

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067792.D
 Acq On : 19 Jul 2021 14:41
 Operator : JC/MD
 Sample : VN0719MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:32 PM

Quant Time: Jul 19 18:56:54 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	355082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	653023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	616852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	277103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285049	53.118	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.240%			
35) Dibromofluoromethane	8.024	113	203670	51.622	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.240%			
50) Toluene-d8	10.443	98	820956	49.711	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.733	95	287770	49.328	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	58495	19.381	ug/l	98
3) Chloromethane	2.301	50	81162	16.979	ug/l	100
4) Vinyl Chloride	2.443	62	128170	17.766	ug/l	96
5) Bromomethane	2.848	94	112357	19.955	ug/l	96
6) Chloroethane	3.014	64	101254	18.486	ug/l	95
7) Trichlorofluoromethane	3.371	101	243219	20.179	ug/l	98
8) Diethyl Ether	3.821	74	52201	18.176	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.202	101	70201	21.332	ug/l	98
10) Methyl Iodide	4.414	142	76610	19.542	ug/l #	65
11) Tert butyl alcohol	5.388	59	76806	99.600	ug/l #	84
12) 1,1-Dichloroethene	4.173	96	64069	20.292	ug/l	89
13) Acrolein	4.039	56	45838	119.769	ug/l	95
14) Allyl chloride	4.832	41	109151	18.807	ug/l	93
15) Acrylonitrile	5.562	53	201211	105.199	ug/l	99
16) Acetone	4.291	43	171572	101.607	ug/l	96
17) Carbon Disulfide	4.521	76	156982	17.950	ug/l	98
18) Methyl Acetate	4.857	43	99440	20.966	ug/l #	79
19) Methyl tert-butyl Ether	5.618	73	264627	20.226	ug/l	100
20) Methylene Chloride	5.090	84	86347	21.508	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	72458	19.411	ug/l	87
22) Diisopropyl ether	6.498	45	255999	19.438	ug/l	95
23) Vinyl Acetate	6.436	43	1086211m	96.470	ug/l	
24) 1,1-Dichloroethane	6.385	63	142775	19.446	ug/l	97
25) 2-Butanone	7.340	43	282455	100.735	ug/l	94
26) 2,2-Dichloropropane	7.327	77	120582	18.793	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	91462	19.579	ug/l	87
28) Bromochloromethane	7.657	49	67025	18.708	ug/l #	84
29) Tetrahydrofuran	7.689	42	184572	100.097	ug/l	93
30) Chloroform	7.817	83	161844	19.625	ug/l	98
31) Cyclohexane	8.091	56	129864	17.259	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	138873	19.420	ug/l	98
36) 1,1-Dichloropropene	8.222	75	110209	18.168	ug/l	95
37) Ethyl Acetate	7.415	43	116062	19.747	ug/l	98
38) Carbon Tetrachloride	8.204	117	111747	18.676	ug/l	99
39) Methylcyclohexane	9.461	83	122938	18.513	ug/l	93
40) Benzene	8.461	78	342550	18.866	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	58636	19.411	ug/l	94
42) 1,2-Dichloroethane	8.531	62	135116	20.038	ug/l	97
43) Isopropyl Acetate	8.563	43	201832	19.522	ug/l	97
44) Trichloroethene	9.217	130	88010	19.099	ug/l	86
45) 1,2-Dichloropropane	9.491	63	87654	19.067	ug/l	98
46) Dibromomethane	9.579	93	64821	19.872	ug/l	96
47) Bromodichloromethane	9.765	83	126868	19.895	ug/l	99
48) Methyl methacrylate	9.563	41	86005	18.808	ug/l	91
49) 1,4-Dioxane	9.571	88	31799	370.436	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	632743	99.620	ug/l	96
52) Toluene	10.507	92	228672	19.226	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	128360	18.047	ug/l	98
54) cis-1,3-Dichloropropene	10.194	75	137040	19.324	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	92626	20.321	ug/l	96
56) Ethyl methacrylate	10.765	69	138007	19.653	ug/l	94
57) 1,3-Dichloropropane	11.047	76	151831	19.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	144436	88.894	ug/l	94
59) 2-Hexanone	11.089	43	445213	100.421	ug/l	95
60) Dibromochloromethane	11.242	129	89958	17.679	ug/l	98
61) 1,2-Dibromoethane	11.350	107	93147	20.016	ug/l	100
64) Tetrachloroethene	10.977	164	86222	19.802	ug/l	91
65) Chlorobenzene	11.773	112	245604	19.386	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	86866	19.493	ug/l	98
67) Ethyl Benzene	11.846	91	444645	19.279	ug/l	98
68) m/p-Xylenes	11.956	106	339173	38.882	ug/l	86
69) o-Xylene	12.283	106	163256	19.035	ug/l	90
70) Styrene	12.299	104	269597	19.651	ug/l	94
71) Bromoform	12.460	173	56054	16.455	ug/l #	99
73) Isopropylbenzene	12.581	105	424316	18.978	ug/l	98
74) N-amyl acetate	12.390	43	157911	19.468	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	132415	20.407	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	104354m	18.441	ug/l	
77) Bromobenzene	12.862	156	94612	19.120	ug/l	79
78) n-propylbenzene	12.924	91	489212	19.346	ug/l	96
79) 2-Chlorotoluene	13.010	91	293343	19.201	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	351691	19.413	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	33072	18.842	ug/l	98
82) 4-Chlorotoluene	13.106	91	295845	19.570	ug/l	93
83) tert-Butylbenzene	13.326	119	294541	19.065	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	347252	19.563	ug/l	95
85) sec-Butylbenzene	13.503	105	414037	19.364	ug/l	98
86) p-Isopropyltoluene	13.619	119	330085	19.131	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	177295	19.313	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	175099	18.630	ug/l	97
89) n-Butylbenzene	13.946	91	284057	19.194	ug/l	96
90) Hexachloroethane	14.214	117	54894	19.156	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	172198	19.433	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	23594	20.936	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	74530	17.956	ug/l	98
94) Hexachlorobutadiene	15.373	225	36317	19.504	ug/l	97
95) Naphthalene	15.509	128	212200	17.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	69990	17.618	ug/l	99

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

