

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067899.D
 Acq On : 26 Jul 2021 11:57
 Operator : JC/MD
 Sample : VN0726MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:56:04 PM

Quant Time: Jul 26 12:17:11 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	8.086	168	349601	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	631030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	616074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	264621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	267190	50.570	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.140%	
35) Dibromofluoromethane	8.024	113	197452	51.790	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.580%	
50) Toluene-d8	10.443	98	782334	49.024	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.040%	
62) 4-Bromofluorobenzene	12.733	95	279445	49.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	54402	18.308	ug/l	98
3) Chloromethane	2.301	50	74372	15.802	ug/l	99
4) Vinyl Chloride	2.443	62	117935	16.603	ug/l	97
5) Bromomethane	2.840	94	95451	16.471	ug/l	97
6) Chloroethane	3.014	64	96574	17.865	ug/l	99
7) Trichlorofluoromethane	3.368	101	225547	18.798	ug/l	98
8) Diethyl Ether	3.819	74	45954	16.252	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	65683	20.272	ug/l	98
10) Methyl Iodide	4.414	142	73640	19.079	ug/l	92
11) Tert butyl alcohol	5.388	59	74036	97.513	ug/l	98
12) 1,1-Dichloroethene	4.173	96	58397	18.786	ug/l	91
13) Acrolein	4.036	56	34126	89.535	ug/l	99
14) Allyl chloride	4.835	41	105548	18.471	ug/l	96
15) Acrylonitrile	5.556	53	193960	102.997	ug/l	99
16) Acetone	4.291	43	163210	98.171	ug/l	98
17) Carbon Disulfide	4.521	76	144765	16.812	ug/l	98
18) Methyl Acetate	4.856	43	98758	21.149	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	250456	19.443	ug/l	100
20) Methylene Chloride	5.090	84	80696	20.380	ug/l	95
21) trans-1,2-Dichloroethene	5.591	96	69887	19.016	ug/l	91
22) Diisopropyl ether	6.501	45	244562	18.861	ug/l	97
23) Vinyl Acetate	6.433	43	1024906m	92.452	ug/l	
24) 1,1-Dichloroethane	6.388	63	138895	19.215	ug/l	99
25) 2-Butanone	7.340	43	265659	96.230	ug/l	95
26) 2,2-Dichloropropane	7.324	77	117092	18.535	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	87565	19.039	ug/l	85
28) Bromochloromethane	7.656	49	66598	18.880	ug/l	# 79
29) Tetrahydrofuran	7.689	42	166283	91.593	ug/l	90
30) Chloroform	7.817	83	157282	19.371	ug/l	99
31) Cyclohexane	8.094	56	122731	16.567	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	132096	18.762	ug/l	98
36) 1,1-Dichloropropene	8.222	75	104505	17.829	ug/l	95
37) Ethyl Acetate	7.415	43	108433	19.092	ug/l	99
38) Carbon Tetrachloride	8.206	117	105758	18.291	ug/l	98
39) Methylcyclohexane	9.461	83	114626	17.863	ug/l	94
40) Benzene	8.461	78	333129	18.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	54702	18.740	ug/l	90
42) 1,2-Dichloroethane	8.533	62	127653	19.591	ug/l	97
43) Isopropyl Acetate	8.563	43	190416	19.060	ug/l	97
44) Trichloroethene	9.217	130	83740	18.806	ug/l	88
45) 1,2-Dichloropropane	9.491	63	85693	19.290	ug/l	96
46) Dibromomethane	9.579	93	61958	19.656	ug/l	95
47) Bromodichloromethane	9.762	83	121596	19.733	ug/l	99
48) Methyl methacrylate	9.563	41	82356	18.638	ug/l	89
49) 1,4-Dioxane	9.574	88	32036	384.836	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	606525	98.821	ug/l	96
52) Toluene	10.505	92	218152	18.981	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	128762	18.668	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	133851	19.532	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	90133	20.463	ug/l	96
56) Ethyl methacrylate	10.762	69	134688	19.848	ug/l	91
57) 1,3-Dichloropropane	11.046	76	147604	19.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	140669	89.459	ug/l	95
59) 2-Hexanone	11.087	43	434942	101.523	ug/l	94
60) Dibromochloromethane	11.242	129	89840	18.192	ug/l	98
61) 1,2-Dibromoethane	11.350	107	89084	19.810	ug/l	98
64) Tetrachloroethene	10.979	164	79777	18.345	ug/l	98
65) Chlorobenzene	11.773	112	238564	18.854	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	86546	19.445	ug/l	98
67) Ethyl Benzene	11.846	91	428176	18.588	ug/l	97
68) m/p-Xylenes	11.956	106	319229	36.642	ug/l	88
69) o-Xylene	12.283	106	159659	18.639	ug/l	87
70) Styrene	12.296	104	262982	19.193	ug/l	92
71) Bromoform	12.463	173	57960	16.924	ug/l #	100
73) Isopropylbenzene	12.581	105	405946	19.013	ug/l	98
74) N-amyl acetate	12.390	43	155646	20.094	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	133196	21.495	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	111889m	20.705	ug/l	
77) Bromobenzene	12.865	156	94027	19.898	ug/l	80
78) n-propylbenzene	12.924	91	468990	19.421	ug/l	97
79) 2-Chlorotoluene	13.010	91	286358	19.628	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	339920	19.649	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	33781	20.154	ug/l	99
82) 4-Chlorotoluene	13.106	91	282798	19.589	ug/l	93
83) tert-Butylbenzene	13.326	119	281829	19.102	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	338665	19.979	ug/l	95
85) sec-Butylbenzene	13.506	105	391047	19.152	ug/l	96
86) p-Isopropyltoluene	13.618	119	312604	18.972	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	166427	18.984	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	170173	18.960	ug/l	95
89) n-Butylbenzene	13.946	91	264091	18.686	ug/l	98
90) Hexachloroethane	14.214	117	55183	20.165	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	160207	18.932	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	22157	20.588	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	66919	17.043	ug/l	97
94) Hexachlorobutadiene	15.375	225	33527	18.855	ug/l	98
95) Naphthalene	15.509	128	191330	16.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	66099	17.452	ug/l	99

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

