

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050225\
 Data File : VN086451.D
 Acq On : 02 May 2025 09:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 23:13:46 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131273	48.254	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	8.165	113	83034	53.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.040%		
50) Toluene-d8	10.565	98	426318	50.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.880%		
62) 4-Bromofluorobenzene	12.847	95	158923	52.060	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	106224	47.763	ug/l	98
3) Chloromethane	2.360	50	141507	43.781	ug/l	98
4) Vinyl Chloride	2.518	62	144800	46.946	ug/l	99
5) Bromomethane	2.954	94	78520	56.596	ug/l	96
6) Chloroethane	3.118	64	97034	47.006	ug/l	99
7) Trichlorofluoromethane	3.501	101	170913	50.025	ug/l	99
8) Diethyl Ether	3.959	74	69563	46.639	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	106614	51.584	ug/l	98
10) Methyl Iodide	4.589	142	130578	57.466	ug/l	100
11) Tert butyl alcohol	5.512	59	99579	200.612	ug/l	99
12) 1,1-Dichloroethene	4.342	96	107759	48.801	ug/l	98
13) Acrolein	4.171	56	98571	437.161	ug/l	97
14) Allyl chloride	5.018	41	164138	41.815	ug/l	96
15) Acrylonitrile	5.718	53	277334	226.015	ug/l	99
16) Acetone	4.424	43	216614	229.836	ug/l	98
17) Carbon Disulfide	4.712	76	297936	45.062	ug/l	97
18) Methyl Acetate	5.018	43	129102	39.534	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	386319	47.594	ug/l	100
20) Methylene Chloride	5.271	84	120405	47.874	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	114718	49.693	ug/l	96
22) Diisopropyl ether	6.665	45	396594	46.444	ug/l	98
23) Vinyl Acetate	6.600	43	1422527	238.308	ug/l	98
24) 1,1-Dichloroethane	6.565	63	219507	48.720	ug/l	98
25) 2-Butanone	7.477	43	366875	216.655	ug/l	99
26) 2,2-Dichloropropane	7.489	77	203766	50.512	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	142839	49.852	ug/l	97
28) Bromochloromethane	7.812	49	91209	47.745	ug/l	94
29) Tetrahydrofuran	7.836	42	242990	214.587	ug/l	97
30) Chloroform	7.965	83	221901	50.137	ug/l	98
31) Cyclohexane	8.253	56	199194	45.181	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	193962	51.229	ug/l	99
36) 1,1-Dichloropropene	8.371	75	164969	52.743	ug/l	100
37) Ethyl Acetate	7.559	43	150326	45.651	ug/l	99
38) Carbon Tetrachloride	8.359	117	162785	54.650	ug/l	99
39) Methylcyclohexane	9.594	83	189467	50.963	ug/l	99
40) Benzene	8.600	78	512813	51.172	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	85395	44.745	ug/l	95
42) 1,2-Dichloroethane	8.665	62	167611	52.448	ug/l	99
43) Isopropyl Acetate	8.683	43	280386	47.433	ug/l	98
44) Trichloroethene	9.347	130	127540	53.696	ug/l	96
45) 1,2-Dichloropropane	9.618	63	122173	49.804	ug/l	99
46) Dibromomethane	9.706	93	85662	54.808	ug/l	98
47) Bromodichloromethane	9.883	83	178351	52.834	ug/l	100
48) Methyl methacrylate	9.677	41	129996	44.954	ug/l	95
49) 1,4-Dioxane	9.694	88	44348	901.597	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	795220	235.831	ug/l	100
52) Toluene	10.630	92	332120	53.113	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	201072	53.360	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	212160	51.261	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	117996	52.448	ug/l	97
56) Ethyl methacrylate	10.871	69	205181	49.615	ug/l	97
57) 1,3-Dichloropropane	11.159	76	209068	52.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	442871	225.630	ug/l	98
59) 2-Hexanone	11.194	43	580824	232.226	ug/l	100
60) Dibromochloromethane	11.359	129	133893	54.197	ug/l	99
61) 1,2-Dibromoethane	11.465	107	124093	54.664	ug/l	98
64) Tetrachloroethene	11.100	164	125496	52.837	ug/l	99
65) Chlorobenzene	11.888	112	360627	52.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	120637	53.067	ug/l	100
67) Ethyl Benzene	11.959	91	646650	52.003	ug/l	100
68) m/p-Xylenes	12.065	106	495460	106.338	ug/l	98
69) o-Xylene	12.394	106	243781	52.907	ug/l	98
70) Styrene	12.406	104	414102	53.937	ug/l	99
71) Bromoform	12.576	173	91446	53.428	ug/l #	99
73) Isopropylbenzene	12.694	105	603514	48.877	ug/l	99
74) N-amyl acetate	12.488	43	261655	42.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	167750	47.249	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	160002m	44.918	ug/l	
77) Bromobenzene	12.976	156	142408	52.051	ug/l	93
78) n-propylbenzene	13.029	91	729554	50.141	ug/l	100
79) 2-Chlorotoluene	13.124	91	447334	49.132	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	507071	50.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	78133	52.679	ug/l	91
82) 4-Chlorotoluene	13.218	91	452151	49.993	ug/l	99
83) tert-Butylbenzene	13.435	119	426424	48.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	514072	49.972	ug/l	99
85) sec-Butylbenzene	13.612	105	609234	50.158	ug/l	99
86) p-Isopropyltoluene	13.723	119	515686	51.509	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	268588	52.223	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	270837	52.283	ug/l	99
89) n-Butylbenzene	14.053	91	457244	51.526	ug/l	100
90) Hexachloroethane	14.329	117	84691	50.291	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	261135	52.369	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	32858	45.900	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	121875	51.043	ug/l	100
94) Hexachlorobutadiene	15.500	225	45101	50.039	ug/l	98
95) Naphthalene	15.635	128	401687	47.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	114144	50.494	ug/l	99

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

