

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088295.D
 Acq On : 17 Nov 2025 11:41
 Operator : JC\MD
 Sample : VN1117WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Quant Time: Nov 18 02:56:49 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	221239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	421404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	388771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	192312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	208013	54.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.740%			
35) Dibromofluoromethane	8.147	113	146260	51.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	10.541	98	530129	48.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.200%			
62) 4-Bromofluorobenzene	12.829	95	189950	49.307	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	44763	17.937	ug/l	99
3) Chloromethane	2.383	50	60179	20.497	ug/l	95
4) Vinyl Chloride	2.536	62	60734	18.986	ug/l	92
5) Bromomethane	2.983	94	39318	20.549	ug/l	93
6) Chloroethane	3.142	64	43694	18.958	ug/l	95
7) Trichlorofluoromethane	3.518	101	91120	17.859	ug/l	96
8) Diethyl Ether	3.959	74	38082	20.083	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	52250	19.846	ug/l	100
10) Methyl Iodide	4.583	142	48449	20.136	ug/l	89
11) Tert butyl alcohol	5.524	59	73420	111.397	ug/l	100
12) 1,1-Dichloroethene	4.347	96	48110	17.301	ug/l	94
13) Acrolein	4.177	56	73636	99.327	ug/l	99
14) Allyl chloride	5.018	41	94132	19.313	ug/l	96
15) Acrylonitrile	5.706	53	216492	120.588	ug/l	99
16) Acetone	4.424	43	213395	111.029	ug/l	95
17) Carbon Disulfide	4.706	76	148942	17.620	ug/l	98
18) Methyl Acetate	5.018	43	104047	26.443	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	222124	21.751	ug/l	99
20) Methylene Chloride	5.271	84	69366	21.500	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	61248	20.066	ug/l	96
22) Diisopropyl ether	6.659	45	242949	23.702	ug/l	98
23) Vinyl Acetate	6.588	43	1058980	114.692	ug/l	98
24) 1,1-Dichloroethane	6.559	63	129846	22.868	ug/l	99
25) 2-Butanone	7.471	43	307933	121.575	ug/l	100
26) 2,2-Dichloropropane	7.471	77	110796	21.473	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	76705	21.829	ug/l	98
28) Bromochloromethane	7.794	49	80524	30.014	ug/l	97
29) Tetrahydrofuran	7.824	42	194324	117.724	ug/l	98
30) Chloroform	7.947	83	135572	23.900	ug/l	99
31) Cyclohexane	8.241	56	99561	18.592	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	108351	21.447	ug/l	96
36) 1,1-Dichloropropene	8.353	75	83394	20.175	ug/l	99
37) Ethyl Acetate	7.541	43	116696	21.876	ug/l	97
38) Carbon Tetrachloride	8.347	117	90460	21.188	ug/l	91
39) Methylcyclohexane	9.582	83	83218	15.662	ug/l	97
40) Benzene	8.582	78	275341	21.872	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	62237	22.168	ug/l	98
42) 1,2-Dichloroethane	8.653	62	107367	24.004	ug/l	100
43) Isopropyl Acetate	8.671	43	186717	22.779	ug/l	97
44) Trichloroethene	9.335	130	60696	20.628	ug/l	96
45) 1,2-Dichloropropane	9.600	63	73962	23.272	ug/l	96
46) Dibromomethane	9.688	93	53551	23.625	ug/l	98
47) Bromodichloromethane	9.865	83	106261	23.415	ug/l	97
48) Methyl methacrylate	9.659	41	84081	22.218	ug/l	98
49) 1,4-Dioxane	9.676	88	21792	462.997	ug/l #	90
51) 4-Methyl-2-Pentanone	10.423	43	596541	123.020	ug/l	100
52) Toluene	10.606	92	162374	20.920	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	109773	22.727	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	116066	22.646	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	68414	23.233	ug/l	94
56) Ethyl methacrylate	10.859	69	102846	22.071	ug/l	99
57) 1,3-Dichloropropane	11.141	76	119042	23.000	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	280077	115.549	ug/l	99
59) 2-Hexanone	11.176	43	384518	119.534	ug/l	99
60) Dibromochloromethane	11.335	129	78415	23.429	ug/l	98
61) 1,2-Dibromoethane	11.447	107	66644	21.991	ug/l	97
64) Tetrachloroethene	11.082	164	50393	19.651	ug/l	96
65) Chlorobenzene	11.870	112	182367	20.658	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.935	131	64131	22.174	ug/l	97
67) Ethyl Benzene	11.941	91	303650	19.596	ug/l	100
68) m/p-Xylenes	12.053	106	230809	39.754	ug/l	100
69) o-Xylene	12.376	106	109454	19.887	ug/l	99
70) Styrene	12.388	104	187725	20.917	ug/l	99
71) Bromoform	12.559	173	48391	22.421	ug/l #	98
73) Isopropylbenzene	12.676	105	275626	18.583	ug/l	98
74) N-amyl acetate	12.694	43	91611m	21.757	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	104256	22.577	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	85096m	19.354	ug/l	
77) Bromobenzene	12.959	156	68690	21.476	ug/l	98
78) n-propylbenzene	13.012	91	348613	19.260	ug/l	99
79) 2-Chlorotoluene	13.106	91	213318	20.665	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	236703	19.215	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	29098	18.461	ug/l	92
82) 4-Chlorotoluene	13.200	91	222250	19.901	ug/l	98
83) tert-Butylbenzene	13.417	119	197535	17.951	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	244017	19.799	ug/l	98
85) sec-Butylbenzene	13.594	105	284370	17.589	ug/l	99
86) p-Isopropyltoluene	13.706	119	238909	18.421	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	129291	20.249	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	138473	20.192	ug/l	98
89) n-Butylbenzene	14.035	91	224163	17.449	ug/l	99
90) Hexachloroethane	14.311	117	47944	19.089	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	129270	21.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22765	21.180	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	70341	18.871	ug/l	98
94) Hexachlorobutadiene	15.470	225	25879	18.643	ug/l	98
95) Naphthalene	15.611	128	240406	18.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	69925	19.564	ug/l	99

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

