

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067283.D
 Acq On : 11 Jun 2021 12:53
 Operator : JC/MD
 Sample : VN0611MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:10:20 PM

Quant Time: Jun 12 04:24:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	384717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	689072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	631239	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	267923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338648	46.571	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.140%
35) Dibromofluoromethane	8.021	113	221310	50.401	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.800%
50) Toluene-d8	10.443	98	832169	48.225	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.734	95	346487	48.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	86738	18.116	ug/l	99
3) Chloromethane	2.301	50	96146	15.666	ug/l	97
4) Vinyl Chloride	2.443	62	95476	16.084	ug/l	99
5) Bromomethane	2.845	94	46949	17.458	ug/l	95
6) Chloroethane	3.017	64	57995	16.637	ug/l	99
7) Trichlorofluoromethane	3.368	101	132450	17.636	ug/l	97
8) Diethyl Ether	3.821	74	54085	16.748	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	77604	17.820	ug/l	87
10) Methyl Iodide	4.417	142	85250	18.060	ug/l	# 78
11) Tert butyl alcohol	5.388	59	105114	84.940	ug/l	# 86
12) 1,1-Dichloroethene	4.173	96	74533	17.705	ug/l	# 77
13) Acrolein	4.041	56	41678	83.942	ug/l	95
14) Allyl chloride	4.835	41	169267	16.564	ug/l	# 83
15) Acrylonitrile	5.557	53	215684	80.550	ug/l	97
16) Acetone	4.288	43	267578	91.132	ug/l	91
17) Carbon Disulfide	4.524	76	203757	16.555	ug/l	100
18) Methyl Acetate	4.859	43	132917	16.263	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	291258	17.320	ug/l	96
20) Methylene Chloride	5.093	84	93648	17.781	ug/l	# 84
21) trans-1,2-Dichloroethene	5.591	96	81837	17.926	ug/l	85
22) Diisopropyl ether	6.498	45	304032	16.596	ug/l	# 92
23) Vinyl Acetate	6.434	43	1419951	81.090	ug/l	# 93
24) 1,1-Dichloroethane	6.385	63	178568	17.171	ug/l	97
25) 2-Butanone	7.340	43	360504	80.480	ug/l	# 88
26) 2,2-Dichloropropane	7.321	77	184128	18.415	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	100125	17.959	ug/l	81
28) Bromochloromethane	7.657	49	90797	17.867	ug/l	# 67
29) Tetrahydrofuran	7.689	42	190829	75.557	ug/l	87
30) Chloroform	7.820	83	186558	18.069	ug/l	100
31) Cyclohexane	8.094	56	147848	16.524	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	175553	18.471	ug/l	94
36) 1,1-Dichloropropene	8.220	75	133673	18.315	ug/l	94
37) Ethyl Acetate	7.418	43	146928m	17.929	ug/l	
38) Carbon Tetrachloride	8.204	117	146934	19.307	ug/l	95
39) Methylcyclohexane	9.459	83	141146	18.362	ug/l	91
40) Benzene	8.461	78	377589	18.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	77386	17.452	ug/l #	78
42) 1,2-Dichloroethane	8.531	62	163411	19.004	ug/l	93
43) Isopropyl Acetate	8.566	43	262352	17.312	ug/l #	91
44) Trichloroethene	9.215	130	90956	18.895	ug/l	74
45) 1,2-Dichloropropane	9.491	63	105443	17.934	ug/l	99
46) Dibromomethane	9.577	93	70649	18.917	ug/l #	80
47) Bromodichloromethane	9.762	83	157821	18.938	ug/l	98
48) Methyl methacrylate	9.563	41	119958	16.981	ug/l #	77
49) 1,4-Dioxane	9.574	88	30987	363.563	ug/l #	83
51) 4-Methyl-2-Pentanone	10.333	43	750222	83.194	ug/l	89
52) Toluene	10.508	92	241959	18.423	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	175493	18.075	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	178660	18.063	ug/l #	76
55) 1,1,2-Trichloroethane	10.899	97	95174	18.915	ug/l	96
56) Ethyl methacrylate	10.762	69	164515	17.658	ug/l #	72
57) 1,3-Dichloropropane	11.047	76	167883	18.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	161287	87.878	ug/l	90
59) 2-Hexanone	11.087	43	545508	83.780	ug/l	86
60) Dibromochloromethane	11.240	129	110595	19.073	ug/l	98
61) 1,2-Dibromoethane	11.347	107	97277	18.778	ug/l	99
64) Tetrachloroethene	10.980	164	86678	19.893	ug/l #	87
65) Chlorobenzene	11.773	112	250291	18.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	98541	19.202	ug/l	98
67) Ethyl Benzene	11.846	91	493319	18.739	ug/l	94
68) m/p-Xylenes	11.956	106	345531	36.460	ug/l	79
69) o-Xylene	12.283	106	172311	18.538	ug/l	82
70) Styrene	12.296	104	280697	18.039	ug/l #	89
71) Bromoform	12.460	173	71978	18.975	ug/l #	99
73) Isopropylbenzene	12.581	105	468270	18.555	ug/l	96
74) N-amyl acetate	12.388	43	211251	17.024	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	135250	17.995	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	137370m	19.301	ug/l	
77) Bromobenzene	12.862	156	95024	18.937	ug/l #	56
78) n-propylbenzene	12.921	91	551828	18.735	ug/l	92
79) 2-Chlorotoluene	13.106	91	340770	18.841	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	397511	18.440	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	45909	16.500	ug/l #	76
82) 4-Chlorotoluene	13.010	91	336108	18.842	ug/l	90
83) tert-Butylbenzene	13.324	119	329707	18.595	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	387620	18.358	ug/l	92
85) sec-Butylbenzene	13.503	105	449314	18.159	ug/l	94
86) p-Isopropyltoluene	13.616	119	378946	18.095	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	176106	19.247	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	171511	19.071	ug/l	91
89) n-Butylbenzene	13.943	91	353409	18.336	ug/l	95
90) Hexachloroethane	14.214	117	68718	18.086	ug/l	73
91) 1,2-Dichlorobenzene	13.989	146	168029	19.343	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	32219	17.783	ug/l	58
93) 1,2,4-Trichlorobenzene	15.263	180	90760	20.311	ug/l	97
94) Hexachlorobutadiene	15.370	225	54649	20.945	ug/l	99
95) Naphthalene	15.507	128	242485	19.640	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	85709	20.694	ug/l	97

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

