Supplementary material:

Table S1: Sampling rates ($l.d^{-1}$) for both water velocity (0.21 and 0.46 $m.s^{-1}$) and relative standard deviation between both.

Compounds	**Rs for highest velocity ($l.d^{-1}$)**	**Rs for slowest velocity ($l.d^{-1}$)**	**RSD (%)**
CARBA	0.33 ±0.04	0.32 ±0.07	3
DIAZ	0.40 ±0.08	0.39 ±0.08	3
ALPRA	0.50 ±0.07	0.57 ±0.12	10
BROMA	0.40 ±0.10	0.40 ±0.11	1
TERBU	0.12 ±0.07	0.17 ±0.03	27
SALBU	0.01 ±0.03	0.03 ±0.01	49
CLENBU	0.36 ±0.05	0.35 ±0.07	2
NORDIAZ	0.39 ±0.08	0.43 ±0.08	7
FLUOX	0.24 ±0.07	0.19 ±0.10	18
AMI	0.41 ±0.12	0.43 ±0.10	4
IMI	0.30 ±0.07	0.30 ±0.08	1
DOX	0.41 ±0.11	0.41 ±0.12	0
PARA	2.10E-03 ±0.01	7.08E-03 ±1.19E-02	77
CAF	0.17 ±0.05	0.17 ±0.05	1
THEO	2.26E-03 ±0.01	4.38E-03 ±1.02E-02	45
ASP	1.03E-02 ±0.02	1.01E-04 ±7.52E-02	139
IBU	0.28 ±0.06	0.28 ±0.05	0
GEM	0.80 ±0.08	0.77 ±0.14	3
NAPRO	0.14 ±0.04	0.18 ±0.04	14
DICLO	0.13 ±0.04	0.19 ±0.04	25
KETO	0.14 ±0.04	0.17 ±0.04	14
BPA	0.01 ±0.01	0.02 ±0.01	17
4-NP	0.02 ±0.01	0.01 ±0.01	21
4-t-OP	0.10 ±0.03	0.11 ±0.03	2
4-NP1EC	0.31 ±0.08	0.30 ±0.06	1
4-NP1EO	9.71E-03 ±0.01	6.65E-03 ±3.62E-03	37
4-NP2EO	6.75E-03 ±0.01	2.43E-03 ±1.17E-03	66