

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087777.D
 Acq On : 10 Sep 2025 13:29
 Operator : JC\MD
 Sample : VN0910WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS01

Quant Time: Sep 11 02:02:18 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
 Supervised By :Mahesh Dadoda 09/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	481179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	443678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	236791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234962	46.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.500%		
35) Dibromofluoromethane	8.147	113	170515	49.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	10.547	98	598958	46.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.120%		
62) 4-Bromofluorobenzene	12.829	95	217795	47.098	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66905	18.999	ug/l	99
3) Chloromethane	2.383	50	72113	19.926	ug/l	95
4) Vinyl Chloride	2.542	62	82564	19.676	ug/l	98
5) Bromomethane	2.983	94	45461	20.997	ug/l	91
6) Chloroethane	3.142	64	57277	19.421	ug/l	97
7) Trichlorofluoromethane	3.512	101	124353	20.227	ug/l	90
8) Diethyl Ether	3.965	74	54751	20.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	68198	19.605	ug/l	96
10) Methyl Iodide	4.583	142	42240	20.845	ug/l	98
11) Tert butyl alcohol	5.518	59	88895	100.795	ug/l	97
12) 1,1-Dichloroethene	4.342	96	69558	19.458	ug/l	88
13) Acrolein	4.177	56	83930	77.410	ug/l	94
14) Allyl chloride	5.006	41	115073	17.763	ug/l	97
15) Acrylonitrile	5.706	53	249028	100.121	ug/l	99
16) Acetone	4.424	43	268456	97.074	ug/l	98
17) Carbon Disulfide	4.700	76	172758	17.554	ug/l	100
18) Methyl Acetate	5.018	43	137712	23.783	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	263760	19.668	ug/l	97
20) Methylene Chloride	5.271	84	82792	19.952	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73778	19.043	ug/l	98
22) Diisopropyl ether	6.653	45	282609	20.216	ug/l	97
23) Vinyl Acetate	6.589	43	1234043	97.027	ug/l	98
24) 1,1-Dichloroethane	6.553	63	155898	20.339	ug/l	98
25) 2-Butanone	7.465	43	354230	97.360	ug/l	100
26) 2,2-Dichloropropane	7.471	77	127484	19.379	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	91844	19.830	ug/l	99
28) Bromochloromethane	7.794	49	68600	18.513	ug/l	98
29) Tetrahydrofuran	7.824	42	228318	97.510	ug/l	100
30) Chloroform	7.947	83	162362	20.753	ug/l	99
31) Cyclohexane	8.236	56	114288	17.886	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	133678	20.162	ug/l	93
36) 1,1-Dichloropropene	8.359	75	98694	18.518	ug/l	99
37) Ethyl Acetate	7.547	43	144354	19.821	ug/l	99
38) Carbon Tetrachloride	8.341	117	107894	20.504	ug/l	100
39) Methylcyclohexane	9.582	83	102544	17.476	ug/l	97
40) Benzene	8.588	78	323696	19.802	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	77810	20.625	ug/l	96
42) 1,2-Dichloroethane	8.647	62	127177	20.245	ug/l	99
43) Isopropyl Acetate	8.671	43	231457	20.356	ug/l	100
44) Trichloroethene	9.335	130	74553	19.976	ug/l	87
45) 1,2-Dichloropropane	9.594	63	85809	19.914	ug/l	98
46) Dibromomethane	9.688	93	64080	20.898	ug/l	97
47) Bromodichloromethane	9.865	83	133142	21.187	ug/l	97
48) Methyl methacrylate	9.659	41	105144	19.550	ug/l	99
49) 1,4-Dioxane	9.677	88	31057	445.513	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	727298	106.015	ug/l	100
52) Toluene	10.606	92	203676	20.098	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	136007	20.909	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	136995	20.283	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	84642	21.590	ug/l	97
56) Ethyl methacrylate	10.853	69	123475	19.708	ug/l	96
57) 1,3-Dichloropropane	11.141	76	147355	21.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	302321	89.152	ug/l	98
59) 2-Hexanone	11.177	43	468254	107.999	ug/l	98
60) Dibromochloromethane	11.341	129	96636	21.274	ug/l	99
61) 1,2-Dibromoethane	11.447	107	86421	20.906	ug/l	100
64) Tetrachloroethene	11.082	164	59854	19.445	ug/l	96
65) Chlorobenzene	11.871	112	224483	20.337	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	80324	21.920	ug/l	98
67) Ethyl Benzene	11.941	91	384763	20.133	ug/l	95
68) m/p-Xylenes	12.047	106	282361	40.285	ug/l	98
69) o-Xylene	12.376	106	138993	20.235	ug/l	100
70) Styrene	12.388	104	243299	21.143	ug/l	98
71) Bromoform	12.559	173	65248	23.217	ug/l #	98
73) Isopropylbenzene	12.676	105	356780	18.646	ug/l	100
74) N-amyl acetate	12.518	43	128873m	17.773	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	132478	20.110	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	125262m	22.558	ug/l	
77) Bromobenzene	12.959	156	88727	19.667	ug/l	97
78) n-propylbenzene	13.012	91	456054	19.350	ug/l	100
79) 2-Chlorotoluene	13.100	91	272010	19.178	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	307840	18.965	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	40685	19.397	ug/l	88
82) 4-Chlorotoluene	13.200	91	280156	18.787	ug/l	98
83) tert-Butylbenzene	13.412	119	261058	19.300	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	313317	19.282	ug/l	98
85) sec-Butylbenzene	13.594	105	389426	19.401	ug/l	99
86) p-Isopropyltoluene	13.706	119	324109	19.554	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	178936	20.140	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	182845	19.776	ug/l	99
89) n-Butylbenzene	14.035	91	310752	18.877	ug/l	99
90) Hexachloroethane	14.306	117	66252	20.980	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	170771	20.261	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30727	19.635	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	96639	19.093	ug/l	100
94) Hexachlorobutadiene	15.476	225	38772	21.487	ug/l	97
95) Naphthalene	15.612	128	337020	18.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	96427	19.488	ug/l	98

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

