

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088220.D
 Acq On : 06 Nov 2025 20:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025

Quant Time: Nov 07 02:27:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	311259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	612720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	560837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	291730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	332957	61.861	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.720%			
35) Dibromofluoromethane	8.147	113	222993	54.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.340%			
50) Toluene-d8	10.541	98	826024	52.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.829	95	336679	60.106	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	156617	44.608	ug/l	100
3) Chloromethane	2.383	50	191075	46.259	ug/l	99
4) Vinyl Chloride	2.536	62	205737	45.714	ug/l	97
5) Bromomethane	2.971	94	117218	43.545	ug/l	99
6) Chloroethane	3.136	64	137356	42.360	ug/l	97
7) Trichlorofluoromethane	3.512	101	311520	43.398	ug/l	97
8) Diethyl Ether	3.965	74	132292	49.588	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	160395	43.303	ug/l	95
10) Methyl Iodide	4.583	142	180605	53.353	ug/l	97
11) Tert butyl alcohol	5.524	59	242181	261.180	ug/l	99
12) 1,1-Dichloroethene	4.336	96	165085	42.197	ug/l	94
13) Acrolein	4.177	56	181325	173.849	ug/l	98
14) Allyl chloride	5.012	41	328679	47.932	ug/l	98
15) Acrylonitrile	5.706	53	673960	266.830	ug/l	99
16) Acetone	4.424	43	639159	236.375	ug/l	96
17) Carbon Disulfide	4.706	76	506559	42.595	ug/l	97
18) Methyl Acetate	5.018	43	310006	56.000	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	769170	53.536	ug/l	100
20) Methylene Chloride	5.265	84	216980	47.803	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	196611	45.785	ug/l	97
22) Diisopropyl ether	6.659	45	773160	53.614	ug/l	99
23) Vinyl Acetate	6.589	43	3508837	270.115	ug/l	98
24) 1,1-Dichloroethane	6.559	63	412785	51.674	ug/l	98
25) 2-Butanone	7.471	43	947835	265.986	ug/l	99
26) 2,2-Dichloropropane	7.471	77	327419	45.103	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	249182	50.405	ug/l	96
28) Bromochloromethane	7.794	49	219502	58.154	ug/l	98
29) Tetrahydrofuran	7.824	42	618859	266.482	ug/l	99
30) Chloroform	7.947	83	414283	51.912	ug/l	99
31) Cyclohexane	8.236	56	323570	42.947	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	346036	48.684	ug/l	99
36) 1,1-Dichloropropene	8.353	75	279213	46.456	ug/l	99
37) Ethyl Acetate	7.547	43	378310	48.776	ug/l	98
38) Carbon Tetrachloride	8.341	117	291256	46.919	ug/l	95
39) Methylcyclohexane	9.582	83	285578	36.966	ug/l	100
40) Benzene	8.588	78	868586	47.454	ug/l	100

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41) Methacrylonitrile	7.765	41	200824	49.195	ug/l	97
42) 1,2-Dichloroethane	8.653	62	344003	52.894	ug/l	99
43) Isopropyl Acetate	8.671	43	628910	52.769	ug/l	100
44) Trichloroethene	9.330	130	196746	45.987	ug/l	97
45) 1,2-Dichloropropane	9.600	63	225914	48.889	ug/l	100
46) Dibromomethane	9.688	93	163453	49.596	ug/l	98
47) Bromodichloromethane	9.871	83	340660	51.627	ug/l	97
48) Methyl methacrylate	9.659	41	302062	54.896	ug/l	98
49) 1,4-Dioxane	9.677	88	68653	1003.176	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1918398	272.088	ug/l	100
52) Toluene	10.606	92	531474	47.095	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	362179	51.572	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	373886	50.171	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	211881	49.488	ug/l	95
56) Ethyl methacrylate	10.853	69	369943	54.600	ug/l	96
57) 1,3-Dichloropropane	11.141	76	384203	51.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1052309	298.586	ug/l	100
59) 2-Hexanone	11.177	43	1316826	281.540	ug/l	98
60) Dibromochloromethane	11.335	129	246322	50.617	ug/l	99
61) 1,2-Dibromoethane	11.447	107	221855	50.349	ug/l	98
64) Tetrachloroethene	11.082	164	157906	42.684	ug/l	96
65) Chlorobenzene	11.871	112	586744	46.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	198281	47.524	ug/l	99
67) Ethyl Benzene	11.941	91	1028724	46.020	ug/l	98
68) m/p-Xylenes	12.047	106	772615	92.247	ug/l	100
69) o-Xylene	12.376	106	374412	47.157	ug/l	96
70) Styrene	12.388	104	652050	50.363	ug/l	97
71) Bromoform	12.559	173	158646	50.953	ug/l #	98
73) Isopropylbenzene	12.671	105	950266	42.233	ug/l	99
74) N-amyl acetate	12.500	43	319550m	50.029	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	326812	46.653	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	310321m	46.526	ug/l	
77) Bromobenzene	12.959	156	225908	46.560	ug/l	95
78) n-propylbenzene	13.012	91	1149246	41.854	ug/l	98
79) 2-Chlorotoluene	13.100	91	723382	46.196	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	789422	42.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	110362	46.157	ug/l	91
82) 4-Chlorotoluene	13.200	91	749888	44.263	ug/l	99
83) tert-Butylbenzene	13.412	119	661556	39.631	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	818932	43.802	ug/l	99
85) sec-Butylbenzene	13.594	105	906365	36.957	ug/l	100
86) p-Isopropyltoluene	13.706	119	770231	39.149	ug/l	97
87) 1,3-Dichlorobenzene	13.712	146	422401	43.610	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	436135	41.923	ug/l	98
89) n-Butylbenzene	14.035	91	713276	36.600	ug/l	99
90) Hexachloroethane	14.312	117	139240	36.546	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	411684	44.093	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	77033	47.246	ug/l	90
93) 1,2,4-Trichlorobenzene	15.364	180	207932	36.773	ug/l	99
94) Hexachlorobutadiene	15.470	225	65328	31.024	ug/l	98
95) Naphthalene	15.612	128	797648	41.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	192723	35.546	ug/l	97

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

