

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088217.D
 Acq On : 06 Nov 2025 18:58
 Operator : JC\MD
 Sample : VN1106MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106MBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025

Quant Time: Nov 07 02:25:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	304027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	601062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	538359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	273676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	317811	60.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.900%			
35) Dibromofluoromethane	8.147	113	209277	51.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.547	98	775368	49.834	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.829	95	297482	54.138	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61506	17.935	ug/l	97
3) Chloromethane	2.383	50	75414	18.692	ug/l	96
4) Vinyl Chloride	2.536	62	77143	17.549	ug/l	98
5) Bromomethane	2.977	94	44916	17.082	ug/l	88
6) Chloroethane	3.136	64	52383	16.539	ug/l	96
7) Trichlorofluoromethane	3.512	101	116079	16.556	ug/l	95
8) Diethyl Ether	3.965	74	52919	20.308	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	60126	16.619	ug/l	94
10) Methyl Iodide	4.583	142	58637	17.734	ug/l	95
11) Tert butyl alcohol	5.524	59	99794	110.183	ug/l	96
12) 1,1-Dichloroethene	4.342	96	63273	16.558	ug/l	95
13) Acrolein	4.183	56	71895	70.571	ug/l	98
14) Allyl chloride	5.018	41	127377	19.018	ug/l	97
15) Acrylonitrile	5.712	53	271111	109.890	ug/l	97
16) Acetone	4.424	43	258607	97.914	ug/l	99
17) Carbon Disulfide	4.706	76	198568	17.094	ug/l	95
18) Methyl Acetate	5.018	43	123165	22.778	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	295593	21.063	ug/l	99
20) Methylene Chloride	5.265	84	85837	19.361	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	77757	18.538	ug/l	95
22) Diisopropyl ether	6.653	45	303187	21.524	ug/l	98
23) Vinyl Acetate	6.588	43	1360915	107.257	ug/l	99
24) 1,1-Dichloroethane	6.553	63	161878	20.746	ug/l	96
25) 2-Butanone	7.465	43	371868	106.838	ug/l	99
26) 2,2-Dichloropropane	7.477	77	129331	18.239	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	98343	20.366	ug/l	95
28) Bromochloromethane	7.794	49	81690	22.157	ug/l	96
29) Tetrahydrofuran	7.824	42	243631	107.404	ug/l	98
30) Chloroform	7.947	83	162327	20.824	ug/l	100
31) Cyclohexane	8.241	56	127333	17.303	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	133737	19.263	ug/l	99
36) 1,1-Dichloropropene	8.353	75	106874	18.127	ug/l	99
37) Ethyl Acetate	7.553	43	156709	20.596	ug/l	99
38) Carbon Tetrachloride	8.341	117	109780	18.028	ug/l	99
39) Methylcyclohexane	9.577	83	105721	13.950	ug/l	96
40) Benzene	8.588	78	342444	19.072	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	76503	19.104	ug/l	97
42) 1,2-Dichloroethane	8.653	62	131794	20.658	ug/l	99
43) Isopropyl Acetate	8.671	43	235543	20.147	ug/l	98
44) Trichloroethene	9.335	130	74863	17.838	ug/l	98
45) 1,2-Dichloropropane	9.600	63	89598	19.765	ug/l	98
46) Dibromomethane	9.694	93	64730	20.022	ug/l	99
47) Bromodichloromethane	9.871	83	130759	20.201	ug/l	98
48) Methyl methacrylate	9.665	41	110974	20.559	ug/l	100
49) 1,4-Dioxane	9.682	88	27691	412.477	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	744568	107.651	ug/l	100
52) Toluene	10.606	92	204738	18.494	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	135418	19.657	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	145046	19.841	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	81585	19.425	ug/l	97
56) Ethyl methacrylate	10.853	69	132918	19.998	ug/l	97
57) 1,3-Dichloropropane	11.141	76	147435	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	392123	113.421	ug/l	99
59) 2-Hexanone	11.176	43	470368	102.516	ug/l	97
60) Dibromochloromethane	11.335	129	94638	19.825	ug/l	95
61) 1,2-Dibromoethane	11.447	107	81562	18.869	ug/l	96
64) Tetrachloroethene	11.082	164	59673	16.804	ug/l	97
65) Chlorobenzene	11.871	112	225984	18.486	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.935	131	74967	18.718	ug/l	98
67) Ethyl Benzene	11.941	91	383801	17.886	ug/l	98
68) m/p-Xylenes	12.047	106	283916	35.314	ug/l	99
69) o-Xylene	12.376	106	140003	18.370	ug/l	99
70) Styrene	12.388	104	235213	18.926	ug/l	97
71) Bromoform	12.559	173	55578	18.595	ug/l #	100
73) Isopropylbenzene	12.676	105	347000	16.439	ug/l	99
74) N-amyl acetate	12.623	43	104708m	17.475	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	126505	19.250	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	123780m	19.782	ug/l	
77) Bromobenzene	12.959	156	84655	18.599	ug/l	98
78) n-propylbenzene	13.012	91	415673	16.137	ug/l	100
79) 2-Chlorotoluene	13.100	91	263655	17.948	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	285934	16.311	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	36048	16.071	ug/l	92
82) 4-Chlorotoluene	13.200	91	274060	17.244	ug/l	99
83) tert-Butylbenzene	13.412	119	242081	15.459	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	296476	16.904	ug/l	100
85) sec-Butylbenzene	13.594	105	333627	14.501	ug/l	99
86) p-Isopropyltoluene	13.706	119	278441	15.086	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	160278	17.639	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	162987	16.701	ug/l	96
89) n-Butylbenzene	14.035	91	252713	13.823	ug/l	100
90) Hexachloroethane	14.312	117	52298	14.632	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	154129	17.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28153	18.406	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	78547	14.807	ug/l	99
94) Hexachlorobutadiene	15.470	225	24292	12.297	ug/l	98
95) Naphthalene	15.617	128	287798	15.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71791	14.115	ug/l	99

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

