

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081021\
 Data File : VN068061.D
 Acq On : 10 Aug 2021 16:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:06:09 PM

Quant Time: Aug 11 06:32:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	401645	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	712681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	708319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	349093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	293338	51.590	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.180%			
35) Dibromofluoromethane	8.021	113	229504	55.257	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.520%			
50) Toluene-d8	10.443	98	955204	49.846	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.733	95	356204	50.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	173052	42.049	ug/l	99
3) Chloromethane	2.301	50	219935	43.021	ug/l	100
4) Vinyl Chloride	2.440	62	347675	43.589	ug/l	97
5) Bromomethane	2.818	94	317003	44.594	ug/l	99
6) Chloroethane	2.998	64	277226	44.825	ug/l	98
7) Trichlorofluoromethane	3.363	101	658127	45.534	ug/l	99
8) Diethyl Ether	3.811	74	173624	63.218	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.194	101	198455	47.630	ug/l	95
10) Methyl Iodide	4.414	142	238764	44.251	ug/l	91
11) Tert butyl alcohol	5.390	59	190672	250.283	ug/l	100
12) 1,1-Dichloroethene	4.170	96	182203	47.841	ug/l	85
13) Acrolein	4.036	56	148990	288.178	ug/l	98
14) Allyl chloride	4.832	41	311405	48.147	ug/l	97
15) Acrylonitrile	5.554	53	544650	255.076	ug/l	99
16) Acetone	4.288	43	478973	230.868	ug/l	94
17) Carbon Disulfide	4.519	76	487648	44.150	ug/l	99
18) Methyl Acetate	4.854	43	250174	50.154	ug/l	94
19) Methyl tert-butyl Ether	5.615	73	722535	50.539	ug/l	99
20) Methylene Chloride	5.090	84	233813	48.800	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	213569	48.214	ug/l	89
22) Diisopropyl ether	6.495	45	719535	50.115	ug/l	96
23) Vinyl Acetate	6.431	43	3051783m	225.887	ug/l	
24) 1,1-Dichloroethane	6.380	63	404438	48.707	ug/l	99
25) 2-Butanone	7.340	43	746865	248.137	ug/l	94
26) 2,2-Dichloropropane	7.321	77	368517	50.744	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	257242	48.850	ug/l	87
28) Bromochloromethane	7.656	49	207841	52.481	ug/l	# 80
29) Tetrahydrofuran	7.686	42	488522	253.459	ug/l	91
30) Chloroform	7.815	83	458909	49.902	ug/l	98
31) Cyclohexane	8.094	56	365808	43.613	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	401091	50.494	ug/l	97
36) 1,1-Dichloropropene	8.220	75	335191	50.847	ug/l	96
37) Ethyl Acetate	7.415	43	301410	48.582	ug/l	98
38) Carbon Tetrachloride	8.204	117	345432	53.282	ug/l	97
39) Methylcyclohexane	9.461	83	369304	51.838	ug/l	92
40) Benzene	8.458	78	988106	50.630	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	153663	51.992	ug/l	92
42) 1,2-Dichloroethane	8.528	62	358445	49.727	ug/l	95
43) Isopropyl Acetate	8.563	43	535775	51.824	ug/l	95
44) Trichloroethene	9.217	130	254087	51.472	ug/l	83
45) 1,2-Dichloropropane	9.491	63	253300	52.092	ug/l	100
46) Dibromomethane	9.577	93	183222	52.117	ug/l	94
47) Bromodichloromethane	9.762	83	367279	54.816	ug/l	99
48) Methyl methacrylate	9.561	41	237550	46.265	ug/l	89
49) 1,4-Dioxane	9.571	88	93355	1135.240	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1710524	228.188	ug/l	95
52) Toluene	10.507	92	687227	54.193	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	397938	46.920	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	414167	47.102	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	262739	53.440	ug/l	98
56) Ethyl methacrylate	10.762	69	406396	46.221	ug/l	89
57) 1,3-Dichloropropane	11.047	76	433442	54.066	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	390438	228.802	ug/l	93
59) 2-Hexanone	11.089	43	1243999	232.647	ug/l	94
60) Dibromochloromethane	11.240	129	292858	47.847	ug/l	98
61) 1,2-Dibromoethane	11.347	107	276921	54.845	ug/l	100
64) Tetrachloroethene	10.979	164	231257	45.585	ug/l	94
65) Chlorobenzene	11.773	112	738101	51.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	277672	47.882	ug/l	99
67) Ethyl Benzene	11.848	91	1379694	53.780	ug/l	96
68) m/p-Xylenes	11.956	106	1073406	95.944	ug/l	85
69) o-Xylene	12.283	106	519641	55.096	ug/l	86
70) Styrene	12.299	104	880520	47.479	ug/l	93
71) Bromoform	12.463	173	202991	45.252	ug/l #	98
73) Isopropylbenzene	12.581	105	1347612	47.315	ug/l	97
74) N-amyl acetate	12.390	43	461488	46.616	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	403388	46.869	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	357583m	51.004	ug/l	
77) Bromobenzene	12.865	156	314916	48.156	ug/l	75
78) n-propylbenzene	12.924	91	1573065	48.942	ug/l	96
79) 2-Chlorotoluene	13.010	91	938503	47.911	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1152504	49.923	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	115633	46.077	ug/l	94
82) 4-Chlorotoluene	13.109	91	945846	48.093	ug/l	90
83) tert-Butylbenzene	13.326	119	957831	49.899	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1140439	50.988	ug/l	92
85) sec-Butylbenzene	13.506	105	1363632	50.786	ug/l	96
86) p-Isopropyltoluene	13.618	119	1137531	53.250	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	606052	50.456	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	589428	49.692	ug/l	94
89) n-Butylbenzene	13.946	91	910906	49.729	ug/l	97
90) Hexachloroethane	14.214	117	195926	53.622	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	553254	48.915	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	64764	47.132	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	228541	45.333	ug/l	99
94) Hexachlorobutadiene	15.373	225	113856	48.444	ug/l	98
95) Naphthalene	15.509	128	603787	42.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	212360	44.550	ug/l	99

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

