

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067584.D
 Acq On : 30 Jun 2021 20:08
 Operator : JC/MD
 Sample : VN0630MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630MBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:50 AM

Quant Time: Jul 01 01:30:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	190050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	359381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	360446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	163271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	141787	54.512	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.020%			
35) Dibromofluoromethane	8.024	113	104792	47.031	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.060%			
50) Toluene-d8	10.443	98	460521	50.879	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.734	95	162561	51.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	36080	18.351	ug/l	98
3) Chloromethane	2.301	50	50092	21.170	ug/l	98
4) Vinyl Chloride	2.440	62	79394	24.956	ug/l	96
5) Bromomethane	2.840	94	61865	26.434	ug/l	100
6) Chloroethane	3.009	64	55359	24.950	ug/l	98
7) Trichlorofluoromethane	3.368	101	147517	25.807	ug/l	100
8) Diethyl Ether	3.819	74	49548	37.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.197	101	33411	17.706	ug/l	99
10) Methyl Iodide	4.414	142	39697	16.140	ug/l	92
11) Tert butyl alcohol	5.393	59	35029	90.221	ug/l #	85
12) 1,1-Dichloroethene	4.170	96	32322	17.522	ug/l	87
13) Acrolein	4.039	56	24070	95.489	ug/l	97
14) Allyl chloride	4.830	41	52505	17.412	ug/l #	89
15) Acrylonitrile	5.559	53	96401	96.603	ug/l	99
16) Acetone	4.291	43	78476	91.472	ug/l	91
17) Carbon Disulfide	4.521	76	83509	16.057	ug/l	99
18) Methyl Acetate	4.854	43	43919	19.191	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	133093	18.816	ug/l	97
20) Methylene Chloride	5.087	84	41459	18.287	ug/l	93
21) trans-1,2-Dichloroethene	5.594	96	37401	17.878	ug/l	84
22) Diisopropyl ether	6.501	45	130977	20.002	ug/l #	94
23) Vinyl Acetate	6.434	43	507506	92.451	ug/l	96
24) 1,1-Dichloroethane	6.385	63	73858	19.328	ug/l	98
25) 2-Butanone	7.343	43	133778	101.112	ug/l	93
26) 2,2-Dichloropropane	7.324	77	60174	16.991	ug/l	81
27) cis-1,2-Dichloroethene	7.327	96	47905	18.929	ug/l	86
28) Bromochloromethane	7.657	49	36655	20.498	ug/l #	82
29) Tetrahydrofuran	7.689	42	88388	100.326	ug/l	89
30) Chloroform	7.818	83	82963	19.736	ug/l	98
31) Cyclohexane	8.094	56	69967	18.764	ug/l #	84
32) 1,1,1-Trichloroethane	8.013	97	74443	19.503	ug/l	99
36) 1,1-Dichloropropene	8.223	75	60193	18.553	ug/l	96
37) Ethyl Acetate	7.418	43	58234	19.547	ug/l	97
38) Carbon Tetrachloride	8.204	117	61213	17.613	ug/l	98
39) Methylcyclohexane	9.464	83	65471	16.671	ug/l	91
40) Benzene	8.461	78	184096	18.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	27795	18.715	ug/l	92
42) 1,2-Dichloroethane	8.531	62	71134	20.979	ug/l	98
43) Isopropyl Acetate	8.566	43	103897	20.415	ug/l	96
44) Trichloroethene	9.220	130	46025	17.989	ug/l	88
45) 1,2-Dichloropropane	9.494	63	46712	18.994	ug/l	98
46) Dibromomethane	9.577	93	34045	19.443	ug/l	96
47) Bromodichloromethane	9.765	83	66287	19.137	ug/l	98
48) Methyl methacrylate	9.564	41	44837	20.120	ug/l	86
49) 1,4-Dioxane	9.577	88	16787	376.911	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	327195	106.564	ug/l	95
52) Toluene	10.508	92	130586	20.346	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	72222	19.163	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	73280	18.659	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	49822	19.893	ug/l	96
56) Ethyl methacrylate	10.765	69	78166	20.642	ug/l	90
57) 1,3-Dichloropropane	11.047	76	82484	20.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	85982	107.639	ug/l	95
59) 2-Hexanone	11.090	43	236670	109.180	ug/l	93
60) Dibromochloromethane	11.240	129	49028	17.836	ug/l	98
61) 1,2-Dibromoethane	11.350	107	49935	19.474	ug/l	100
64) Tetrachloroethene	10.980	164	45720	18.103	ug/l	97
65) Chlorobenzene	11.773	112	136359	18.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	48321	18.250	ug/l	99
67) Ethyl Benzene	11.849	91	256662	19.225	ug/l	96
68) m/p-Xylenes	11.956	106	193739	37.693	ug/l	88
69) o-Xylene	12.283	106	96718	18.998	ug/l	88
70) Styrene	12.296	104	156769	18.584	ug/l	94
71) Bromoform	12.463	173	31334	16.612	ug/l #	100
73) Isopropylbenzene	12.581	105	247840	18.051	ug/l	98
74) N-amyl acetate	12.390	43	91327	20.287	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	73137	18.780	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	57274m	17.501	ug/l	
77) Bromobenzene	12.865	156	54081	17.753	ug/l	78
78) n-propylbenzene	12.924	91	279426	18.260	ug/l	97
79) 2-Chlorotoluene	13.010	91	172452	18.446	ug/l	94
80) 1,3,5-Trimethylbenzene	13.063	105	204766	18.198	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	18607	16.347	ug/l	96
82) 4-Chlorotoluene	13.109	91	172497	18.880	ug/l	96
83) tert-Butylbenzene	13.326	119	170215	17.441	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	205386	18.539	ug/l	96
85) sec-Butylbenzene	13.503	105	238131	17.743	ug/l	98
86) p-Isopropyltoluene	13.619	119	188983	17.507	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	98731	17.505	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	99604	17.868	ug/l	97
89) n-Butylbenzene	13.946	91	161853	18.180	ug/l	99
90) Hexachloroethane	14.214	117	31183	16.414	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	99145	18.452	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	13468	19.770	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	42448	17.946	ug/l	98
94) Hexachlorobutadiene	15.375	225	18893	18.123	ug/l	99
95) Naphthalene	15.509	128	149620	20.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	40417	17.458	ug/l	98

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

