

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020675.D
 Acq On : 20 Jan 2021 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 6:36:36 PM

Quant Time: Jan 20 16:54:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	222199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	355303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	319215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	134271	44.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.40%		
35) Dibromofluoromethane	5.458	113	112445	45.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.86%		
50) Toluene-d8	8.696	98	414049	46.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.82%		
62) 4-Bromofluorobenzene	11.116	95	162338	48.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	178835	52.84	ug/l	99
3) Chloromethane	1.307	50	159460	52.17	ug/l	100
4) Vinyl Chloride	1.392	62	169650	53.98	ug/l	100
5) Bromomethane	1.624	94	57662	39.44	ug/l	99
6) Chloroethane	1.703	64	91477	48.83	ug/l	99
7) Trichlorofluoromethane	1.910	101	213412	46.99	ug/l	96
8) Diethyl Ether	2.166	74	77990	48.73	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	130341	53.09	ug/l	100
10) Methyl Iodide	2.489	142	177266	53.92	ug/l	98
11) Tert butyl alcohol	3.014	59	132931	246.74	ug/l	98
12) 1,1-Dichloroethene	2.355	96	126200	53.03	ug/l	98
13) Acrolein	2.270	56	95912	286.70	ug/l	100
14) Allyl chloride	2.703	41	191364	53.34	ug/l	98
15) Acrylonitrile	3.105	53	349260	261.52	ug/l	99
16) Acetone	2.410	43	327765	277.81	ug/l	98
17) Carbon Disulfide	2.550	76	357426	52.54	ug/l	100
18) Methyl Acetate	2.739	43	138233	51.58	ug/l	100
19) Methyl tert-butyl Ether	3.160	73	425762	54.37	ug/l	100
20) Methylene Chloride	2.831	84	143342	50.05	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	139634	52.71	ug/l	98
22) Diisopropyl ether	3.818	45	392843	54.83	ug/l	95
23) Vinyl Acetate	3.776	43	1686183	275.85	ug/l	100
24) 1,1-Dichloroethane	3.666	63	243258	52.19	ug/l	99
25) 2-Butanone	4.623	43	466609	270.58	ug/l	99
26) 2,2-Dichloropropane	4.544	77	212094	53.50	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	156443	52.23	ug/l	100
28) Bromochloromethane	4.971	49	91101	46.80	ug/l	97
29) Tetrahydrofuran	5.074	42	283876	265.17	ug/l	100
30) Chloroform	5.172	83	249054	50.17	ug/l	99
31) Cyclohexane	5.544	56	214973	54.08	ug/l	100
32) 1,1,1-Trichloroethane	5.458	97	222492	50.96	ug/l	99
36) 1,1-Dichloropropene	5.763	75	193490	54.04	ug/l	99
37) Ethyl Acetate	4.782	43	174600	52.92	ug/l	99
38) Carbon Tetrachloride	5.751	117	197624	51.72	ug/l	99
39) Methylcyclohexane	7.434	83	230790	56.63	ug/l	98
40) Benzene	6.105	78	556585	53.04	ug/l	100

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41) Methacrylonitrile	4.995	41	94227	52.97	ug/l	98
42) 1,2-Dichloroethane	6.153	62	197600	50.19	ug/l	99
43) Isopropyl Acetate	6.403	43	275875	54.15	ug/l	99
44) Trichloroethene	7.184	130	153809	53.86	ug/l	95
45) 1,2-Dichloropropane	7.482	63	141508	53.66	ug/l	97
46) Dibromomethane	7.635	93	97947	51.28	ug/l	98
47) Bromodichloromethane	7.872	83	200591	52.29	ug/l	99
48) Methyl methacrylate	7.738	41	140004	55.46	ug/l	99
49) 1,4-Dioxane	7.708	88	63854	1109.55	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	863767	271.02	ug/l	100
52) Toluene	8.763	92	349936	54.26	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	220878	56.32	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	239202	55.32	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	139407	51.10	ug/l	98
56) Ethyl methacrylate	9.153	69	209858	52.28	ug/l	97
57) 1,3-Dichloropropane	9.348	76	239880	53.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	507567	260.25	ug/l	99
59) 2-Hexanone	9.470	43	687849	288.11	ug/l	100
60) Dibromochloromethane	9.561	129	155138	52.75	ug/l	99
61) 1,2-Dibromoethane	9.653	107	150301	53.53	ug/l	99
64) Tetrachloroethene	9.317	164	137999	54.28	ug/l	97
65) Chlorobenzene	10.116	112	372701	54.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	141751	54.58	ug/l	99
67) Ethyl Benzene	10.232	91	672820	57.44	ug/l	100
68) m/p-Xylenes	10.342	106	514385	118.17	ug/l	99
69) o-Xylene	10.683	106	242295	57.97	ug/l	99
70) Styrene	10.695	104	413723	53.79	ug/l	98
71) Bromoform	10.835	173	115510	57.10	ug/l #	100
73) Isopropylbenzene	11.000	105	646605	56.05	ug/l	100
74) N-amyl acetate	10.878	43	239665	52.73	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	214557	52.13	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	209224m	53.67	ug/l	
77) Bromobenzene	11.238	156	162200	54.96	ug/l	99
78) n-propylbenzene	11.341	91	751739	56.91	ug/l	100
79) 2-Chlorotoluene	11.402	91	452238	55.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	561153	58.18	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	74372	55.18	ug/l	98
82) 4-Chlorotoluene	11.494	91	537887	55.98	ug/l	99
83) tert-Butylbenzene	11.756	119	529968	56.57	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	557552	53.04	ug/l	99
85) sec-Butylbenzene	11.927	105	614954	56.69	ug/l	100
86) p-Isopropyltoluene	12.049	119	580071	53.04	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	302648	55.76	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	297172	54.09	ug/l	98
89) n-Butylbenzene	12.372	91	516264	52.99	ug/l	99
90) Hexachloroethane	12.579	117	97465	53.59	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	287553	54.32	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	46991	51.18	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	188292	50.62	ug/l	99
94) Hexachlorobutadiene	13.768	225	88876	55.20	ug/l	99
95) Naphthalene	13.817	128	605751	50.15	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	189370	56.56	ug/l	99

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

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