

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086722.D
 Acq On : 21 May 2025 11:10
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 22 01:18:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/22/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144979	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	127804	50.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.165	113	101679	51.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	10.565	98	425210	51.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.847	95	155596	53.877	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.760%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	115898	58.870	ug/l	99
3) Chloromethane	2.359	50	155389	52.184	ug/l	99
4) Vinyl Chloride	2.512	62	142605	53.325	ug/l	95
5) Bromomethane	2.953	94	75054	48.684	ug/l	95
6) Chloroethane	3.118	64	89611	51.152	ug/l	99
7) Trichlorofluoromethane	3.500	101	169235	52.954	ug/l	94
8) Diethyl Ether	3.959	74	69530	52.665	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	104228	54.477	ug/l	99
10) Methyl Iodide	4.583	142	114697	48.193	ug/l	98
11) Tert butyl alcohol	5.512	59	104653	228.112	ug/l	100
12) 1,1-Dichloroethene	4.342	96	105531	51.901	ug/l	96
13) Acrolein	4.177	56	128968	262.961	ug/l	98
14) Allyl chloride	5.024	41	161817	52.579	ug/l	97
15) Acrylonitrile	5.712	53	292576	257.566	ug/l	100
16) Acetone	4.418	43	220911	234.441	ug/l	98
17) Carbon Disulfide	4.712	76	299879	53.269	ug/l	100
18) Methyl Acetate	5.018	43	127415	48.312	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	361423	52.203	ug/l	99
20) Methylene Chloride	5.277	84	123862	49.812	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	112592	52.374	ug/l	100
22) Diisopropyl ether	6.665	45	373109	53.737	ug/l	98
23) Vinyl Acetate	6.600	43	1363220	261.239	ug/l	100
24) 1,1-Dichloroethane	6.565	63	213270	52.317	ug/l	99
25) 2-Butanone	7.477	43	364333	250.212	ug/l	100
26) 2,2-Dichloropropane	7.488	77	180472	53.646	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	135427	51.323	ug/l	98
28) Bromochloromethane	7.812	49	93646	50.562	ug/l	99
29) Tetrahydrofuran	7.835	42	241092	253.670	ug/l	98
30) Chloroform	7.959	83	209502	51.346	ug/l	98
31) Cyclohexane	8.253	56	190712	50.444	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	177954	51.729	ug/l	100
36) 1,1-Dichloropropene	8.371	75	154110	52.936	ug/l	99
37) Ethyl Acetate	7.553	43	143549	48.813	ug/l	99
38) Carbon Tetrachloride	8.359	117	151468	52.805	ug/l	99
39) Methylcyclohexane	9.600	83	172177	54.644	ug/l	99
40) Benzene	8.600	78	495006	52.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80906	50.954	ug/l	98
42) 1,2-Dichloroethane	8.665	62	150262	50.786	ug/l	99
43) Isopropyl Acetate	8.682	43	255716	43.376	ug/l	98
44) Trichloroethene	9.347	130	120144	52.450	ug/l	96
45) 1,2-Dichloropropane	9.618	63	120516	53.419	ug/l	99
46) Dibromomethane	9.706	93	78413	51.509	ug/l	98
47) Bromodichloromethane	9.882	83	166192	52.985	ug/l	98
48) Methyl methacrylate	9.676	41	116487	50.991	ug/l	98
49) 1,4-Dioxane	9.688	88	48790	1008.620	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	745520	250.764	ug/l	100
52) Toluene	10.629	92	308943	52.340	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	179673	54.103	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	195518	53.933	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111715	50.737	ug/l	99
56) Ethyl methacrylate	10.871	69	187535	53.047	ug/l	99
57) 1,3-Dichloropropane	11.159	76	196369	51.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418673	264.980	ug/l	98
59) 2-Hexanone	11.194	43	545131	251.092	ug/l	100
60) Dibromochloromethane	11.359	129	122673	53.161	ug/l	100
61) 1,2-Dibromoethane	11.465	107	113240	51.179	ug/l	99
64) Tetrachloroethene	11.100	164	124195	54.103	ug/l	99
65) Chlorobenzene	11.888	112	341449	51.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	110321	52.007	ug/l	99
67) Ethyl Benzene	11.959	91	594704	52.840	ug/l	99
68) m/p-Xylenes	12.065	106	462041	108.385	ug/l	99
69) o-Xylene	12.394	106	224490	52.969	ug/l	98
70) Styrene	12.406	104	381112	54.925	ug/l	99
71) Bromoform	12.576	173	79171	52.479	ug/l #	99
73) Isopropylbenzene	12.694	105	542341	48.435	ug/l	99
74) N-amyl acetate	12.488	43	221086	47.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	154756	44.987	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	150303m	45.840	ug/l	
77) Bromobenzene	12.976	156	131191	46.577	ug/l	99
78) n-propylbenzene	13.029	91	654516	50.935	ug/l	99
79) 2-Chlorotoluene	13.123	91	408385	48.878	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	456764	50.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	67662	52.078	ug/l	93
82) 4-Chlorotoluene	13.217	91	414638	50.091	ug/l	98
83) tert-Butylbenzene	13.435	119	382099	48.840	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	463485	51.881	ug/l	99
85) sec-Butylbenzene	13.612	105	546759	52.121	ug/l	100
86) p-Isopropyltoluene	13.723	119	460296	53.531	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	249485	51.150	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	250982	51.935	ug/l	98
89) n-Butylbenzene	14.053	91	393778	55.241	ug/l	100
90) Hexachloroethane	14.329	117	74662	52.332	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	237916	51.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28181	49.451	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	105110	53.676	ug/l	100
94) Hexachlorobutadiene	15.500	225	42304	52.069	ug/l	98
95) Naphthalene	15.635	128	336451	49.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	98958	51.603	ug/l	99

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Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)

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

