

compartments (sewage water, surface water and sewage sludge) for monitoring measures.



GC-MS					LC-MS (Source: APCI)	
Substance	LOQ (est. from 0.1 ng _{abs.})	[ng/L]	PNEC [ng/L]		Substance	LOQ (est. from 1 n
Triclosan	0.	15.0	50	GC vs. LC	Triclosan	not detectable
Methyltriclosan	0.01	0.4	15		Methyltriclosan	not detectable
Irgarol/Cybutryne	0.01	0.5	2.5		Irgarol/ Cybutryne	0.3
Imazalil	0.20	7.1	200		Imazalil	0.4
Thiabendazole	0.88	45.0	1,200		Thiabendazole	not detectable
Cyproconazole	0.05	2.8	2,100		Cyproconazole	1.4
Tebuconazole	0.13	4.9	1,000		Tebuconazole	1.6
Propiconazole	0.08	2.9	6,800		Propiconazole	1.3
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Samples were analyzed for triclosan, methyltriclosan, irgarol/ cybutryne

Selected Ion Recording (SIR) chromatogram of a standard solution with concentration of 1ng/µL.



PNEC [ng/L]

50

15

2.5

200

1,200

2,100

1,000

6,800

[ng/L]

13.8

18.2

68.5

80.6

64.9

g _{abs.}/