

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086491.D
 Acq On : 05 May 2025 17:13
 Operator : JC\MD
 Sample : VN0505MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 01:46:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130104	51.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.165	113	86050	57.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.600%			
50) Toluene-d8	10.565	98	407923	50.826	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.847	95	150202	51.310	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44543	21.547	ug/l	96
3) Chloromethane	2.359	50	59896	19.935	ug/l	100
4) Vinyl Chloride	2.512	62	57590	20.086	ug/l	100
5) Bromomethane	2.959	94	31279	24.254	ug/l	100
6) Chloroethane	3.118	64	37234	19.404	ug/l	97
7) Trichlorofluoromethane	3.495	101	66522	20.946	ug/l	99
8) Diethyl Ether	3.959	74	26911	19.410	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	39674	20.650	ug/l	98
10) Methyl Iodide	4.589	142	49175	23.281	ug/l	98
11) Tert butyl alcohol	5.518	59	43369	93.993	ug/l	100
12) 1,1-Dichloroethene	4.342	96	39810	19.395	ug/l	98
13) Acrolein	4.183	56	22436	94.919	ug/l	98
14) Allyl chloride	5.030	41	65646	17.991	ug/l	97
15) Acrylonitrile	5.718	53	107773	94.486	ug/l	99
16) Acetone	4.424	43	90063	99.575	ug/l	98
17) Carbon Disulfide	4.712	76	105148	17.109	ug/l	97
18) Methyl Acetate	5.024	43	52056	17.149	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	146305	19.391	ug/l	95
20) Methylene Chloride	5.277	84	47392	20.272	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	42054	19.597	ug/l	93
22) Diisopropyl ether	6.671	45	141369	17.810	ug/l	97
23) Vinyl Acetate	6.600	43	515118	92.835	ug/l	97
24) 1,1-Dichloroethane	6.565	63	80332	19.181	ug/l	97
25) 2-Butanone	7.477	43	141686	90.012	ug/l	96
26) 2,2-Dichloropropane	7.489	77	66100	17.627	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	53341	20.027	ug/l	94
28) Bromochloromethane	7.812	49	33538	18.886	ug/l	89
29) Tetrahydrofuran	7.841	42	93763	89.078	ug/l	95
30) Chloroform	7.965	83	82657	20.091	ug/l	96
31) Cyclohexane	8.253	56	73846	18.019	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	70453	20.018	ug/l	98
36) 1,1-Dichloropropene	8.365	75	58349	19.454	ug/l	99
37) Ethyl Acetate	7.553	43	58336	18.474	ug/l	100
38) Carbon Tetrachloride	8.359	117	58441	20.460	ug/l	98
39) Methylcyclohexane	9.594	83	66279	18.591	ug/l	96
40) Benzene	8.600	78	189893	19.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30742	16.798	ug/l	91
42) 1,2-Dichloroethane	8.665	62	62197	20.296	ug/l	99
43) Isopropyl Acetate	8.683	43	111105	18.158	ug/l	99
44) Trichloroethene	9.347	130	47059	20.660	ug/l	91
45) 1,2-Dichloropropane	9.618	63	44946	19.107	ug/l	96
46) Dibromomethane	9.706	93	31240	20.843	ug/l	95
47) Bromodichloromethane	9.883	83	66389	20.509	ug/l	96
48) Methyl methacrylate	9.677	41	49116	17.712	ug/l	95
49) 1,4-Dioxane	9.694	88	18848	399.585	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	305173	94.377	ug/l	99
52) Toluene	10.630	92	121786	20.310	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	68916	19.072	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	74892	18.870	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	44752	20.743	ug/l	99
56) Ethyl methacrylate	10.871	69	73957	18.649	ug/l	97
57) 1,3-Dichloropropane	11.159	76	77843	20.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	156596	83.197	ug/l	97
59) 2-Hexanone	11.194	43	228224	95.155	ug/l	100
60) Dibromochloromethane	11.353	129	49609	20.940	ug/l	99
61) 1,2-Dibromoethane	11.465	107	45714	21.000	ug/l	100
64) Tetrachloroethene	11.100	164	48146	21.289	ug/l	94
65) Chlorobenzene	11.888	112	134455	20.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44341	20.485	ug/l	100
67) Ethyl Benzene	11.959	91	243976	20.606	ug/l	99
68) m/p-Xylenes	12.065	106	182606	41.161	ug/l	97
69) o-Xylene	12.394	106	89754	20.458	ug/l	97
70) Styrene	12.406	104	146108	19.987	ug/l	99
71) Bromoform	12.576	173	32058	19.671	ug/l #	99
73) Isopropylbenzene	12.694	105	218515	19.432	ug/l	98
74) N-amyl acetate	12.488	43	94007	16.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63276	19.570	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	61399m	18.926	ug/l	
77) Bromobenzene	12.976	156	53295	21.389	ug/l	91
78) n-propylbenzene	13.029	91	256242	19.337	ug/l	100
79) 2-Chlorotoluene	13.124	91	160710	19.382	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	181334	19.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23223	17.192	ug/l	96
82) 4-Chlorotoluene	13.218	91	158679	19.265	ug/l	97
83) tert-Butylbenzene	13.435	119	157263	19.719	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	184046	19.645	ug/l	100
85) sec-Butylbenzene	13.612	105	216273	19.551	ug/l	100
86) p-Isopropyltoluene	13.723	119	178716	19.601	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	95175	20.319	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	95409	20.223	ug/l	100
89) n-Butylbenzene	14.053	91	152279	18.842	ug/l	99
90) Hexachloroethane	14.329	117	28745	18.743	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	92093	20.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11468	17.590	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	41192	18.943	ug/l	99
94) Hexachlorobutadiene	15.500	225	15115	18.414	ug/l	98
95) Naphthalene	15.635	128	388428	50.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39310	19.094	ug/l	99

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

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