

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN086996.D
 Acq On : 13 Jun 2025 12:52
 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 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Quant Time: Jun 14 00:25:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	190412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126564	49.645	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.171	113	110945	53.613	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.220%		
50) Toluene-d8	10.571	98	395054	48.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.440%		
62) 4-Bromofluorobenzene	12.847	95	155769	51.180	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	94130	49.581	ug/l	99
3) Chloromethane	2.395	50	106972	43.634	ug/l	95
4) Vinyl Chloride	2.553	62	132265	52.300	ug/l	98
5) Bromomethane	2.989	94	66850	47.236	ug/l	91
6) Chloroethane	3.153	64	85416	52.288	ug/l	97
7) Trichlorofluoromethane	3.524	101	165154	49.983	ug/l	98
8) Diethyl Ether	3.983	74	85377	59.305	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	102200	49.231	ug/l	99
10) Methyl Iodide	4.618	142	81332	30.223	ug/l	96
11) Tert butyl alcohol	5.542	59	179272	259.155	ug/l	98
12) 1,1-Dichloroethene	4.365	96	110621	52.196	ug/l	89
13) Acrolein	4.200	56	29452	134.505	ug/l	99
14) Allyl chloride	5.047	41	167560	47.673	ug/l	95
15) Acrylonitrile	5.736	53	429249	265.480	ug/l	100
16) Acetone	4.447	43	329234	243.522	ug/l	96
17) Carbon Disulfide	4.742	76	327418	55.851	ug/l	100
18) Methyl Acetate	5.047	43	165652	42.045	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	426708	55.607	ug/l	100
20) Methylene Chloride	5.294	84	136185	53.804	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	123359	52.316	ug/l	97
22) Diisopropyl ether	6.689	45	372100	50.223	ug/l	96
23) Vinyl Acetate	6.618	43	1729112	276.228	ug/l	97
24) 1,1-Dichloroethane	6.588	63	222402	52.162	ug/l	100
25) 2-Butanone	7.494	43	542418	246.825	ug/l	96
26) 2,2-Dichloropropane	7.500	77	181352	54.680	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	154905	54.931	ug/l	96
28) Bromochloromethane	7.824	49	114442	54.591	ug/l	90
29) Tetrahydrofuran	7.847	42	358784	250.623	ug/l	93
30) Chloroform	7.977	83	221340	51.983	ug/l	100
31) Cyclohexane	8.265	56	181882	43.987	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	176440	48.720	ug/l	98
36) 1,1-Dichloropropene	8.383	75	154064	49.963	ug/l	99
37) Ethyl Acetate	7.571	43	207704	52.914	ug/l	99
38) Carbon Tetrachloride	8.371	117	147019	48.564	ug/l	96
39) Methylcyclohexane	9.606	83	187509	44.385	ug/l	95
40) Benzene	8.612	78	523742	51.942	ug/l	99

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41) Methacrylonitrile	7.783	41	107515	48.771	ug/l	92
42) 1,2-Dichloroethane	8.677	62	163016	53.302	ug/l	99
43) Isopropyl Acetate	8.694	43	315339	50.052	ug/l	95
44) Trichloroethene	9.359	130	126250	52.804	ug/l	97
45) 1,2-Dichloropropane	9.624	63	129173	52.657	ug/l	97
46) Dibromomethane	9.712	93	92427	56.724	ug/l	98
47) Bromodichloromethane	9.894	83	179817	53.637	ug/l	99
48) Methyl methacrylate	9.682	41	144695	49.899	ug/l	93
49) 1,4-Dioxane	9.700	88	60881	1154.073	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	974766	257.005	ug/l	96
52) Toluene	10.629	92	324520	52.663	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	213932	57.068	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	223518	55.726	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	130409	55.000	ug/l	98
56) Ethyl methacrylate	10.882	69	221967	58.775	ug/l	93
57) 1,3-Dichloropropane	11.165	76	225149	54.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	640810	284.484	ug/l	97
59) 2-Hexanone	11.200	43	655260	268.212	ug/l	91
60) Dibromochloromethane	11.359	129	141550	57.298	ug/l	99
61) 1,2-Dibromoethane	11.471	107	138863	57.138	ug/l	99
64) Tetrachloroethene	11.106	164	97092	49.232	ug/l	94
65) Chlorobenzene	11.894	112	363108	52.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118773	53.761	ug/l	99
67) Ethyl Benzene	11.965	91	591507	49.965	ug/l	99
68) m/p-Xylenes	12.070	106	466007	102.831	ug/l	99
69) o-Xylene	12.400	106	231655	53.373	ug/l	96
70) Styrene	12.412	104	397750	53.555	ug/l	99
71) Bromoform	12.576	173	95755	58.496	ug/l #	98
73) Isopropylbenzene	12.694	105	537619	47.619	ug/l	99
74) N-amyl acetate	12.512	43	194530	49.308	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	203942	53.321	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	178162m	48.364	ug/l	
77) Bromobenzene	12.982	156	141660	54.712	ug/l	95
78) n-propylbenzene	13.035	91	639643	46.620	ug/l	98
79) 2-Chlorotoluene	13.123	91	404220	49.126	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	454100	48.717	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	87402	54.616	ug/l	95
82) 4-Chlorotoluene	13.223	91	417942	50.200	ug/l	99
83) tert-Butylbenzene	13.435	119	392634	46.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	463629	49.602	ug/l	98
85) sec-Butylbenzene	13.612	105	540317	43.606	ug/l	99
86) p-Isopropyltoluene	13.729	119	462226	45.127	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	263729	51.771	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	273095	52.583	ug/l	99
89) n-Butylbenzene	14.053	91	413779	41.707	ug/l	100
90) Hexachloroethane	14.335	117	80241	46.217	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	255209	52.145	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45388	49.620	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	149493	47.834	ug/l	99
94) Hexachlorobutadiene	15.500	225	42985	36.917	ug/l	99
95) Naphthalene	15.635	128	604305	51.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	142985	46.049	ug/l	98

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

