

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086965.D
 Acq On : 11 Jun 2025 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 12 01:48:05 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 06/12/2025
 Supervised By : Semsettin Yesilyurt 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	177574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123795	52.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.177	113	102484	53.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.571	98	382080	49.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.847	95	146464	51.499	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	97946	55.320	ug/l	98
3) Chloromethane	2.395	50	103222	45.148	ug/l	99
4) Vinyl Chloride	2.553	62	126441	53.612	ug/l	100
5) Bromomethane	2.983	94	43618	33.049	ug/l	94
6) Chloroethane	3.147	64	84712	55.606	ug/l	97
7) Trichlorofluoromethane	3.524	101	172024	55.827	ug/l	99
8) Diethyl Ether	3.983	74	75627	56.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	104252	53.851	ug/l	99
10) Methyl Iodide	4.606	142	46802	18.649	ug/l	98
11) Tert butyl alcohol	5.547	59	180885	280.391	ug/l	99
12) 1,1-Dichloroethene	4.365	96	106380	53.824	ug/l	96
13) Acrolein	4.200	56	152464	746.633	ug/l	100
14) Allyl chloride	5.047	41	166911	50.921	ug/l	97
15) Acrylonitrile	5.741	53	422921	280.476	ug/l	100
16) Acetone	4.447	43	331168	262.661	ug/l	100
17) Carbon Disulfide	4.736	76	268580	49.127	ug/l	99
18) Methyl Acetate	5.047	43	214312	58.328	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	406405	56.790	ug/l	99
20) Methylene Chloride	5.300	84	125496	53.166	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	115879	52.697	ug/l	95
22) Diisopropyl ether	6.688	45	382028	55.291	ug/l	99
23) Vinyl Acetate	6.618	43	1623707	278.142	ug/l	99
24) 1,1-Dichloroethane	6.588	63	222894	56.057	ug/l	99
25) 2-Butanone	7.494	43	557966	272.256	ug/l	97
26) 2,2-Dichloropropane	7.500	77	149440	48.315	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	146360	55.654	ug/l	97
28) Bromochloromethane	7.824	49	111849	57.211	ug/l	98
29) Tetrahydrofuran	7.853	42	361046	270.436	ug/l	97
30) Chloroform	7.977	83	219091	55.175	ug/l	97
31) Cyclohexane	8.265	56	181510	47.071	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	181857	53.846	ug/l	99
36) 1,1-Dichloropropene	8.377	75	153059	53.121	ug/l	99
37) Ethyl Acetate	7.571	43	196171	53.483	ug/l	99
38) Carbon Tetrachloride	8.371	117	150782	53.303	ug/l	96
39) Methylcyclohexane	9.606	83	176079	44.605	ug/l	97
40) Benzene	8.612	78	505922	53.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	112567	54.646	ug/l	97
42) 1,2-Dichloroethane	8.677	62	153959	53.873	ug/l	100
43) Isopropyl Acetate	8.694	43	317059	53.857	ug/l	99
44) Trichloroethene	9.359	130	119433	53.458	ug/l	98
45) 1,2-Dichloropropane	9.624	63	124231	54.196	ug/l	100
46) Dibromomethane	9.712	93	85919	56.431	ug/l	99
47) Bromodichloromethane	9.894	83	175093	55.894	ug/l	99
48) Methyl methacrylate	9.682	41	143734	53.046	ug/l	98
49) 1,4-Dioxane	9.706	88	58859	1194.044	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	995984	281.028	ug/l	99
52) Toluene	10.629	92	310797	53.976	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	191765	54.745	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	203300	54.242	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	123723	55.842	ug/l	98
56) Ethyl methacrylate	10.882	69	209075	59.246	ug/l	96
57) 1,3-Dichloropropane	11.165	76	212617	55.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	621634	295.338	ug/l	100
59) 2-Hexanone	11.200	43	661460	289.751	ug/l	94
60) Dibromochloromethane	11.359	129	132918	57.580	ug/l	100
61) 1,2-Dibromoethane	11.470	107	127444	56.119	ug/l	98
64) Tetrachloroethene	11.106	164	91667	50.534	ug/l	95
65) Chlorobenzene	11.894	112	336350	53.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113463	55.835	ug/l	100
67) Ethyl Benzene	11.965	91	576593	52.952	ug/l	100
68) m/p-Xylenes	12.070	106	444183	106.561	ug/l	100
69) o-Xylene	12.400	106	219424	54.963	ug/l	98
70) Styrene	12.412	104	377725	55.293	ug/l	99
71) Bromoform	12.576	173	89676	59.559	ug/l #	100
73) Isopropylbenzene	12.694	105	534031	51.622	ug/l	100
74) N-amyl acetate	12.512	43	188759	52.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	200820	57.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	174388m	51.664	ug/l	
77) Bromobenzene	12.982	156	131869	55.583	ug/l	99
78) n-propylbenzene	13.035	91	643398	51.178	ug/l	99
79) 2-Chlorotoluene	13.123	91	394854	52.371	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	443398	51.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	72331	49.328	ug/l	97
82) 4-Chlorotoluene	13.223	91	406685	53.310	ug/l	100
83) tert-Butylbenzene	13.435	119	396615	50.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	447506	52.251	ug/l	99
85) sec-Butylbenzene	13.611	105	549887	48.432	ug/l	100
86) p-Isopropyltoluene	13.729	119	459716	48.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	253292	54.264	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252880	53.138	ug/l	99
89) n-Butylbenzene	14.053	91	422802	46.509	ug/l	99
90) Hexachloroethane	14.329	117	83746	52.642	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	244439	54.507	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45867	54.724	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	141753	49.501	ug/l	100
94) Hexachlorobutadiene	15.500	225	44722	41.918	ug/l	100
95) Naphthalene	15.641	128	576105	54.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	138678	48.742	ug/l	99

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

