

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086481.D
 Acq On : 05 May 2025 13:02
 Operator : JC\MD
 Sample : VN0505WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:44:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147153	51.644	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.165	113	98358	57.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.620%			
50) Toluene-d8	10.565	98	467119	51.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.847	95	166342	50.152	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45545	19.553	ug/l	95
3) Chloromethane	2.359	50	60081	17.747	ug/l	100
4) Vinyl Chloride	2.518	62	61363	18.995	ug/l	97
5) Bromomethane	2.959	94	34989	24.079	ug/l	95
6) Chloroethane	3.118	64	41536	19.211	ug/l	100
7) Trichlorofluoromethane	3.500	101	72291	20.202	ug/l	96
8) Diethyl Ether	3.959	74	28241	18.078	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	43345	20.023	ug/l	98
10) Methyl Iodide	4.589	142	54089	22.727	ug/l	94
11) Tert butyl alcohol	5.518	59	45454	87.429	ug/l	100
12) 1,1-Dichloroethene	4.342	96	44135	19.083	ug/l	94
13) Acrolein	4.177	56	23490	87.062	ug/l	97
14) Allyl chloride	5.018	41	68325	16.619	ug/l	98
15) Acrylonitrile	5.718	53	118119	91.907	ug/l	99
16) Acetone	4.430	43	94899	92.739	ug/l	100
17) Carbon Disulfide	4.712	76	122600	17.704	ug/l	97
18) Methyl Acetate	5.024	43	55592	16.253	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	159201	18.726	ug/l	99
20) Methylene Chloride	5.271	84	52689	20.002	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	47311	19.567	ug/l	92
22) Diisopropyl ether	6.671	45	158120	17.679	ug/l	98
23) Vinyl Acetate	6.600	43	645338	103.219	ug/l	97
24) 1,1-Dichloroethane	6.565	63	90200	19.114	ug/l	98
25) 2-Butanone	7.477	43	156656	88.327	ug/l	94
26) 2,2-Dichloropropane	7.483	77	82783	19.593	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	59708	19.896	ug/l	96
28) Bromochloromethane	7.812	49	36734	18.359	ug/l	90
29) Tetrahydrofuran	7.835	42	104135	87.803	ug/l	97
30) Chloroform	7.965	83	93481	20.166	ug/l	99
31) Cyclohexane	8.253	56	81461	17.641	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82275	20.747	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65288	19.211	ug/l	98
37) Ethyl Acetate	7.559	43	66017	18.452	ug/l	95
38) Carbon Tetrachloride	8.359	117	66692	20.607	ug/l	97
39) Methylcyclohexane	9.600	83	74520	18.449	ug/l	95
40) Benzene	8.606	78	213326	19.592	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34423	16.601	ug/l	91
42) 1,2-Dichloroethane	8.671	62	71406	20.565	ug/l	99
43) Isopropyl Acetate	8.688	43	126913	18.324	ug/l	98
44) Trichloroethene	9.353	130	52520	20.351	ug/l	95
45) 1,2-Dichloropropane	9.618	63	50856	19.081	ug/l	99
46) Dibromomethane	9.706	93	35677	21.009	ug/l	96
47) Bromodichloromethane	9.882	83	75382	20.553	ug/l	98
48) Methyl methacrylate	9.677	41	54587	17.374	ug/l	95
49) 1,4-Dioxane	9.694	88	21197	396.625	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	340895	93.047	ug/l	98
52) Toluene	10.629	92	138652	20.408	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	81152	19.821	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	85142	18.934	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	51087	20.900	ug/l	98
56) Ethyl methacrylate	10.871	69	85820	19.100	ug/l	97
57) 1,3-Dichloropropane	11.159	76	88498	20.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	175389	82.241	ug/l	97
59) 2-Hexanone	11.194	43	255604	94.059	ug/l	100
60) Dibromochloromethane	11.359	129	57296	21.346	ug/l	99
61) 1,2-Dibromoethane	11.465	107	51455	20.862	ug/l	98
64) Tetrachloroethene	11.100	164	51243	19.975	ug/l	98
65) Chlorobenzene	11.888	112	152591	20.502	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50098	20.404	ug/l	100
67) Ethyl Benzene	11.959	91	265929	19.800	ug/l	100
68) m/p-Xylenes	12.065	106	202748	40.289	ug/l	97
69) o-Xylene	12.394	106	101213	20.337	ug/l	97
70) Styrene	12.406	104	166189	20.041	ug/l	99
71) Bromoform	12.576	173	37113	20.076	ug/l #	99
73) Isopropylbenzene	12.694	105	243827	20.198	ug/l	100
74) N-amyl acetate	12.488	43	108683	18.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	73655	21.220	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	69462m	19.946	ug/l	
77) Bromobenzene	12.976	156	59108	22.098	ug/l	92
78) n-propylbenzene	13.035	91	288441	20.277	ug/l	99
79) 2-Chlorotoluene	13.123	91	181075	20.343	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	201865	20.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	27567	19.011	ug/l	93
82) 4-Chlorotoluene	13.217	91	177105	20.030	ug/l	97
83) tert-Butylbenzene	13.435	119	174852	20.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	203281	20.212	ug/l	100
85) sec-Butylbenzene	13.612	105	244446	20.585	ug/l	99
86) p-Isopropyltoluene	13.723	119	205137	20.958	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	102825	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	103560	20.448	ug/l	99
89) n-Butylbenzene	14.053	91	170904	19.699	ug/l	99
90) Hexachloroethane	14.329	117	33653	20.441	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	99193	20.347	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12990	18.561	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	43550	18.656	ug/l	99
94) Hexachlorobutadiene	15.494	225	18264	20.727	ug/l	98
95) Naphthalene	15.635	128	143324	17.320	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	42531	19.244	ug/l	99

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

