

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088171.D
 Acq On : 29 Oct 2025 18:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 30 04:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/30/2025
 Supervised By : Mahesh Dadoda 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	326836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	623031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	559922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	272983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263944	46.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.400%		
35) Dibromofluoromethane	8.147	113	178835	42.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.460%		
50) Toluene-d8	10.547	98	670470	41.573	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.140%#		
62) 4-Bromofluorobenzene	12.829	95	258190	45.331	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	155067	42.061	ug/l	98
3) Chloromethane	2.383	50	194976	44.954	ug/l	98
4) Vinyl Chloride	2.536	62	211200	44.691	ug/l	98
5) Bromomethane	2.977	94	119739	42.361	ug/l	97
6) Chloroethane	3.136	64	143093	42.026	ug/l	97
7) Trichlorofluoromethane	3.512	101	309064	41.004	ug/l	97
8) Diethyl Ether	3.965	74	138760	49.533	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	166924	42.918	ug/l	98
10) Methyl Iodide	4.583	142	170204	44.848	ug/l	99
11) Tert butyl alcohol	5.518	59	237458	243.881	ug/l	99
12) 1,1-Dichloroethene	4.342	96	173646	42.270	ug/l	96
13) Acrolein	4.177	56	354907	324.057	ug/l	100
14) Allyl chloride	5.018	41	346916	48.180	ug/l	99
15) Acrylonitrile	5.706	53	691639	260.779	ug/l	98
16) Acetone	4.424	43	619931	218.338	ug/l	98
17) Carbon Disulfide	4.706	76	505917	40.514	ug/l	99
18) Methyl Acetate	5.018	43	311900	53.657	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	801357	53.118	ug/l	100
20) Methylene Chloride	5.265	84	225848	51.088	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	202550	44.920	ug/l	98
22) Diisopropyl ether	6.659	45	796274	52.585	ug/l	99
23) Vinyl Acetate	6.589	43	3657979	268.176	ug/l	99
24) 1,1-Dichloroethane	6.553	63	424387	50.594	ug/l	96
25) 2-Butanone	7.465	43	948537	253.497	ug/l	99
26) 2,2-Dichloropropane	7.471	77	331476	43.485	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	256732	49.457	ug/l	96
28) Bromochloromethane	7.800	49	177732	44.843	ug/l	100
29) Tetrahydrofuran	7.824	42	617387	253.178	ug/l	99
30) Chloroform	7.947	83	435000	51.911	ug/l	99
31) Cyclohexane	8.241	56	328710	41.550	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	356679	47.790	ug/l	98
36) 1,1-Dichloropropene	8.353	75	290743	47.574	ug/l	99
37) Ethyl Acetate	7.547	43	397615	50.416	ug/l	97
38) Carbon Tetrachloride	8.347	117	288253	45.667	ug/l	97
39) Methylcyclohexane	9.582	83	287672	36.621	ug/l	98
40) Benzene	8.588	78	906895	48.726	ug/l	97

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41) Methacrylonitrile	7.765	41	208453	50.219	ug/l	99
42) 1,2-Dichloroethane	8.653	62	362258	54.779	ug/l	97
43) Isopropyl Acetate	8.671	43	635733	52.459	ug/l	98
44) Trichloroethene	9.335	130	202558	46.562	ug/l	99
45) 1,2-Dichloropropane	9.600	63	235800	50.183	ug/l	98
46) Dibromomethane	9.688	93	169088	50.456	ug/l	98
47) Bromodichloromethane	9.871	83	343338	51.172	ug/l	98
48) Methyl methacrylate	9.659	41	305222	54.552	ug/l	98
49) 1,4-Dioxane	9.677	88	64038	920.255	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1932869	269.604	ug/l	99
52) Toluene	10.606	92	556752	48.518	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	367487	51.462	ug/l	98
54) cis-1,3-Dichloropropene	10.288	75	389998	51.467	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	219745	50.475	ug/l	97
56) Ethyl methacrylate	10.853	69	389374	56.517	ug/l	98
57) 1,3-Dichloropropane	11.141	76	401675	52.492	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	1060490	295.928	ug/l	100
59) 2-Hexanone	11.177	43	1338400	281.417	ug/l	100
60) Dibromochloromethane	11.335	129	244819	49.476	ug/l	100
61) 1,2-Dibromoethane	11.447	107	223991	49.992	ug/l	99
64) Tetrachloroethene	11.082	164	160110	43.351	ug/l	95
65) Chlorobenzene	11.871	112	602136	47.360	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.935	131	204988	49.212	ug/l	99
67) Ethyl Benzene	11.941	91	1071759	48.024	ug/l	100
68) m/p-Xylenes	12.047	106	796219	95.220	ug/l	99
69) o-Xylene	12.376	106	393252	49.611	ug/l	98
70) Styrene	12.388	104	677275	52.396	ug/l	97
71) Bromoform	12.559	173	156102	50.218	ug/l #	97
73) Isopropylbenzene	12.671	105	995438	47.279	ug/l	100
74) N-amyl acetate	12.500	43	239515	40.074	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.912	83	329569	50.278	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	315463m	50.545	ug/l	
77) Bromobenzene	12.959	156	233807	51.497	ug/l	98
78) n-propylbenzene	13.012	91	1176487	45.789	ug/l	100
79) 2-Chlorotoluene	13.100	91	750473	51.217	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	839120	47.989	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	103564	46.288	ug/l	93
82) 4-Chlorotoluene	13.200	91	783626	49.431	ug/l	98
83) tert-Butylbenzene	13.412	119	690428	44.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	858564	49.075	ug/l	97
85) sec-Butylbenzene	13.594	105	940367	40.976	ug/l	100
86) p-Isopropyltoluene	13.706	119	789094	42.862	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	443061	48.884	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	450295	46.257	ug/l	99
89) n-Butylbenzene	14.029	91	725516	39.785	ug/l	99
90) Hexachloroethane	14.306	117	140239	39.336	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	425430	48.695	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	78544	51.481	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	226253	42.761	ug/l	98
94) Hexachlorobutadiene	15.470	225	65785	33.387	ug/l	98
95) Naphthalene	15.612	128	888045	48.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	214151	42.211	ug/l	97

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

