

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086761.D
 Acq On : 22 May 2025 13:07
 Operator : JC\MD
 Sample : VN0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:37:00 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	8.218	168	240003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	422004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	370265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150951	45.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	8.165	113	127569	50.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	10.565	98	522061	50.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.847	95	185288	50.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52670	20.321	ug/l	99
3) Chloromethane	2.359	50	65297	16.656	ug/l	98
4) Vinyl Chloride	2.512	62	63322	17.985	ug/l	99
5) Bromomethane	2.948	94	35544	17.512	ug/l	94
6) Chloroethane	3.112	64	40597	17.602	ug/l	96
7) Trichlorofluoromethane	3.500	101	81837	19.450	ug/l	100
8) Diethyl Ether	3.959	74	35917	20.664	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	50253	19.951	ug/l	95
10) Methyl Iodide	4.589	142	59602	19.022	ug/l	97
11) Tert butyl alcohol	5.512	59	56223	93.085	ug/l	99
12) 1,1-Dichloroethene	4.342	96	52004	19.427	ug/l	93
13) Acrolein	4.177	56	54317	84.123	ug/l	99
14) Allyl chloride	5.024	41	69622	17.183	ug/l	95
15) Acrylonitrile	5.712	53	140782	94.138	ug/l	98
16) Acetone	4.430	43	103750	83.632	ug/l	97
17) Carbon Disulfide	4.706	76	132976	17.942	ug/l	99
18) Methyl Acetate	5.018	43	61868	17.818	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	181408	19.902	ug/l	99
20) Methylene Chloride	5.277	84	60270	18.411	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	54910	19.401	ug/l	95
22) Diisopropyl ether	6.671	45	169983	18.596	ug/l	96
23) Vinyl Acetate	6.600	43	614694	89.474	ug/l	96
24) 1,1-Dichloroethane	6.565	63	98765	18.403	ug/l	99
25) 2-Butanone	7.483	43	170970	89.186	ug/l	95
26) 2,2-Dichloropropane	7.488	77	80499	18.175	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	67987	19.570	ug/l	95
28) Bromochloromethane	7.812	49	43196	17.715	ug/l	87
29) Tetrahydrofuran	7.835	42	112802	90.151	ug/l	94
30) Chloroform	7.965	83	99282	18.482	ug/l	99
31) Cyclohexane	8.253	56	88993	17.879	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	87588	19.339	ug/l	95
36) 1,1-Dichloropropene	8.371	75	73314	19.777	ug/l	99
37) Ethyl Acetate	7.553	43	67998	18.159	ug/l	98
38) Carbon Tetrachloride	8.359	117	72609	19.879	ug/l	99
39) Methylcyclohexane	9.594	83	79226	19.746	ug/l	97
40) Benzene	8.600	78	239697	19.821	ug/l	100

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41) Methacrylonitrile	7.777	41	36521	18.063	ug/l	94
42) 1,2-Dichloroethane	8.665	62	71707	19.033	ug/l	96
43) Isopropyl Acetate	8.682	43	122591	16.330	ug/l	95
44) Trichloroethene	9.347	130	61928	21.231	ug/l	95
45) 1,2-Dichloropropane	9.618	63	56242	19.577	ug/l	99
46) Dibromomethane	9.706	93	38559	19.891	ug/l	96
47) Bromodichloromethane	9.882	83	78016	19.533	ug/l	97
48) Methyl methacrylate	9.677	41	54634	18.781	ug/l	93
49) 1,4-Dioxane	9.694	88	25654	416.484	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	347716	91.850	ug/l	95
52) Toluene	10.629	92	150180	19.981	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83961	19.855	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	91713	19.867	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	55962	19.960	ug/l	98
56) Ethyl methacrylate	10.871	69	92309	20.505	ug/l	94
57) 1,3-Dichloropropane	11.159	76	95880	19.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197522	98.175	ug/l	97
59) 2-Hexanone	11.194	43	254760	92.153	ug/l	95
60) Dibromochloromethane	11.359	129	60635	20.636	ug/l	98
61) 1,2-Dibromoethane	11.465	107	56927	20.205	ug/l	98
64) Tetrachloroethene	11.100	164	64358	22.690	ug/l	93
65) Chlorobenzene	11.888	112	165728	20.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54407	20.757	ug/l	98
67) Ethyl Benzene	11.959	91	280240	20.151	ug/l	98
68) m/p-Xylenes	12.065	106	219400	41.652	ug/l	96
69) o-Xylene	12.394	106	107898	20.604	ug/l	99
70) Styrene	12.406	104	180125	21.009	ug/l	98
71) Bromoform	12.576	173	41077	22.036	ug/l #	96
73) Isopropylbenzene	12.694	105	259811	19.392	ug/l	100
74) N-amyl acetate	12.488	43	98883	17.665	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	73616	17.885	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	71687m	18.273	ug/l	
77) Bromobenzene	12.976	156	64538	19.149	ug/l	96
78) n-propylbenzene	13.029	91	289765	18.846	ug/l	98
79) 2-Chlorotoluene	13.123	91	190338	19.039	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	209751	19.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	30589	19.677	ug/l	89
82) 4-Chlorotoluene	13.217	91	187125	18.893	ug/l	99
83) tert-Butylbenzene	13.435	119	182936	19.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	214802	20.095	ug/l	98
85) sec-Butylbenzene	13.612	105	249369	19.867	ug/l	99
86) p-Isopropyltoluene	13.723	119	211720	20.578	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	117402	20.117	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	117439	20.310	ug/l	100
89) n-Butylbenzene	14.053	91	169087	19.824	ug/l	98
90) Hexachloroethane	14.329	117	33707	19.745	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	112729	20.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	13672	20.051	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	52179	22.269	ug/l	98
94) Hexachlorobutadiene	15.494	225	21609	22.229	ug/l	96
95) Naphthalene	15.635	128	273538	33.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49303	21.487	ug/l	98

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

