

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067269.D
 Acq On : 10 Jun 2021 14:06
 Operator : JC/MD
 Sample : VN0610MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:40 PM

Quant Time: Jun 11 05:38:57 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	8.088	168	350827	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	657740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	591494	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	259993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	327241	49.350	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.700%
35) Dibromofluoromethane	8.024	113	210692	50.268	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.540%
50) Toluene-d8	10.443	98	795588	48.301	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.733	95	327732	47.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	82413	18.876	ug/l	100
3) Chloromethane	2.303	50	99997	17.868	ug/l	98
4) Vinyl Chloride	2.445	62	98109	18.124	ug/l	98
5) Bromomethane	2.858	94	51892	21.160	ug/l	98
6) Chloroethane	3.019	64	59163	18.612	ug/l	96
7) Trichlorofluoromethane	3.373	101	128887	18.819	ug/l	94
8) Diethyl Ether	3.824	74	53399	18.133	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.202	101	75887	19.109	ug/l #	83
10) Methyl Iodide	4.419	142	71564	16.625	ug/l #	79
11) Tert butyl alcohol	5.396	59	96781	85.761	ug/l #	96
12) 1,1-Dichloroethene	4.175	96	69310	18.055	ug/l #	79
13) Acrolein	4.044	56	35492	78.388	ug/l	92
14) Allyl chloride	4.840	41	168966	18.132	ug/l #	84
15) Acrylonitrile	5.562	53	215028	88.063	ug/l	98
16) Acetone	4.293	43	220923	82.511	ug/l	89
17) Carbon Disulfide	4.521	76	200624	17.876	ug/l	100
18) Methyl Acetate	4.859	43	132991	17.844	ug/l	90
19) Methyl tert-butyl Ether	5.624	73	280221	18.273	ug/l	97
20) Methylene Chloride	5.095	84	89030	18.538	ug/l #	81
21) trans-1,2-Dichloroethene	5.597	96	76752	18.436	ug/l #	76
22) Diisopropyl ether	6.501	45	301597	18.054	ug/l #	91
23) Vinyl Acetate	6.436	43	1424233	89.192	ug/l #	91
24) 1,1-Dichloroethane	6.388	63	173280	18.272	ug/l	96
25) 2-Butanone	7.343	43	342634	83.880	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	170773	18.729	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	93996	18.489	ug/l	80
28) Bromochloromethane	7.659	49	81216	17.526	ug/l #	64
29) Tetrahydrofuran	7.694	42	193393	83.969	ug/l #	85
30) Chloroform	7.820	83	176338	18.729	ug/l	99
31) Cyclohexane	8.094	56	151190	18.530	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	161084	18.585	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	125996	18.086	ug/l	94
37) Ethyl Acetate	7.418	43	142913	18.270	ug/l #	93
38) Carbon Tetrachloride	8.206	117	136757	18.826	ug/l	96
39) Methylcyclohexane	9.461	83	135952	18.529	ug/l #	89
40) Benzene	8.461	78	365147	18.338	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	77760	18.372	ug/l #	77
42) 1,2-Dichloroethane	8.533	62	156497	19.067	ug/l	92
43) Isopropyl Acetate	8.566	43	260404	18.002	ug/l #	89
44) Trichloroethene	9.217	130	84176	18.319	ug/l	69
45) 1,2-Dichloropropane	9.491	63	101626	18.108	ug/l	99
46) Dibromomethane	9.579	93	65990	18.512	ug/l #	77
47) Bromodichloromethane	9.764	83	147383	18.528	ug/l	97
48) Methyl methacrylate	9.563	41	117357	17.404	ug/l #	76
49) 1,4-Dioxane	9.571	88	28139	345.875	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	752793	87.456	ug/l	88
52) Toluene	10.507	92	228859	18.255	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	168977	18.233	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	169790	17.984	ug/l #	77
55) 1,1,2-Trichloroethane	10.902	97	88028	18.328	ug/l	94
56) Ethyl methacrylate	10.765	69	157193	17.676	ug/l #	70
57) 1,3-Dichloropropane	11.046	76	159236	17.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	166122	92.604	ug/l	91
59) 2-Hexanone	11.089	43	528638	85.056	ug/l	86
60) Dibromochloromethane	11.242	129	100766	18.206	ug/l	99
61) 1,2-Dibromoethane	11.350	107	89387	18.077	ug/l	99
64) Tetrachloroethene	10.979	164	77345	18.943	ug/l #	86
65) Chlorobenzene	11.773	112	236346	18.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	89602	18.634	ug/l	100
67) Ethyl Benzene	11.846	91	462263	18.740	ug/l	96
68) m/p-Xylenes	11.956	106	329836	37.142	ug/l	82
69) o-Xylene	12.283	106	163845	18.811	ug/l	83
70) Styrene	12.296	104	269950	18.514	ug/l #	90
71) Bromoform	12.460	173	65901	18.540	ug/l #	98
73) Isopropylbenzene	12.581	105	448481	18.312	ug/l	95
74) N-amyl acetate	12.390	43	209227	17.375	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	132767	18.204	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	121144m	17.540	ug/l	
77) Bromobenzene	12.862	156	89098	18.297	ug/l #	54
78) n-propylbenzene	12.921	91	521690	18.252	ug/l	92
79) 2-Chlorotoluene	13.106	91	319875	18.225	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	381113	18.218	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	46301	17.149	ug/l #	80
82) 4-Chlorotoluene	13.010	91	317676	18.352	ug/l	89
83) tert-Butylbenzene	13.326	119	313503	18.220	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	378178	18.457	ug/l	91
85) sec-Butylbenzene	13.503	105	438483	18.261	ug/l	94
86) p-Isopropyltoluene	13.618	119	370386	18.226	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	163274	18.388	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	161636	18.522	ug/l	90
89) n-Butylbenzene	13.943	91	344564	18.423	ug/l	96
90) Hexachloroethane	14.211	117	66437	18.019	ug/l	72
91) 1,2-Dichlorobenzene	13.991	146	157085	18.635	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	31045	17.658	ug/l	57
93) 1,2,4-Trichlorobenzene	15.265	180	80458	18.555	ug/l	94
94) Hexachlorobutadiene	15.372	225	48819	19.281	ug/l	97
95) Naphthalene	15.507	128	221752	18.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	75592	18.808	ug/l	95

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

