

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086122.D
 Acq On : 26 Mar 2025 13:35
 Operator : JC\MD
 Sample : VN0326MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:35:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137619	51.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.165	113	114150	52.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	10.565	98	416117	52.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.847	95	143573	50.897	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46769	18.094	ug/l	100
3) Chloromethane	2.359	50	48692	21.489	ug/l	99
4) Vinyl Chloride	2.512	62	50144	21.643	ug/l	94
5) Bromomethane	2.953	94	31959	20.251	ug/l	100
6) Chloroethane	3.118	64	31621	21.635	ug/l #	86
7) Trichlorofluoromethane	3.495	101	74798	17.959	ug/l	99
8) Diethyl Ether	3.959	74	24314	19.070	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	44403	20.060	ug/l	98
10) Methyl Iodide	4.589	142	55980	19.409	ug/l	95
11) Tert butyl alcohol	5.524	59	35967	95.090	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38666	19.345	ug/l	91
13) Acrolein	4.183	56	35853	88.872	ug/l	96
14) Allyl chloride	5.030	41	46607	18.691	ug/l	97
15) Acrylonitrile	5.718	53	111850	111.970	ug/l	98
16) Acetone	4.430	43	82121	100.617	ug/l	97
17) Carbon Disulfide	4.712	76	114644	17.441	ug/l	98
18) Methyl Acetate	5.024	43	51262	25.385	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	128250	19.581	ug/l	100
20) Methylene Chloride	5.277	84	50536	21.165	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	42616	19.510	ug/l	94
22) Diisopropyl ether	6.665	45	121181	22.805	ug/l	95
23) Vinyl Acetate	6.600	43	429174	106.544	ug/l	100
24) 1,1-Dichloroethane	6.571	63	81622	20.889	ug/l	98
25) 2-Butanone	7.483	43	129699	110.130	ug/l	94
26) 2,2-Dichloropropane	7.488	77	69562	18.491	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	49754	20.044	ug/l	100
28) Bromochloromethane	7.806	49	37632	22.731	ug/l	95
29) Tetrahydrofuran	7.835	42	81839	112.560	ug/l	99
30) Chloroform	7.959	83	88607	20.516	ug/l	94
31) Cyclohexane	8.253	56	63691	19.134	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	77303	18.908	ug/l	98
36) 1,1-Dichloropropene	8.371	75	55465	19.328	ug/l	100
37) Ethyl Acetate	7.559	43	51603	21.315	ug/l	100
38) Carbon Tetrachloride	8.359	117	72387	19.184	ug/l	98
39) Methylcyclohexane	9.600	83	51157	17.968	ug/l #	88
40) Benzene	8.606	78	187659	20.831	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27165	23.498	ug/l	95
42) 1,2-Dichloroethane	8.671	62	63476	20.221	ug/l	98
43) Isopropyl Acetate	8.688	43	93646	17.850	ug/l	95
44) Trichloroethene	9.347	130	42909	18.378	ug/l	87
45) 1,2-Dichloropropane	9.618	63	46169	22.532	ug/l	99
46) Dibromomethane	9.706	93	35270	21.888	ug/l	97
47) Bromodichloromethane	9.888	83	71371	21.192	ug/l	96
48) Methyl methacrylate	9.677	41	36480	21.072	ug/l	98
49) 1,4-Dioxane	9.694	88	19142	467.735	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	274448	118.618	ug/l	98
52) Toluene	10.629	92	117414	21.236	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	66824	20.431	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	72190	20.920	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	47077	22.308	ug/l	96
56) Ethyl methacrylate	10.876	69	61594	21.225	ug/l	96
57) 1,3-Dichloropropane	11.159	76	77049	21.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	128800	116.156	ug/l	96
59) 2-Hexanone	11.194	43	199139	118.147	ug/l	96
60) Dibromochloromethane	11.359	129	57457	21.099	ug/l	100
61) 1,2-Dibromoethane	11.470	107	45615	21.055	ug/l	96
64) Tetrachloroethene	11.100	164	46343	20.324	ug/l	91
65) Chlorobenzene	11.888	112	126921	19.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	48877	20.102	ug/l	100
67) Ethyl Benzene	11.965	91	197077	18.836	ug/l	99
68) m/p-Xylenes	12.070	106	164329	39.959	ug/l	97
69) o-Xylene	12.394	106	74999	19.870	ug/l	95
70) Styrene	12.412	104	128564	19.942	ug/l	98
71) Bromoform	12.576	173	40512	19.931	ug/l #	100
73) Isopropylbenzene	12.694	105	181650	18.215	ug/l	99
74) N-amyl acetate	12.494	43	69553	20.846	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67306	19.949	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	65543m	20.047	ug/l	
77) Bromobenzene	12.976	156	53010	19.063	ug/l	97
78) n-propylbenzene	13.035	91	223183	19.764	ug/l	99
79) 2-Chlorotoluene	13.123	91	146308	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	162851	19.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25654	20.745	ug/l	96
82) 4-Chlorotoluene	13.217	91	149132	19.334	ug/l	99
83) tert-Butylbenzene	13.435	119	123528	17.154	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	163776	19.285	ug/l	99
85) sec-Butylbenzene	13.617	105	179339	19.091	ug/l	99
86) p-Isopropyltoluene	13.729	119	151502	19.052	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	96712	19.295	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	96535	18.331	ug/l	99
89) n-Butylbenzene	14.053	91	115359	17.814	ug/l	98
90) Hexachloroethane	14.329	117	34204	18.641	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	93583	18.781	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12929	19.197	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	40784	16.278	ug/l	99
94) Hexachlorobutadiene	15.494	225	24330	16.738	ug/l	97
95) Naphthalene	15.635	128	115706	15.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	40547	17.056	ug/l	98

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

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