

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067438.D
 Acq On : 22 Jun 2021 15:37
 Operator : JC/MD
 Sample : VN0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:31:56 PM

Quant Time: Jun 23 04:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	280587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	523732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	202001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	288479	52.117	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.240%
35) Dibromofluoromethane	8.024	113	189203	49.080	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.160%
50) Toluene-d8	10.443	98	753539	50.999	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.733	95	282237	46.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	88440	20.089	ug/l	98
3) Chloromethane	2.301	50	97033	22.780	ug/l	98
4) Vinyl Chloride	2.443	62	83894	20.089	ug/l	96
5) Bromomethane	2.848	94	48684	27.478	ug/l	97
6) Chloroethane	3.017	64	53420	20.823	ug/l	98
7) Trichlorofluoromethane	3.368	101	127674	22.026	ug/l	94
8) Diethyl Ether	3.821	74	57901	24.557	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.205	101	77093	22.112	ug/l	97
10) Methyl Iodide	4.414	142	72694	24.318	ug/l #	90
11) Tert butyl alcohol	5.385	59	103250	113.311	ug/l	99
12) 1,1-Dichloroethene	4.178	96	76761	22.811	ug/l	94
13) Acrolein	4.038	56	62680	110.201	ug/l	99
14) Allyl chloride	4.835	41	153816	20.601	ug/l	96
15) Acrylonitrile	5.554	53	259230	129.615	ug/l	99
16) Acetone	4.288	43	213177	100.359	ug/l	93
17) Carbon Disulfide	4.524	76	224646	20.668	ug/l	98
18) Methyl Acetate	4.856	43	125866	24.437	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	319915	23.683	ug/l	99
20) Methylene Chloride	5.098	84	98736	22.340	ug/l	97
21) trans-1,2-Dichloroethene	5.591	96	82127	22.022	ug/l	96
22) Diisopropyl ether	6.501	45	318242	23.090	ug/l	97
23) Vinyl Acetate	6.436	43	1440592	114.070	ug/l	97
24) 1,1-Dichloroethane	6.385	63	180165	23.302	ug/l	99
25) 2-Butanone	7.340	43	347588	114.516	ug/l	98
26) 2,2-Dichloropropane	7.324	77	147586	18.833	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	97658	22.255	ug/l	97
28) Bromochloromethane	7.659	49	77395	21.509	ug/l	96
29) Tetrahydrofuran	7.689	42	227446	118.853	ug/l	97
30) Chloroform	7.820	83	170552	21.011	ug/l	96
31) Cyclohexane	8.096	56	163169	21.684	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	142179	19.069	ug/l	99
36) 1,1-Dichloropropene	8.222	75	127026	19.548	ug/l	100
37) Ethyl Acetate	7.418	43	144461	20.983	ug/l	97
38) Carbon Tetrachloride	8.204	117	110543	15.827	ug/l	99
39) Methylcyclohexane	9.461	83	151334	22.004	ug/l	97
40) Benzene	8.461	78	389340	21.467	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	71463	19.968	ug/l	95
42) 1,2-Dichloroethane	8.531	62	143746	18.756	ug/l	99
43) Isopropyl Acetate	8.566	43	253182	20.489	ug/l	97
44) Trichloroethene	9.217	130	78784	18.575	ug/l	98
45) 1,2-Dichloropropane	9.494	63	108033	22.333	ug/l	99
46) Dibromomethane	9.577	93	65882	20.018	ug/l	96
47) Bromodichloromethane	9.765	83	135854	18.403	ug/l	97
48) Methyl methacrylate	9.563	41	108776	19.306	ug/l	94
49) 1,4-Dioxane	9.571	88	35434	459.495	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	754197	106.011	ug/l	97
52) Toluene	10.507	92	225496	19.772	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	153540	18.782	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	169209	20.480	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	91592	20.771	ug/l	99
56) Ethyl methacrylate	10.762	69	165543	20.882	ug/l	95
57) 1,3-Dichloropropane	11.046	76	171084	21.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	226804	98.307	ug/l	96
59) 2-Hexanone	11.089	43	535974	102.831	ug/l	95
60) Dibromochloromethane	11.242	129	84727	17.573	ug/l	98
61) 1,2-Dibromoethane	11.350	107	89861	19.465	ug/l	99
64) Tetrachloroethene	10.979	164	69141	18.593	ug/l	99
65) Chlorobenzene	11.773	112	224073	19.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	75498	17.789	ug/l	97
67) Ethyl Benzene	11.848	91	450220	19.977	ug/l	99
68) m/p-Xylenes	11.956	106	310483	38.754	ug/l	100
69) o-Xylene	12.283	106	155764	19.877	ug/l	100
70) Styrene	12.296	104	258109	19.816	ug/l	99
71) Bromoform	12.463	173	51981	16.029	ug/l #	99
73) Isopropylbenzene	12.581	105	408022	21.051	ug/l	99
74) N-amyl acetate	12.390	43	215194	22.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	138725	24.007	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	119905m	22.858	ug/l	
77) Bromobenzene	12.862	156	80051	20.280	ug/l	95
78) n-propylbenzene	12.921	91	505231	21.915	ug/l	96
79) 2-Chlorotoluene	13.012	91	300288	20.919	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	342041	20.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	42545	20.100	ug/l	93
82) 4-Chlorotoluene	13.106	91	293199	20.513	ug/l	98
83) tert-Butylbenzene	13.326	119	276884	21.297	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	336841	20.881	ug/l	100
85) sec-Butylbenzene	13.506	105	404981	22.001	ug/l	97
86) p-Isopropyltoluene	13.618	119	316072	21.275	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	144225	20.256	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	142938	19.958	ug/l	98
89) n-Butylbenzene	13.946	91	309592	22.178	ug/l	98
90) Hexachloroethane	14.214	117	57988	19.959	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	139867	20.703	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.608	75	28725	19.884	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	71346	20.227	ug/l	96
94) Hexachlorobutadiene	15.373	225	33281	16.430	ug/l	98
95) Naphthalene	15.509	128	250062	21.926	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	68992	20.374	ug/l	97

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

