

Accepted Manuscript

Title: Foliar Sorption of Emerging and Priority Contaminants under Controlled Conditions

Author: Diana Calderón-Preciado Víctor Matamoros Carme Biel Robert Save Josep M. Bayona



PII: S0304-3894(13)00332-4
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2013.05.016>
Reference: HAZMAT 15103

To appear in: *Journal of Hazardous Materials*

Received date: 15-2-2013
Revised date: 9-5-2013
Accepted date: 11-5-2013

Please cite this article as: D. Calderón-Preciado, V. Matamoros, C. Biel, R. Save, J.M. Bayona, Foliar Sorption of Emerging and Priority Contaminants under Controlled Conditions, *Journal of Hazardous Materials* (2013), <http://dx.doi.org/10.1016/j.jhazmat.2013.05.016>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 Foliar Sorption of Emerging and Priority
2 Contaminants under Controlled Conditions
3

Diana Calderón-Preciado^a, Víctor Matamoros^a, Carme Biel^b, Robert Save^b, and Josep
M. Bayona^{a*}

^a IDAEA-CSIC, Jordi Girona, 18. E-08034 Barcelona. Spain

^b IRTA, Environmental Horticulture-Torre Marimón, E-08140 Caldes de Montbui, Spain.

4
5
6
7
8
9
10
11
12
13
14
15
16
17 *Corresponding author: telephone: +34934006119; e-mail: josep.bayona@idaea.csic.es
18
19

20
21 Highlights

22 Foliar sorption of organic micropollutants at two relative humidities is evaluated.

23 Rinsing following an incubation period was performed to evaluate the fate of contaminants on
24 the leaf surface.

25 Neutral and basic contaminants were predominant in the leaf compartment.

26 Acidic compounds occur both in leaf tissue and rinsing water.

27 Relative humidity has a limited effect on leaf compartmentation.
28

Download English Version:

<https://daneshyari.com/en/article/6972278>

Download Persian Version:

<https://daneshyari.com/article/6972278>

[Daneshyari.com](https://daneshyari.com)