

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067530.D
 Acq On : 28 Jun 2021 13:51
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:22 PM

Quant Time: Jun 28 14:10:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:55:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	314647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	542196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	535199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	260706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	629544	104.859	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 209.720%#			
35) Dibromofluoromethane	8.021	113	540296	161.946	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 323.900%#			
50) Toluene-d8	10.443	98	2193405	156.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 313.120%#			
62) 4-Bromofluorobenzene	12.734	95	808619	161.914	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 323.820%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	533076	108.718	ug/l	99
3) Chloromethane	2.298	50	535067	96.863	ug/l	98
4) Vinyl Chloride	2.440	62	745552	142.771	ug/l	97
5) Bromomethane	2.816	94	424546	136.872	ug/l	98
6) Chloroethane	2.985	64	489719	143.449	ug/l	99
7) Trichlorofluoromethane	3.355	101	1332248	163.390	ug/l	99
8) Diethyl Ether	3.816	74	328986	107.361	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.191	101	486287	117.948	ug/l	93
10) Methyl Iodide	4.409	142	692523	150.514	ug/l	90
11) Tert butyl alcohol	5.396	59	471605	482.962	ug/l	98
12) 1,1-Dichloroethene	4.165	96	484126	119.504	ug/l	# 79
13) Acrolein	4.036	56	320369	402.917	ug/l	99
14) Allyl chloride	4.830	41	744232	85.651	ug/l	# 92
15) Acrylonitrile	5.557	53	1270975	489.751	ug/l	99
16) Acetone	4.288	43	949485	416.076	ug/l	# 88
17) Carbon Disulfide	4.516	76	1360680	104.284	ug/l	99
18) Methyl Acetate	4.854	43	531327	83.204	ug/l	# 89
19) Methyl tert-butyl Ether	5.618	73	1778990	110.607	ug/l	98
20) Methylene Chloride	5.090	84	556204	101.658	ug/l	# 84
21) trans-1,2-Dichloroethene	5.589	96	542377	122.696	ug/l	84
22) Diisopropyl ether	6.498	45	1624844	94.764	ug/l	# 92
23) Vinyl Acetate	6.434	43	7016605m	483.176	ug/l	
24) 1,1-Dichloroethane	6.383	63	936357	99.253	ug/l	98
25) 2-Butanone	7.340	43	1644894	464.411	ug/l	# 89
26) 2,2-Dichloropropane	7.324	77	871095	107.298	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	637596	122.010	ug/l	81
28) Bromochloromethane	7.659	49	444125	99.087	ug/l	# 64
29) Tetrahydrofuran	7.686	42	1094981	488.281	ug/l	# 87
30) Chloroform	7.817	83	1035088	113.165	ug/l	100
31) Cyclohexane	8.094	56	857821	90.303	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	978136	126.219	ug/l	94
36) 1,1-Dichloropropene	8.220	75	763754	130.153	ug/l	94
37) Ethyl Acetate	7.418	43	694462	114.060	ug/l	96
38) Carbon Tetrachloride	8.204	117	851273	163.505	ug/l	98
39) Methylcyclohexane	9.462	83	932621	136.183	ug/l	88
40) Benzene	8.461	78	2317783	133.512	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	340067	109.902	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	770207	123.267	ug/l	93
43) Isopropyl Acetate	8.563	43	1219254	115.987	ug/l #	92
44) Trichloroethene	9.217	130	616696	171.457	ug/l	84
45) 1,2-Dichloropropane	9.491	63	576906	123.304	ug/l	99
46) Dibromomethane	9.580	93	419886	144.164	ug/l #	90
47) Bromodichloromethane	9.765	83	846754	142.579	ug/l	97
48) Methyl methacrylate	9.563	41	528043	116.035	ug/l #	86
49) 1,4-Dioxane	9.572	88	215604	3169.904	ug/l #	83
51) 4-Methyl-2-Pentanone	10.336	43	3792605	616.831	ug/l	91
52) Toluene	10.508	92	1564252	152.040	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	955521	145.501	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	995809	137.867	ug/l #	84
55) 1,1,2-Trichloroethane	10.902	97	606205	153.398	ug/l	97
56) Ethyl methacrylate	10.765	69	975274	140.498	ug/l #	83
57) 1,3-Dichloropropane	11.047	76	982257	134.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	1120279	727.650	ug/l	91
59) 2-Hexanone	11.089	43	2711035	627.077	ug/l	89
60) Dibromochloromethane	11.240	129	709196	194.220	ug/l	99
61) 1,2-Dibromoethane	11.347	107	644628	166.041	ug/l	99
64) Tetrachloroethene	10.980	164	572583	161.333	ug/l	94
65) Chlorobenzene	11.773	112	1719066	155.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	644684	173.019	ug/l	100
67) Ethyl Benzene	11.849	91	3141117	142.040	ug/l	95
68) m/p-Xylenes	11.956	106	2453068	319.599	ug/l	85
69) o-Xylene	12.283	106	1225887	161.668	ug/l	84
70) Styrene	12.296	104	2070006	167.203	ug/l	92
71) Bromoform	12.460	173	524241	209.164	ug/l #	99
73) Isopropylbenzene	12.581	105	3144079	123.207	ug/l	96
74) N-amyl acetate	12.390	43	1088502	92.748	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	879035	108.237	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	682975m	94.065	ug/l	
77) Bromobenzene	12.862	156	745790	154.031	ug/l	70
78) n-propylbenzene	12.924	91	3596150	115.849	ug/l	94
79) 2-Chlorotoluene	13.010	91	2122536	113.651	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	2643839	126.640	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	296399	114.713	ug/l	86
82) 4-Chlorotoluene	13.106	91	2133224	116.224	ug/l	91
83) tert-Butylbenzene	13.326	119	2278514	136.255	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	2629516	128.061	ug/l	93
85) sec-Butylbenzene	13.503	105	3201497	129.614	ug/l	96
86) p-Isopropyltoluene	13.619	119	2702343	144.705	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	1389955	156.843	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	1361753	154.328	ug/l	95
89) n-Butylbenzene	13.946	91	2253650	124.529	ug/l	97
90) Hexachloroethane	14.211	117	502229	143.510	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	1305520	151.981	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	163320	113.496	ug/l	60
93) 1,2,4-Trichlorobenzene	15.265	180	654309	171.122	ug/l	99
94) Hexachlorobutadiene	15.373	225	261185	135.764	ug/l	98
95) Naphthalene	15.507	128	2037648	173.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	624211	176.496	ug/l	99

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

