

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071028.D
 Acq On : 22 Feb 2022 16:10
 Operator : JC\MD
 Sample : VN0222MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Quant Time: Feb 23 00:59:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	512245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	813299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	728612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	284923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	287596	49.149	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.300%
35) Dibromofluoromethane	8.022	113	226406	46.802	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.600%
50) Toluene-d8	10.439	98	894409	46.039	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.727	95	290097	41.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	93613	17.595	ug/l	97
3) Chloromethane	2.299	50	123545	18.474	ug/l	97
4) Vinyl Chloride	2.440	62	116160	17.352	ug/l	98
5) Bromomethane	2.852	94	66231	17.416	ug/l	96
6) Chloroethane	3.016	64	71020	16.171	ug/l	98
7) Trichlorofluoromethane	3.369	101	156543	18.660	ug/l	96
8) Diethyl Ether	3.822	74	66143	18.136	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	92537	17.978	ug/l	96
10) Methyl Iodide	4.422	142	120586	16.916	ug/l	98
11) Tert butyl alcohol	5.363	59	113036	105.998	ug/l	98
12) 1,1-Dichloroethene	4.187	96	85930	17.135	ug/l	96
13) Acrolein	4.040	56	94604	99.280	ug/l	97
14) Allyl chloride	4.846	41	173873	18.180	ug/l #	87
15) Acrylonitrile	5.551	53	328184	104.480	ug/l	99
16) Acetone	4.287	43	352365	109.344	ug/l	94
17) Carbon Disulfide	4.534	76	214951	14.947	ug/l	97
18) Methyl Acetate	4.852	43	157671	22.008	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	335590	19.077	ug/l	94
20) Methylene Chloride	5.099	84	108501	18.526	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	94072	17.477	ug/l	90
22) Diisopropyl ether	6.493	45	371442	20.249	ug/l	93
23) Vinyl Acetate	6.428	43	1547661	99.669	ug/l	99
24) 1,1-Dichloroethane	6.387	63	193603	18.828	ug/l	97
25) 2-Butanone	7.328	43	468243	109.227	ug/l	96
26) 2,2-Dichloropropane	7.328	77	155967	18.250	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	113942	18.418	ug/l	92
28) Bromochloromethane	7.651	49	60646	14.572	ug/l #	80
29) Tetrahydrofuran	7.681	42	307137	110.595	ug/l	92
30) Chloroform	7.816	83	186684	18.459	ug/l	93
31) Cyclohexane	8.092	56	185247	18.305	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	160279	18.351	ug/l	97
36) 1,1-Dichloropropene	8.216	75	138076	17.422	ug/l	98
37) Ethyl Acetate	7.404	43	186971	21.997	ug/l	97
38) Carbon Tetrachloride	8.204	117	137896	17.659	ug/l	98
39) Methylcyclohexane	9.457	83	169026	16.574	ug/l	93
40) Benzene	8.457	78	439832	18.761	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	89973	20.098	ug/l	91
42) 1,2-Dichloroethane	8.528	62	153958	19.282	ug/l	98
43) Isopropyl Acetate	8.557	43	291168	21.733	ug/l	96
44) Trichloroethene	9.210	130	104643	16.951	ug/l	97
45) 1,2-Dichloropropane	9.487	63	114126	19.005	ug/l	93
46) Dibromomethane	9.575	93	71367	18.059	ug/l	98
47) Bromodichloromethane	9.757	83	144475	18.089	ug/l	96
48) Methyl methacrylate	9.557	41	125503	19.791	ug/l #	86
49) 1,4-Dioxane	9.569	88	48054	426.643	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	867032	106.366	ug/l	99
52) Toluene	10.504	92	271350	18.420	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	155974	17.959	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	169669	17.789	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	109396	18.972	ug/l	97
56) Ethyl methacrylate	10.757	69	165667	19.069	ug/l	92
57) 1,3-Dichloropropane	11.039	76	192487	19.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	160453	104.267	ug/l	96
59) 2-Hexanone	11.081	43	617330	110.117	ug/l	99
60) Dibromochloromethane	11.233	129	107983	17.720	ug/l	99
61) 1,2-Dibromoethane	11.339	107	106478	18.155	ug/l	99
64) Tetrachloroethene	10.975	164	90820	16.005	ug/l	94
65) Chlorobenzene	11.769	112	278826	17.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	102296	17.874	ug/l	99
67) Ethyl Benzene	11.839	91	490776	17.860	ug/l	98
68) m/p-Xylenes	11.951	106	374087	35.243	ug/l	99
69) o-Xylene	12.280	106	187236	18.058	ug/l	99
70) Styrene	12.292	104	287482	17.437	ug/l	98
71) Bromoform	12.457	173	79394	17.419	ug/l #	99
73) Isopropylbenzene	12.575	105	469737	20.482	ug/l	100
74) N-amyl acetate	12.386	43	159170	21.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	163939	22.495	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	126675m	18.883	ug/l	
77) Bromobenzene	12.857	156	111389	19.840	ug/l	84
78) n-propylbenzene	12.916	91	504917	19.595	ug/l	98
79) 2-Chlorotoluene	13.004	91	317573	20.295	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	373427	20.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	42009	20.292	ug/l	93
82) 4-Chlorotoluene	13.104	91	296083	19.492	ug/l	96
83) tert-Butylbenzene	13.322	119	338029	19.184	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	364938	19.953	ug/l	99
85) sec-Butylbenzene	13.498	105	444038	19.124	ug/l	99
86) p-Isopropyltoluene	13.616	119	356520	18.705	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	179138	18.025	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	174978	17.970	ug/l	96
89) n-Butylbenzene	13.939	91	242313	15.582	ug/l	97
90) Hexachloroethane	14.210	117	66469	19.527	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	176833	18.948	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25897	21.932	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	73681	15.484	ug/l	98
94) Hexachlorobutadiene	15.368	225	50492	14.837	ug/l	98
95) Naphthalene	15.504	128	156563	16.054	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	69349	16.135	ug/l	98

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

