

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087808.D
 Acq On : 11 Sep 2025 18:53
 Operator : JC\MD
 Sample : VN0911WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS02

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 02:58:25 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	149844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	281092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	272562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	147013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	222239	72.387	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 144.780%#			
35) Dibromofluoromethane	8.153	113	161035	79.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 158.700%#			
50) Toluene-d8	10.547	98	579094	76.237	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 152.480%#			
62) 4-Bromofluorobenzene	12.829	95	205488	76.068	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 152.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	54503	25.610	ug/l	94
3) Chloromethane	2.383	50	64365	29.429	ug/l	100
4) Vinyl Chloride	2.542	62	70630	27.852	ug/l	99
5) Bromomethane	2.983	94	25690	19.634	ug/l	91
6) Chloroethane	3.142	64	50317	28.231	ug/l	97
7) Trichlorofluoromethane	3.512	101	111447	29.997	ug/l	96
8) Diethyl Ether	3.965	74	46160	28.528	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	56789	27.013	ug/l	94
10) Methyl Iodide	4.583	142	25385	20.767	ug/l #	93
11) Tert butyl alcohol	5.530	59	81317	152.569	ug/l	99
12) 1,1-Dichloroethene	4.342	96	62318	28.846	ug/l	97
13) Acrolein	4.171	56	51711	78.920	ug/l	96
14) Allyl chloride	5.012	41	96694	24.699	ug/l	97
15) Acrylonitrile	5.706	53	236254	157.172	ug/l	97
16) Acetone	4.424	43	231795	138.693	ug/l	95
17) Carbon Disulfide	4.706	76	157129	26.419	ug/l	100
18) Methyl Acetate	5.018	43	132775	37.943	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	239277	29.524	ug/l	95
20) Methylene Chloride	5.271	84	74153	30.183	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	64930	27.731	ug/l	85
22) Diisopropyl ether	6.659	45	247665	29.315	ug/l	98
23) Vinyl Acetate	6.594	43	1091082	141.952	ug/l	100
24) 1,1-Dichloroethane	6.553	63	134532	29.043	ug/l	98
25) 2-Butanone	7.471	43	339945	154.606	ug/l	98
26) 2,2-Dichloropropane	7.471	77	87912	22.112	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	81448	29.098	ug/l	95
28) Bromochloromethane	7.800	49	63255	28.246	ug/l	98
29) Tetrahydrofuran	7.824	42	221114	156.260	ug/l	98
30) Chloroform	7.953	83	145941	30.867	ug/l	100
31) Cyclohexane	8.241	56	92945	24.069	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	119081	29.719	ug/l	96
36) 1,1-Dichloropropene	8.353	75	88399	28.392	ug/l	99
37) Ethyl Acetate	7.547	43	126271	29.679	ug/l	95
38) Carbon Tetrachloride	8.347	117	95546	31.082	ug/l	96
39) Methylcyclohexane	9.582	83	82066	23.941	ug/l	95
40) Benzene	8.588	78	293341	30.718	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	70150	31.831	ug/l	98
42) 1,2-Dichloroethane	8.653	62	113230	30.856	ug/l	99
43) Isopropyl Acetate	8.677	43	207388	31.222	ug/l	98
44) Trichloroethene	9.330	130	65022	29.824	ug/l	92
45) 1,2-Dichloropropane	9.606	63	76707	30.474	ug/l	93
46) Dibromomethane	9.694	93	56764	31.690	ug/l	95
47) Bromodichloromethane	9.871	83	123181	33.554	ug/l	96
48) Methyl methacrylate	9.665	41	94231	29.992	ug/l	96
49) 1,4-Dioxane	9.682	88	25712	631.386	ug/l #	84
51) 4-Methyl-2-Pentanone	10.424	43	687556	171.562	ug/l	100
52) Toluene	10.612	92	181985	30.740	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	111440	29.327	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	119590	30.310	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	75491	32.963	ug/l	97
56) Ethyl methacrylate	10.859	69	118299	32.322	ug/l	98
57) 1,3-Dichloropropane	11.141	76	129845	32.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	282515	142.614	ug/l	99
59) 2-Hexanone	11.177	43	436656	172.399	ug/l	99
60) Dibromochloromethane	11.335	129	88304	33.277	ug/l	100
61) 1,2-Dibromoethane	11.447	107	82199	34.039	ug/l	97
64) Tetrachloroethene	11.082	164	59685	31.563	ug/l	90
65) Chlorobenzene	11.871	112	200029	29.499	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	73064	32.456	ug/l	97
67) Ethyl Benzene	11.941	91	341307	29.071	ug/l	98
68) m/p-Xylenes	12.047	106	252714	58.691	ug/l	99
69) o-Xylene	12.376	106	129139	30.604	ug/l	93
70) Styrene	12.394	104	216897	30.681	ug/l	99
71) Bromoform	12.559	173	57284	33.179	ug/l #	97
73) Isopropylbenzene	12.671	105	311217	26.198	ug/l	100
74) N-amyl acetate	12.535	43	109372m	24.294	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	127085	31.072	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	112026m	32.495	ug/l	
77) Bromobenzene	12.959	156	80174	28.623	ug/l	98
78) n-propylbenzene	13.012	91	388588	26.556	ug/l	99
79) 2-Chlorotoluene	13.100	91	245313	27.858	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	275761	27.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	25947	19.925	ug/l	98
82) 4-Chlorotoluene	13.200	91	254463	27.485	ug/l	99
83) tert-Butylbenzene	13.412	119	233888	27.851	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	281777	27.931	ug/l	99
85) sec-Butylbenzene	13.594	105	335951	26.957	ug/l	99
86) p-Isopropyltoluene	13.706	119	273836	26.610	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	157698	28.589	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	161904	28.205	ug/l	98
89) n-Butylbenzene	14.035	91	261342	25.571	ug/l	98
90) Hexachloroethane	14.312	117	47860	24.411	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	156427	29.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27316	28.115	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	87960	27.991	ug/l	99
94) Hexachlorobutadiene	15.476	225	32646	29.141	ug/l	97
95) Naphthalene	15.612	128	311153	27.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.812	180	87263	28.406	ug/l	99

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

