

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087747.D
 Acq On : 05 Sep 2025 17:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

Quant Time: Sep 06 01:08:50 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	211796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	424239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	410328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	217789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	214867	49.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.020%		
35) Dibromofluoromethane	8.147	113	152098	49.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.320%		
50) Toluene-d8	10.547	98	545955	47.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.823	95	203828	49.994	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	130478	43.376	ug/l	98
3) Chloromethane	2.383	50	136604	44.189	ug/l	98
4) Vinyl Chloride	2.536	62	163428	45.595	ug/l	98
5) Bromomethane	2.965	94	92634	50.088	ug/l	90
6) Chloroethane	3.136	64	112916	44.822	ug/l	95
7) Trichlorofluoromethane	3.506	101	250511	47.704	ug/l	100
8) Diethyl Ether	3.959	74	104975	45.900	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	133790	45.025	ug/l	97
10) Methyl Iodide	4.577	142	87785	40.957	ug/l	90
11) Tert butyl alcohol	5.524	59	224894	298.527	ug/l	99
12) 1,1-Dichloroethene	4.336	96	139298	45.618	ug/l	96
13) Acrolein	4.177	56	251938	272.030	ug/l	99
14) Allyl chloride	5.012	41	222802	40.264	ug/l	96
15) Acrylonitrile	5.706	53	519200	244.373	ug/l	98
16) Acetone	4.418	43	529498	224.149	ug/l	98
17) Carbon Disulfide	4.706	76	319638	38.023	ug/l	97
18) Methyl Acetate	5.018	43	274191	55.436	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	529257	46.203	ug/l	95
20) Methylene Chloride	5.265	84	155928	45.524	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	136358	41.203	ug/l	92
22) Diisopropyl ether	6.659	45	551254	46.163	ug/l	98
23) Vinyl Acetate	6.588	43	2499480	230.068	ug/l	99
24) 1,1-Dichloroethane	6.553	63	291338	44.497	ug/l	96
25) 2-Butanone	7.471	43	754384	242.735	ug/l	99
26) 2,2-Dichloropropane	7.471	77	224798	40.004	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	173103	43.753	ug/l	98
28) Bromochloromethane	7.794	49	148729	46.988	ug/l	99
29) Tetrahydrofuran	7.818	42	500976	250.478	ug/l	99
30) Chloroform	7.947	83	305793	45.758	ug/l	96
31) Cyclohexane	8.235	56	218919	40.108	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	251117	44.340	ug/l	97
36) 1,1-Dichloropropene	8.353	75	190622	40.566	ug/l	99
37) Ethyl Acetate	7.547	43	290992	45.318	ug/l	98
38) Carbon Tetrachloride	8.347	117	204130	43.999	ug/l	93
39) Methylcyclohexane	9.582	83	210495	40.688	ug/l	99
40) Benzene	8.588	78	638678	44.314	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	155748	46.825	ug/l	99
42) 1,2-Dichloroethane	8.647	62	245144	44.262	ug/l	100
43) Isopropyl Acetate	8.671	43	475067	47.388	ug/l	99
44) Trichloroethene	9.329	130	136090	41.358	ug/l	96
45) 1,2-Dichloropropane	9.600	63	163408	43.013	ug/l	99
46) Dibromomethane	9.694	93	122855	45.444	ug/l	99
47) Bromodichloromethane	9.865	83	251253	45.348	ug/l	97
48) Methyl methacrylate	9.659	41	216516	45.660	ug/l	98
49) 1,4-Dioxane	9.682	88	77760	1265.182	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1503886	248.637	ug/l	99
52) Toluene	10.606	92	385646	43.161	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	264354	46.094	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	267318	44.891	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	161162	46.627	ug/l	97
56) Ethyl methacrylate	10.853	69	277641	50.262	ug/l	99
57) 1,3-Dichloropropane	11.141	76	280728	45.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	706892	236.435	ug/l	100
59) 2-Hexanone	11.176	43	1063514	278.213	ug/l	99
60) Dibromochloromethane	11.335	129	185223	46.248	ug/l	98
61) 1,2-Dibromoethane	11.447	107	167133	45.857	ug/l	100
64) Tetrachloroethene	11.082	164	110429	38.790	ug/l	97
65) Chlorobenzene	11.871	112	429150	42.039	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	153950	45.426	ug/l	99
67) Ethyl Benzene	11.941	91	757685	42.868	ug/l	98
68) m/p-Xylenes	12.047	106	552671	85.260	ug/l	99
69) o-Xylene	12.376	106	273683	43.083	ug/l	100
70) Styrene	12.388	104	487265	45.785	ug/l	99
71) Bromoform	12.559	173	123465	47.502	ug/l #	98
73) Isopropylbenzene	12.670	105	708017	40.231	ug/l	99
74) N-amyl acetate	12.494	43	230390	34.545	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.918	83	262564	43.335	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	241022m	47.192	ug/l	
77) Bromobenzene	12.959	156	167777	40.433	ug/l	98
78) n-propylbenzene	13.012	91	893941	41.239	ug/l	99
79) 2-Chlorotoluene	13.100	91	525196	40.260	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	600081	40.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	86696	44.939	ug/l	84
82) 4-Chlorotoluene	13.200	91	542915	39.584	ug/l	98
83) tert-Butylbenzene	13.412	119	513188	41.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	607765	40.666	ug/l	98
85) sec-Butylbenzene	13.594	105	755267	40.909	ug/l	100
86) p-Isopropyltoluene	13.706	119	619327	40.625	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	329813	40.361	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	338330	39.786	ug/l	97
89) n-Butylbenzene	14.035	91	620487	40.981	ug/l	99
90) Hexachloroethane	14.312	117	120607	41.525	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	315872	40.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	60669	42.151	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	184528	39.639	ug/l	99
94) Hexachlorobutadiene	15.470	225	64525	38.879	ug/l	97
95) Naphthalene	15.611	128	703275	42.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	183071	40.227	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
Data File : VN087747.D
Acq On : 05 Sep 2025 17:09
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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