

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067609.D
 Acq On : 2 Jul 2021 11:21
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:11 AM

Quant Time: Jul 02 11:49:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:33:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	600928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1046956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1038461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	487197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1314534	155.569	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	311.140%#
35) Dibromofluoromethane	8.021	113	1057247	162.127	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	324.260%#
50) Toluene-d8	10.443	98	4339302	161.894	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	323.780%#
62) 4-Bromofluorobenzene	12.733	95	1621620	171.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	342.120%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	980010	156.925	ug/l	100
3) Chloromethane	2.298	50	1014907	132.475	ug/l	99
4) Vinyl Chloride	2.440	62	1646970	156.075	ug/l	97
5) Bromomethane	2.813	94	921455	117.474	ug/l	97
6) Chloroethane	2.976	64	1136034	151.527	ug/l	99
7) Trichlorofluoromethane	3.349	101	2969142	155.192	ug/l	100
8) Diethyl Ether	3.816	74	956107	210.536	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.189	101	795458	134.888	ug/l	95
10) Methyl Iodide	4.406	142	1116605	144.950	ug/l	93
11) Tert butyl alcohol	5.398	59	905512	740.774	ug/l	99
12) 1,1-Dichloroethene	4.162	96	783854	135.633	ug/l	89
13) Acrolein	4.036	56	726887	819.596	ug/l	100
14) Allyl chloride	4.827	41	1422212	148.380	ug/l	96
15) Acrylonitrile	5.556	53	2446639	772.001	ug/l	99
16) Acetone	4.291	43	1843425	673.432	ug/l	93
17) Carbon Disulfide	4.513	76	2358161	144.654	ug/l	99
18) Methyl Acetate	4.854	43	1031980	141.499	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	3428671	153.454	ug/l	99
20) Methylene Chloride	5.087	84	990709	127.881	ug/l	89
21) trans-1,2-Dichloroethene	5.586	96	1025714	155.870	ug/l	87
22) Diisopropyl ether	6.500	45	3316194	156.644	ug/l	# 94
23) Vinyl Acetate	6.433	43	14711762	827.301	ug/l	# 93
24) 1,1-Dichloroethane	6.382	63	1767625	145.430	ug/l	98
25) 2-Butanone	7.340	43	3364768	786.273	ug/l	93
26) 2,2-Dichloropropane	7.324	77	1633730	145.770	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	1199424	149.717	ug/l	84
28) Bromochloromethane	7.656	49	875278	151.912	ug/l	# 71
29) Tetrahydrofuran	7.689	42	2250637	789.708	ug/l	90
30) Chloroform	7.817	83	2065702	153.677	ug/l	99
31) Cyclohexane	8.094	56	1651010	135.962	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	1911864	157.171	ug/l	95
36) 1,1-Dichloropropene	8.220	75	1500657	157.051	ug/l	95
37) Ethyl Acetate	7.418	43	1428750	162.230	ug/l	98
38) Carbon Tetrachloride	8.204	117	1659441	163.910	ug/l	98
39) Methylcyclohexane	9.459	83	1703067	149.706	ug/l	90
40) Benzene	8.461	78	4543012	157.073	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	702123	160.475	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	1588444	157.142	ug/l	95
43) Isopropyl Acetate	8.566	43	2519576	166.033	ug/l	95
44) Trichloroethene	9.217	130	1175120	157.737	ug/l	86
45) 1,2-Dichloropropane	9.491	63	1104485	153.028	ug/l	98
46) Dibromomethane	9.577	93	845125	163.633	ug/l	92
47) Bromodichloromethane	9.764	83	1663066	163.515	ug/l	97
48) Methyl methacrylate	9.563	41	1111358	166.782	ug/l	88
49) 1,4-Dioxane	9.574	88	422697	3342.640	ug/l #	86
51) 4-Methyl-2-Pentanone	10.336	43	7904934	857.343	ug/l	94
52) Toluene	10.507	92	3118357	164.110	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	1879098	173.331	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1952471	169.594	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	1190338	161.923	ug/l	97
56) Ethyl methacrylate	10.765	69	1934758	172.533	ug/l	89
57) 1,3-Dichloropropane	11.046	76	1922890	160.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	2233623	1014.509	ug/l	91
59) 2-Hexanone	11.089	43	5703085	874.248	ug/l	92
60) Dibromochloromethane	11.242	129	1365238	175.559	ug/l	99
61) 1,2-Dibromoethane	11.349	107	1273347	168.333	ug/l	100
64) Tetrachloroethene	10.979	164	1100903	151.691	ug/l	95
65) Chlorobenzene	11.773	112	3379568	157.974	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	1274248	166.314	ug/l	99
67) Ethyl Benzene	11.848	91	6137477	158.044	ug/l	96
68) m/p-Xylenes	11.956	106	4753566	316.800	ug/l	86
69) o-Xylene	12.283	106	2393024	161.510	ug/l	86
70) Styrene	12.299	104	4099253	170.953	ug/l	93
71) Bromoform	12.460	173	1025364	190.511	ug/l #	100
73) Isopropylbenzene	12.583	105	6096885	148.798	ug/l	97
74) N-amyl acetate	12.390	43	2269985	167.224	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	1694630	146.159	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	1369610m	141.854	ug/l	
77) Bromobenzene	12.865	156	1428967	157.810	ug/l	72
78) n-propylbenzene	12.924	91	6883594	150.495	ug/l	95
79) 2-Chlorotoluene	13.010	91	4147625	148.154	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	5052690	150.381	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	568816	169.845	ug/l	90
82) 4-Chlorotoluene	13.109	91	4228681	154.385	ug/l	91
83) tert-Butylbenzene	13.326	119	4282566	147.545	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	5045135	152.580	ug/l	94
85) sec-Butylbenzene	13.506	105	5885001	147.723	ug/l	95
86) p-Isopropyltoluene	13.618	119	4962322	155.240	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	2642974	156.999	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	2580904	154.650	ug/l	95
89) n-Butylbenzene	13.946	91	4151260	156.502	ug/l	98
90) Hexachloroethane	14.214	117	892452	159.443	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	2466760	153.472	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	321557	158.798	ug/l	64
93) 1,2,4-Trichlorobenzene	15.265	180	1227269	177.822	ug/l	99
94) Hexachlorobutadiene	15.372	225	477289	157.237	ug/l	99
95) Naphthalene	15.509	128	3907690	179.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	1167380	173.090	ug/l	99

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

