

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087809.D
 Acq On : 11 Sep 2025 19:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2025
 Supervised By : Mahesh Dadoda 09/12/2025

Quant Time: Sep 12 02:59:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	239275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	473432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	449914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	233429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	227786	46.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.920%		
35) Dibromofluoromethane	8.147	113	167679	49.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.120%		
50) Toluene-d8	10.547	98	591233	46.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.829	95	219096	48.155	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	137676	40.512	ug/l	93
3) Chloromethane	2.383	50	153332	43.904	ug/l	99
4) Vinyl Chloride	2.536	62	171220	42.283	ug/l	94
5) Bromomethane	2.971	94	67071	32.101	ug/l	97
6) Chloroethane	3.136	64	120647	42.391	ug/l	98
7) Trichlorofluoromethane	3.506	101	264376	44.562	ug/l	98
8) Diethyl Ether	3.959	74	116336	45.026	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	134067	39.937	ug/l	99
10) Methyl Iodide	4.583	142	88652	37.334	ug/l	99
11) Tert butyl alcohol	5.524	59	200816	235.952	ug/l	100
12) 1,1-Dichloroethene	4.336	96	149560	43.354	ug/l	92
13) Acrolein	4.183	56	145984	139.524	ug/l	99
14) Allyl chloride	5.012	41	235943	37.742	ug/l	97
15) Acrylonitrile	5.712	53	580923	242.024	ug/l	99
16) Acetone	4.424	43	540018	202.349	ug/l	99
17) Carbon Disulfide	4.706	76	379919	40.004	ug/l	99
18) Methyl Acetate	5.024	43	326205	58.378	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	608541	47.023	ug/l	96
20) Methylene Chloride	5.265	84	185360	47.969	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	159331	42.616	ug/l	96
22) Diisopropyl ether	6.659	45	627262	46.496	ug/l #	98
23) Vinyl Acetate	6.594	43	2790307	227.341	ug/l	100
24) 1,1-Dichloroethane	6.553	63	331806	44.858	ug/l	98
25) 2-Butanone	7.471	43	812672	231.460	ug/l	97
26) 2,2-Dichloropropane	7.471	77	213707	33.663	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	207102	46.335	ug/l	96
28) Bromochloromethane	7.794	49	182677	51.085	ug/l	96
29) Tetrahydrofuran	7.830	42	539053	238.564	ug/l	100
30) Chloroform	7.947	83	358719	47.513	ug/l	97
31) Cyclohexane	8.241	56	213222	34.578	ug/l	93
32) 1,1,1-Trichloroethane	8.147	97	288288	45.057	ug/l	98
36) 1,1-Dichloropropene	8.353	75	208521	39.765	ug/l	98
37) Ethyl Acetate	7.547	43	309579	43.203	ug/l	97
38) Carbon Tetrachloride	8.347	117	232371	44.881	ug/l	99
39) Methylcyclohexane	9.582	83	194443	33.680	ug/l	98
40) Benzene	8.588	78	727801	45.251	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	169735	45.728	ug/l	96
42) 1,2-Dichloroethane	8.653	62	280998	45.464	ug/l	100
43) Isopropyl Acetate	8.677	43	524060	46.843	ug/l	99
44) Trichloroethene	9.335	130	165398	45.042	ug/l	97
45) 1,2-Dichloropropane	9.600	63	193307	45.596	ug/l	99
46) Dibromomethane	9.688	93	145835	48.339	ug/l	97
47) Bromodichloromethane	9.871	83	300564	48.611	ug/l	97
48) Methyl methacrylate	9.665	41	246479	46.578	ug/l	97
49) 1,4-Dioxane	9.682	88	70170	1023.060	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1669573	247.348	ug/l	99
52) Toluene	10.612	92	446948	44.825	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	292185	45.653	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	300799	45.265	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	194110	50.324	ug/l	95
56) Ethyl methacrylate	10.853	69	308625	50.066	ug/l	98
57) 1,3-Dichloropropane	11.141	76	328926	48.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	808795	242.410	ug/l	98
59) 2-Hexanone	11.176	43	1139314	267.074	ug/l	98
60) Dibromochloromethane	11.335	129	221852	49.638	ug/l	100
61) 1,2-Dibromoethane	11.447	107	201416	49.521	ug/l	99
64) Tetrachloroethene	11.082	164	134464	43.077	ug/l	96
65) Chlorobenzene	11.871	112	505507	45.162	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	189673	51.043	ug/l	96
67) Ethyl Benzene	11.941	91	853428	44.036	ug/l	97
68) m/p-Xylenes	12.047	106	632771	89.028	ug/l	99
69) o-Xylene	12.376	106	316131	45.386	ug/l	100
70) Styrene	12.388	104	569890	48.837	ug/l	98
71) Bromoform	12.559	173	153416	53.832	ug/l #	98
73) Isopropylbenzene	12.670	105	786580	41.701	ug/l	99
74) N-amyl acetate	12.494	43	333811m	46.698	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	311130	47.910	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	274406m	50.129	ug/l	
77) Bromobenzene	12.959	156	207745	46.711	ug/l	93
78) n-propylbenzene	13.012	91	964356	41.506	ug/l	99
79) 2-Chlorotoluene	13.106	91	602399	43.084	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	688090	43.001	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	81904	39.611	ug/l	83
82) 4-Chlorotoluene	13.200	91	618169	42.051	ug/l	96
83) tert-Butylbenzene	13.417	119	582959	43.719	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	703787	43.936	ug/l	99
85) sec-Butylbenzene	13.594	105	833705	42.132	ug/l	99
86) p-Isopropyltoluene	13.706	119	696585	42.631	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	401204	45.808	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	405920	44.536	ug/l	99
89) n-Butylbenzene	14.035	91	644735	39.730	ug/l	99
90) Hexachloroethane	14.312	117	128372	41.237	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	390240	46.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	70249	45.536	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	231249	46.347	ug/l	97
94) Hexachlorobutadiene	15.470	225	74655	41.969	ug/l	99
95) Naphthalene	15.617	128	843990	47.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	231149	47.388	ug/l	98

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

