

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
 Data File : VN088239.D
 Acq On : 10 Nov 2025 14:44
 Operator : JC\MD
 Sample : VN1110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2025
 Supervised By : Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:52:42 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	286176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	524957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	463912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271871	54.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.880%			
35) Dibromofluoromethane	8.147	113	189946	53.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	10.547	98	680100	50.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.829	95	243684	50.777	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	57910	17.940	ug/l	98
3) Chloromethane	2.383	50	72257	19.027	ug/l	100
4) Vinyl Chloride	2.536	62	75586	18.267	ug/l	93
5) Bromomethane	2.977	94	44578	18.011	ug/l	90
6) Chloroethane	3.136	64	52658	17.663	ug/l	98
7) Trichlorofluoromethane	3.506	101	113104	17.138	ug/l	95
8) Diethyl Ether	3.959	74	47057	19.185	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	62227	18.272	ug/l	96
10) Methyl Iodide	4.588	142	64413	20.696	ug/l	93
11) Tert butyl alcohol	5.524	59	102797	120.578	ug/l	98
12) 1,1-Dichloroethene	4.336	96	61188	17.011	ug/l	96
13) Acrolein	4.171	56	105961	110.497	ug/l	98
14) Allyl chloride	5.012	41	127443	20.214	ug/l	99
15) Acrylonitrile	5.706	53	266578	114.793	ug/l	99
16) Acetone	4.424	43	255432	102.744	ug/l	99
17) Carbon Disulfide	4.706	76	191306	17.496	ug/l	100
18) Methyl Acetate	5.024	43	126675	24.889	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	286298	21.674	ug/l	99
20) Methylene Chloride	5.265	84	84700	20.296	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73428	18.598	ug/l	97
22) Diisopropyl ether	6.659	45	292427	22.055	ug/l	97
23) Vinyl Acetate	6.588	43	1332680	111.584	ug/l	98
24) 1,1-Dichloroethane	6.553	63	153128	20.849	ug/l	98
25) 2-Butanone	7.471	43	370702	113.146	ug/l	100
26) 2,2-Dichloropropane	7.471	77	128373	19.234	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	91672	20.169	ug/l	96
28) Bromochloromethane	7.800	49	75341	21.710	ug/l	98
29) Tetrahydrofuran	7.824	42	240366	112.574	ug/l	97
30) Chloroform	7.947	83	156117	21.277	ug/l	99
31) Cyclohexane	8.241	56	128971	18.619	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	130641	19.991	ug/l	97
36) 1,1-Dichloropropene	8.353	75	103201	20.042	ug/l	99
37) Ethyl Acetate	7.547	43	147864	22.251	ug/l	96
38) Carbon Tetrachloride	8.341	117	106706	20.063	ug/l	97
39) Methylcyclohexane	9.582	83	116451	17.594	ug/l	96
40) Benzene	8.582	78	322180	20.544	ug/l	98

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41) Methacrylonitrile	7.765	41	76338	21.827	ug/l	98
42) 1,2-Dichloroethane	8.653	62	132408	23.763	ug/l	99
43) Isopropyl Acetate	8.671	43	235397	23.053	ug/l	99
44) Trichloroethene	9.329	130	71838	19.598	ug/l	99
45) 1,2-Dichloropropane	9.600	63	84327	21.299	ug/l	97
46) Dibromomethane	9.688	93	64867	22.973	ug/l	98
47) Bromodichloromethane	9.865	83	126199	22.323	ug/l	95
48) Methyl methacrylate	9.665	41	107083	22.715	ug/l	99
49) 1,4-Dioxane	9.682	88	29875	509.523	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	714367	118.258	ug/l	100
52) Toluene	10.606	92	194635	20.130	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	130523	21.693	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	137666	21.562	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	79332	21.627	ug/l	95
56) Ethyl methacrylate	10.859	69	127759	22.009	ug/l	98
57) 1,3-Dichloropropane	11.141	76	141607	21.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	323523	107.145	ug/l	100
59) 2-Hexanone	11.176	43	442503	110.425	ug/l	96
60) Dibromochloromethane	11.335	129	89010	21.349	ug/l	99
61) 1,2-Dibromoethane	11.447	107	79672	21.104	ug/l	97
64) Tetrachloroethene	11.082	164	60660	19.823	ug/l	94
65) Chlorobenzene	11.870	112	206570	19.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	74806	21.676	ug/l	100
67) Ethyl Benzene	11.941	91	362863	19.624	ug/l	99
68) m/p-Xylenes	12.053	106	272912	39.392	ug/l	100
69) o-Xylene	12.376	106	133604	20.343	ug/l	100
70) Styrene	12.394	104	219599	20.505	ug/l	98
71) Bromoform	12.559	173	56796	22.052	ug/l #	98
73) Isopropylbenzene	12.676	105	344723	19.976	ug/l	100
74) N-amyl acetate	12.612	43	100104m	20.434	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	119688	22.277	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	109391m	21.384	ug/l	
77) Bromobenzene	12.959	156	81882	22.004	ug/l	98
78) n-propylbenzene	13.011	91	418225	19.859	ug/l	99
79) 2-Chlorotoluene	13.106	91	251446	20.937	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	292753	20.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	33798	18.430	ug/l #	94
82) 4-Chlorotoluene	13.200	91	262569	20.208	ug/l	100
83) tert-Butylbenzene	13.417	119	244168	19.071	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	295179	20.585	ug/l	98
85) sec-Butylbenzene	13.594	105	361300	19.208	ug/l	99
86) p-Isopropyltoluene	13.706	119	301885	20.006	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	152463	20.523	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	160973	20.175	ug/l	98
89) n-Butylbenzene	14.035	91	292803	19.590	ug/l	100
90) Hexachloroethane	14.311	117	57458	19.663	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	145697	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28385	22.699	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	87090	20.082	ug/l	98
94) Hexachlorobutadiene	15.476	225	34722	21.500	ug/l	99
95) Naphthalene	15.617	128	294766	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	80113	19.266	ug/l	97

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

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