

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086754.D
 Acq On : 22 May 2025 10:18
 Operator : JC\MD
 Sample : VN0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 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 01:32:07 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	239706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148232	44.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	8.165	113	125086	50.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	10.565	98	507506	49.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.847	95	179316	49.508	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47187	18.228	ug/l	95
3) Chloromethane	2.359	50	60348	15.413	ug/l	99
4) Vinyl Chloride	2.512	62	56600	16.096	ug/l	96
5) Bromomethane	2.959	94	34105	16.824	ug/l	100
6) Chloroethane	3.124	64	37345	16.212	ug/l	96
7) Trichlorofluoromethane	3.500	101	74415	17.708	ug/l	96
8) Diethyl Ether	3.959	74	33009	19.015	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	45043	17.904	ug/l	98
10) Methyl Iodide	4.583	142	54928	17.552	ug/l	94
11) Tert butyl alcohol	5.512	59	53187	88.167	ug/l	100
12) 1,1-Dichloroethene	4.342	96	46801	17.505	ug/l	91
13) Acrolein	4.177	56	56008	86.849	ug/l	100
14) Allyl chloride	5.018	41	70959	17.535	ug/l	91
15) Acrylonitrile	5.718	53	130289	87.229	ug/l	100
16) Acetone	4.424	43	96836	78.155	ug/l	97
17) Carbon Disulfide	4.712	76	121108	16.361	ug/l	98
18) Methyl Acetate	5.024	43	55630	16.042	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	167293	18.376	ug/l	99
20) Methylene Chloride	5.277	84	55101	16.852	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	48981	17.328	ug/l	95
22) Diisopropyl ether	6.665	45	155603	17.044	ug/l	98
23) Vinyl Acetate	6.600	43	568753	82.890	ug/l	96
24) 1,1-Dichloroethane	6.571	63	90144	16.817	ug/l	97
25) 2-Butanone	7.477	43	162482	84.863	ug/l	100
26) 2,2-Dichloropropane	7.494	77	77338	17.483	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61318	17.672	ug/l	96
28) Bromochloromethane	7.812	49	41211	16.922	ug/l	88
29) Tetrahydrofuran	7.835	42	105240	84.212	ug/l	93
30) Chloroform	7.965	83	92847	17.306	ug/l	98
31) Cyclohexane	8.253	56	80251	16.143	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79612	17.600	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65671	17.986	ug/l	98
37) Ethyl Acetate	7.553	43	66114	17.926	ug/l	97
38) Carbon Tetrachloride	8.359	117	65916	18.323	ug/l	97
39) Methylcyclohexane	9.600	83	74667	18.895	ug/l	95
40) Benzene	8.600	78	218897	18.378	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37210	18.685	ug/l	96
42) 1,2-Dichloroethane	8.671	62	66164	17.830	ug/l	97
43) Isopropyl Acetate	8.688	43	114573	15.496	ug/l	96
44) Trichloroethene	9.353	130	55704	19.390	ug/l	95
45) 1,2-Dichloropropane	9.618	63	51959	18.363	ug/l	99
46) Dibromomethane	9.706	93	36163	18.941	ug/l	96
47) Bromodichloromethane	9.888	83	72372	18.397	ug/l	97
48) Methyl methacrylate	9.677	41	50648	17.678	ug/l	92
49) 1,4-Dioxane	9.688	88	25013	412.296	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	326938	87.684	ug/l	97
52) Toluene	10.629	92	138095	18.654	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	78628	18.878	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	84834	18.659	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	51084	18.499	ug/l	97
56) Ethyl methacrylate	10.871	69	84742	19.113	ug/l	94
57) 1,3-Dichloropropane	11.159	76	88764	18.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	195491	98.653	ug/l	97
59) 2-Hexanone	11.194	43	240187	88.212	ug/l	97
60) Dibromochloromethane	11.359	129	56854	19.645	ug/l	99
61) 1,2-Dibromoethane	11.465	107	52084	18.769	ug/l	98
64) Tetrachloroethene	11.100	164	57713	20.524	ug/l	95
65) Chlorobenzene	11.888	112	153127	19.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	49254	18.955	ug/l	98
67) Ethyl Benzene	11.959	91	255233	18.512	ug/l	99
68) m/p-Xylenes	12.070	106	201636	38.612	ug/l	96
69) o-Xylene	12.394	106	99582	19.181	ug/l	98
70) Styrene	12.406	104	163486	19.234	ug/l	99
71) Bromoform	12.576	173	37837	20.474	ug/l #	97
73) Isopropylbenzene	12.694	105	232972	17.650	ug/l	100
74) N-amyl acetate	12.488	43	88180	15.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	69704	17.189	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	67500m	17.464	ug/l	
77) Bromobenzene	12.976	156	58709	17.682	ug/l	96
78) n-propylbenzene	13.035	91	269787	17.811	ug/l	98
79) 2-Chlorotoluene	13.123	91	175534	17.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	192948	18.246	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	29057	18.973	ug/l	96
82) 4-Chlorotoluene	13.217	91	173825	17.814	ug/l	100
83) tert-Butylbenzene	13.435	119	171618	18.609	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	193619	18.386	ug/l	100
85) sec-Butylbenzene	13.612	105	229971	18.597	ug/l	100
86) p-Isopropyltoluene	13.723	119	194269	19.166	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	108014	18.787	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	109941	19.300	ug/l	99
89) n-Butylbenzene	14.053	91	159921	19.032	ug/l	99
90) Hexachloroethane	14.329	117	31070	18.475	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	105818	19.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12753	18.984	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	47418	20.542	ug/l	98
94) Hexachlorobutadiene	15.500	225	20349	21.248	ug/l	97
95) Naphthalene	15.641	128	165106	20.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46335	20.497	ug/l	99

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

