

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087795.D
 Acq On : 11 Sep 2025 14:21
 Operator : JC\MD
 Sample : VN0911WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 02:51:38 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	264571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	504460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	243902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	246091	45.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.800%		
35) Dibromofluoromethane	8.147	113	179797	49.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.547	98	651885	47.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.640%		
62) 4-Bromofluorobenzene	12.829	95	234780	48.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	82376	21.922	ug/l	98
3) Chloromethane	2.383	50	94750	24.536	ug/l	100
4) Vinyl Chloride	2.542	62	99586	22.242	ug/l	94
5) Bromomethane	2.983	94	59837	25.900	ug/l	90
6) Chloroethane	3.142	64	66369	21.090	ug/l	89
7) Trichlorofluoromethane	3.512	101	147075	22.420	ug/l	97
8) Diethyl Ether	3.959	74	58928	20.627	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	80009	21.555	ug/l	95
10) Methyl Iodide	4.577	142	59620	25.375	ug/l	94
11) Tert butyl alcohol	5.524	59	107196	113.909	ug/l	97
12) 1,1-Dichloroethene	4.336	96	81734	21.428	ug/l	96
13) Acrolein	4.171	56	84090	72.685	ug/l	98
14) Allyl chloride	5.012	41	132186	19.123	ug/l	98
15) Acrylonitrile	5.706	53	279159	105.183	ug/l	98
16) Acetone	4.424	43	283140	95.951	ug/l	99
17) Carbon Disulfide	4.701	76	234341	22.316	ug/l	100
18) Methyl Acetate	5.018	43	125567	20.323	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	295415	20.645	ug/l	98
20) Methylene Chloride	5.259	84	99190	22.558	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	88803	21.481	ug/l	89
22) Diisopropyl ether	6.653	45	311629	20.891	ug/l	98
23) Vinyl Acetate	6.589	43	1440014	106.108	ug/l	100
24) 1,1-Dichloroethane	6.559	63	171082	20.918	ug/l	99
25) 2-Butanone	7.471	43	395717	101.930	ug/l	99
26) 2,2-Dichloropropane	7.471	77	144187	20.541	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	103794	21.002	ug/l	98
28) Bromochloromethane	7.794	49	81554	20.626	ug/l	99
29) Tetrahydrofuran	7.824	42	264967	106.052	ug/l	98
30) Chloroform	7.947	83	180449	21.616	ug/l	99
31) Cyclohexane	8.241	56	144622	21.211	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	150632	21.292	ug/l	93
36) 1,1-Dichloropropene	8.353	75	116215	20.799	ug/l	99
37) Ethyl Acetate	7.547	43	155597	20.379	ug/l	96
38) Carbon Tetrachloride	8.341	117	124023	22.481	ug/l	92
39) Methylcyclohexane	9.583	83	129952	21.125	ug/l	97
40) Benzene	8.588	78	380842	22.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	81696	20.656	ug/l	96
42) 1,2-Dichloroethane	8.653	62	141700	21.516	ug/l	100
43) Isopropyl Acetate	8.671	43	252433	21.176	ug/l	99
44) Trichloroethene	9.336	130	85729	21.910	ug/l	95
45) 1,2-Dichloropropane	9.600	63	96507	21.364	ug/l	100
46) Dibromomethane	9.688	93	72195	22.458	ug/l	99
47) Bromodichloromethane	9.871	83	147416	22.376	ug/l	97
48) Methyl methacrylate	9.665	41	117076	20.763	ug/l	95
49) 1,4-Dioxane	9.683	88	37518	513.358	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	795956	110.668	ug/l	100
52) Toluene	10.612	92	227319	21.396	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	151320	22.189	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	158995	22.454	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	92322	22.463	ug/l	99
56) Ethyl methacrylate	10.853	69	142291	21.663	ug/l	98
57) 1,3-Dichloropropane	11.141	76	160951	22.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	277245	77.984	ug/l	99
59) 2-Hexanone	11.177	43	509150	112.012	ug/l	100
60) Dibromochloromethane	11.335	129	105880	22.233	ug/l	98
61) 1,2-Dibromoethane	11.447	107	94935	21.906	ug/l	96
64) Tetrachloroethene	11.082	164	71271	22.027	ug/l	90
65) Chlorobenzene	11.871	112	260914	22.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	90900	23.599	ug/l	98
67) Ethyl Benzene	11.941	91	434635	21.635	ug/l	99
68) m/p-Xylenes	12.047	106	331219	44.956	ug/l	97
69) o-Xylene	12.377	106	157177	21.769	ug/l	100
70) Styrene	12.388	104	275186	22.750	ug/l	98
71) Bromoform	12.559	173	71930	24.349	ug/l	98
73) Isopropylbenzene	12.676	105	404199	20.508	ug/l	98
74) N-amyl acetate	12.524	43	143545m	19.219	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	150041	22.112	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	135861m	23.753	ug/l	
77) Bromobenzene	12.959	156	99062	21.317	ug/l	99
78) n-propylbenzene	13.012	91	508284	20.937	ug/l	98
79) 2-Chlorotoluene	13.106	91	307862	21.073	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	349415	20.899	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	41752	19.325	ug/l	94
82) 4-Chlorotoluene	13.200	91	315840	20.563	ug/l	98
83) tert-Butylbenzene	13.418	119	293585	21.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	357731	21.374	ug/l	99
85) sec-Butylbenzene	13.594	105	439562	21.260	ug/l	100
86) p-Isopropyltoluene	13.706	119	368004	21.555	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	200138	21.870	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	202733	21.288	ug/l	98
89) n-Butylbenzene	14.035	91	355346	20.957	ug/l	99
90) Hexachloroethane	14.306	117	72679	22.344	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	190159	21.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	32144	19.941	ug/l	93
93) 1,2,4-Trichlorobenzene	15.365	180	112279	21.537	ug/l	96
94) Hexachlorobutadiene	15.476	225	42595	22.918	ug/l	97
95) Naphthalene	15.617	128	382521	20.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	109952	21.573	ug/l	99

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

