

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088309.D
 Acq On : 18 Nov 2025 11:35
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Quant Time: Nov 19 03:32:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	375508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	187417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	216152	53.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	8.153	113	151108	53.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.760%			
50) Toluene-d8	10.547	98	537465	49.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.829	95	186317	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	46420	17.747	ug/l	100
3) Chloromethane	2.383	50	60929	19.800	ug/l	93
4) Vinyl Chloride	2.536	62	65220	19.452	ug/l	95
5) Bromomethane	2.983	94	39178	19.536	ug/l	99
6) Chloroethane	3.142	64	43209	17.887	ug/l	97
7) Trichlorofluoromethane	3.512	101	100965	18.880	ug/l	97
8) Diethyl Ether	3.965	74	39292	19.769	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	55247	20.021	ug/l	97
10) Methyl Iodide	4.589	142	51559	20.445	ug/l	98
11) Tert butyl alcohol	5.518	59	71859	104.024	ug/l	100
12) 1,1-Dichloroethene	4.336	96	51966	17.830	ug/l	95
13) Acrolein	4.177	56	73590	94.708	ug/l	99
14) Allyl chloride	5.018	41	99091	19.397	ug/l	98
15) Acrylonitrile	5.706	53	219566	116.685	ug/l	97
16) Acetone	4.418	43	217438	107.939	ug/l	98
17) Carbon Disulfide	4.712	76	153417	17.316	ug/l	99
18) Methyl Acetate	5.018	43	103709	25.147	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	224583	20.982	ug/l	96
20) Methylene Chloride	5.265	84	71143	21.039	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	61782	19.312	ug/l	96
22) Diisopropyl ether	6.653	45	241218	22.453	ug/l	97
23) Vinyl Acetate	6.594	43	1083238	111.934	ug/l	98
24) 1,1-Dichloroethane	6.553	63	131559	22.106	ug/l	98
25) 2-Butanone	7.471	43	306392	115.413	ug/l	100
26) 2,2-Dichloropropane	7.477	77	109455	20.239	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	74804	20.311	ug/l	93
28) Bromochloromethane	7.794	49	58581	20.833	ug/l	99
29) Tetrahydrofuran	7.824	42	194697	112.535	ug/l	98
30) Chloroform	7.941	83	134961	22.700	ug/l	92
31) Cyclohexane	8.235	56	107784	19.203	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	110672	20.900	ug/l	98
36) 1,1-Dichloropropene	8.353	75	83798	20.465	ug/l	97
37) Ethyl Acetate	7.547	43	122322	23.149	ug/l	99
38) Carbon Tetrachloride	8.347	117	94344	22.308	ug/l	98
39) Methylcyclohexane	9.582	83	93352	17.737	ug/l	95
40) Benzene	8.588	78	270790	21.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	61906	22.259	ug/l	98
42) 1,2-Dichloroethane	8.653	62	108720	24.537	ug/l	99
43) Isopropyl Acetate	8.671	43	191377	23.569	ug/l	100
44) Trichloroethene	9.335	130	62398	21.407	ug/l	95
45) 1,2-Dichloropropane	9.600	63	73974	23.497	ug/l	98
46) Dibromomethane	9.688	93	53891	24.001	ug/l	98
47) Bromodichloromethane	9.865	83	110027	24.475	ug/l	96
48) Methyl methacrylate	9.659	41	86610	23.104	ug/l	97
49) 1,4-Dioxane	9.677	88	22920	491.588	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	605325	126.017	ug/l	100
52) Toluene	10.606	92	164650	21.415	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	108779	22.735	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	115610	22.771	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	68377	23.441	ug/l	95
56) Ethyl methacrylate	10.853	69	102978	22.309	ug/l	97
57) 1,3-Dichloropropane	11.141	76	119234	23.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	242746	101.099	ug/l	100
59) 2-Hexanone	11.176	43	381411	119.694	ug/l	99
60) Dibromochloromethane	11.335	129	77397	23.345	ug/l	100
61) 1,2-Dibromoethane	11.447	107	68694	22.883	ug/l	100
64) Tetrachloroethene	11.082	164	48910	19.746	ug/l	94
65) Chlorobenzene	11.871	112	184250	21.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	62830	22.492	ug/l	97
67) Ethyl Benzene	11.941	91	310154	20.723	ug/l	99
68) m/p-Xylenes	12.047	106	227561	40.579	ug/l	100
69) o-Xylene	12.376	106	108461	20.403	ug/l	100
70) Styrene	12.394	104	189472	21.857	ug/l	99
71) Bromoform	12.559	173	47975	23.013	ug/l #	98
73) Isopropylbenzene	12.676	105	288865	19.984	ug/l	99
74) N-amyl acetate	12.588	43	90678m	22.098	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	110166	24.480	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	103208m	24.086	ug/l	
77) Bromobenzene	12.959	156	69643	22.342	ug/l	99
78) n-propylbenzene	13.012	91	360277	20.424	ug/l	99
79) 2-Chlorotoluene	13.106	91	214714	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	243644	20.295	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29249	19.041	ug/l #	88
82) 4-Chlorotoluene	13.200	91	222948	20.484	ug/l	100
83) tert-Butylbenzene	13.418	119	209137	19.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	250392	20.847	ug/l	99
85) sec-Butylbenzene	13.594	105	307322	19.505	ug/l	100
86) p-Isopropyltoluene	13.706	119	249158	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	134433	21.604	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	135899	20.334	ug/l	98
89) n-Butylbenzene	14.035	91	247997	19.808	ug/l	98
90) Hexachloroethane	14.312	117	50313	20.556	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	130312	21.725	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23882	22.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	72895	20.067	ug/l	99
94) Hexachlorobutadiene	15.470	225	29290	21.652	ug/l	98
95) Naphthalene	15.617	128	244096	19.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71625	20.564	ug/l	99

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

