

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087043.D
 Acq On : 16 Jun 2025 19:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 09:34:56 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	154285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103672	50.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.380%			
35) Dibromofluoromethane	8.177	113	88371	54.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.580%			
50) Toluene-d8	10.565	98	329994	51.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.847	95	126190	52.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	94229	61.255	ug/l	99
3) Chloromethane	2.400	50	101686	51.190	ug/l	100
4) Vinyl Chloride	2.553	62	129178	63.040	ug/l	98
5) Bromomethane	2.995	94	61198	53.368	ug/l	99
6) Chloroethane	3.159	64	82197	62.100	ug/l	98
7) Trichlorofluoromethane	3.530	101	162900	60.845	ug/l	98
8) Diethyl Ether	3.983	74	71492	61.289	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	100712	59.875	ug/l	99
10) Methyl Iodide	4.612	142	62793	28.798	ug/l	96
11) Tert butyl alcohol	5.536	59	151723	270.688	ug/l	99
12) 1,1-Dichloroethene	4.371	96	104637	60.933	ug/l	96
13) Acrolein	4.200	56	54207	305.528	ug/l	99
14) Allyl chloride	5.053	41	150417	52.816	ug/l	95
15) Acrylonitrile	5.736	53	377344	288.025	ug/l	99
16) Acetone	4.447	43	283523	258.816	ug/l	99
17) Carbon Disulfide	4.741	76	307394	64.714	ug/l	99
18) Methyl Acetate	5.053	43	152927	47.904	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	369287	59.393	ug/l	100
20) Methylene Chloride	5.300	84	119254	58.147	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	112497	58.881	ug/l	97
22) Diisopropyl ether	6.688	45	334034	55.642	ug/l	94
23) Vinyl Acetate	6.618	43	1504197	296.565	ug/l	97
24) 1,1-Dichloroethane	6.583	63	204615	59.227	ug/l	99
25) 2-Butanone	7.494	43	472981	265.625	ug/l	96
26) 2,2-Dichloropropane	7.500	77	157074	58.449	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	136042	59.539	ug/l	98
28) Bromochloromethane	7.824	49	82472	48.553	ug/l	92
29) Tetrahydrofuran	7.847	42	311955	268.936	ug/l	95
30) Chloroform	7.977	83	200998	58.259	ug/l	99
31) Cyclohexane	8.265	56	179622	53.613	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	169207	57.663	ug/l	99
36) 1,1-Dichloropropene	8.377	75	147660	60.876	ug/l	99
37) Ethyl Acetate	7.571	43	180111	58.331	ug/l	99
38) Carbon Tetrachloride	8.371	117	145420	61.066	ug/l	98
39) Methylcyclohexane	9.606	83	176808	53.205	ug/l	96
40) Benzene	8.612	78	479321	60.431	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100126	57.739	ug/l	95
42) 1,2-Dichloroethane	8.677	62	143170	59.511	ug/l	100
43) Isopropyl Acetate	8.694	43	274616	55.412	ug/l	96
44) Trichloroethene	9.359	130	115652	61.492	ug/l	98
45) 1,2-Dichloropropane	9.624	63	116409	60.326	ug/l	99
46) Dibromomethane	9.712	93	80484	62.794	ug/l	98
47) Bromodichloromethane	9.888	83	159930	60.646	ug/l	99
48) Methyl methacrylate	9.682	41	125687	55.101	ug/l	95
49) 1,4-Dioxane	9.706	88	50406	1214.699	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	856387	287.043	ug/l	97
52) Toluene	10.629	92	293658	60.582	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	180143	61.090	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	193084	61.196	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	114004	61.123	ug/l	98
56) Ethyl methacrylate	10.876	69	189795	63.888	ug/l	93
57) 1,3-Dichloropropane	11.165	76	196972	60.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	461263	260.322	ug/l	98
59) 2-Hexanone	11.200	43	576943	300.215	ug/l	92
60) Dibromochloromethane	11.359	129	122204	62.886	ug/l	98
61) 1,2-Dibromoethane	11.470	107	119205	62.354	ug/l	99
64) Tetrachloroethene	11.106	164	90545	59.423	ug/l	96
65) Chlorobenzene	11.888	112	321391	60.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	103658	60.727	ug/l	99
67) Ethyl Benzene	11.965	91	542608	59.322	ug/l	99
68) m/p-Xylenes	12.070	106	428659	122.426	ug/l	99
69) o-Xylene	12.394	106	208595	62.204	ug/l	96
70) Styrene	12.412	104	354747	61.821	ug/l	99
71) Bromoform	12.576	173	82992	65.619	ug/l #	100
73) Isopropylbenzene	12.694	105	506216	56.540	ug/l	100
74) N-amyl acetate	12.512	43	165991	53.056	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	181087	59.703	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148721m	50.909	ug/l	
77) Bromobenzene	12.976	156	124056	60.419	ug/l	95
78) n-propylbenzene	13.035	91	602952	55.416	ug/l	98
79) 2-Chlorotoluene	13.123	91	363560	55.717	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	418088	56.560	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	65032	51.244	ug/l	95
82) 4-Chlorotoluene	13.217	91	375517	56.877	ug/l	98
83) tert-Butylbenzene	13.435	119	354848	52.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	424536	57.274	ug/l	100
85) sec-Butylbenzene	13.611	105	511467	52.051	ug/l	100
86) p-Isopropyltoluene	13.729	119	433062	53.315	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	238897	59.136	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	242786	58.948	ug/l	99
89) n-Butylbenzene	14.053	91	384251	48.839	ug/l	99
90) Hexachloroethane	14.329	117	75383	54.751	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	230834	59.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40292	55.546	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	128972	52.039	ug/l	99
94) Hexachlorobutadiene	15.494	225	39930	43.244	ug/l	98
95) Naphthalene	15.635	128	524674	56.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	123147	50.011	ug/l	98

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

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