

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066982.D
 Acq On : 5 May 2021 12:37
 Operator : JC/MD
 Sample : VN0505MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
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MMDadoda
 5/6/2021 5:40:12 PM

Quant Time: May 06 04:47:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	420111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.517	114	711971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	664444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	281953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	349561	52.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.72%			
35) Dibromofluoromethane	7.512	113	247439	51.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.36%			
50) Toluene-d8	10.030	98	930067	50.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.02%			
62) 4-Bromofluorobenzene	12.347	95	318006	51.01	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.02%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.834	85	100863	17.78	ug/l	98
3) Chloromethane	2.035	50	152335	18.71	ug/l	99
4) Vinyl Chloride	2.161	62	144999	18.55	ug/l	99
5) Bromomethane	2.504	94	77567	18.65	ug/l	95
6) Chloroethane	2.652	64	84018	18.23	ug/l	99
7) Trichlorofluoromethane	2.968	101	178932	19.29	ug/l	95
8) Diethyl Ether	3.352	74	63950	19.19	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.692	101	88977	18.85	ug/l	93
10) Methyl Iodide	3.883	142	111203	17.88	ug/l #	87
11) Tert butyl alcohol	4.714	59	99779	106.87	ug/l #	93
12) 1,1-Dichloroethene	3.671	96	82243	17.90	ug/l	90
13) Acrolein	3.548	56	68895	88.69	ug/l	97
14) Allyl chloride	4.245	41	169466	18.40	ug/l	94
15) Acrylonitrile	4.897	53	276898	99.93	ug/l	99
16) Acetone	3.757	43	223870	96.24	ug/l	99
17) Carbon Disulfide	3.979	76	258800	18.18	ug/l	98
18) Methyl Acetate	4.253	43	141510	21.26	ug/l	97
19) Methyl tert-butyl Ether	4.958	73	317162	19.26	ug/l	96
20) Methylene Chloride	4.470	84	112881	19.13	ug/l	92
21) trans-1,2-Dichloroethene	4.950	96	94055	18.83	ug/l	85
22) Diisopropyl ether	5.868	45	361024	19.37	ug/l	91
23) Vinyl Acetate	5.809	43	1442159	96.64	ug/l	97
24) 1,1-Dichloroethane	5.755	63	202370	18.78	ug/l	96
25) 2-Butanone	6.750	43	334270	97.46	ug/l	93
26) 2,2-Dichloropropane	6.734	77	171591	18.97	ug/l	95
27) cis-1,2-Dichloroethene	6.742	96	107727	18.82	ug/l	86
28) Bromochloromethane	7.109	49	96134	19.30	ug/l #	79
29) Tetrahydrofuran	7.131	42	226119	99.36	ug/l	95
30) Chloroform	7.292	83	198723	19.32	ug/l	100
31) Cyclohexane	7.576	56	163708	17.60	ug/l	93
32) 1,1,1-Trichloroethane	7.490	97	170083	19.17	ug/l	98
36) 1,1-Dichloropropene	7.715	75	132192	17.83	ug/l	97
37) Ethyl Acetate	6.846	43	151692	20.07	ug/l	99
38) Carbon Tetrachloride	7.697	117	147434	19.07	ug/l	96
39) Methylcyclohexane	9.016	83	144510	17.48	ug/l	89
40) Benzene	7.968	78	431277	18.52	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	53476	16.47	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	164349	19.79	ug/l	97
43) Isopropyl Acetate	8.096	43	237276	19.34	ug/l #	88
44) Trichloroethene	8.769	130	94825	18.49	ug/l	94
45) 1,2-Dichloropropane	9.051	63	124012	19.07	ug/l	99
46) Dibromomethane	9.145	93	74580	19.44	ug/l	90
47) Bromodichloromethane	9.338	83	160451	19.35	ug/l	100
48) Methyl methacrylate	9.137	41	101093	18.59	ug/l	95
49) 1,4-Dioxane	9.140	88	32826	380.91	ug/l #	85
51) 4-Methyl-2-Pentanone	9.923	43	709587	100.04	ug/l	97
52) Toluene	10.094	92	253323	18.52	ug/l	100
53) t-1,3-Dichloropropene	10.325	75	163566	18.50	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	181215	18.56	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	104851	19.32	ug/l	97
56) Ethyl methacrylate	10.373	69	134398	19.29	ug/l	95
57) 1,3-Dichloropropane	10.649	76	184055	19.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.636	63	114124	87.79	ug/l	90
59) 2-Hexanone	10.695	43	417086	99.72	ug/l	96
60) Dibromochloromethane	10.843	129	117488	19.33	ug/l	100
61) 1,2-Dibromoethane	10.947	107	104250	19.71	ug/l	97
64) Tetrachloroethene	10.572	164	80294	17.68	ug/l	96
65) Chlorobenzene	11.376	112	259270	18.23	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	103990	18.85	ug/l	100
67) Ethyl Benzene	11.457	91	452141	18.05	ug/l	99
68) m/p-Xylenes	11.567	106	331769	35.60	ug/l	92
69) o-Xylene	11.894	106	162660	18.03	ug/l	93
70) Styrene	11.913	104	253701	18.99	ug/l	95
71) Bromoform	12.074	173	72542	18.20	ug/l #	98
73) Isopropylbenzene	12.194	105	424752	19.42	ug/l	99
74) N-amyl acetate	12.063	43	8470m	2.15	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.449	83	166348	21.70	ug/l	99
76) 1,2,3-Trichloropropane	12.500	75	139411m	20.76	ug/l	
77) Bromobenzene	12.471	156	104600	20.27	ug/l	82
78) n-propylbenzene	12.538	91	489491	19.71	ug/l	97
79) 2-Chlorotoluene	12.621	91	326824	20.10	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	380227	19.92	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.253	75	31149	18.46	ug/l	92
82) 4-Chlorotoluene	12.720	91	303623	19.40	ug/l	93
83) tert-Butylbenzene	12.937	119	312315	19.50	ug/l	95
84) 1,2,4-Trimethylbenzene	12.985	105	355367	19.51	ug/l	99
85) sec-Butylbenzene	13.117	105	394337	18.96	ug/l	97
86) p-Isopropyltoluene	13.235	119	333093	18.64	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	174505	19.50	ug/l	96
88) 1,4-Dichlorobenzene	13.310	146	161223	17.91	ug/l	95
89) n-Butylbenzene	13.565	91	266077	20.11	ug/l	95
90) Hexachloroethane	13.817	117	78686	19.56	ug/l	99
91) 1,2-Dichlorobenzene	13.602	146	175658	19.62	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	27829	20.49	ug/l	78
93) 1,2,4-Trichlorobenzene	14.858	180	88199	18.62	ug/l	94
94) Hexachlorobutadiene	14.949	225	59292	20.45	ug/l	99
95) Naphthalene	15.077	128	265934	21.47	ug/l	98
96) 1,2,3-Trichlorobenzene	15.254	180	96752	21.07	ug/l	97

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

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