

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068559.D
 Acq On : 20 Sep 2021 14:12
 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
 9/21/2021 7:01:25 PM

Quant Time: Sep 21 07:28:00 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	607540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	868244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	836607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	421797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	304138	54.574	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.140%			
35) Dibromofluoromethane	8.021	113	283760	54.187	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.380%			
50) Toluene-d8	10.443	98	1055989	49.227	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.733	95	369368	51.993	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	222302	44.815	ug/l	99
3) Chloromethane	2.301	50	223744	51.920	ug/l	98
4) Vinyl Chloride	2.443	62	307394	40.863	ug/l	99
5) Bromomethane	2.834	94	271282	42.502	ug/l	100
6) Chloroethane	3.006	64	225140	40.651	ug/l	99
7) Trichlorofluoromethane	3.371	101	424275	44.969	ug/l	99
8) Diethyl Ether	3.824	74	147151	51.711	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.213	101	246085	47.199	ug/l	97
10) Methyl Iodide	4.427	142	355823	47.850	ug/l	98
11) Tert butyl alcohol	5.361	59	208987	271.910	ug/l #	86
12) 1,1-Dichloroethene	4.186	96	222091	46.529	ug/l	98
13) Acrolein	4.038	56	134147	324.160	ug/l	98
14) Allyl chloride	4.840	41	314089	51.804	ug/l	97
15) Acrylonitrile	5.551	53	569374	267.935	ug/l	98
16) Acetone	4.282	43	423946	275.685	ug/l	98
17) Carbon Disulfide	4.535	76	514965	40.179	ug/l	99
18) Methyl Acetate	4.854	43	275161	57.014	ug/l	97
19) Methyl tert-butyl Ether	5.613	73	859480	53.739	ug/l	99
20) Methylene Chloride	5.098	84	272423	52.461	ug/l	100
21) trans-1,2-Dichloroethene	5.599	96	252700	46.373	ug/l	97
22) Diisopropyl ether	6.498	45	755704	57.564	ug/l	97
23) Vinyl Acetate	6.433	43	2831885	288.627	ug/l	99
24) 1,1-Dichloroethane	6.388	63	444948	50.020	ug/l	98
25) 2-Butanone	7.332	43	725953	268.067	ug/l	97
26) 2,2-Dichloropropane	7.329	77	383096	46.647	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	320232	50.033	ug/l	99
28) Bromochloromethane	7.656	49	192034	55.476	ug/l	91
29) Tetrahydrofuran	7.683	42	487848	275.945	ug/l	96
30) Chloroform	7.820	83	527081	50.085	ug/l	100
31) Cyclohexane	8.096	56	381616	45.187	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	490251	50.215	ug/l	99
36) 1,1-Dichloropropene	8.222	75	360044	49.739	ug/l	99
37) Ethyl Acetate	7.412	43	307555	55.856	ug/l	100
38) Carbon Tetrachloride	8.209	117	444793	51.291	ug/l	100
39) Methylcyclohexane	9.461	83	456557	49.853	ug/l	97
40) Benzene	8.461	78	1117221	52.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	146163	53.942	ug/l	98
42) 1,2-Dichloroethane	8.531	62	384522	51.795	ug/l	100
43) Isopropyl Acetate	8.560	43	546148	56.219	ug/l	98
44) Trichloroethene	9.217	130	334632	49.326	ug/l	95
45) 1,2-Dichloropropane	9.491	63	275476	53.853	ug/l	99
46) Dibromomethane	9.579	93	218414	53.043	ug/l	99
47) Bromodichloromethane	9.762	83	425824	54.500	ug/l	99
48) Methyl methacrylate	9.558	41	228994	56.448	ug/l	94
49) 1,4-Dioxane	9.569	88	99452	1068.689	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	1655039	298.442	ug/l	98
52) Toluene	10.507	92	780102	54.873	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	443241	59.213	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	464344	56.609	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	318639	56.479	ug/l	97
56) Ethyl methacrylate	10.762	69	439042	62.657	ug/l	97
57) 1,3-Dichloropropane	11.046	76	487743	56.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	218549	302.205	ug/l	96
59) 2-Hexanone	11.087	43	1132020	304.804	ug/l	98
60) Dibromochloromethane	11.240	129	392166	50.706	ug/l	100
61) 1,2-Dibromoethane	11.347	107	336595	56.272	ug/l	98
64) Tetrachloroethene	10.979	164	373428	50.362	ug/l	98
65) Chlorobenzene	11.771	112	880937	51.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	360931	53.414	ug/l	98
67) Ethyl Benzene	11.846	91	1484495	52.774	ug/l	99
68) m/p-Xylenes	11.956	106	1217573	107.497	ug/l	98
69) o-Xylene	12.283	106	617527	55.956	ug/l	95
70) Styrene	12.296	104	977939	50.228	ug/l	98
71) Bromoform	12.460	173	307730	48.362	ug/l #	99
73) Isopropylbenzene	12.580	105	1556443	51.874	ug/l	99
74) N-amyl acetate	12.387	43	440956	65.892	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	434117	51.611	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	340365m	58.875	ug/l	
77) Bromobenzene	12.862	156	454024	54.707	ug/l	89
78) n-propylbenzene	12.921	91	1916857	60.503	ug/l	97
79) 2-Chlorotoluene	13.010	91	1138002	58.264	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	1445484	59.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	113167	59.460	ug/l	98
82) 4-Chlorotoluene	13.106	91	1105797	58.708	ug/l	95
83) tert-Butylbenzene	13.326	119	1208248	54.291	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	1270783	54.360	ug/l	97
85) sec-Butylbenzene	13.503	105	1586116	54.052	ug/l	97
86) p-Isopropyltoluene	13.618	119	1337839	54.013	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	734781	51.028	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	728906	51.358	ug/l	99
89) n-Butylbenzene	13.943	91	1056197	58.539	ug/l	98
90) Hexachloroethane	14.214	117	250420	57.599	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	717595	51.662	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	81277	60.876	ug/l	83
93) 1,2,4-Trichlorobenzene	15.265	180	352628	45.043	ug/l	100
94) Hexachlorobutadiene	15.372	225	238415	58.159	ug/l	99
95) Naphthalene	15.507	128	722822	43.758	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	328997	44.588	ug/l	99

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

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