

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068755.D
 Acq On : 29 Sep 2021 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:25 PM

Quant Time: Sep 29 23:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	407456	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	719612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	713778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	316564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	270073	47.572	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.140%		
35) Dibromofluoromethane	8.021	113	217117	48.560	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.120%		
50) Toluene-d8	10.443	98	814051	49.825	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.733	95	302590	53.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	188029	42.135	ug/l	99
3) Chloromethane	2.301	50	194673	48.435	ug/l	99
4) Vinyl Chloride	2.443	62	394160	43.114	ug/l	96
5) Bromomethane	2.840	94	336881	51.703	ug/l	100
6) Chloroethane	3.011	64	335265	52.115	ug/l	98
7) Trichlorofluoromethane	3.373	101	336213	49.263	ug/l	98
8) Diethyl Ether	3.827	74	115638	46.524	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.215	101	190620	42.660	ug/l	95
10) Methyl Iodide	4.422	142	197396	48.358	ug/l	93
11) Tert butyl alcohol	5.363	59	197522	259.482	ug/l	# 82
12) 1,1-Dichloroethene	4.183	96	165856	43.321	ug/l	83
13) Acrolein	4.044	56	29882	258.841	ug/l	99
14) Allyl chloride	4.846	41	270619	45.334	ug/l	# 89
15) Acrylonitrile	5.554	53	529202	247.151	ug/l	99
16) Acetone	4.283	43	432737	226.592	ug/l	95
17) Carbon Disulfide	4.532	76	338559	45.585	ug/l	97
18) Methyl Acetate	4.854	43	328515	47.993	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	725534	47.740	ug/l	99
20) Methylene Chloride	5.101	84	213744	43.364	ug/l	90
21) trans-1,2-Dichloroethene	5.602	96	186486	43.343	ug/l	86
22) Diisopropyl ether	6.498	45	697152	49.380	ug/l	# 96
23) Vinyl Acetate	6.434	43	2789295	250.004	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	390613	45.702	ug/l	98
25) 2-Butanone	7.332	43	762396	239.244	ug/l	90
26) 2,2-Dichloropropane	7.327	77	321279	39.768	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	254631	46.009	ug/l	83
28) Bromochloromethane	7.659	49	182648	47.062	ug/l	# 76
29) Tetrahydrofuran	7.681	42	494272	251.152	ug/l	88
30) Chloroform	7.820	83	476153	47.333	ug/l	98
31) Cyclohexane	8.096	56	309566	47.185	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	425488	47.483	ug/l	98
36) 1,1-Dichloropropene	8.222	75	304639	45.012	ug/l	96
37) Ethyl Acetate	7.412	43	320332	49.880	ug/l	98
38) Carbon Tetrachloride	8.206	117	365753	45.493	ug/l	100
39) Methylcyclohexane	9.461	83	335670	42.791	ug/l	89
40) Benzene	8.461	78	948931	46.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	153653	50.320	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	371018	45.863	ug/l	97
43) Isopropyl Acetate	8.560	43	573328	48.528	ug/l	97
44) Trichloroethene	9.217	130	243565	44.278	ug/l	86
45) 1,2-Dichloropropane	9.488	63	246019	46.273	ug/l	100
46) Dibromomethane	9.579	93	189605	46.486	ug/l	94
47) Bromodichloromethane	9.762	83	389636	47.505	ug/l #	96
48) Methyl methacrylate	9.561	41	243449	49.089	ug/l #	83
49) 1,4-Dioxane	9.569	88	91175	1138.042	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	1876676	262.719	ug/l	97
52) Toluene	10.507	92	653104	47.572	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	400619	48.250	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	404482	46.298	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	276272	47.330	ug/l	97
56) Ethyl methacrylate	10.762	69	417943	46.297	ug/l	93
57) 1,3-Dichloropropane	11.046	76	442249	48.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	457280	248.165	ug/l	92
59) 2-Hexanone	11.087	43	1360773	276.486	ug/l	96
60) Dibromochloromethane	11.240	129	318377	51.710	ug/l	100
61) 1,2-Dibromoethane	11.350	107	283782	49.567	ug/l	98
64) Tetrachloroethene	10.979	164	223573	41.962	ug/l	96
65) Chlorobenzene	11.773	112	737748	45.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	291405	46.341	ug/l	100
67) Ethyl Benzene	11.846	91	1355516	47.331	ug/l	97
68) m/p-Xylenes	11.956	106	1012769	95.420	ug/l	87
69) o-Xylene	12.283	106	512339	48.858	ug/l	86
70) Styrene	12.296	104	857355	51.417	ug/l	93
71) Bromoform	12.460	173	225754	50.855	ug/l #	99
73) Isopropylbenzene	12.581	105	1360495	48.024	ug/l	98
74) N-amyl acetate	12.387	43	496864	54.555	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	420588	48.867	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	340420m	48.355	ug/l	
77) Bromobenzene	12.862	156	308426	48.126	ug/l	74
78) n-propylbenzene	12.921	91	1541965	48.154	ug/l	96
79) 2-Chlorotoluene	13.010	91	909695	49.182	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1116703	49.640	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	123264	50.899	ug/l	95
82) 4-Chlorotoluene	13.106	91	882081	47.453	ug/l	91
83) tert-Butylbenzene	13.326	119	988948	49.810	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1107012	50.145	ug/l	95
85) sec-Butylbenzene	13.503	105	1400816	48.865	ug/l	97
86) p-Isopropyltoluene	13.618	119	1125021	49.406	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	543003	45.435	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	523187	43.983	ug/l	96
89) n-Butylbenzene	13.946	91	908209	45.120	ug/l	97
90) Hexachloroethane	14.214	117	227807	49.181	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	519363	45.133	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	72925	49.001	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	231357	44.311	ug/l	99
94) Hexachlorobutadiene	15.370	225	120347	40.893	ug/l	99
95) Naphthalene	15.507	128	646914	43.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	227274	45.390	ug/l	99

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

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