

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087048.D
 Acq On : 17 Jun 2025 10:41
 Operator : JC\MD
 Sample : VN0617MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617MBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 01:43:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	89231	40.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.720%		
35) Dibromofluoromethane	8.171	113	76490	44.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.640%		
50) Toluene-d8	10.565	98	284166	41.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.180%#		
62) 4-Bromofluorobenzene	12.847	95	109163	43.000	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	33366	20.515	ug/l	99
3) Chloromethane	2.395	50	36615	17.434	ug/l	100
4) Vinyl Chloride	2.554	62	45958	21.213	ug/l	100
5) Bromomethane	3.001	94	22240	18.344	ug/l	92
6) Chloroethane	3.154	64	30760	21.981	ug/l	97
7) Trichlorofluoromethane	3.530	101	60319	21.310	ug/l	100
8) Diethyl Ether	3.983	74	24611	19.956	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.401	101	36884	20.740	ug/l	98
10) Methyl Iodide	4.618	142	18731	8.125	ug/l #	98
11) Tert butyl alcohol	5.542	59	50156	84.636	ug/l	100
12) 1,1-Dichloroethene	4.365	96	38125	20.999	ug/l	94
13) Acrolein	4.201	56	30874	164.591	ug/l	95
14) Allyl chloride	5.053	41	55721	18.506	ug/l	95
15) Acrylonitrile	5.736	53	128160	92.526	ug/l	99
16) Acetone	4.448	43	103116	89.032	ug/l	96
17) Carbon Disulfide	4.742	76	112112	22.324	ug/l	100
18) Methyl Acetate	5.053	43	54037	16.010	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	126486	19.241	ug/l	98
20) Methylene Chloride	5.295	84	43251	19.947	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	41143	20.368	ug/l	93
22) Diisopropyl ether	6.689	45	120179	18.935	ug/l	98
23) Vinyl Acetate	6.618	43	525399	97.976	ug/l	99
24) 1,1-Dichloroethane	6.589	63	72799	19.931	ug/l	99
25) 2-Butanone	7.494	43	161204	85.628	ug/l	98
26) 2,2-Dichloropropane	7.506	77	64216	22.601	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	48115	19.917	ug/l	99
28) Bromochloromethane	7.824	49	35124	19.558	ug/l	94
29) Tetrahydrofuran	7.847	42	107474	87.635	ug/l	95
30) Chloroform	7.977	83	72591	19.901	ug/l	100
31) Cyclohexane	8.265	56	67070	18.934	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	60984	19.657	ug/l	94
36) 1,1-Dichloropropene	8.377	75	54085	21.028	ug/l	98
37) Ethyl Acetate	7.571	43	61422	18.760	ug/l	99
38) Carbon Tetrachloride	8.371	117	52216	20.679	ug/l	95
39) Methylcyclohexane	9.606	83	63390	17.989	ug/l	95
40) Benzene	8.612	78	172457	20.505	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	32474	17.661	ug/l	94
42) 1,2-Dichloroethane	8.677	62	52067	20.411	ug/l	100
43) Isopropyl Acetate	8.694	43	97394	18.533	ug/l	97
44) Trichloroethene	9.359	130	42452	21.287	ug/l	93
45) 1,2-Dichloropropane	9.624	63	41726	20.392	ug/l	99
46) Dibromomethane	9.712	93	29137	21.439	ug/l	98
47) Bromodichloromethane	9.888	83	56674	20.268	ug/l	100
48) Methyl methacrylate	9.683	41	43609	18.030	ug/l	97
49) 1,4-Dioxane	9.700	88	16521	375.464	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	290853	91.938	ug/l	98
52) Toluene	10.630	92	104921	20.413	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	63429	20.286	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	69081	20.648	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	41033	20.748	ug/l	96
56) Ethyl methacrylate	10.882	69	60622	19.245	ug/l	95
57) 1,3-Dichloropropane	11.165	76	69445	20.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	171851	91.466	ug/l	100
59) 2-Hexanone	11.206	43	168473	82.675	ug/l	92
60) Dibromochloromethane	11.359	129	42875	20.807	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42490	20.961	ug/l	96
64) Tetrachloroethene	11.106	164	33279	20.272	ug/l	94
65) Chlorobenzene	11.888	112	115352	20.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36939	20.086	ug/l	99
67) Ethyl Benzene	11.965	91	191752	19.458	ug/l	99
68) m/p-Xylenes	12.071	106	153880	40.792	ug/l	97
69) o-Xylene	12.394	106	72001	19.929	ug/l	97
70) Styrene	12.412	104	120295	19.458	ug/l	99
71) Bromoform	12.582	173	28798	21.134	ug/l #	99
73) Isopropylbenzene	12.694	105	177650	18.904	ug/l	100
74) N-amyl acetate	12.535	43	62769m	19.114	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	65213	20.484	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60839m	19.841	ug/l	
77) Bromobenzene	12.976	156	43869	20.355	ug/l	99
78) n-propylbenzene	13.035	91	216897	18.992	ug/l	100
79) 2-Chlorotoluene	13.124	91	130719	19.086	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	147855	19.057	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25809	19.376	ug/l	97
82) 4-Chlorotoluene	13.218	91	136546	19.704	ug/l	99
83) tert-Butylbenzene	13.435	119	124512	17.532	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	147968	19.019	ug/l	98
85) sec-Butylbenzene	13.612	105	181087	17.558	ug/l	99
86) p-Isopropyltoluene	13.723	119	152823	17.925	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	85378	20.135	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86326	19.969	ug/l	98
89) n-Butylbenzene	14.053	91	136805	16.566	ug/l	99
90) Hexachloroethane	14.329	117	27391	18.954	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	81841	20.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13895	18.250	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	46305	17.800	ug/l	99
94) Hexachlorobutadiene	15.500	225	13740	14.177	ug/l	95
95) Naphthalene	15.635	128	175028	18.076	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	43590	16.866	ug/l	98

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

