

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
 Data File : VN067146.D
 Acq On : 19 May 2021 13:08
 Operator : JC/MD
 Sample : VN0519MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519MBS01

Manual Integrations
 APPROVED

SAM
 5/20/2021 6:04:06 PM

Quant Time: May 20 01:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.594	168	537337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	757669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	652087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	303350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	278414	47.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.92%
35) Dibromofluoromethane	7.519	113	256418	51.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.08%
50) Toluene-d8	10.035	98	939115	49.80	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.60%
62) 4-Bromofluorobenzene	12.358	95	310205	49.11	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.22%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.855	85	79237	16.21	ug/l	100
3) Chloromethane	2.056	50	91408	15.41	ug/l	98
4) Vinyl Chloride	2.179	62	98177	16.54	ug/l	100
5) Bromomethane	2.517	94	67874	16.50	ug/l	97
6) Chloroethane	2.670	64	60146	17.02	ug/l	92
7) Trichlorofluoromethane	2.984	101	136613	17.79	ug/l	97
8) Diethyl Ether	3.370	74	56791	17.39	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.708	101	84599	17.23	ug/l	96
10) Methyl Iodide	3.901	142	138599	17.13	ug/l	100
11) Tert butyl alcohol	4.725	59	90463	93.49	ug/l #	83
12) 1,1-Dichloroethene	3.687	96	82022	16.23	ug/l	95
13) Acrolein	3.563	56	32513	104.72	ug/l	98
14) Allyl chloride	4.261	41	129227	16.59	ug/l	100
15) Acrylonitrile	4.910	53	193849	89.63	ug/l	97
16) Acetone	3.770	43	160644	89.04	ug/l	100
17) Carbon Disulfide	3.998	76	208898	15.43	ug/l	99
18) Methyl Acetate	4.263	43	100302	18.70	ug/l	100
19) Methyl tert-butyl Ether	4.969	73	268201	17.54	ug/l	99
20) Methylene Chloride	4.483	84	98422	16.72	ug/l	97
21) trans-1,2-Dichloroethene	4.963	96	89337	16.55	ug/l	98
22) Diisopropyl ether	5.875	45	248647	17.29	ug/l	98
23) Vinyl Acetate	5.816	43	1109453	88.36	ug/l	100
24) 1,1-Dichloroethane	5.765	63	162109	16.66	ug/l	100
25) 2-Butanone	6.758	43	258783	91.98	ug/l	99
26) 2,2-Dichloropropane	6.741	77	146268	16.34	ug/l	99
27) cis-1,2-Dichloroethene	6.750	96	109308	16.96	ug/l	98
28) Bromochloromethane	7.117	49	72364	17.92	ug/l	94
29) Tetrahydrofuran	7.138	42	161628	92.52	ug/l	100
30) Chloroform	7.297	83	170892	17.15	ug/l	98
31) Cyclohexane	7.584	56	127497	15.94	ug/l	96
32) 1,1,1-Trichloroethane	7.498	97	150303	16.75	ug/l	99
36) 1,1-Dichloropropene	7.723	75	123281	17.84	ug/l	99
37) Ethyl Acetate	6.851	43	111573	18.28	ug/l	98
38) Carbon Tetrachloride	7.704	117	136208	18.51	ug/l	99
39) Methylcyclohexane	9.021	83	143017	17.67	ug/l	98
40) Benzene	7.975	78	383818	18.28	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	51400	20.86	ug/l	91
42) 1,2-Dichloroethane	8.058	62	126008	18.66	ug/l	100
43) Isopropyl Acetate	8.099	43	191373	18.89	ug/l #	91
44) Trichloroethene	8.777	130	114114	19.12	ug/l	97
45) 1,2-Dichloropropane	9.059	63	98994	18.04	ug/l	96
46) Dibromomethane	9.150	93	69074	18.86	ug/l	95
47) Bromodichloromethane	9.346	83	139791	18.41	ug/l	100
48) Methyl methacrylate	9.145	41	80272	17.79	ug/l	98
49) 1,4-Dioxane	9.145	88	26683	370.10	ug/l	97
51) 4-Methyl-2-Pentanone	9.928	43	542310	92.52	ug/l	100
52) Toluene	10.099	92	246004	18.14	ug/l	100
53) t-1,3-Dichloropropene	10.330	75	150117	18.55	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	165050	18.15	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	102228	18.98	ug/l	98
56) Ethyl methacrylate	10.381	69	135162	17.62	ug/l	99
57) 1,3-Dichloropropane	10.654	76	162786	18.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	101342	99.63	ug/l	99
59) 2-Hexanone	10.703	43	308527	93.53	ug/l	97
60) Dibromochloromethane	10.850	129	121289	19.12	ug/l	100
61) 1,2-Dibromoethane	10.955	107	103059	18.65	ug/l	98
64) Tetrachloroethene	10.579	164	111910	19.56	ug/l	97
65) Chlorobenzene	11.384	112	273747	18.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	110709	19.20	ug/l	99
67) Ethyl Benzene	11.462	91	442843	18.08	ug/l	100
68) m/p-Xylenes	11.574	106	354214	37.43	ug/l	98
69) o-Xylene	11.902	106	175235	18.39	ug/l	99
70) Styrene	11.920	104	263483	17.77	ug/l	100
71) Bromoform	12.081	173	91401	19.42	ug/l #	99
73) Isopropylbenzene	12.202	105	459600	18.14	ug/l	100
74) N-amyl acetate	12.060	43	7588	1.80	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.457	83	142120	18.51	ug/l	100
76) 1,2,3-Trichloropropane	12.508	75	111276m	17.38	ug/l	
77) Bromobenzene	12.481	156	121676	19.31	ug/l	94
78) n-propylbenzene	12.545	91	465602	18.16	ug/l	97
79) 2-Chlorotoluene	12.628	91	295148	17.40	ug/l	98
80) 1,3,5-Trimethylbenzene	12.687	105	376291	17.80	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.258	75	27508	16.31	ug/l	99
82) 4-Chlorotoluene	12.728	91	271868	17.54	ug/l	94
83) tert-Butylbenzene	12.945	119	339863	17.03	ug/l	99
84) 1,2,4-Trimethylbenzene	12.996	105	347598	17.83	ug/l	99
85) sec-Butylbenzene	13.125	105	432616	18.15	ug/l	98
86) p-Isopropyltoluene	13.245	119	374594	18.11	ug/l	98
87) 1,3-Dichlorobenzene	13.240	146	193084	18.87	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	198850	18.66	ug/l	97
89) n-Butylbenzene	13.575	91	265274	16.91	ug/l	100
90) Hexachloroethane	13.827	117	68301	18.04	ug/l	90
91) 1,2-Dichlorobenzene	13.610	146	190964	18.00	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.235	75	20815	18.38	ug/l	100
93) 1,2,4-Trichlorobenzene	14.871	180	105701	19.65	ug/l	95
94) Hexachlorobutadiene	14.964	225	70776	19.10	ug/l	99
95) Naphthalene	15.093	128	220931	19.28	ug/l	97
96) 1,2,3-Trichlorobenzene	15.270	180	103393	20.84	ug/l	98

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

