

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071921\
 Data File : VN067786.D
 Acq On : 19 Jul 2021 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:29 PM

Quant Time: Jul 19 14:02:33 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	8.086	168	421292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	742122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	728247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	363642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	306419	48.126	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.260%
35) Dibromofluoromethane	8.024	113	234492	52.298	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.600%
50) Toluene-d8	10.443	98	955630	50.919	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.733	95	355587	53.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	192123	53.652	ug/l	99
3) Chloromethane	2.301	50	236772	41.747	ug/l	100
4) Vinyl Chloride	2.443	62	377039	44.048	ug/l	98
5) Bromomethane	2.829	94	293188	50.418	ug/l	97
6) Chloroethane	3.003	64	287502	49.634	ug/l	97
7) Trichlorofluoromethane	3.365	101	703787	54.366	ug/l	99
8) Diethyl Ether	3.819	74	137151	40.250	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	212238	54.358	ug/l	96
10) Methyl Iodide	4.411	142	255245	54.878	ug/l	91
11) Tert butyl alcohol	5.390	59	223610	244.399	ug/l	# 81
12) 1,1-Dichloroethene	4.173	96	194017	51.793	ug/l	90
13) Acrolein	4.036	56	188822	426.270	ug/l	98
14) Allyl chloride	4.835	41	340653	49.470	ug/l	95
15) Acrylonitrile	5.554	53	598626	263.790	ug/l	99
16) Acetone	4.288	43	538896	268.986	ug/l	93
17) Carbon Disulfide	4.519	76	514017	49.537	ug/l	100
18) Methyl Acetate	4.856	43	283850	50.442	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	811443	52.273	ug/l	100
20) Methylene Chloride	5.087	84	247037	52.860	ug/l	91
21) trans-1,2-Dichloroethene	5.591	96	228803	51.661	ug/l	91
22) Diisopropyl ether	6.498	45	810004	51.838	ug/l	97
23) Vinyl Acetate	6.433	43	3456997	258.775	ug/l	95
24) 1,1-Dichloroethane	6.385	63	438266	50.312	ug/l	98
25) 2-Butanone	7.337	43	856799	257.546	ug/l	94
26) 2,2-Dichloropropane	7.324	77	409743	53.824	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	287704	51.909	ug/l	85
28) Bromochloromethane	7.659	49	195247	45.933	ug/l	# 78
29) Tetrahydrofuran	7.686	42	552907	252.729	ug/l	92
30) Chloroform	7.817	83	488948	49.971	ug/l	99
31) Cyclohexane	8.094	56	393594	44.088	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	438257	51.654	ug/l	98
36) 1,1-Dichloropropene	8.222	75	357204	51.817	ug/l	96
37) Ethyl Acetate	7.415	43	344408	51.563	ug/l	98
38) Carbon Tetrachloride	8.206	117	374697	55.104	ug/l	98
39) Methylcyclohexane	9.461	83	403136	53.419	ug/l	91
40) Benzene	8.458	78	1078253	52.254	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	175379	51.088	ug/l	92
42) 1,2-Dichloroethane	8.531	62	404343	52.766	ug/l	97
43) Isopropyl Acetate	8.563	43	620739	52.832	ug/l	96
44) Trichloroethene	9.217	130	279393	53.352	ug/l	88
45) 1,2-Dichloropropane	9.491	63	275565	52.746	ug/l	100
46) Dibromomethane	9.577	93	200092	53.977	ug/l	93
47) Bromodichloromethane	9.762	83	395591	54.586	ug/l	99
48) Methyl methacrylate	9.561	41	269567	51.874	ug/l	89
49) 1,4-Dioxane	9.571	88	96943	939.664	ug/l #	87
51) 4-Methyl-2-Pentanone	10.333	43	1960733	271.640	ug/l	95
52) Toluene	10.507	92	740723	54.800	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	439075	50.814	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	450657	55.917	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	285025	55.023	ug/l	96
56) Ethyl methacrylate	10.765	69	458985	57.513	ug/l	90
57) 1,3-Dichloropropane	11.046	76	475234	53.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	495031	233.794	ug/l	91
59) 2-Hexanone	11.089	43	1408535	279.561	ug/l	94
60) Dibromochloromethane	11.240	129	313901	49.404	ug/l	100
61) 1,2-Dibromoethane	11.350	107	299205	56.576	ug/l	99
64) Tetrachloroethene	10.979	164	278905	54.255	ug/l	97
65) Chlorobenzene	11.773	112	802001	53.620	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	304045	57.791	ug/l	99
67) Ethyl Benzene	11.848	91	1482979	54.464	ug/l	97
68) m/p-Xylenes	11.956	106	1138813	110.581	ug/l	87
69) o-Xylene	12.283	106	556344	54.946	ug/l	87
70) Styrene	12.296	104	951316	58.734	ug/l	93
71) Bromoform	12.463	173	224474	48.221	ug/l #	99
73) Isopropylbenzene	12.581	105	1462502	49.846	ug/l	97
74) N-amyl acetate	12.390	43	541212	50.846	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	425663	49.988	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	368144m	49.574	ug/l	
77) Bromobenzene	12.865	156	339992	52.357	ug/l	74
78) n-propylbenzene	12.924	91	1689539	50.914	ug/l	95
79) 2-Chlorotoluene	13.010	91	1008369	50.296	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1233386	51.881	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	127658	55.423	ug/l	95
82) 4-Chlorotoluene	13.109	91	1019579	51.393	ug/l	91
83) tert-Butylbenzene	13.326	119	1035066	51.053	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	1233082	52.935	ug/l	93
85) sec-Butylbenzene	13.503	105	1462303	52.115	ug/l	96
86) p-Isopropyltoluene	13.618	119	1226746	54.178	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	654118	54.297	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	637855	51.715	ug/l	95
89) n-Butylbenzene	13.946	91	1018046	52.419	ug/l	98
90) Hexachloroethane	14.214	117	207794	55.256	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	613682	52.773	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	76529	51.746	ug/l	67
93) 1,2,4-Trichlorobenzene	15.265	180	285289	47.251	ug/l	98
94) Hexachlorobutadiene	15.372	225	137143	56.125	ug/l	100
95) Naphthalene	15.509	128	813549	45.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	269830	46.656	ug/l	98

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

