

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020584.D
 Acq On : 12 Jan 2021 19:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/13/2021 4:38:39 PM

Quant Time: Jan 13 00:28:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	180970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	280558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	259593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	120653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	107409	49.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.82%
35) Dibromofluoromethane	5.458	113	95071	48.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.82%
50) Toluene-d8	8.695	98	354170	50.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.84%
62) 4-Bromofluorobenzene	11.122	95	128907	52.48	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.96%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	95022	53.23	ug/l	100
3) Chloromethane	1.313	50	88897	53.81	ug/l	100
4) Vinyl Chloride	1.392	62	98726	52.11	ug/l	99
5) Bromomethane	1.636	94	63405	49.56	ug/l	98
6) Chloroethane	1.709	64	63225	56.16	ug/l	100
7) Trichlorofluoromethane	1.916	101	161602	51.51	ug/l	96
8) Diethyl Ether	2.166	74	55573	49.72	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.367	101	90363	51.34	ug/l	94
10) Methyl Iodide	2.489	142	123843	50.45	ug/l	99
11) Tert butyl alcohol	3.044	59	100367	251.34	ug/l	98
12) 1,1-Dichloroethene	2.355	96	88147	51.02	ug/l	97
13) Acrolein	2.276	56	74639	247.73	ug/l	98
14) Allyl chloride	2.709	41	119425	49.75	ug/l	97
15) Acrylonitrile	3.117	53	237558	257.39	ug/l	99
16) Acetone	2.422	43	185872	250.24	ug/l	99
17) Carbon Disulfide	2.550	76	236999	49.75	ug/l	99
18) Methyl Acetate	2.745	43	95983	49.84	ug/l	95
19) Methyl tert-butyl Ether	3.166	73	295221	52.68	ug/l	96
20) Methylene Chloride	2.837	84	101604	49.48	ug/l	93
21) trans-1,2-Dichloroethene	3.142	96	99317	51.18	ug/l	94
22) Diisopropyl ether	3.824	45	256169	52.85	ug/l	93
23) Vinyl Acetate	3.782	43	1093550	264.34	ug/l	96
24) 1,1-Dichloroethane	3.666	63	163533	50.80	ug/l	99
25) 2-Butanone	4.635	43	294132	250.37	ug/l	97
26) 2,2-Dichloropropane	4.550	77	141887	47.39	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	117964	54.47	ug/l	93
28) Bromochloromethane	4.977	49	64906	49.52	ug/l	83
29) Tetrahydrofuran	5.086	42	189903	265.38	ug/l	95
30) Chloroform	5.172	83	181928	50.54	ug/l	98
31) Cyclohexane	5.550	56	134080	52.49	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	165524	51.13	ug/l	98
36) 1,1-Dichloropropene	5.769	75	129220	50.41	ug/l	98
37) Ethyl Acetate	4.788	43	115687	49.69	ug/l	99
38) Carbon Tetrachloride	5.751	117	148079	49.50	ug/l	97
39) Methylcyclohexane	7.440	83	151217	51.65	ug/l	95
40) Benzene	6.111	78	393285	51.05	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	62612	51.38	ug/l	96
42) 1,2-Dichloroethane	6.159	62	138867	50.55	ug/l	100
43) Isopropyl Acetate	6.409	43	182479	50.55	ug/l	98
44) Trichloroethene	7.184	130	112503	49.14	ug/l	96
45) 1,2-Dichloropropane	7.488	63	95907	50.74	ug/l	98
46) Dibromomethane	7.635	93	72511	50.53	ug/l	97
47) Bromodichloromethane	7.872	83	146477	50.01	ug/l	98
48) Methyl methacrylate	7.744	41	91678	52.24	ug/l	95
49) 1,4-Dioxane	7.738	88	46598	1053.39	ug/l	95
51) 4-Methyl-2-Pentanone	8.622	43	616393	275.31	ug/l	98
52) Toluene	8.763	92	263436	53.77	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	148173	49.67	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	161683	50.61	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	105226	50.83	ug/l	97
56) Ethyl methacrylate	9.159	69	150033	55.90	ug/l	92
57) 1,3-Dichloropropane	9.354	76	168823	50.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	347075	247.10	ug/l	94
59) 2-Hexanone	9.470	43	465748	277.49	ug/l	98
60) Dibromochloromethane	9.561	129	120198	51.41	ug/l	99
61) 1,2-Dibromoethane	9.653	107	114539	51.87	ug/l	100
64) Tetrachloroethene	9.317	164	111350	47.49	ug/l	97
65) Chlorobenzene	10.122	112	279634	51.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	106398	51.02	ug/l	99
67) Ethyl Benzene	10.232	91	493170	54.83	ug/l	99
68) m/p-Xylenes	10.342	106	380692	109.83	ug/l	100
69) o-Xylene	10.683	106	177199	55.49	ug/l	99
70) Styrene	10.695	104	308793	56.65	ug/l	99
71) Bromoform	10.841	173	83662	49.44	ug/l #	100
73) Isopropylbenzene	11.000	105	480821	59.10	ug/l	99
74) N-amyl acetate	10.878	43	139296	48.54	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.250	83	148021	55.87	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	146593m	57.67	ug/l	
77) Bromobenzene	11.238	156	116964	53.67	ug/l	93
78) n-propylbenzene	11.341	91	521140	57.96	ug/l	98
79) 2-Chlorotoluene	11.402	91	323497	58.32	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	355532	52.16	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	51284	54.97	ug/l	96
82) 4-Chlorotoluene	11.494	91	326161	49.55	ug/l	99
83) tert-Butylbenzene	11.756	119	341428	52.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.792	105	364335	53.47	ug/l	99
85) sec-Butylbenzene	11.927	105	392121	51.32	ug/l	98
86) p-Isopropyltoluene	12.049	119	374146	52.73	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	193111	48.48	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	195771	47.94	ug/l	99
89) n-Butylbenzene	12.372	91	300530	48.95	ug/l	98
90) Hexachloroethane	12.579	117	64343	48.08	ug/l	90
91) 1,2-Dichlorobenzene	12.372	146	191822	48.77	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	29412	47.28	ug/l	87
93) 1,2,4-Trichlorobenzene	13.628	180	130597	49.81	ug/l	98
94) Hexachlorobutadiene	13.762	225	64951	48.55	ug/l	98
95) Naphthalene	13.817	128	428233	48.13	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	134942	50.61	ug/l	99

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

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