

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067052.D
 Acq On : 7 May 2021 15:40
 Operator : JC/MD
 Sample : VN0508MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508MBS02

Manual Integrations
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 5/10/2021 2:24:10 PM

Quant Time: May 07 16:03:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	406145	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.518	114	673690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	612336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	287556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	318116	49.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.52%
35) Dibromofluoromethane	7.512	113	228243	49.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.78%
50) Toluene-d8	10.030	98	856242	49.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.30%
62) 4-Bromofluorobenzene	12.347	95	300614	50.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.92%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.839	85	93643	17.07	ug/l	98
3) Chloromethane	2.038	50	134187	17.05	ug/l	98
4) Vinyl Chloride	2.164	62	131660	17.42	ug/l	100
5) Bromomethane	2.537	94	74792	18.61	ug/l	98
6) Chloroethane	2.671	64	78869	17.71	ug/l	96
7) Trichlorofluoromethane	2.979	101	165545	18.46	ug/l	99
8) Diethyl Ether	3.360	74	55128	17.11	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.698	101	82164	18.01	ug/l	94
10) Methyl Iodide	3.888	142	77059	12.82	ug/l	91
11) Tert butyl alcohol	4.709	59	74634	82.69	ug/l	# 95
12) 1,1-Dichloroethene	3.679	96	73927	16.65	ug/l	# 80
13) Acrolein	3.553	56	64611	86.04	ug/l	100
14) Allyl chloride	4.253	41	148067	16.63	ug/l	94
15) Acrylonitrile	4.902	53	228588	85.33	ug/l	99
16) Acetone	3.757	43	181295	80.62	ug/l	96
17) Carbon Disulfide	3.988	76	229991	16.71	ug/l	98
18) Methyl Acetate	4.256	43	120043	18.66	ug/l	96
19) Methyl tert-butyl Ether	4.956	73	288816	18.14	ug/l	96
20) Methylene Chloride	4.473	84	99321	17.41	ug/l	92
21) trans-1,2-Dichloroethene	4.956	96	85628	17.73	ug/l	91
22) Diisopropyl ether	5.868	45	313012	17.37	ug/l	93
23) Vinyl Acetate	5.809	43	1242173	86.10	ug/l	96
24) 1,1-Dichloroethane	5.760	63	183068	17.57	ug/l	97
25) 2-Butanone	6.747	43	278357	83.95	ug/l	95
26) 2,2-Dichloropropane	6.734	77	159635	18.25	ug/l	94
27) cis-1,2-Dichloroethene	6.742	96	100149	18.09	ug/l	87
28) Bromochloromethane	7.115	49	88317	18.34	ug/l	82
29) Tetrahydrofuran	7.131	42	189748	86.24	ug/l	96
30) Chloroform	7.295	83	180586	18.16	ug/l	99
31) Cyclohexane	7.579	56	150368	16.72	ug/l	93
32) 1,1,1-Trichloroethane	7.493	97	156650	18.26	ug/l	98
36) 1,1-Dichloropropene	7.716	75	127997	18.24	ug/l	97
37) Ethyl Acetate	6.847	43	122589	17.14	ug/l	99
38) Carbon Tetrachloride	7.697	117	135537	18.53	ug/l	98
39) Methylcyclohexane	9.016	83	139384	17.82	ug/l	94
40) Benzene	7.968	78	393488	17.86	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	53255	17.33	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	149121	18.98	ug/l	97
43) Isopropyl Acetate	8.096	43	204226	17.59	ug/l #	90
44) Trichloroethene	8.770	130	88016	18.14	ug/l	95
45) 1,2-Dichloropropane	9.051	63	111018	18.04	ug/l	97
46) Dibromomethane	9.145	93	67060	18.48	ug/l	91
47) Bromodichloromethane	9.338	83	144060	18.36	ug/l	96
48) Methyl methacrylate	9.140	41	88077	17.12	ug/l	94
49) 1,4-Dioxane	9.134	88	22882	280.61	ug/l #	83
51) 4-Methyl-2-Pentanone	9.923	43	596637	88.90	ug/l	98
52) Toluene	10.094	92	236074	18.24	ug/l	97
53) t-1,3-Dichloropropene	10.325	75	153067	18.29	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	170295	18.44	ug/l	98
55) 1,1,2-Trichloroethane	10.502	97	94930	18.48	ug/l	96
56) Ethyl methacrylate	10.373	69	122083	18.72	ug/l	97
57) 1,3-Dichloropropane	10.647	76	163755	17.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.636	63	146634	119.21	ug/l	93
59) 2-Hexanone	10.695	43	328341	87.73	ug/l	97
60) Dibromochloromethane	10.843	129	104418	18.15	ug/l	98
61) 1,2-Dibromoethane	10.947	107	90152	18.02	ug/l	99
64) Tetrachloroethene	10.572	164	74863	17.89	ug/l	94
65) Chlorobenzene	11.376	112	239302	18.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	95858	18.86	ug/l	99
67) Ethyl Benzene	11.457	91	421970	18.28	ug/l	97
68) m/p-Xylenes	11.567	106	316097	36.80	ug/l	94
69) o-Xylene	11.894	106	152459	18.34	ug/l	94
70) Styrene	11.913	104	241887	19.48	ug/l	96
71) Bromoform	12.076	173	65655	17.87	ug/l #	98
73) Isopropylbenzene	12.194	105	399975	17.93	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.449	83	140958	18.03	ug/l	97
76) 1,2,3-Trichloropropane	12.500	75	125990m	18.39	ug/l	
77) Bromobenzene	12.471	156	96964	18.43	ug/l	85
78) n-propylbenzene	12.538	91	490973	19.39	ug/l	97
79) 2-Chlorotoluene	12.621	91	299862	18.08	ug/l	94
80) 1,3,5-Trimethylbenzene	12.680	105	359369	18.46	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.256	75	27213	16.61	ug/l	95
82) 4-Chlorotoluene	12.720	91	301275	18.87	ug/l	93
83) tert-Butylbenzene	12.937	119	296608	18.16	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	340042	18.30	ug/l	100
85) sec-Butylbenzene	13.117	105	395677	18.66	ug/l	98
86) p-Isopropyltoluene	13.235	119	346329	19.00	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	173795	19.04	ug/l	97
88) 1,4-Dichlorobenzene	13.310	146	181043	19.72	ug/l	98
89) n-Butylbenzene	13.565	91	293885	21.34	ug/l	96
90) Hexachloroethane	13.817	117	71694	17.48	ug/l	100
91) 1,2-Dichlorobenzene	13.602	146	174421	19.10	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.227	75	22897	16.53	ug/l	77
93) 1,2,4-Trichlorobenzene	14.855	180	103617	21.45	ug/l	99
94) Hexachlorobutadiene	14.949	225	60780	20.56	ug/l	99
95) Naphthalene	15.075	128	249830	19.78	ug/l	98
96) 1,2,3-Trichlorobenzene	15.255	180	94694	20.22	ug/l	98

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

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