

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070131.D
 Acq On : 16 Dec 2021 12:23
 Operator : JC/MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1016842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1656800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1539073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	632064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	809778	51.578	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.160%	
35) Dibromofluoromethane	8.021	113	543181	52.340	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.680%	
50) Toluene-d8	10.443	98	2166336	51.987	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.731	95	758809	50.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.072	85	265951	22.424	ug/l	98
3) Chloromethane	2.303	50	314233	21.149	ug/l	98
4) Vinyl Chloride	2.445	62	275238	20.146	ug/l	99
5) Bromomethane	2.850	94	154046	20.754	ug/l	98
6) Chloroethane	3.017	64	160547	19.177	ug/l	100
7) Trichlorofluoromethane	3.371	101	334776	18.670	ug/l	98
8) Diethyl Ether	3.826	74	150245	21.756	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	211329	21.025	ug/l	96
10) Methyl Iodide	4.416	142	282252	20.555	ug/l	99
11) Tert butyl alcohol	5.385	59	264877	89.254	ug/l	100
12) 1,1-Dichloroethene	4.175	96	193377	19.965	ug/l	88
13) Acrolein	4.041	56	345867	136.855	ug/l	98
14) Allyl chloride	4.838	41	455868	20.887	ug/l #	89
15) Acrylonitrile	5.559	53	824327	103.081	ug/l	98
16) Acetone	4.290	43	989808	104.805	ug/l	97
17) Carbon Disulfide	4.524	76	500025	19.982	ug/l	98
18) Methyl Acetate	4.859	43	585205	20.528	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	789050	20.951	ug/l	95
20) Methylene Chloride	5.092	84	251211	20.009	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	212316	20.182	ug/l	85
22) Diisopropyl ether	6.500	45	935824	21.937	ug/l #	92
23) Vinyl Acetate	6.436	43	3702404	106.679	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	458861	20.765	ug/l	98
25) 2-Butanone	7.340	43	1282366	99.935	ug/l	91
26) 2,2-Dichloropropane	7.324	77	338452	19.699	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	256988	20.219	ug/l	86
28) Bromochloromethane	7.656	49	242219	21.078	ug/l #	76
29) Tetrahydrofuran	7.689	42	812085	104.221	ug/l #	86
30) Chloroform	7.820	83	459035	20.568	ug/l	99
31) Cyclohexane	8.093	56	459076	21.011	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	377527	19.859	ug/l	97
36) 1,1-Dichloropropene	8.222	75	332609	21.088	ug/l	96
37) Ethyl Acetate	7.415	43	476348	20.292	ug/l	95
38) Carbon Tetrachloride	8.206	117	295693	19.118	ug/l	95
39) Methylcyclohexane	9.461	83	397821	21.205	ug/l	90
40) Benzene	8.461	78	1020486	21.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	235897	21.407	ug/l	89
42) 1,2-Dichloroethane	8.531	62	408984	21.015	ug/l	97
43) Isopropyl Acetate	8.563	43	719707	20.717	ug/l #	93
44) Trichloroethene	9.217	130	231420	20.112	ug/l	84
45) 1,2-Dichloropropane	9.491	63	277387	21.426	ug/l	99
46) Dibromomethane	9.579	93	177144	20.864	ug/l	93
47) Bromodichloromethane	9.762	83	339458	21.117	ug/l	97
48) Methyl methacrylate	9.561	41	335181	20.675	ug/l	86
49) 1,4-Dioxane	9.571	88	122092	419.717	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2418228	107.304	ug/l	95
52) Toluene	10.505	92	620208	21.072	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	348869	19.827	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	391412	20.514	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	251377	21.168	ug/l	96
56) Ethyl methacrylate	10.762	69	409346	19.715	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	449692	21.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	429087	84.085	ug/l	90
59) 2-Hexanone	11.087	43	1758718	103.163	ug/l	92
60) Dibromochloromethane	11.239	129	226195	19.308	ug/l	99
61) 1,2-Dibromoethane	11.347	107	253879	20.640	ug/l	100
64) Tetrachloroethene	10.979	164	215450	20.645	ug/l	95
65) Chlorobenzene	11.770	112	642039	20.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	221348	20.142	ug/l	99
67) Ethyl Benzene	11.846	91	1190986	20.999	ug/l	97
68) m/p-Xylenes	11.953	106	866922	41.980	ug/l	91
69) o-Xylene	12.280	106	427239	20.539	ug/l	90
70) Styrene	12.296	104	689901	20.916	ug/l	95
71) Bromoform	12.460	173	159156	18.739	ug/l #	98
73) Isopropylbenzene	12.580	105	1120730	19.929	ug/l	98
74) N-amyl acetate	12.390	43	480268	19.311	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	397461	20.439	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	347861m	19.191	ug/l	
77) Bromobenzene	12.862	156	261524	19.799	ug/l	77
78) n-propylbenzene	12.921	91	1274929	20.373	ug/l	95
79) 2-Chlorotoluene	13.007	91	794386	20.090	ug/l	92
80) 1,3,5-Trimethylbenzene	13.060	105	907540	20.050	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	92257	19.366	ug/l	85
82) 4-Chlorotoluene	13.106	91	758778	20.405	ug/l	91
83) tert-Butylbenzene	13.323	119	781050	19.488	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	899737	20.872	ug/l	97
85) sec-Butylbenzene	13.503	105	1085869	19.974	ug/l	96
86) p-Isopropyltoluene	13.616	119	853044	20.074	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	440203	20.286	ug/l	97
88) 1,4-Dichlorobenzene	13.693	146	427957	20.068	ug/l	96
89) n-Butylbenzene	13.943	91	680439	19.740	ug/l	97
90) Hexachloroethane	14.211	117	133317	17.869	ug/l	88
91) 1,2-Dichlorobenzene	13.988	146	432336	20.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	66709	18.984	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	191392	20.272	ug/l	98
94) Hexachlorobutadiene	15.370	225	117537	20.975	ug/l	98
95) Naphthalene	15.506	128	519627	19.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	191445	20.455	ug/l	99

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

