

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087349.D
 Acq On : 17 Jul 2025 16:53
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 01:27:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	287158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	522852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	472313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	239369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	245251	50.334	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	8.153	113	177427	49.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.380%			
50) Toluene-d8	10.547	98	644832	50.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.829	95	251932	53.004	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	57492	18.850	ug/l	92
3) Chloromethane	2.383	50	66404	17.313	ug/l	99
4) Vinyl Chloride	2.542	62	63514	16.663	ug/l	95
5) Bromomethane	2.983	94	37961	19.232	ug/l	99
6) Chloroethane	3.136	64	41410	16.659	ug/l	96
7) Trichlorofluoromethane	3.506	101	95023	16.859	ug/l	94
8) Diethyl Ether	3.965	74	38938	17.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	50708	17.526	ug/l	98
10) Methyl Iodide	4.571	142	57271	22.705	ug/l #	93
11) Tert butyl alcohol	5.530	59	78475	84.822	ug/l	99
12) 1,1-Dichloroethene	4.336	96	54105	16.502	ug/l	89
13) Acrolein	4.177	56	65227	87.851	ug/l	99
14) Allyl chloride	5.012	41	112359m	18.936	ug/l	
15) Acrylonitrile	5.712	53	210265	83.752	ug/l	100
16) Acetone	4.424	43	173181	75.805	ug/l	94
17) Carbon Disulfide	4.695	76	161076	16.571	ug/l	95
18) Methyl Acetate	5.024	43	93600	16.308	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	226500	18.743	ug/l	96
20) Methylene Chloride	5.259	84	66449	16.781	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	63175	17.089	ug/l	89
22) Diisopropyl ether	6.665	45	224429	18.032	ug/l #	97
23) Vinyl Acetate	6.594	43	1027613	94.404	ug/l	98
24) 1,1-Dichloroethane	6.553	63	123073	17.140	ug/l	97
25) 2-Butanone	7.471	43	289005	81.874	ug/l	96
26) 2,2-Dichloropropane	7.483	77	103124	18.472	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	76234	17.912	ug/l	98
28) Bromochloromethane	7.800	49	56081	16.319	ug/l	95
29) Tetrahydrofuran	7.830	42	193315	84.303	ug/l	97
30) Chloroform	7.953	83	124994	17.391	ug/l	98
31) Cyclohexane	8.241	56	106726	17.817	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	107872	17.329	ug/l	96
36) 1,1-Dichloropropene	8.353	75	83335	17.489	ug/l	100
37) Ethyl Acetate	7.547	43	114741	16.673	ug/l	97
38) Carbon Tetrachloride	8.347	117	91594	17.450	ug/l	97
39) Methylcyclohexane	9.588	83	96852	18.774	ug/l	94
40) Benzene	8.588	78	272742	17.710	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	61760	17.163	ug/l	99
42) 1,2-Dichloroethane	8.659	62	98447	16.857	ug/l	99
43) Isopropyl Acetate	8.677	43	185545	17.368	ug/l	98
44) Trichloroethene	9.341	130	62682	17.225	ug/l	100
45) 1,2-Dichloropropane	9.606	63	67226	17.180	ug/l	95
46) Dibromomethane	9.694	93	49663	16.951	ug/l	97
47) Bromodichloromethane	9.871	83	100391	17.011	ug/l	93
48) Methyl methacrylate	9.665	41	83042	17.267	ug/l	97
49) 1,4-Dioxane	9.682	88	22718	308.418	ug/l #	100
51) 4-Methyl-2-Pentanone	10.429	43	576862	85.377	ug/l	100
52) Toluene	10.612	92	166477	17.785	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	110022	18.421	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	116110	18.821	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	65433	17.266	ug/l	96
56) Ethyl methacrylate	10.859	69	110934	18.193	ug/l	96
57) 1,3-Dichloropropane	11.141	76	114094	17.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	298939	96.160	ug/l	98
59) 2-Hexanone	11.182	43	389302	86.844	ug/l	98
60) Dibromochloromethane	11.341	129	75091	17.374	ug/l	100
61) 1,2-Dibromoethane	11.453	107	69249	17.379	ug/l	99
64) Tetrachloroethene	11.088	164	53240	17.514	ug/l	91
65) Chlorobenzene	11.871	112	181463	17.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	63738	17.677	ug/l	99
67) Ethyl Benzene	11.947	91	315439	18.070	ug/l	99
68) m/p-Xylenes	12.053	106	241907	37.007	ug/l	97
69) o-Xylene	12.376	106	122618	19.637	ug/l	100
70) Styrene	12.394	104	197669	18.819	ug/l	99
71) Bromoform	12.559	173	50794	17.437	ug/l #	93
73) Isopropylbenzene	12.676	105	317324	21.063	ug/l	97
74) N-amyl acetate	12.512	43	118649m	18.956	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	102144	18.019	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	89434m	16.662	ug/l	
77) Bromobenzene	12.959	156	73970	18.932	ug/l	98
78) n-propylbenzene	13.018	91	359082	18.944	ug/l	99
79) 2-Chlorotoluene	13.106	91	220495	18.928	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	250469	19.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	36052	18.377	ug/l	98
82) 4-Chlorotoluene	13.200	91	223743	18.448	ug/l	100
83) tert-Butylbenzene	13.418	119	219065	20.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	254769	19.436	ug/l	100
85) sec-Butylbenzene	13.594	105	307716	19.056	ug/l	97
86) p-Isopropyltoluene	13.706	119	264490	20.438	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	137648	17.951	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	142611	17.413	ug/l	96
89) n-Butylbenzene	14.035	91	238882	19.331	ug/l	97
90) Hexachloroethane	14.312	117	47968	17.494	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	133963	18.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	24212	16.268	ug/l	92
93) 1,2,4-Trichlorobenzene	15.370	180	81733	19.154	ug/l	97
94) Hexachlorobutadiene	15.470	225	32152	20.278	ug/l	94
95) Naphthalene	15.617	128	394754	26.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	78490	18.337	ug/l	96

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

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