

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067833.D
 Acq On : 21 Jul 2021 12:58
 Operator : JC/MD
 Sample : VN0721MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:03:13 PM

Quant Time: Jul 21 15:10:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	350675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	642081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	606544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	268592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	273931	51.687	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.380%			
35) Dibromofluoromethane	8.021	113	199679	51.473	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.940%			
50) Toluene-d8	10.443	98	795239	48.975	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.733	95	277161	48.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57024	19.131	ug/l	99
3) Chloromethane	2.301	50	75207	15.931	ug/l	99
4) Vinyl Chloride	2.443	62	117355	16.471	ug/l	95
5) Bromomethane	2.850	94	103311	18.203	ug/l	99
6) Chloroethane	3.017	64	95818	17.656	ug/l	98
7) Trichlorofluoromethane	3.371	101	230600	19.230	ug/l	99
8) Diethyl Ether	3.824	74	45186	15.931	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.197	101	66304	20.401	ug/l	96
10) Methyl Iodide	4.417	142	76069	19.648	ug/l	91
11) Tert butyl alcohol	5.387	59	73287	96.231	ug/l	99
12) 1,1-Dichloroethene	4.175	96	62647	20.091	ug/l	88
13) Acrolein	4.044	56	35648	93.417	ug/l	98
14) Allyl chloride	4.838	41	106931	18.656	ug/l	95
15) Acrylonitrile	5.556	53	189413	100.275	ug/l	98
16) Acetone	4.291	43	162518	97.455	ug/l	93
17) Carbon Disulfide	4.527	76	148754	17.222	ug/l	98
18) Methyl Acetate	4.859	43	96629	20.630	ug/l #	83
19) Methyl tert-butyl Ether	5.618	73	257839	19.955	ug/l	100
20) Methylene Chloride	5.098	84	82653	20.825	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	71534	19.404	ug/l	87
22) Diisopropyl ether	6.500	45	255450	19.640	ug/l	98
23) Vinyl Acetate	6.436	43	1069643	96.192	ug/l	96
24) 1,1-Dichloroethane	6.388	63	140999	19.446	ug/l	100
25) 2-Butanone	7.337	43	267277	96.520	ug/l	96
26) 2,2-Dichloropropane	7.324	77	119260	18.821	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	89001	19.292	ug/l	86
28) Bromochloromethane	7.656	49	64250	18.159	ug/l #	81
29) Tetrahydrofuran	7.689	42	175805	96.541	ug/l	93
30) Chloroform	7.817	83	157734	19.367	ug/l	100
31) Cyclohexane	8.094	56	122394	16.470	ug/l #	86
32) 1,1,1-Trichloroethane	8.016	97	133639	18.923	ug/l	98
36) 1,1-Dichloropropene	8.222	75	110132	18.465	ug/l	97
37) Ethyl Acetate	7.418	43	111495	19.293	ug/l	99
38) Carbon Tetrachloride	8.209	117	109260	18.572	ug/l	98
39) Methylcyclohexane	9.461	83	118119	18.090	ug/l	92
40) Benzene	8.461	78	337215	18.888	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	55705	18.755	ug/l	94
42) 1,2-Dichloroethane	8.533	62	133086	20.073	ug/l	98
43) Isopropyl Acetate	8.563	43	191134	18.802	ug/l	96
44) Trichloroethene	9.217	130	85770	18.930	ug/l	91
45) 1,2-Dichloropropane	9.491	63	87062	19.261	ug/l	100
46) Dibromomethane	9.579	93	63266	19.726	ug/l	96
47) Bromodichloromethane	9.764	83	124036	19.782	ug/l	99
48) Methyl methacrylate	9.563	41	83799	18.638	ug/l	91
49) 1,4-Dioxane	9.571	88	31513	373.107	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	599141	95.938	ug/l	95
52) Toluene	10.507	92	220585	18.862	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	127975	18.275	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	136997	19.647	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	89743	20.024	ug/l	97
56) Ethyl methacrylate	10.765	69	133759	19.372	ug/l	93
57) 1,3-Dichloropropane	11.046	76	147134	19.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	139438	87.589	ug/l	93
59) 2-Hexanone	11.087	43	426920	97.936	ug/l	95
60) Dibromochloromethane	11.242	129	88798	17.739	ug/l	100
61) 1,2-Dibromoethane	11.349	107	90338	19.743	ug/l	100
64) Tetrachloroethene	10.979	164	82484	19.265	ug/l	92
65) Chlorobenzene	11.773	112	241645	19.398	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	87094	19.876	ug/l	99
67) Ethyl Benzene	11.846	91	421293	18.577	ug/l	96
68) m/p-Xylenes	11.956	106	323240	37.685	ug/l	89
69) o-Xylene	12.283	106	159995	18.972	ug/l	87
70) Styrene	12.296	104	264253	19.589	ug/l	94
71) Bromoform	12.460	173	55265	16.491	ug/l #	99
73) Isopropylbenzene	12.580	105	402623	18.579	ug/l	98
74) N-amyl acetate	12.390	43	157596	20.045	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	126586	20.127	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	101715m	18.544	ug/l	
77) Bromobenzene	12.862	156	92246	19.232	ug/l	80
78) n-propylbenzene	12.924	91	470741	19.206	ug/l	97
79) 2-Chlorotoluene	13.010	91	283340	19.134	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	341634	19.456	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	31559	18.550	ug/l	98
82) 4-Chlorotoluene	13.106	91	285761	19.502	ug/l	93
83) tert-Butylbenzene	13.326	119	284535	19.001	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	335453	19.497	ug/l	94
85) sec-Butylbenzene	13.506	105	396973	19.155	ug/l	97
86) p-Isopropyltoluene	13.618	119	317531	18.986	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	173716	19.523	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	171951	18.875	ug/l	96
89) n-Butylbenzene	13.946	91	278259	19.398	ug/l	98
90) Hexachloroethane	14.214	117	53515	19.266	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	168015	19.561	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	22717	20.796	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	74225	18.376	ug/l	98
94) Hexachlorobutadiene	15.372	225	36363	20.148	ug/l	98
95) Naphthalene	15.509	128	208456	17.909	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	69208	17.920	ug/l	99

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

