

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020852.D
 Acq On : 03 Feb 2021 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 10:32:26 AM

Quant Time: Feb 04 02:27:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	276450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	440882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	425176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	218793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	182676	48.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.90%			
35) Dibromofluoromethane	5.465	113	154884	51.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.58%			
50) Toluene-d8	8.696	98	560347	50.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.22%			
62) 4-Bromofluorobenzene	11.122	95	224055	52.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.22%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	206905	47.40	ug/l	99
3) Chloromethane	1.313	50	187376	48.18	ug/l	100
4) Vinyl Chloride	1.392	62	186128	48.01	ug/l	100
5) Bromomethane	1.624	94	87424	46.94	ug/l	95
6) Chloroethane	1.703	64	109312	49.81	ug/l	99
7) Trichlorofluoromethane	1.910	101	272067	51.73	ug/l	99
8) Diethyl Ether	2.166	74	94651	50.15	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	135645	50.52	ug/l	99
10) Methyl Iodide	2.489	142	195601	51.94	ug/l	95
11) Tert butyl alcohol	3.020	59	178862	254.09	ug/l	99
12) 1,1-Dichloroethene	2.349	96	132497	49.91	ug/l	94
13) Acrolein	2.270	56	143852	270.96	ug/l	100
14) Allyl chloride	2.703	41	233696	47.27	ug/l	95
15) Acrylonitrile	3.117	53	459146	257.70	ug/l	100
16) Acetone	2.422	43	354999	248.31	ug/l	98
17) Carbon Disulfide	2.544	76	393734	46.08	ug/l	100
18) Methyl Acetate	2.752	43	193826	53.06	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	519989	52.36	ug/l	98
20) Methylene Chloride	2.831	84	179630	49.79	ug/l	99
21) trans-1,2-Dichloroethene	3.136	96	162885	49.11	ug/l	97
22) Diisopropyl ether	3.825	45	489773	50.40	ug/l	96
23) Vinyl Acetate	3.782	43	2040621	255.23	ug/l	100
24) 1,1-Dichloroethane	3.666	63	294829	50.19	ug/l	100
25) 2-Butanone	4.635	43	552226	246.61	ug/l	97
26) 2,2-Dichloropropane	4.550	77	214103	45.42	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	185359	50.97	ug/l	97
28) Bromochloromethane	4.983	49	112606	44.72	ug/l	99
29) Tetrahydrofuran	5.087	42	367196	254.61	ug/l	98
30) Chloroform	5.172	83	311724	51.62	ug/l	99
31) Cyclohexane	5.544	56	240031	47.34	ug/l	97
32) 1,1,1-Trichloroethane	5.465	97	276910	52.10	ug/l	98
36) 1,1-Dichloropropene	5.769	75	218510	49.39	ug/l	99
37) Ethyl Acetate	4.794	43	213983	51.01	ug/l	99
38) Carbon Tetrachloride	5.751	117	246826	53.05	ug/l	98
39) Methylcyclohexane	7.440	83	244794	48.54	ug/l	98
40) Benzene	6.111	78	667176	51.19	ug/l	100

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41) Methacrylonitrile	5.001	41	118863	50.62	ug/l	99
42) 1,2-Dichloroethane	6.160	62	240671	51.78	ug/l	100
43) Isopropyl Acetate	6.409	43	330487	49.41	ug/l	100
44) Trichloroethene	7.184	130	178319	51.43	ug/l	99
45) 1,2-Dichloropropane	7.489	63	173383	51.05	ug/l	98
46) Dibromomethane	7.635	93	120104	52.68	ug/l	99
47) Bromodichloromethane	7.873	83	254024	52.74	ug/l	100
48) Methyl methacrylate	7.745	41	172241	50.98	ug/l	97
49) 1,4-Dioxane	7.714	88	90991	1148.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1128406	267.36	ug/l	100
52) Toluene	8.763	92	429886	52.46	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	254774	50.27	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	279158	51.08	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	179834	52.86	ug/l	99
56) Ethyl methacrylate	9.159	69	254654	46.95	ug/l	97
57) 1,3-Dichloropropane	9.348	76	301848	52.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	624032	265.08	ug/l	99
59) 2-Hexanone	9.470	43	861521	274.19	ug/l	100
60) Dibromochloromethane	9.561	129	205386	54.60	ug/l	99
61) 1,2-Dibromoethane	9.653	107	189603	53.85	ug/l	99
64) Tetrachloroethene	9.317	164	172610	52.95	ug/l	96
65) Chlorobenzene	10.122	112	466953	50.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	179078	52.44	ug/l	100
67) Ethyl Benzene	10.232	91	829160	51.99	ug/l	99
68) m/p-Xylenes	10.342	106	632842	106.40	ug/l	99
69) o-Xylene	10.683	106	301912	53.97	ug/l	99
70) Styrene	10.695	104	531608	55.35	ug/l	100
71) Bromoform	10.842	173	152555	55.65	ug/l #	100
73) Isopropylbenzene	11.000	105	825832	52.22	ug/l	99
74) N-amyl acetate	10.878	43	293194	44.29	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	273108	51.26	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	263667m	51.96	ug/l	
77) Bromobenzene	11.238	156	202590	50.62	ug/l	98
78) n-propylbenzene	11.341	91	927328	50.79	ug/l	100
79) 2-Chlorotoluene	11.402	91	580713	52.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	719950	53.26	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	87307	48.21	ug/l	99
82) 4-Chlorotoluene	11.494	91	669654	50.73	ug/l	99
83) tert-Butylbenzene	11.756	119	676689	51.85	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	724282	53.13	ug/l	98
85) sec-Butylbenzene	11.927	105	796390	52.79	ug/l	100
86) p-Isopropyltoluene	12.049	119	729314	52.09	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	379767	52.07	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	373082	49.26	ug/l	98
89) n-Butylbenzene	12.372	91	604424	48.20	ug/l	100
90) Hexachloroethane	12.579	117	128565	51.00	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	367161	52.24	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	58508	49.54	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	227010	49.81	ug/l	98
94) Hexachlorobutadiene	13.762	225	94294	43.90	ug/l	98
95) Naphthalene	13.817	128	791027	47.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.006	180	228382	51.46	ug/l	97

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

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 Operator : JC/SP
 Sample : VSTDC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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