

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067661.D
 Acq On : 8 Jul 2021 14:14
 Operator : JC/MD
 Sample : VN0708MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:14 PM

Quant Time: Jul 08 15:50:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	364520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	675573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	656203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	307289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	286011	51.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.840%	
35) Dibromofluoromethane	8.024	113	202183	49.535	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.060%	
50) Toluene-d8	10.443	98	861041	50.398	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.733	95	311384	51.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.072	85	60776	19.616	ug/l	100
3) Chloromethane	2.300	50	86738	17.675	ug/l	97
4) Vinyl Chloride	2.443	62	134926	18.218	ug/l	97
5) Bromomethane	2.858	94	115543	19.998	ug/l	100
6) Chloroethane	3.019	64	103342	18.370	ug/l	99
7) Trichlorofluoromethane	3.373	101	259247	21.089	ug/l	98
8) Diethyl Ether	3.821	74	45821	15.542	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.197	101	67388	19.947	ug/l	96
10) Methyl Iodide	4.417	142	80179	19.923	ug/l	92
11) Tert butyl alcohol	5.387	59	67487	85.249	ug/l	100
12) 1,1-Dichloroethene	4.175	96	62099	19.159	ug/l	88
13) Acrolein	4.041	56	35358	88.944	ug/l	100
14) Allyl chloride	4.835	41	109880	18.442	ug/l	93
15) Acrylonitrile	5.556	53	192439	98.007	ug/l	99
16) Acetone	4.290	43	159252	91.869	ug/l	92
17) Carbon Disulfide	4.524	76	166056	18.495	ug/l	98
18) Methyl Acetate	4.856	43	92031	18.902	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	260069	19.363	ug/l	99
20) Methylene Chloride	5.095	84	82067	19.861	ug/l	93
21) trans-1,2-Dichloroethene	5.597	96	72675	18.965	ug/l	92
22) Diisopropyl ether	6.498	45	262402	19.408	ug/l	97
23) Vinyl Acetate	6.436	43	1114264	96.399	ug/l	97
24) 1,1-Dichloroethane	6.385	63	144185	19.130	ug/l	99
25) 2-Butanone	7.340	43	271869	94.449	ug/l	96
26) 2,2-Dichloropropane	7.326	77	122466	18.593	ug/l	97
27) cis-1,2-Dichloroethene	7.326	96	91380	19.055	ug/l	88
28) Bromochloromethane	7.659	49	66614	18.112	ug/l	86
29) Tetrahydrofuran	7.691	42	181940	96.115	ug/l	95
30) Chloroform	7.817	83	161437	19.069	ug/l	97
31) Cyclohexane	8.096	56	136262	17.640	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	137336	18.708	ug/l	99
36) 1,1-Dichloropropene	8.220	75	116929	18.633	ug/l	97
37) Ethyl Acetate	7.418	43	115497	18.995	ug/l	98
38) Carbon Tetrachloride	8.206	117	114317	18.468	ug/l	99
39) Methylcyclohexane	9.459	83	129843	18.900	ug/l	94
40) Benzene	8.461	78	353598	18.824	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	53825	17.224	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	137335	19.687	ug/l	97
43) Isopropyl Acetate	8.563	43	204657	19.134	ug/l	97
44) Trichloroethene	9.217	130	89852	18.848	ug/l	90
45) 1,2-Dichloropropane	9.491	63	90785	19.089	ug/l	96
46) Dibromomethane	9.579	93	65002	19.262	ug/l	96
47) Bromodichloromethane	9.762	83	127257	19.290	ug/l	99
48) Methyl methacrylate	9.563	41	88296	18.665	ug/l	90
49) 1,4-Dioxane	9.571	88	30403	344.788	ug/l #	90
51) 4-Methyl-2-Pentanone	10.333	43	629194	95.755	ug/l	96
52) Toluene	10.507	92	240327	19.531	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	133304	18.110	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	142963	19.486	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	93079	19.739	ug/l	95
56) Ethyl methacrylate	10.765	69	143587	19.765	ug/l	93
57) 1,3-Dichloropropane	11.046	76	155590	19.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	136132	82.500	ug/l	95
59) 2-Hexanone	11.089	43	440743	96.094	ug/l	94
60) Dibromochloromethane	11.242	129	90198	17.207	ug/l	98
61) 1,2-Dibromoethane	11.349	107	94397	19.608	ug/l	99
64) Tetrachloroethene	10.979	164	86600	18.696	ug/l	96
65) Chlorobenzene	11.773	112	261084	19.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	91903	19.386	ug/l	99
67) Ethyl Benzene	11.848	91	469121	19.120	ug/l	98
68) m/p-Xylenes	11.956	106	357165	38.489	ug/l	89
69) o-Xylene	12.285	106	175178	19.201	ug/l	90
70) Styrene	12.296	104	287320	19.687	ug/l	93
71) Bromoform	12.462	173	57770	16.041	ug/l #	99
73) Isopropylbenzene	12.580	105	457035	18.434	ug/l	98
74) N-amyl acetate	12.390	43	165171	18.363	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	135256	18.797	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	108974m	17.365	ug/l	
77) Bromobenzene	12.862	156	103176	18.802	ug/l	78
78) n-propylbenzene	12.921	91	528333	18.841	ug/l	96
79) 2-Chlorotoluene	13.010	91	321572	18.981	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	385041	19.166	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	34097	17.518	ug/l	97
82) 4-Chlorotoluene	13.106	91	322231	19.221	ug/l	93
83) tert-Butylbenzene	13.326	119	321400	18.760	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	380980	19.354	ug/l	94
85) sec-Butylbenzene	13.503	105	450121	18.984	ug/l	97
86) p-Isopropyltoluene	13.618	119	371386	19.410	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	196076	19.261	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	197975	18.995	ug/l	96
89) n-Butylbenzene	13.946	91	318270	19.393	ug/l	99
90) Hexachloroethane	14.214	117	56567	17.801	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	190179	19.354	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	24405	19.528	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	80573	17.573	ug/l	99
94) Hexachlorobutadiene	15.372	225	39699	19.226	ug/l	99
95) Naphthalene	15.509	128	237063	17.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	78161	17.723	ug/l	97

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

