

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070925.D
 Acq On : 3 Feb 2022 13:09
 Operator : JC/MD
 Sample : VN0203MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 04 04:42:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	708078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1134514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1040418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	474329	49.489	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.980%		
35) Dibromofluoromethane	8.021	113	348070	51.214	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.420%		
50) Toluene-d8	10.440	98	1396452	50.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.731	95	498531	49.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	161009	20.494	ug/l	98
3) Chloromethane	2.303	50	187204	18.865	ug/l	99
4) Vinyl Chloride	2.445	62	123139	14.854	ug/l	98
5) Bromomethane	2.853	94	86788	20.469	ug/l	99
6) Chloroethane	3.019	64	80712	21.468	ug/l	96
7) Trichlorofluoromethane	3.373	101	194393	20.998	ug/l	99
8) Diethyl Ether	3.821	74	70525	13.135	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	107072	15.329	ug/l	96
10) Methyl Iodide	4.417	142	149584	14.513	ug/l	99
11) Tert butyl alcohol	5.377	59	202888	100.740	ug/l	99
12) 1,1-Dichloroethene	4.178	96	98202	13.762	ug/l	92
13) Acrolein	4.041	56	132739	59.865	ug/l	99
14) Allyl chloride	4.840	41	222752	13.703	ug/l	95
15) Acrylonitrile	5.554	53	592190	105.292	ug/l	99
16) Acetone	4.288	43	404318	70.548	ug/l	97
17) Carbon Disulfide	4.527	76	295762	13.346	ug/l	99
18) Methyl Acetate	4.857	43	191431	14.317	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	568256	20.858	ug/l	95
20) Methylene Chloride	5.093	84	174698	20.073	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	152497	20.044	ug/l	87
22) Diisopropyl ether	6.495	45	672427	21.356	ug/l	93
23) Vinyl Acetate	6.434	43	2974117	106.787	ug/l	95
24) 1,1-Dichloroethane	6.385	63	323604	20.411	ug/l	98
25) 2-Butanone	7.337	43	858085	103.727	ug/l	92
26) 2,2-Dichloropropane	7.327	77	246306	19.782	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	180986	20.142	ug/l	88
28) Bromochloromethane	7.657	49	143286	20.712	ug/l #	77
29) Tetrahydrofuran	7.686	42	575789	107.155	ug/l	88
30) Chloroform	7.817	83	308239	20.437	ug/l	97
31) Cyclohexane	8.094	56	330339	20.285	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	256154	20.121	ug/l	98
36) 1,1-Dichloropropene	8.222	75	232444	21.053	ug/l	96
37) Ethyl Acetate	7.412	43	332949	21.880	ug/l	97
38) Carbon Tetrachloride	8.204	117	209934	20.820	ug/l	98
39) Methylcyclohexane	9.459	83	289540	21.332	ug/l	87
40) Benzene	8.461	78	720497	20.771	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	159975	20.923	ug/l	91
42) 1,2-Dichloroethane	8.531	62	253956	21.506	ug/l	100
43) Isopropyl Acetate	8.560	43	516037	20.172	ug/l #	95
44) Trichloroethene	9.215	130	168536	20.997	ug/l	92
45) 1,2-Dichloropropane	9.488	63	199463	21.474	ug/l	100
46) Dibromomethane	9.577	93	120305	21.620	ug/l	95
47) Bromodichloromethane	9.762	83	237798	21.216	ug/l	99
48) Methyl methacrylate	9.561	41	228480	20.716	ug/l #	84
49) 1,4-Dioxane	9.569	88	81403	440.579	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	1663174	110.457	ug/l	98
52) Toluene	10.505	92	440568	20.499	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	263523	20.833	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	288342	20.959	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	172735	21.162	ug/l	98
56) Ethyl methacrylate	10.762	69	299390	21.059	ug/l	90
57) 1,3-Dichloropropane	11.044	76	308634	21.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	280009	86.669	ug/l	91
59) 2-Hexanone	11.084	43	1188831	108.140	ug/l	97
60) Dibromochloromethane	11.237	129	169084	20.885	ug/l	99
61) 1,2-Dibromoethane	11.344	107	177312	21.122	ug/l	99
64) Tetrachloroethene	10.977	164	149422	21.942	ug/l	94
65) Chlorobenzene	11.771	112	445977	20.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	159671	21.009	ug/l	99
67) Ethyl Benzene	11.843	91	829038	20.885	ug/l	97
68) m/p-Xylenes	11.953	106	618249	42.035	ug/l	92
69) o-Xylene	12.280	106	304607	20.693	ug/l	94
70) Styrene	12.294	104	494358	21.309	ug/l	97
71) Bromoform	12.457	173	126784	20.204	ug/l #	99
73) Isopropylbenzene	12.578	105	791837	20.118	ug/l	97
74) N-amyl acetate	12.388	43	350460	19.881	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	278350	20.416	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	228258m	21.021	ug/l	
77) Bromobenzene	12.860	156	184700	19.574	ug/l	77
78) n-propylbenzene	12.919	91	910992	20.295	ug/l	96
79) 2-Chlorotoluene	13.007	91	556558	19.940	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	653894	20.494	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	77774	19.415	ug/l	97
82) 4-Chlorotoluene	13.104	91	548709	20.397	ug/l	92
83) tert-Butylbenzene	13.324	119	552985	19.872	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	638734	20.471	ug/l	98
85) sec-Butylbenzene	13.501	105	791090	20.320	ug/l	97
86) p-Isopropyltoluene	13.616	119	636991	20.748	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	318880	20.316	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	313803	19.987	ug/l	96
89) n-Butylbenzene	13.940	91	536738	19.838	ug/l	97
90) Hexachloroethane	14.211	117	105227	19.340	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	308250	20.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	49827	20.169	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	159692	19.165	ug/l	97
94) Hexachlorobutadiene	15.370	225	104559	20.792	ug/l	98
95) Naphthalene	15.507	128	405087	19.455	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	153131	20.315	ug/l	98

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

