

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068535.D
 Acq On : 17 Sep 2021 22:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 6:58:08 PM

Quant Time: Sep 20 05:33:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	597252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	844203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	803389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	419055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283534	51.753	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.500%			
35) Dibromofluoromethane	8.024	113	277802	54.560	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.120%			
50) Toluene-d8	10.443	98	1024922	49.146	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.733	95	344134	49.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	193335	39.647	ug/l	100
3) Chloromethane	2.301	50	191767	45.061	ug/l	100
4) Vinyl Chloride	2.443	62	325800	44.056	ug/l	99
5) Bromomethane	2.840	94	291932	46.849	ug/l	97
6) Chloroethane	3.009	64	229429	42.139	ug/l	99
7) Trichlorofluoromethane	3.373	101	411009	44.314	ug/l	98
8) Diethyl Ether	3.827	74	131591	47.040	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	232948	45.449	ug/l	100
10) Methyl Iodide	4.425	142	357012	48.837	ug/l #	95
11) Tert butyl alcohol	5.369	59	184002	242.101	ug/l #	85
12) 1,1-Dichloroethene	4.183	96	213066	45.407	ug/l	98
13) Acrolein	4.044	56	76068	186.981	ug/l	99
14) Allyl chloride	4.843	41	271329	45.522	ug/l	98
15) Acrylonitrile	5.554	53	506526	242.466	ug/l	98
16) Acetone	4.288	43	378784	249.663	ug/l	99
17) Carbon Disulfide	4.535	76	536864	42.609	ug/l	99
18) Methyl Acetate	4.859	43	234815	49.254	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	769471	48.940	ug/l	98
20) Methylene Chloride	5.098	84	261714	51.235	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	248982	46.477	ug/l	97
22) Diisopropyl ether	6.498	45	641336	49.694	ug/l	97
23) Vinyl Acetate	6.436	43	2413380	250.210	ug/l	98
24) 1,1-Dichloroethane	6.388	63	411303	47.034	ug/l	100
25) 2-Butanone	7.335	43	634656	238.391	ug/l	99
26) 2,2-Dichloropropane	7.329	77	323630	40.085	ug/l	100
27) cis-1,2-Dichloroethene	7.332	96	304607	48.412	ug/l	97
28) Bromochloromethane	7.662	49	173866	51.093	ug/l	97
29) Tetrahydrofuran	7.683	42	423011	243.393	ug/l	98
30) Chloroform	7.820	83	502699	48.591	ug/l	100
31) Cyclohexane	8.099	56	357406	43.049	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	480216	50.034	ug/l	99
36) 1,1-Dichloropropene	8.225	75	344881	49.001	ug/l	99
37) Ethyl Acetate	7.412	43	268258	50.106	ug/l	100
38) Carbon Tetrachloride	8.212	117	443753	52.629	ug/l	99
39) Methylcyclohexane	9.461	83	429519	48.236	ug/l	100
40) Benzene	8.464	78	1069048	51.314	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	127022	48.213	ug/l	93
42) 1,2-Dichloroethane	8.531	62	357660	49.549	ug/l	99
43) Isopropyl Acetate	8.563	43	467962	49.542	ug/l	98
44) Trichloroethene	9.220	130	340647	51.643	ug/l	98
45) 1,2-Dichloropropane	9.494	63	250581	50.381	ug/l	98
46) Dibromomethane	9.579	93	209342	52.288	ug/l	98
47) Bromodichloromethane	9.765	83	403132	53.065	ug/l	99
48) Methyl methacrylate	9.561	41	213850	54.216	ug/l	99
49) 1,4-Dioxane	9.569	88	92557	1022.920	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1431940	265.565	ug/l	99
52) Toluene	10.507	92	748175	54.126	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	391481	53.788	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	420819	52.764	ug/l	100
55) 1,1,2-Trichloroethane	10.902	97	301923	55.040	ug/l	99
56) Ethyl methacrylate	10.765	69	390686	57.343	ug/l	100
57) 1,3-Dichloropropane	11.047	76	445120	52.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	197190	286.022	ug/l	100
59) 2-Hexanone	11.087	43	986855	273.284	ug/l	100
60) Dibromochloromethane	11.242	129	380032	50.542	ug/l	100
61) 1,2-Dibromoethane	11.350	107	325543	55.974	ug/l	100
64) Tetrachloroethene	10.979	164	367946	51.674	ug/l	99
65) Chlorobenzene	11.773	112	862402	52.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	365319	56.299	ug/l	99
67) Ethyl Benzene	11.848	91	1450724	53.706	ug/l	100
68) m/p-Xylenes	11.956	106	1188860	109.302	ug/l	100
69) o-Xylene	12.283	106	586235	55.317	ug/l	99
70) Styrene	12.296	104	926975	49.602	ug/l	99
71) Bromoform	12.460	173	317059	51.704	ug/l #	99
73) Isopropylbenzene	12.581	105	1493577	50.104	ug/l	99
74) N-amyl acetate	12.390	43	337370	50.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	398280	47.660	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	288711m	50.102	ug/l	
77) Bromobenzene	12.862	156	438155	53.140	ug/l	97
78) n-propylbenzene	12.924	91	1557034	49.467	ug/l	99
79) 2-Chlorotoluene	13.010	91	946672	48.786	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	1257278	51.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	101053	53.442	ug/l	98
82) 4-Chlorotoluene	13.109	91	997763	53.319	ug/l	98
83) tert-Butylbenzene	13.326	119	1179878	53.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1219826	52.522	ug/l	99
85) sec-Butylbenzene	13.503	105	1507767	51.718	ug/l	99
86) p-Isopropyltoluene	13.619	119	1311033	53.277	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	742743	51.919	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	712229	50.512	ug/l	99
89) n-Butylbenzene	13.946	91	899820	50.198	ug/l	99
90) Hexachloroethane	14.211	117	242367	56.111	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	723270	52.412	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	64685	48.765	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	341925	44.033	ug/l	99
94) Hexachlorobutadiene	15.373	225	236427	58.052	ug/l	99
95) Naphthalene	15.509	128	661952	40.609	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	316202	43.231	ug/l	99

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

