

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067404.D
 Acq On : 18 Jun 2021 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 3:47:30 PM

Quant Time: Jun 19 00:41:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	279460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	585494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	525496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	212250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	291991	52.964	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.920%			
35) Dibromofluoromethane	8.024	113	189729	48.724	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.440%			
50) Toluene-d8	10.443	98	751460	50.349	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.733	95	290022	47.086	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	241662	52.802	ug/l	98
3) Chloromethane	2.301	50	254872	60.076	ug/l	100
4) Vinyl Chloride	2.443	62	241524	58.068	ug/l	98
5) Bromomethane	2.832	94	119104	67.496	ug/l	99
6) Chloroethane	3.006	64	147406	57.691	ug/l	100
7) Trichlorofluoromethane	3.365	101	333540	57.774	ug/l	97
8) Diethyl Ether	3.821	74	140671	59.901	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	205368	59.142	ug/l	96
10) Methyl Iodide	4.411	142	213118	58.476	ug/l	96
11) Tert butyl alcohol	5.390	59	244973	269.928	ug/l	100
12) 1,1-Dichloroethene	4.170	96	198841	59.327	ug/l	97
13) Acrolein	4.038	56	174117	307.359	ug/l	97
14) Allyl chloride	4.835	41	420255	56.512	ug/l	97
15) Acrylonitrile	5.556	53	654751	328.697	ug/l	99
16) Acetone	4.291	43	548574	259.298	ug/l	95
17) Carbon Disulfide	4.521	76	622161	57.472	ug/l	99
18) Methyl Acetate	4.859	43	312396	60.898	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	818714	60.854	ug/l	99
20) Methylene Chloride	5.090	84	253359	57.556	ug/l	95
21) trans-1,2-Dichloroethene	5.591	96	218187	58.743	ug/l	97
22) Diisopropyl ether	6.503	45	849677	61.898	ug/l	96
23) Vinyl Acetate	6.436	43	3788921	301.227	ug/l	99
24) 1,1-Dichloroethane	6.385	63	470720	61.128	ug/l	98
25) 2-Butanone	7.340	43	894444	295.872	ug/l	100
26) 2,2-Dichloropropane	7.327	77	408064	52.282	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	259930	59.474	ug/l	97
28) Bromochloromethane	7.656	49	209208	58.377	ug/l	93
29) Tetrahydrofuran	7.689	42	583926	306.363	ug/l	99
30) Chloroform	7.817	83	455738	56.370	ug/l	99
31) Cyclohexane	8.094	56	425992	56.841	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	396079	53.336	ug/l	98
36) 1,1-Dichloropropene	8.222	75	346268	52.754	ug/l	98
37) Ethyl Acetate	7.418	43	370996	53.348	ug/l	98
38) Carbon Tetrachloride	8.206	117	321856	45.619	ug/l	100
39) Methylcyclohexane	9.461	83	400114	57.595	ug/l	96
40) Benzene	8.461	78	1008848	55.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	190771	52.771	ug/l	97
42) 1,2-Dichloroethane	8.531	62	387321	50.033	ug/l	99
43) Isopropyl Acetate	8.566	43	659132	52.807	ug/l	99
44) Trichloroethene	9.217	130	211237	49.306	ug/l	98
45) 1,2-Dichloropropane	9.491	63	277919	56.877	ug/l	96
46) Dibromomethane	9.579	93	173317	52.135	ug/l	97
47) Bromodichloromethane	9.764	83	371653	49.840	ug/l	97
48) Methyl methacrylate	9.563	41	291986	51.303	ug/l	97
49) 1,4-Dioxane	9.571	88	85658	1099.659	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	1941896	270.221	ug/l	98
52) Toluene	10.507	92	598765	51.975	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	426337	51.629	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	448368	53.724	ug/l	95
55) 1,1,2-Trichloroethane	10.902	97	229746	51.580	ug/l	96
56) Ethyl methacrylate	10.765	69	431988	53.946	ug/l	97
57) 1,3-Dichloropropane	11.046	76	434489	53.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	585331	251.169	ug/l	97
59) 2-Hexanone	11.089	43	1404284	266.725	ug/l	98
60) Dibromochloromethane	11.242	129	233001	47.843	ug/l	98
61) 1,2-Dibromoethane	11.350	107	234122	50.206	ug/l	99
64) Tetrachloroethene	10.979	164	176795	47.383	ug/l	97
65) Chlorobenzene	11.773	112	596815	52.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	208329	48.923	ug/l	99
67) Ethyl Benzene	11.848	91	1194908	52.841	ug/l	99
68) m/p-Xylenes	11.956	106	826332	102.796	ug/l	100
69) o-Xylene	12.283	106	410203	52.171	ug/l	99
70) Styrene	12.296	104	687433	52.600	ug/l	99
71) Bromoform	12.460	173	150540	46.266	ug/l #	99
73) Isopropylbenzene	12.581	105	1089313	53.486	ug/l	99
74) N-amyl acetate	12.390	43	560064	56.327	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	353093	58.153	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	294359m	53.405	ug/l	
77) Bromobenzene	12.862	156	207716	50.082	ug/l	89
78) n-propylbenzene	12.924	91	1341638	55.385	ug/l	98
79) 2-Chlorotoluene	13.010	91	804683	53.349	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	912199	53.169	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	123195	55.393	ug/l	94
82) 4-Chlorotoluene	13.106	91	806314	53.689	ug/l	96
83) tert-Butylbenzene	13.326	119	735073	53.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	882995	52.094	ug/l	99
85) sec-Butylbenzene	13.503	105	1083037	55.995	ug/l	98
86) p-Isopropyltoluene	13.618	119	826144	52.923	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	375200	50.151	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	377685	50.189	ug/l	99
89) n-Butylbenzene	13.946	91	825336	56.269	ug/l	98
90) Hexachloroethane	14.214	117	168355	55.149	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	373236	52.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	74865	49.321	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	184098	49.673	ug/l	100
94) Hexachlorobutadiene	15.372	225	93822	44.082	ug/l	99
95) Naphthalene	15.509	128	577989	45.103	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	174564	49.062	ug/l	99

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

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