

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087350.D
 Acq On : 17 Jul 2025 17:14
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Quant Time: Jul 18 01:28:59 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	294961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	532471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	467660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	229639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	245270	49.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.020%		
35) Dibromofluoromethane	8.153	113	183016	49.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	10.547	98	675911	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.180%		
62) 4-Bromofluorobenzene	12.829	95	252504	52.164	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	65662	20.959	ug/l	96
3) Chloromethane	2.383	50	73817	18.737	ug/l	91
4) Vinyl Chloride	2.542	62	74865	19.122	ug/l	95
5) Bromomethane	2.983	94	42790	21.105	ug/l	99
6) Chloroethane	3.136	64	45715	17.904	ug/l	100
7) Trichlorofluoromethane	3.512	101	107130	18.505	ug/l	92
8) Diethyl Ether	3.965	74	45276	20.161	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	56230	18.921	ug/l	98
10) Methyl Iodide	4.577	142	67651	25.266	ug/l	98
11) Tert butyl alcohol	5.524	59	91136	95.901	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58985	17.515	ug/l	94
13) Acrolein	4.177	56	69617	91.283	ug/l	97
14) Allyl chloride	5.012	41	125336m	20.565	ug/l	
15) Acrylonitrile	5.712	53	238906	92.643	ug/l	99
16) Acetone	4.424	43	197775	84.280	ug/l	97
17) Carbon Disulfide	4.701	76	183630	18.392	ug/l	95
18) Methyl Acetate	5.018	43	108469	18.398	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	252620	20.351	ug/l	98
20) Methylene Chloride	5.259	84	75800	18.707	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	68104	17.935	ug/l	89
22) Diisopropyl ether	6.665	45	249623	19.526	ug/l	98
23) Vinyl Acetate	6.595	43	1153466	103.162	ug/l	98
24) 1,1-Dichloroethane	6.553	63	135527	18.375	ug/l	98
25) 2-Butanone	7.471	43	335146	92.434	ug/l	95
26) 2,2-Dichloropropane	7.477	77	115857	20.204	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	83450	19.088	ug/l	99
28) Bromochloromethane	7.794	49	66368	18.802	ug/l	98
29) Tetrahydrofuran	7.836	42	220168	93.473	ug/l	99
30) Chloroform	7.953	83	137225	18.588	ug/l	92
31) Cyclohexane	8.241	56	128052	20.812	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	124727	19.507	ug/l	92
36) 1,1-Dichloropropene	8.353	75	95469	19.674	ug/l	98
37) Ethyl Acetate	7.547	43	131442	18.755	ug/l	98
38) Carbon Tetrachloride	8.347	117	104360	19.523	ug/l	90
39) Methylcyclohexane	9.588	83	115975	22.075	ug/l	97
40) Benzene	8.589	78	300947	19.188	ug/l	99

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41) Methacrylonitrile	7.765	41	70718	19.298	ug/l	98
42) 1,2-Dichloroethane	8.653	62	110399	18.562	ug/l	100
43) Isopropyl Acetate	8.677	43	204523	18.799	ug/l	98
44) Trichloroethene	9.336	130	71423	19.273	ug/l	96
45) 1,2-Dichloropropane	9.606	63	76803	19.273	ug/l	97
46) Dibromomethane	9.688	93	56231	18.846	ug/l	97
47) Bromodichloromethane	9.871	83	114124	18.989	ug/l	99
48) Methyl methacrylate	9.665	41	97622	19.932	ug/l	99
49) 1,4-Dioxane	9.683	88	26669	355.516	ug/l #	99
51) 4-Methyl-2-Pentanone	10.430	43	647091	94.041	ug/l	99
52) Toluene	10.612	92	184942	19.400	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	122710	20.175	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	126569	20.145	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	74818	19.386	ug/l	93
56) Ethyl methacrylate	10.859	69	125912	20.177	ug/l	97
57) 1,3-Dichloropropane	11.147	76	130529	19.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	333252	105.261	ug/l	100
59) 2-Hexanone	11.177	43	443099	97.059	ug/l	98
60) Dibromochloromethane	11.341	129	84730	19.250	ug/l	99
61) 1,2-Dibromoethane	11.447	107	78795	19.417	ug/l	93
64) Tetrachloroethene	11.088	164	57862	19.224	ug/l	93
65) Chlorobenzene	11.871	112	207301	19.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	70991	19.885	ug/l	99
67) Ethyl Benzene	11.947	91	351334	20.327	ug/l	99
68) m/p-Xylenes	12.053	106	266983	41.250	ug/l	98
69) o-Xylene	12.377	106	130884	21.170	ug/l	99
70) Styrene	12.394	104	216849	20.850	ug/l	97
71) Bromoform	12.559	173	56346	19.536	ug/l #	95
73) Isopropylbenzene	12.677	105	348075	24.083	ug/l	99
74) N-amyl acetate	12.506	43	115459m	19.227	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	111871	20.571	ug/l	96
76) 1,2,3-Trichloropropane	12.976	75	97307m	18.897	ug/l	
77) Bromobenzene	12.959	156	81529	21.751	ug/l	98
78) n-propylbenzene	13.018	91	403767	22.204	ug/l	99
79) 2-Chlorotoluene	13.106	91	243305	21.771	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	282690	22.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	41393m	21.994	ug/l	
82) 4-Chlorotoluene	13.200	91	250643	21.542	ug/l	98
83) tert-Butylbenzene	13.418	119	244321	23.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.465	105	291495	23.179	ug/l	96
85) sec-Butylbenzene	13.594	105	354757	22.899	ug/l	100
86) p-Isopropyltoluene	13.706	119	295597	23.809	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	152573	20.740	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	153935	19.592	ug/l	97
89) n-Butylbenzene	14.035	91	273472	23.068	ug/l	99
90) Hexachloroethane	14.312	117	55256	21.006	ug/l	100
91) 1,2-Dichlorobenzene	14.088	146	144086	20.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	26738	18.726	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	93495	22.838	ug/l	97
94) Hexachlorobutadiene	15.476	225	37072	24.371	ug/l	99
95) Naphthalene	15.617	128	360150	24.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	91475	22.276	ug/l	98

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

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