

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088200.D
 Acq On : 06 Nov 2025 12:32
 Operator : JC\MD
 Sample : VN1106MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 5 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 02:16:41 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	394116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	713278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	606685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	292276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	331330	48.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	8.147	113	232538	48.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.060%		
50) Toluene-d8	10.547	98	874558	47.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.829	95	313930	48.143	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	80555	18.120	ug/l	99
3) Chloromethane	2.383	50	85460	16.340	ug/l	95
4) Vinyl Chloride	2.536	62	99665	17.489	ug/l	96
5) Bromomethane	2.977	94	53696	15.754	ug/l	97
6) Chloroethane	3.136	64	62307	15.176	ug/l	99
7) Trichlorofluoromethane	3.512	101	154697	17.020	ug/l	94
8) Diethyl Ether	3.959	74	57055	16.890	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	87780	18.716	ug/l	97
10) Methyl Iodide	4.577	142	68487	15.978	ug/l	96
11) Tert butyl alcohol	5.518	59	107881	91.885	ug/l #	81
12) 1,1-Dichloroethene	4.336	96	81807	16.515	ug/l	97
13) Acrolein	4.171	56	87853	66.523	ug/l	99
14) Allyl chloride	5.012	41	146685	16.894	ug/l	95
15) Acrylonitrile	5.706	53	288231	90.124	ug/l	99
16) Acetone	4.424	43	285364	83.347	ug/l	99
17) Carbon Disulfide	4.706	76	241239	16.021	ug/l	97
18) Methyl Acetate	5.018	43	130004	18.547	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	332377	18.271	ug/l	98
20) Methylene Chloride	5.259	84	96559	16.801	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	92431	16.999	ug/l	88
22) Diisopropyl ether	6.659	45	326318	17.871	ug/l	98
23) Vinyl Acetate	6.588	43	1485957	90.342	ug/l	99
24) 1,1-Dichloroethane	6.553	63	181699	17.964	ug/l	99
25) 2-Butanone	7.471	43	402146	89.127	ug/l	97
26) 2,2-Dichloropropane	7.477	77	165740	18.031	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	109305	17.462	ug/l	95
28) Bromochloromethane	7.794	49	99930	20.909	ug/l	98
29) Tetrahydrofuran	7.824	42	256532	87.240	ug/l	100
30) Chloroform	7.947	83	182557	18.066	ug/l	100
31) Cyclohexane	8.235	56	174554	18.298	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	164653	18.295	ug/l	95
36) 1,1-Dichloropropene	8.353	75	134211	19.182	ug/l	98
37) Ethyl Acetate	7.547	43	156154	17.295	ug/l #	95
38) Carbon Tetrachloride	8.341	117	139987	19.372	ug/l	97
39) Methylcyclohexane	9.577	83	155394	17.279	ug/l	94
40) Benzene	8.588	78	391995	18.397	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	88328	18.587	ug/l	99
42) 1,2-Dichloroethane	8.653	62	149295	19.719	ug/l	99
43) Isopropyl Acetate	8.671	43	257804	18.582	ug/l	100
44) Trichloroethene	9.335	130	90056	18.082	ug/l	98
45) 1,2-Dichloropropane	9.600	63	97707	18.163	ug/l	98
46) Dibromomethane	9.688	93	70976	18.500	ug/l	96
47) Bromodichloromethane	9.871	83	143946	18.740	ug/l	98
48) Methyl methacrylate	9.659	41	120478	18.809	ug/l	98
49) 1,4-Dioxane	9.682	88	31762	398.684	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	787896	95.994	ug/l	100
52) Toluene	10.606	92	239796	18.253	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	154701	18.923	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	162514	18.733	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	88687	17.794	ug/l	96
56) Ethyl methacrylate	10.859	69	149333	18.933	ug/l	97
57) 1,3-Dichloropropane	11.141	76	161814	18.471	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	419403	102.226	ug/l	99
59) 2-Hexanone	11.176	43	508494	93.390	ug/l	99
60) Dibromochloromethane	11.335	129	100837	17.800	ug/l	98
61) 1,2-Dibromoethane	11.447	107	92138	17.962	ug/l	99
64) Tetrachloroethene	11.082	164	73203	18.293	ug/l	94
65) Chlorobenzene	11.871	112	260854	18.936	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	87133	19.306	ug/l	99
67) Ethyl Benzene	11.941	91	457216	18.908	ug/l	97
68) m/p-Xylenes	12.047	106	337117	37.209	ug/l	99
69) o-Xylene	12.376	106	161396	18.792	ug/l	100
70) Styrene	12.388	104	273345	19.517	ug/l	98
71) Bromoform	12.559	173	62929	18.684	ug/l #	99
73) Isopropylbenzene	12.670	105	420010	18.632	ug/l	98
74) N-amyl acetate	12.682	43	126119m	19.708	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	135491	19.306	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	130605m	19.545	ug/l	
77) Bromobenzene	12.959	156	96620	19.876	ug/l	99
78) n-propylbenzene	13.012	91	517026	18.794	ug/l	100
79) 2-Chlorotoluene	13.100	91	311046	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	349179	18.651	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	40958	17.098	ug/l #	95
82) 4-Chlorotoluene	13.200	91	314442	18.526	ug/l	100
83) tert-Butylbenzene	13.417	119	300687	17.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	349713	18.670	ug/l	100
85) sec-Butylbenzene	13.594	105	432490	17.602	ug/l	99
86) p-Isopropyltoluene	13.706	119	354976	18.009	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	185023	19.067	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	189304	18.163	ug/l	97
89) n-Butylbenzene	14.035	91	335730	17.195	ug/l	99
90) Hexachloroethane	14.306	117	65512	17.163	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	173542	18.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	31663	19.383	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	90473	15.970	ug/l	99
94) Hexachlorobutadiene	15.476	225	34555	16.380	ug/l	96
95) Naphthalene	15.611	128	323763	16.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	81568	15.016	ug/l	96

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

