99
10) Methyl Iodide	4.583	142	58580	17.217	ug/l #	92
11) Tert butyl alcohol	5.512	59	70533	83.787	ug/l	98
12) 1,1-Dichloroethene	4.342	96	63472	18.587	ug/l	96
13) Acrolein	4.183	56	70604	87.605	ug/l	94
14) Allyl chloride	5.012	41	120689	19.068	ug/l	97
15) Acrylonitrile	5.706	53	241627	99.484	ug/l	99
16) Acetone	4.424	43	206481	108.282	ug/l	95
17) Carbon Disulfide	4.706	76	200301	17.950	ug/l	97
18) Methyl Acetate	5.024	43	119208	21.002	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	266679	20.844	ug/l	94
20) Methylene Chloride	5.265	84	80934	19.838	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	72315	19.117	ug/l	99
22) Diisopropyl ether	6.659	45	289254	21.406	ug/l	96
23) Vinyl Acetate	6.588	43	1260159	115.750	ug/l	99
24) 1,1-Dichloroethane	6.553	63	156969	20.513	ug/l	97
25) 2-Butanone	7.465	43	317156	103.459	ug/l	95
26) 2,2-Dichloropropane	7.477	77	136406	20.652	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	85160	19.371	ug/l	94
28) Bromochloromethane	7.794	49	76036	19.947	ug/l	96
29) Tetrahydrofuran	7.824	42	220027	100.066	ug/l	98
30) Chloroform	7.947	83	158499	21.079	ug/l	93
31) Cyclohexane	8.241	56	133815	19.297	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	136127	20.590	ug/l	98
36) 1,1-Dichloropropene	8.353	75	105160	19.180	ug/l	98
37) Ethyl Acetate	7.547	43	135954	18.859	ug/l	98
38) Carbon Tetrachloride	8.341	117	114063	20.898	ug/l	95
39) Methylcyclohexane	9.582	83	106499	18.160	ug/l	98
40) Benzene	8.582	78	322165	20.020	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	74755	20.936	ug/l	98
42) 1,2-Dichloroethane	8.653	62	138256	22.519	ug/l	99
43) Isopropyl Acetate	8.671	43	220654	20.033	ug/l	99
44) Trichloroethene	9.329	130	69870	18.376	ug/l	98
45) 1,2-Dichloropropane	9.600	63	85464	20.729	ug/l	97
46) Dibromomethane	9.688	93	60983	20.726	ug/l	98
47) Bromodichloromethane	9.865	83	129700	21.604	ug/l	98
48) Methyl methacrylate	9.659	41	103591	20.612	ug/l	98
49) 1,4-Dioxane	9.682	88	21469	335.910	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	692727	106.698	ug/l	99
52) Toluene	10.606	92	194573	20.940	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	125115	20.303	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	132169	20.395	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	76463	21.269	ug/l	98
56) Ethyl methacrylate	10.859	69	115793	20.391	ug/l	99
57) 1,3-Dichloropropane	11.141	76	134721	20.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	279608	85.407	ug/l	99
59) 2-Hexanone	11.176	43	413196	101.028	ug/l	98
60) Dibromochloromethane	11.335	129	88020	21.478	ug/l	100
61) 1,2-Dibromoethane	11.447	107	77397	21.260	ug/l	98
64) Tetrachloroethene	11.082	164	64200	17.444	ug/l	95
65) Chlorobenzene	11.870	112	204424	19.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	72826	20.707	ug/l	98
67) Ethyl Benzene	11.941	91	350926	19.254	ug/l	98
68) m/p-Xylenes	12.047	106	264504	39.142	ug/l	97
69) o-Xylene	12.376	106	123765	19.211	ug/l	99
70) Styrene	12.388	104	210279	20.102	ug/l	99
71) Bromoform	12.559	173	54485	21.151	ug/l #	97
73) Isopropylbenzene	12.670	105	316021	18.969	ug/l	100
74) N-amyl acetate	12.682	43	98399m	17.343	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	118148	21.936	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	111030m	21.038	ug/l	
77) Bromobenzene	12.959	156	77783	20.405	ug/l	96
78) n-propylbenzene	13.012	91	407902	20.013	ug/l	99
79) 2-Chlorotoluene	13.100	91	247457	19.882	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	272542	19.742	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	34219	18.394	ug/l #	92
82) 4-Chlorotoluene	13.200	91	257740	20.849	ug/l	100
83) tert-Butylbenzene	13.412	119	226056	19.262	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	274739	20.022	ug/l	98
85) sec-Butylbenzene	13.594	105	329448	19.541	ug/l	99
86) p-Isopropyltoluene	13.706	119	272515	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	147679	19.901	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	151712	19.518	ug/l	97
89) n-Butylbenzene	14.035	91	255518	19.036	ug/l	97
90) Hexachloroethane	14.311	117	48753	19.304	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	139106	19.921	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24058	18.410	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	75376	18.167	ug/l	99
94) Hexachlorobutadiene	15.470	225	28573	19.164	ug/l	96
95) Naphthalene	15.611	128	252994	17.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	70909	17.561	ug/l	94

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

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