

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065953.D
 Acq On : 22 Feb 2021 12:34
 Operator : JC/MD
 Sample : VN0222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 11:49:11 AM

Quant Time: Feb 22 15:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	131575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	225033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	206109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	95978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	90934	49.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.84%		
35) Dibromofluoromethane	7.553	113	68876	49.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.90%		
50) Toluene-d8	10.058	98	275515	48.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.38%		
62) 4-Bromofluorobenzene	12.373	95	103879	48.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.80%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.853	85	30625	17.78	ug/l	97
3) Chloromethane	2.058	50	37111	17.19	ug/l	98
4) Vinyl Chloride	2.184	62	37294	17.54	ug/l	98
5) Bromomethane	2.557	94	23996	18.42	ug/l	97
6) Chloroethane	2.695	64	20510	17.10	ug/l	91
7) Trichlorofluoromethane	3.010	101	47330	17.88	ug/l	95
8) Diethyl Ether	3.390	74	19007	19.56	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.734	101	24901	17.78	ug/l	98
10) Methyl Iodide	3.926	142	33589	15.36	ug/l	98
11) Tert butyl alcohol	4.750	59	28991	113.32	ug/l #	73
12) 1,1-Dichloroethene	3.714	96	25651	17.36	ug/l	90
13) Acrolein	3.582	56	23150	98.88	ug/l	98
14) Allyl chloride	4.293	41	46460	18.42	ug/l	97
15) Acrylonitrile	4.946	53	68299	96.27	ug/l	99
16) Acetone	3.791	43	56063	96.01	ug/l	98
17) Carbon Disulfide	4.026	76	75617	17.97	ug/l	98
18) Methyl Acetate	4.296	43	28299	18.61	ug/l	92
19) Methyl tert-butyl Ether	5.007	73	94013	19.77	ug/l	98
20) Methylene Chloride	4.521	84	29771	17.45	ug/l	98
21) trans-1,2-Dichloroethene	5.000	96	28702	18.48	ug/l	92
22) Diisopropyl ether	5.914	45	90462	17.93	ug/l	97
23) Vinyl Acetate	5.852	43	380850	96.22	ug/l	99
24) 1,1-Dichloroethane	5.807	63	51982	17.83	ug/l	99
25) 2-Butanone	6.788	43	88343	97.00	ug/l	98
26) 2,2-Dichloropropane	6.782	77	48846	21.36	ug/l	99
27) cis-1,2-Dichloroethene	6.788	96	33521	18.95	ug/l	95
28) Bromochloromethane	7.155	49	22077	16.43	ug/l	98
29) Tetrahydrofuran	7.171	42	58772	93.73	ug/l	99
30) Chloroform	7.331	83	54002	18.75	ug/l	95
31) Cyclohexane	7.618	56	50072	18.25	ug/l #	96
32) 1,1,1-Trichloroethane	7.531	97	47598	19.70	ug/l	100
36) 1,1-Dichloropropene	7.756	75	39793	17.93	ug/l	97
37) Ethyl Acetate	6.888	43	36708	18.32	ug/l #	93
38) Carbon Tetrachloride	7.737	117	39295	19.05	ug/l	96
39) Methylcyclohexane	9.045	83	46356	18.59	ug/l	94
40) Benzene	8.003	78	123520	18.14	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	18722	19.30	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	44603	19.94	ug/l	98
43) Isopropyl Acetate	8.126	43	65694	20.57	ug/l	99
44) Trichloroethene	8.804	130	33211	19.72	ug/l	99
45) 1,2-Dichloropropane	9.084	63	32208	18.47	ug/l	98
46) Dibromomethane	9.174	93	20233	19.05	ug/l	96
47) Bromodichloromethane	9.367	83	43087	19.93	ug/l	100
48) Methyl methacrylate	9.164	41	32344	19.99	ug/l	93
49) 1,4-Dioxane	9.167	88	12089	438.51	ug/l	95
51) 4-Methyl-2-Pentanone	9.949	43	183752	94.57	ug/l	98
52) Toluene	10.122	92	77637	18.57	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	51063	20.32	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	56409	21.04	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	30632	19.58	ug/l	99
56) Ethyl methacrylate	10.399	69	46321	19.69	ug/l	97
57) 1,3-Dichloropropane	10.675	76	52724	19.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	105412	93.85	ug/l	99
59) 2-Hexanone	10.720	43	128523	92.86	ug/l	98
60) Dibromochloromethane	10.872	129	31642	19.78	ug/l	100
61) 1,2-Dibromoethane	10.978	107	30536	19.21	ug/l	98
64) Tetrachloroethene	10.601	164	32260	20.27	ug/l	98
65) Chlorobenzene	11.405	112	81311	18.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	29808	20.13	ug/l	98
67) Ethyl Benzene	11.482	91	147105	18.86	ug/l	99
68) m/p-Xylenes	11.592	106	112463	38.63	ug/l	97
69) o-Xylene	11.920	106	54723	19.50	ug/l	96
70) Styrene	11.936	104	90338	19.55	ug/l	97
71) Bromoform	12.100	173	19629	19.02	ug/l #	97
73) Isopropylbenzene	12.222	105	141465	18.06	ug/l	100
74) N-amyl acetate	12.042	43	47020	17.30	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	41006	17.74	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	43869m	19.03	ug/l	
77) Bromobenzene	12.498	156	34338	19.16	ug/l	89
78) n-propylbenzene	12.563	91	158273	17.77	ug/l	99
79) 2-Chlorotoluene	12.646	91	97659	17.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	124364	18.69	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	14068	19.45	ug/l	98
82) 4-Chlorotoluene	12.746	91	102364	18.16	ug/l	98
83) tert-Butylbenzene	12.965	119	98489	17.91	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	124417	18.62	ug/l	99
85) sec-Butylbenzene	13.145	105	128564	18.01	ug/l	100
86) p-Isopropyltoluene	13.261	119	119289	18.41	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	60099	18.94	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	59853	18.47	ug/l	97
89) n-Butylbenzene	13.585	91	103088	18.87	ug/l	99
90) Hexachloroethane	13.846	117	15722	14.33	ug/l	96
91) 1,2-Dichlorobenzene	13.624	146	60870	19.13	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	9326	20.97	ug/l	87
93) 1,2,4-Trichlorobenzene	14.878	180	35189	21.95	ug/l	97
94) Hexachlorobutadiene	14.977	225	14642	19.83	ug/l	99
95) Naphthalene	15.100	128	118838	23.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	35559	22.01	ug/l	98

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

