

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086478.D
 Acq On : 05 May 2025 11:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 06 01:43:21 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	8.218	168	154484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126143	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	78358	56.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.565	98	380448	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	142048	52.810	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	82797	45.212	ug/l	97
3) Chloromethane	2.359	50	124341	46.718	ug/l	97
4) Vinyl Chloride	2.512	62	117200	46.145	ug/l	99
5) Bromomethane	2.953	94	71282	62.395	ug/l	99
6) Chloroethane	3.118	64	80740	47.499	ug/l	99
7) Trichlorofluoromethane	3.495	101	134221	47.709	ug/l	98
8) Diethyl Ether	3.953	74	64966	52.896	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	83015	48.778	ug/l	99
10) Methyl Iodide	4.589	142	114063	60.961	ug/l	100
11) Tert butyl alcohol	5.518	59	108474	265.389	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86114	47.361	ug/l	98
13) Acrolein	4.177	56	68891	368.613	ug/l	96
14) Allyl chloride	5.024	41	142017	43.937	ug/l	94
15) Acrylonitrile	5.718	53	270801	268.011	ug/l	100
16) Acetone	4.424	43	215081	278.344	ug/l	99
17) Carbon Disulfide	4.712	76	236748	43.485	ug/l	98
18) Methyl Acetate	5.018	43	128186	47.670	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	364510	54.536	ug/l	99
20) Methylene Chloride	5.271	84	112578	54.360	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97661	51.375	ug/l	97
22) Diisopropyl ether	6.671	45	363854	51.747	ug/l	98
23) Vinyl Acetate	6.600	43	1330427	270.668	ug/l	99
24) 1,1-Dichloroethane	6.571	63	194515	52.430	ug/l	100
25) 2-Butanone	7.477	43	362574	260.025	ug/l	98
26) 2,2-Dichloropropane	7.488	77	165135	49.713	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128100	54.294	ug/l	95
28) Bromochloromethane	7.812	49	82364	52.359	ug/l	93
29) Tetrahydrofuran	7.835	42	240446	257.870	ug/l	97
30) Chloroform	7.965	83	201773	55.364	ug/l	98
31) Cyclohexane	8.253	56	154302	42.503	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	161979	51.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	132456	48.061	ug/l	99
37) Ethyl Acetate	7.559	43	144768	49.894	ug/l	100
38) Carbon Tetrachloride	8.359	117	131483	50.096	ug/l	97
39) Methylcyclohexane	9.600	83	146265	44.650	ug/l	99
40) Benzene	8.600	78	458081	51.877	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87486	52.024	ug/l	98
42) 1,2-Dichloroethane	8.665	62	158498	56.287	ug/l	99
43) Isopropyl Acetate	8.682	43	281615	54.566	ug/l	100
44) Trichloroethene	9.347	130	110489	52.792	ug/l	97
45) 1,2-Dichloropropane	9.618	63	113518	52.519	ug/l	100
46) Dibromomethane	9.706	93	80677	58.582	ug/l	97
47) Bromodichloromethane	9.882	83	166167	55.865	ug/l	98
48) Methyl methacrylate	9.677	41	126557	49.669	ug/l	96
49) 1,4-Dioxane	9.694	88	46836	1080.631	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	783175	263.592	ug/l	98
52) Toluene	10.629	92	290954	52.807	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	186288	56.106	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	192540	52.796	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113496	57.253	ug/l	95
56) Ethyl methacrylate	10.871	69	196399	53.899	ug/l	98
57) 1,3-Dichloropropane	11.159	76	197019	56.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	412328	238.408	ug/l	98
59) 2-Hexanone	11.194	43	576127	261.423	ug/l	99
60) Dibromochloromethane	11.359	129	126605	58.161	ug/l	98
61) 1,2-Dibromoethane	11.465	107	117011	58.498	ug/l	100
64) Tetrachloroethene	11.100	164	106562	50.118	ug/l	99
65) Chlorobenzene	11.888	112	324322	52.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110992	54.541	ug/l	99
67) Ethyl Benzene	11.959	91	552537	49.637	ug/l	99
68) m/p-Xylenes	12.070	106	426898	102.350	ug/l	98
69) o-Xylene	12.394	106	211945	51.383	ug/l	99
70) Styrene	12.406	104	368683	53.644	ug/l	99
71) Bromoform	12.576	173	86154	56.230	ug/l #	98
73) Isopropylbenzene	12.694	105	503533	45.987	ug/l	99
74) N-amyl acetate	12.488	43	248033	45.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	158899	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	152035m	48.132	ug/l	
77) Bromobenzene	12.976	156	128740	53.065	ug/l	93
78) n-propylbenzene	13.035	91	597398	46.301	ug/l	100
79) 2-Chlorotoluene	13.123	91	388583	48.130	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	426330	47.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	68858	52.354	ug/l	87
82) 4-Chlorotoluene	13.217	91	394754	49.221	ug/l	99
83) tert-Butylbenzene	13.435	119	353792	45.561	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	445744	48.864	ug/l	99
85) sec-Butylbenzene	13.612	105	493958	45.861	ug/l	100
86) p-Isopropyltoluene	13.723	119	425158	47.890	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	239188	52.446	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	242338	52.755	ug/l	98
89) n-Butylbenzene	14.053	91	366963	46.633	ug/l	99
90) Hexachloroethane	14.329	117	69887	46.800	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	234928	53.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31129	49.038	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	113531	53.621	ug/l	99
94) Hexachlorobutadiene	15.494	225	36952	46.233	ug/l	100
95) Naphthalene	15.635	128	385090	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107122	53.440	ug/l	99

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

