

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067255.D
 Acq On : 7 Jun 2021 15:19
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:56:48 PM

Quant Time: Jun 07 15:44:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 15:15:18 2021
 Response via : Initial Calibration

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

Internal Standards								
1) Pentafluorobenzene			8.088	168	200209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene			8.968	114	357673	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.749	117	396305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.677	152	223987	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.440	65	457803	165.260	ug/l	0.00
Spiked Amount 50.000			Range	61 - 141	Recovery	=	330.520%#	
35) Dibromofluoromethane			8.024	113	361858	164.136	ug/l	0.00
Spiked Amount 50.000			Range	69 - 133	Recovery	=	328.280%#	
50) Toluene-d8			10.446	98	1745600	189.168	ug/l	0.00
Spiked Amount 50.000			Range	65 - 126	Recovery	=	378.340%#	
62) 4-Bromofluorobenzene			12.733	95	697409	189.158	ug/l	0.00
Spiked Amount 50.000			Range	58 - 135	Recovery	=	378.320%#	
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			2.070	85	248911	111.266	ug/l	99
3) Chloromethane			2.298	50	320946	111.816	ug/l	98
4) Vinyl Chloride			2.443	62	656917	156.948	ug/l	99
5) Bromomethane			2.815	94	424491	130.353	ug/l	100
6) Chloroethane			2.976	64	509839	168.171	ug/l	100
7) Trichlorofluoromethane			3.349	101	1391791	263.740	ug/l	98
8) Diethyl Ether			3.808	74	216845	149.036	ug/l	95
9) 1,1,2-Trichlorotrifluo...			4.189	101	190619	99.978	ug/l #	87
10) Methyl Iodide			4.411	142	278717	115.070	ug/l	92
11) Tert butyl alcohol			5.406	59	299897	668.787	ug/l #	81
12) 1,1-Dichloroethene			4.165	96	197282	103.459	ug/l	93
13) Acrolein			4.038	56	160802	821.307	ug/l	95
14) Allyl chloride			4.830	41	423619	121.884	ug/l #	86
15) Acrylonitrile			5.562	53	745010	747.130	ug/l	99
16) Acetone			4.293	43	469046	496.959	ug/l	93
17) Carbon Disulfide			4.516	76	628715	113.092	ug/l	98
18) Methyl Acetate			4.856	43	351416	129.924	ug/l	96
19) Methyl tert-butyl Ether			5.621	73	1081250	159.124	ug/l	100
20) Methylene Chloride			5.090	84	298799	125.870	ug/l	95
21) trans-1,2-Dichloroethene			5.589	96	351734	158.472	ug/l	98
22) Diisopropyl ether			6.503	45	1173028	173.293	ug/l	91
23) Vinyl Acetate			6.439	43	5632257	851.691	ug/l	99
24) 1,1-Dichloroethane			6.383	63	587111	143.223	ug/l	98
25) 2-Butanone			7.343	43	1154198	746.144	ug/l	96
26) 2,2-Dichloropropane			7.327	77	571987	145.095	ug/l	97
27) cis-1,2-Dichloroethene			7.327	96	403813	154.765	ug/l	98
28) Bromochloromethane			7.659	49	345862	170.021	ug/l	87
29) Tetrahydrofuran			7.691	42	762827	830.105	ug/l	97
30) Chloroform			7.820	83	725758	164.301	ug/l	98
31) Cyclohexane			8.096	56	494452	134.104	ug/l	99
32) 1,1,1-Trichloroethane			8.016	97	661725	159.941	ug/l	98
36) 1,1-Dichloropropene			8.222	75	507274	153.231	ug/l	98
37) Ethyl Acetate			7.420	43	494034	154.581	ug/l	98
38) Carbon Tetrachloride			8.206	117	558053	156.613	ug/l	97
39) Methylcyclohexane			9.461	83	587757	156.887	ug/l	97
40) Benzene			8.461	78	1612570	156.986	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	271849	164.019	ug/l #	88
42) 1,2-Dichloroethane	8.533	62	555179	157.947	ug/l	97
43) Isopropyl Acetate	8.566	43	907509	148.672	ug/l	95
44) Trichloroethene	9.217	130	391460	151.959	ug/l	92
45) 1,2-Dichloropropane	9.494	63	389485	152.105	ug/l	100
46) Dibromomethane	9.579	93	307899	169.506	ug/l #	86
47) Bromodichloromethane	9.764	83	573342	155.760	ug/l	97
48) Methyl methacrylate	9.563	41	412944	155.664	ug/l #	87
49) 1,4-Dioxane	9.577	88	153442	3704.258	ug/l	98
51) 4-Methyl-2-Pentanone	10.338	43	3168351	867.378	ug/l	94
52) Toluene	10.510	92	1287692	184.420	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	757984	172.383	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	727203	165.640	ug/l #	89
55) 1,1,2-Trichloroethane	10.902	97	447330	170.771	ug/l	99
56) Ethyl methacrylate	10.768	69	770507	180.354	ug/l #	90
57) 1,3-Dichloropropane	11.049	76	710764	164.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	930104	1025.624	ug/l	98
59) 2-Hexanone	11.092	43	2267732	848.267	ug/l	94
60) Dibromochloromethane	11.242	129	553993	178.760	ug/l	100
61) 1,2-Dibromoethane	11.350	107	470773	170.514	ug/l	99
64) Tetrachloroethene	10.979	164	387952	144.406	ug/l	95
65) Chlorobenzene	11.773	112	1359289	158.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	510042	156.608	ug/l	98
67) Ethyl Benzene	11.848	91	2456072	155.328	ug/l	99
68) m/p-Xylenes	11.958	106	2016181	317.137	ug/l	98
69) o-Xylene	12.286	106	1026356	165.588	ug/l	97
70) Styrene	12.299	104	1853315	173.788	ug/l	98
71) Bromoform	12.463	173	474127	172.939	ug/l #	99
73) Isopropylbenzene	12.583	105	2698896	158.140	ug/l	100
74) N-amyl acetate	12.390	43	998564	147.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.833	83	692392	144.821	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	603240m	143.686	ug/l	
77) Bromobenzene	12.865	156	592173	153.416	ug/l	85
78) n-propylbenzene	12.924	91	3022375	152.447	ug/l	97
79) 2-Chlorotoluene	13.109	91	1920551	158.547	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	2338717	156.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	281369	160.321	ug/l	96
82) 4-Chlorotoluene	13.010	91	1760632	152.331	ug/l	99
83) tert-Butylbenzene	13.329	119	2000105	158.129	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	2316608	156.328	ug/l	97
85) sec-Butylbenzene	13.506	105	2776830	156.595	ug/l	98
86) p-Isopropyltoluene	13.618	119	2484981	158.931	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	1191506	160.172	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1174255	156.001	ug/l	98
89) n-Butylbenzene	13.946	91	2132823	153.103	ug/l	97
90) Hexachloroethane	14.214	117	386873	146.147	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	1139602	155.788	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	144425	148.336	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	563669	173.817	ug/l	97
94) Hexachlorobutadiene	15.372	225	231387	128.803	ug/l	99
95) Naphthalene	15.509	128	1690905	206.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	534439	186.691	ug/l	96

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

