

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012022\
 Data File : VN070713.D
 Acq On : 20 Jan 2022 11:31
 Operator : JC/MD
 Sample : VN0120MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 02:11:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	861146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1380989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1263802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	517635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	551032	44.648	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.300%		
35) Dibromofluoromethane	8.021	113	394407	46.042	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.080%		
50) Toluene-d8	10.440	98	1647946	45.665	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.728	95	574593	44.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	163531	16.434	ug/l	97
3) Chloromethane	2.303	50	226708	15.586	ug/l	98
4) Vinyl Chloride	2.448	62	230166	16.637	ug/l	98
5) Bromomethane	2.850	94	136308	18.918	ug/l	99
6) Chloroethane	3.019	64	137659	15.945	ug/l	97
7) Trichlorofluoromethane	3.376	101	277150	17.537	ug/l	96
8) Diethyl Ether	3.824	74	112915	16.356	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.208	101	153661	16.087	ug/l	96
10) Methyl Iodide	4.419	142	197833	16.062	ug/l	100
11) Tert butyl alcohol	5.377	59	187405	84.167	ug/l	98
12) 1,1-Dichloroethene	4.181	96	148946	15.635	ug/l	89
13) Acrolein	4.041	56	269487	84.390	ug/l	98
14) Allyl chloride	4.841	41	345645	16.652	ug/l	85
15) Acrylonitrile	5.554	53	592003	83.578	ug/l	99
16) Acetone	4.285	43	701433	81.886	ug/l	97
17) Carbon Disulfide	4.529	76	407456	15.748	ug/l	97
18) Methyl Acetate	4.859	43	267726	15.892	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	582377	17.112	ug/l	95
20) Methylene Chloride	5.093	84	184786	16.377	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	158276	16.507	ug/l	85
22) Diisopropyl ether	6.498	45	712983	17.329	ug/l	91
23) Vinyl Acetate	6.434	43	3031733	86.929	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	346583	16.841	ug/l	98
25) 2-Butanone	7.337	43	916653	85.041	ug/l	91
26) 2,2-Dichloropropane	7.324	77	264517	16.764	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	190118	16.692	ug/l	85
28) Bromochloromethane	7.657	49	164229	17.774	ug/l #	76
29) Tetrahydrofuran	7.686	42	568478	86.133	ug/l	87
30) Chloroform	7.817	83	340816	16.621	ug/l	100
31) Cyclohexane	8.094	56	359072	16.523	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	271953	17.025	ug/l	97
36) 1,1-Dichloropropene	8.222	75	247861	17.187	ug/l	96
37) Ethyl Acetate	7.413	43	341067	17.814	ug/l	96
38) Carbon Tetrachloride	8.206	117	225827	17.602	ug/l	99
39) Methylcyclohexane	9.459	83	306686	17.226	ug/l	88
40) Benzene	8.459	78	774266	17.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	160951	16.524	ug/l	91
42) 1,2-Dichloroethane	8.531	62	269112	17.369	ug/l	99
43) Isopropyl Acetate	8.560	43	507214	17.345	ug/l #	96
44) Trichloroethene	9.215	130	171072	16.888	ug/l	87
45) 1,2-Dichloropropane	9.488	63	208263	17.130	ug/l	99
46) Dibromomethane	9.577	93	126139	17.843	ug/l	94
47) Bromodichloromethane	9.762	83	251725	17.420	ug/l	99
48) Methyl methacrylate	9.561	41	231013	16.582	ug/l #	82
49) 1,4-Dioxane	9.569	88	76634	366.206	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	1648654	88.352	ug/l	97
52) Toluene	10.505	92	468407	17.524	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	274443	17.312	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	301346	17.389	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	180373	17.178	ug/l	97
56) Ethyl methacrylate	10.760	69	308318	17.030	ug/l	88
57) 1,3-Dichloropropane	11.044	76	326960	17.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	382987	90.412	ug/l	90
59) 2-Hexanone	11.084	43	1221403	90.103	ug/l	96
60) Dibromochloromethane	11.237	129	171267	17.486	ug/l	99
61) 1,2-Dibromoethane	11.344	107	181357	17.202	ug/l	99
64) Tetrachloroethene	10.977	164	161683	17.449	ug/l	95
65) Chlorobenzene	11.771	112	476049	17.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	166356	17.643	ug/l	99
67) Ethyl Benzene	11.843	91	894858	17.627	ug/l	95
68) m/p-Xylenes	11.953	106	658937	35.680	ug/l	91
69) o-Xylene	12.280	106	320133	17.467	ug/l	90
70) Styrene	12.294	104	525472	17.922	ug/l	96
71) Bromoform	12.457	173	124993	17.549	ug/l #	99
73) Isopropylbenzene	12.578	105	847322	17.303	ug/l	98
74) N-amyl acetate	12.388	43	346763	17.319	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	285202	17.245	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	251227m	18.299	ug/l	
77) Bromobenzene	12.860	156	187104	17.041	ug/l	73
78) n-propylbenzene	12.919	91	962036	17.566	ug/l	95
79) 2-Chlorotoluene	13.007	91	602021	17.377	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	704122	17.780	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	77169	16.745	ug/l	96
82) 4-Chlorotoluene	13.104	91	570893	17.637	ug/l	91
83) tert-Butylbenzene	13.324	119	590489	17.129	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	676500	17.772	ug/l	97
85) sec-Butylbenzene	13.501	105	819788	17.492	ug/l	97
86) p-Isopropyltoluene	13.616	119	650907	17.680	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	320407	17.543	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	308800	16.989	ug/l	96
89) n-Butylbenzene	13.940	91	521234	17.162	ug/l	97
90) Hexachloroethane	14.209	117	108178	16.810	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	310548	17.209	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	46195	16.466	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	138064	16.873	ug/l	98
94) Hexachlorobutadiene	15.370	225	96349	18.028	ug/l	98
95) Naphthalene	15.504	128	340697	16.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	134645	16.997	ug/l	98

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

