

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067678.D
 Acq On : 9 Jul 2021 11:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:33 PM

Quant Time: Jul 10 05:23:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	458634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	815556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	785184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	400367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	324319	46.790	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.580%
35) Dibromofluoromethane	8.021	113	248895	50.512	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.020%
50) Toluene-d8	10.443	98	1024224	49.660	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.734	95	369266	50.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	209787	53.815	ug/l	100
3) Chloromethane	2.301	50	263004	42.596	ug/l	99
4) Vinyl Chloride	2.443	62	383845	41.192	ug/l	97
5) Bromomethane	2.834	94	295339	46.246	ug/l	98
6) Chloroethane	3.009	64	282212	43.791	ug/l	99
7) Trichlorofluoromethane	3.368	101	713103	50.353	ug/l	99
8) Diethyl Ether	3.819	74	138809	37.420	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.202	101	213780	50.295	ug/l	95
10) Methyl Iodide	4.414	142	272711	53.859	ug/l	93
11) Tert butyl alcohol	5.382	59	229899	230.814	ug/l	99
12) 1,1-Dichloroethene	4.173	96	195041	47.827	ug/l	89
13) Acrolein	4.036	56	125755	259.140	ug/l	99
14) Allyl chloride	4.832	41	359451	47.950	ug/l	97
15) Acrylonitrile	5.554	53	629690	254.887	ug/l	99
16) Acetone	4.288	43	550411	252.364	ug/l	97
17) Carbon Disulfide	4.521	76	533601	47.237	ug/l	99
18) Methyl Acetate	4.854	43	279585	45.639	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	850204	50.311	ug/l	100
20) Methylene Chloride	5.093	84	255934	50.271	ug/l	91
21) trans-1,2-Dichloroethene	5.591	96	243303	50.462	ug/l	88
22) Diisopropyl ether	6.498	45	865544	50.882	ug/l	97
23) Vinyl Acetate	6.434	43	3716604	255.556	ug/l	95
24) 1,1-Dichloroethane	6.385	63	462804	48.803	ug/l	98
25) 2-Butanone	7.337	43	918737	253.679	ug/l	94
26) 2,2-Dichloropropane	7.324	77	422285	50.955	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	300422	49.791	ug/l	86
28) Bromochloromethane	7.657	49	215346	46.536	ug/l	# 77
29) Tetrahydrofuran	7.686	42	592986	248.980	ug/l	92
30) Chloroform	7.818	83	522905	49.090	ug/l	99
31) Cyclohexane	8.094	56	427151	43.951	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	455765	49.344	ug/l	98
36) 1,1-Dichloropropene	8.220	75	382428	50.481	ug/l	95
37) Ethyl Acetate	7.415	43	369063	50.279	ug/l	98
38) Carbon Tetrachloride	8.206	117	392831	52.569	ug/l	99
39) Methylcyclohexane	9.462	83	435534	52.515	ug/l	92
40) Benzene	8.461	78	1150887	50.752	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	188361	49.929	ug/l	92
42) 1,2-Dichloroethane	8.531	62	422798	50.206	ug/l	96
43) Isopropyl Acetate	8.563	43	656936	50.878	ug/l	96
44) Trichloroethene	9.218	130	297119	51.628	ug/l	84
45) 1,2-Dichloropropane	9.491	63	291231	50.725	ug/l	100
46) Dibromomethane	9.577	93	215146	52.812	ug/l	94
47) Bromodichloromethane	9.765	83	416344	52.277	ug/l	98
48) Methyl methacrylate	9.561	41	283760	49.688	ug/l	88
49) 1,4-Dioxane	9.572	88	103418	913.107	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2066589	260.525	ug/l	95
52) Toluene	10.508	92	773980	52.105	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	460579	48.583	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	479337	54.120	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	301932	53.039	ug/l	99
56) Ethyl methacrylate	10.765	69	482683	55.037	ug/l	90
57) 1,3-Dichloropropane	11.047	76	506794	51.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	534578	230.033	ug/l	92
59) 2-Hexanone	11.090	43	1483327	267.897	ug/l	93
60) Dibromochloromethane	11.240	129	327784	47.061	ug/l	99
61) 1,2-Dibromoethane	11.347	107	316911	54.528	ug/l	99
64) Tetrachloroethene	10.980	164	289823	52.291	ug/l	96
65) Chlorobenzene	11.773	112	840574	52.124	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	311288	54.877	ug/l	100
67) Ethyl Benzene	11.849	91	1545156	52.632	ug/l	96
68) m/p-Xylenes	11.956	106	1194017	107.534	ug/l	86
69) o-Xylene	12.283	106	580280	53.154	ug/l	88
70) Styrene	12.296	104	987132	56.526	ug/l	93
71) Bromoform	12.460	173	227017	45.428	ug/l #	100
73) Isopropylbenzene	12.581	105	1510398	46.757	ug/l	96
74) N-amyl acetate	12.390	43	568935	48.547	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	449513	47.947	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	377836m	46.212	ug/l	
77) Bromobenzene	12.862	156	352973	49.370	ug/l	74
78) n-propylbenzene	12.924	91	1758915	48.142	ug/l	95
79) 2-Chlorotoluene	13.010	91	1041056	47.164	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1282744	49.008	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	132817	52.373	ug/l	94
82) 4-Chlorotoluene	13.106	91	1070834	49.026	ug/l	91
83) tert-Butylbenzene	13.326	119	1083821	48.554	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	1285406	50.119	ug/l	92
85) sec-Butylbenzene	13.506	105	1526564	49.415	ug/l	95
86) p-Isopropyltoluene	13.619	119	1291832	51.820	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	692575	52.216	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	681315	50.172	ug/l	95
89) n-Butylbenzene	13.946	91	1071183	50.096	ug/l	98
90) Hexachloroethane	14.214	117	208899	50.454	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	657956	51.390	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	78618	48.282	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	297665	44.918	ug/l	99
94) Hexachlorobutadiene	15.373	225	139473	51.843	ug/l	99
95) Naphthalene	15.509	128	869082	44.676	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	279576	44.062	ug/l	99

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

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