

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086725.D
 Acq On : 21 May 2025 12:32
 Operator : JC\MD
 Sample : VN0521MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:20:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	134268	51.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.165	113	108136	52.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.565	98	446043	52.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.847	95	150485	49.974	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43058	21.213	ug/l	100
3) Chloromethane	2.359	50	60037	19.556	ug/l	97
4) Vinyl Chloride	2.518	62	55426	20.102	ug/l	97
5) Bromomethane	2.959	94	30185	18.991	ug/l	98
6) Chloroethane	3.124	64	34954	19.352	ug/l	98
7) Trichlorofluoromethane	3.500	101	65959	20.018	ug/l	99
8) Diethyl Ether	3.959	74	26994	19.831	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	40561	20.562	ug/l	97
10) Methyl Iodide	4.594	142	44865	18.284	ug/l	98
11) Tert butyl alcohol	5.512	59	42550	89.956	ug/l	100
12) 1,1-Dichloroethene	4.341	96	40364	19.254	ug/l	92
13) Acrolein	4.177	56	41866	82.795	ug/l	97
14) Allyl chloride	5.024	41	62006	19.541	ug/l	95
15) Acrylonitrile	5.718	53	113196	96.653	ug/l	99
16) Acetone	4.424	43	87750	90.323	ug/l	97
17) Carbon Disulfide	4.712	76	114597	19.744	ug/l	98
18) Methyl Acetate	5.018	43	50594	18.607	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	139192	19.500	ug/l	99
20) Methylene Chloride	5.271	84	48131	18.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	43140	19.464	ug/l	94
22) Diisopropyl ether	6.671	45	143741	20.080	ug/l	100
23) Vinyl Acetate	6.600	43	514684	95.664	ug/l	99
24) 1,1-Dichloroethane	6.565	63	82259	19.572	ug/l	97
25) 2-Butanone	7.477	43	142910	95.194	ug/l	98
26) 2,2-Dichloropropane	7.488	77	70176	20.233	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	51679	18.996	ug/l	97
28) Bromochloromethane	7.806	49	37400	19.586	ug/l	100
29) Tetrahydrofuran	7.835	42	95108	97.059	ug/l	98
30) Chloroform	7.965	83	81897	19.468	ug/l	100
31) Cyclohexane	8.253	56	75162	19.283	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	69166	19.501	ug/l	98
36) 1,1-Dichloropropene	8.365	75	58951	19.420	ug/l	98
37) Ethyl Acetate	7.553	43	60511	19.734	ug/l	96
38) Carbon Tetrachloride	8.359	117	57894	19.357	ug/l	99
39) Methylcyclohexane	9.594	83	62680	19.078	ug/l	97
40) Benzene	8.606	78	191458	19.334	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30277	18.287	ug/l	97
42) 1,2-Dichloroethane	8.665	62	59668	19.341	ug/l	99
43) Isopropyl Acetate	8.682	43	113441	18.454	ug/l	95
44) Trichloroethene	9.347	130	46262	19.369	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46101	19.598	ug/l	96
46) Dibromomethane	9.706	93	30477	19.200	ug/l	97
47) Bromodichloromethane	9.888	83	64153	19.616	ug/l	99
48) Methyl methacrylate	9.676	41	44505	18.684	ug/l	100
49) 1,4-Dioxane	9.694	88	18377	364.347	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	293682	94.739	ug/l	100
52) Toluene	10.629	92	117394	19.074	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	67881	19.603	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	74205	19.631	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44502	19.384	ug/l	97
56) Ethyl methacrylate	10.870	69	69660	18.897	ug/l	97
57) 1,3-Dichloropropane	11.159	76	76975	19.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	151785	92.132	ug/l	98
59) 2-Hexanone	11.194	43	210511	92.993	ug/l	100
60) Dibromochloromethane	11.353	129	46382	19.277	ug/l	100
61) 1,2-Dibromoethane	11.465	107	43316	18.775	ug/l	100
64) Tetrachloroethene	11.100	164	47421	20.864	ug/l	95
65) Chlorobenzene	11.888	112	128106	19.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	42374	20.175	ug/l	98
67) Ethyl Benzene	11.959	91	217523	19.520	ug/l	98
68) m/p-Xylenes	12.064	106	167445	39.671	ug/l	98
69) o-Xylene	12.394	106	81370	19.391	ug/l	97
70) Styrene	12.406	104	136051	19.803	ug/l	99
71) Bromoform	12.576	173	29216	19.559	ug/l #	96
73) Isopropylbenzene	12.694	105	198561	19.208	ug/l	98
74) N-amyl acetate	12.488	43	81083	18.773	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	60498	19.049	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	50948m	16.831	ug/l	
77) Bromobenzene	12.976	156	48615	18.695	ug/l	98
78) n-propylbenzene	13.029	91	231786	19.538	ug/l	100
79) 2-Chlorotoluene	13.123	91	149362	19.363	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	164336	19.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21643	18.044	ug/l	96
82) 4-Chlorotoluene	13.217	91	147173	19.258	ug/l	99
83) tert-Butylbenzene	13.435	119	136846	18.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	164122	19.899	ug/l	99
85) sec-Butylbenzene	13.611	105	191963	19.821	ug/l	98
86) p-Isopropyltoluene	13.723	119	158111	19.917	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87534	19.439	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	87467	19.605	ug/l	99
89) n-Butylbenzene	14.053	91	131106	19.922	ug/l	98
90) Hexachloroethane	14.329	117	26221	19.908	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	84371	19.699	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10090	19.178	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	34702	19.195	ug/l	99
94) Hexachlorobutadiene	15.494	225	14732	19.641	ug/l	96
95) Naphthalene	15.635	128	112936	17.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	32956	18.615	ug/l	98

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

