

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067925.D
 Acq On : 27 Jul 2021 13:55
 Operator : JC/MD
 Sample : VN0727MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:58:23 PM

Quant Time: Jul 28 05:18:57 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	339471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	620171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	589973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	254323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	261163	50.905	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.800%			
35) Dibromofluoromethane	8.021	113	193959	51.765	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.520%			
50) Toluene-d8	10.443	98	756105	48.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.420%			
62) 4-Bromofluorobenzene	12.733	95	264404	47.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	54594	18.921	ug/l	95
3) Chloromethane	2.301	50	73685	16.123	ug/l	97
4) Vinyl Chloride	2.443	62	116047	16.825	ug/l	97
5) Bromomethane	2.842	94	100051	18.213	ug/l	100
6) Chloroethane	3.011	64	97500	18.630	ug/l	99
7) Trichlorofluoromethane	3.368	101	230962	20.019	ug/l	98
8) Diethyl Ether	3.824	74	45539	16.586	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	68647	21.820	ug/l	95
10) Methyl Iodide	4.417	142	78256	20.880	ug/l	92
11) Tert butyl alcohol	5.380	59	71369m	96.805	ug/l	
12) 1,1-Dichloroethene	4.173	96	59213	19.617	ug/l	90
13) Acrolein	4.041	56	23222	61.481	ug/l	99
14) Allyl chloride	4.835	41	103707	18.691	ug/l	94
15) Acrylonitrile	5.557	53	197840	108.193	ug/l	98
16) Acetone	4.288	43	166423	103.090	ug/l	98
17) Carbon Disulfide	4.521	76	143333	17.143	ug/l	98
18) Methyl Acetate	4.857	43	100168	22.091	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	252118	20.156	ug/l	99
20) Methylene Chloride	5.090	84	82150	21.400	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	70572	19.775	ug/l	90
22) Diisopropyl ether	6.498	45	254550	20.217	ug/l	97
23) Vinyl Acetate	6.434	43	1047310	97.292	ug/l	95
24) 1,1-Dichloroethane	6.385	63	142454	20.295	ug/l	98
25) 2-Butanone	7.337	43	268889	100.306	ug/l	94
26) 2,2-Dichloropropane	7.324	77	118559	19.328	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	88965	19.920	ug/l	86
28) Bromochloromethane	7.657	49	67142	19.603	ug/l #	84
29) Tetrahydrofuran	7.689	42	173600	98.477	ug/l	91
30) Chloroform	7.817	83	159343	20.210	ug/l	100
31) Cyclohexane	8.094	56	123945	17.230	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	134114	19.617	ug/l	98
36) 1,1-Dichloropropene	8.220	75	108032	18.753	ug/l	97
37) Ethyl Acetate	7.415	43	112644	20.181	ug/l	98
38) Carbon Tetrachloride	8.206	117	110724	19.485	ug/l	99
39) Methylcyclohexane	9.461	83	117182	18.581	ug/l	92
40) Benzene	8.461	78	338747	19.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.646	41	58500	20.392	ug/l	95
42) 1,2-Dichloroethane	8.531	62	128909	20.130	ug/l	97
43) Isopropyl Acetate	8.563	43	191457	19.499	ug/l	96
44) Trichloroethene	9.217	130	86482	19.762	ug/l	91
45) 1,2-Dichloropropane	9.491	63	87821	20.115	ug/l	98
46) Dibromomethane	9.577	93	65127	21.023	ug/l	97
47) Bromodichloromethane	9.762	83	122552	20.236	ug/l	98
48) Methyl methacrylate	9.563	41	84903	19.551	ug/l	93
49) 1,4-Dioxane	9.571	88	31577	385.870	ug/l #	89
51) 4-Methyl-2-Pentanone	10.333	43	612773	101.587	ug/l	96
52) Toluene	10.507	92	218931	19.382	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	125529	18.532	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	135643	20.140	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	91225	21.074	ug/l	96
56) Ethyl methacrylate	10.765	69	134327	20.142	ug/l	92
57) 1,3-Dichloropropane	11.047	76	149118	20.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	135727	88.138	ug/l	95
59) 2-Hexanone	11.089	43	428641	101.805	ug/l	94
60) Dibromochloromethane	11.242	129	89983	18.495	ug/l	99
61) 1,2-Dibromoethane	11.347	107	89861	20.333	ug/l	99
64) Tetrachloroethene	10.979	164	82446	19.797	ug/l	99
65) Chlorobenzene	11.771	112	241324	19.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	88488	20.761	ug/l	99
67) Ethyl Benzene	11.846	91	421063	19.088	ug/l	97
68) m/p-Xylenes	11.956	106	323807	38.811	ug/l	87
69) o-Xylene	12.283	106	157083	19.150	ug/l	89
70) Styrene	12.296	104	260513	19.854	ug/l	93
71) Bromoform	12.460	173	54399	16.650	ug/l #	98
73) Isopropylbenzene	12.581	105	398235	19.407	ug/l	98
74) N-amyl acetate	12.390	43	147693	19.840	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	128442	21.567	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	115401m	22.219	ug/l	
77) Bromobenzene	12.862	156	93276	20.538	ug/l	79
78) n-propylbenzene	12.924	91	459049	19.779	ug/l	97
79) 2-Chlorotoluene	13.010	91	284984	20.325	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	333472	20.057	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	32106	19.930	ug/l	98
82) 4-Chlorotoluene	13.106	91	282459	20.358	ug/l	94
83) tert-Butylbenzene	13.326	119	279522	19.713	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	323012	19.827	ug/l	93
85) sec-Butylbenzene	13.503	105	385924	19.666	ug/l	98
86) p-Isopropyltoluene	13.619	119	310852	19.630	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	168550	20.005	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	168209	19.500	ug/l	97
89) n-Butylbenzene	13.943	91	260157	19.153	ug/l	98
90) Hexachloroethane	14.211	117	52713	20.042	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	161329	19.837	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21573	20.857	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	68040	17.875	ug/l	99
94) Hexachlorobutadiene	15.370	225	33724	19.734	ug/l	96
95) Naphthalene	15.507	128	193434	17.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	65346	17.877	ug/l	98

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

