

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088490.D
 Acq On : 10 Dec 2025 11:30
 Operator : JC\MD
 Sample : VN1210MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
 Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 02:04:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	239935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	463963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	421763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	207175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	264951	58.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.240%			
35) Dibromofluoromethane	8.147	113	171458	53.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	10.541	98	616050	51.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.829	95	218833	53.312	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	66901	18.564	ug/l	98
3) Chloromethane	2.383	50	77432	20.005	ug/l	98
4) Vinyl Chloride	2.536	62	74058	18.808	ug/l	92
5) Bromomethane	2.989	94	39575	20.882	ug/l	96
6) Chloroethane	3.148	64	50590	20.761	ug/l	96
7) Trichlorofluoromethane	3.518	101	110021	19.880	ug/l	97
8) Diethyl Ether	3.959	74	44324	21.338	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	56642	19.225	ug/l	99
10) Methyl Iodide	4.583	142	50146	17.193	ug/l #	91
11) Tert butyl alcohol	5.512	59	60937	84.444	ug/l	96
12) 1,1-Dichloroethene	4.342	96	56172	19.189	ug/l	93
13) Acrolein	4.177	56	66502	96.258	ug/l	99
14) Allyl chloride	5.018	41	112330	20.704	ug/l	98
15) Acrylonitrile	5.706	53	218782	105.081	ug/l	98
16) Acetone	4.418	43	183995	112.561	ug/l	97
17) Carbon Disulfide	4.712	76	177918	18.600	ug/l	98
18) Methyl Acetate	5.018	43	112475	23.116	ug/l	98
19) Methyl tert-butyl Ether	5.777	73	238476	21.744	ug/l	96
20) Methylene Chloride	5.265	84	74120	21.193	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	64668	19.943	ug/l	97
22) Diisopropyl ether	6.653	45	260567	22.495	ug/l	92
23) Vinyl Acetate	6.589	43	1147799	122.989	ug/l	98
24) 1,1-Dichloroethane	6.553	63	146086	22.270	ug/l	99
25) 2-Butanone	7.465	43	279418	106.329	ug/l	92
26) 2,2-Dichloropropane	7.477	77	122144	21.572	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	79313	21.046	ug/l	98
28) Bromochloromethane	7.800	49	70544	21.588	ug/l	97
29) Tetrahydrofuran	7.824	42	200738	106.499	ug/l	97
30) Chloroform	7.947	83	147188	22.835	ug/l	95
31) Cyclohexane	8.236	56	110006	18.506	ug/l	93
32) 1,1,1-Trichloroethane	8.147	97	120942	21.340	ug/l	94
36) 1,1-Dichloropropene	8.353	75	89653	18.067	ug/l	99
37) Ethyl Acetate	7.547	43	131091	20.092	ug/l	98
38) Carbon Tetrachloride	8.347	117	98717	19.984	ug/l	91
39) Methylcyclohexane	9.577	83	83548	15.741	ug/l	93
40) Benzene	8.588	78	293260	20.136	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	67725	20.957	ug/l	97
42) 1,2-Dichloroethane	8.653	62	129220	23.256	ug/l	100
43) Isopropyl Acetate	8.671	43	203323	20.396	ug/l	99
44) Trichloroethene	9.330	130	64267	18.676	ug/l	91
45) 1,2-Dichloropropane	9.594	63	79397	21.278	ug/l	98
46) Dibromomethane	9.688	93	59119	22.200	ug/l	97
47) Bromodichloromethane	9.871	83	118421	21.795	ug/l	96
48) Methyl methacrylate	9.659	41	91902	20.205	ug/l	98
49) 1,4-Dioxane	9.677	88	19294	333.550	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	631633	107.495	ug/l	98
52) Toluene	10.606	92	177428	21.098	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	113278	20.311	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	123813	21.110	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69043	21.220	ug/l	98
56) Ethyl methacrylate	10.853	69	104275	20.289	ug/l	99
57) 1,3-Dichloropropane	11.141	76	127313	21.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	271429	91.607	ug/l	99
59) 2-Hexanone	11.177	43	370935	100.210	ug/l	97
60) Dibromochloromethane	11.335	129	79260	21.369	ug/l	98
61) 1,2-Dibromoethane	11.447	107	68262	20.718	ug/l	96
64) Tetrachloroethene	11.082	164	54191	16.207	ug/l	93
65) Chlorobenzene	11.871	112	190890	20.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	67294	21.061	ug/l	99
67) Ethyl Benzene	11.941	91	315850	19.075	ug/l	97
68) m/p-Xylenes	12.047	106	236525	38.527	ug/l	98
69) o-Xylene	12.377	106	108849	18.598	ug/l	96
70) Styrene	12.388	104	192573	20.264	ug/l	98
71) Bromoform	12.559	173	48273	20.627	ug/l #	100
73) Isopropylbenzene	12.671	105	280266	18.296	ug/l	99
74) N-amyl acetate	12.682	43	94236m	18.064	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	105969	21.399	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	87060m	17.942	ug/l	
77) Bromobenzene	12.959	156	72031	20.552	ug/l	99
78) n-propylbenzene	13.012	91	350570	18.707	ug/l	98
79) 2-Chlorotoluene	13.100	91	217924	19.043	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	234298	18.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	31878	18.637	ug/l #	94
82) 4-Chlorotoluene	13.200	91	227044	19.975	ug/l	98
83) tert-Butylbenzene	13.418	119	191145	17.715	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	245542	19.462	ug/l	99
85) sec-Butylbenzene	13.594	105	275594	17.779	ug/l	100
86) p-Isopropyltoluene	13.706	119	230001	18.094	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	132967	19.489	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	137101	19.184	ug/l	95
89) n-Butylbenzene	14.035	91	211634	17.148	ug/l	98
90) Hexachloroethane	14.306	117	42318	18.224	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	126309	19.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21852	18.187	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	65335	17.127	ug/l	97
94) Hexachlorobutadiene	15.476	225	22890	16.698	ug/l	97
95) Naphthalene	15.617	128	222786	16.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	63849	17.198	ug/l	95

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

