

## Publications Dr. Sara Herrero Martín

(without co-operation with the UFZ)

1. J.L. Pérez Pavón, **S. Herrero Martín**, C. García Pinto, B. Moreno Cordero (2008). Headspace-programmed temperature vaporizer-fast gas chromatography-mass spectrometry coupling for the determination of trihalomethanes in water. *Journal of Chromatography A*, 1194, 103-110.  
<http://dx.doi.org/10.1016/j.chroma.2008.04.037>
2. J.L. Pérez Pavón, **S. Herrero Martín**, C. García Pinto, B. Moreno Cordero (2008). Determination of trihalomethanes in water samples: A review. *Anal. Chim. Acta*, 629, 6-23.  
<http://dx.doi.org/10.1016/j.aca.2008.09.042>
3. J.L. Pérez Pavón, **S. Herrero Martín**, C. García Pinto, B. Moreno Cordero (2009). Programmed temperature vaporizer based method for the sensitive determination of trihalomethanes and benzene, toluene, ethylbenzene and xylenes in soils. *J. Chromatogr. A*, 1216, 6063-6070.  
<http://dx.doi.org/10.1016/j.chroma.2009.06.057>
4. T. Laitinen, **S. Herrero Martín**, J. Parshintsev, T. Hyötyläinen, K. Hartonen, M-L. Riekkola, M. Kumala, J.L. Pérez Pavón (2010). Determination of organic compounds from wood combustion aerosol nanoparticles by different gas chromatographic systems and by aerosol mass spectrometry. *J. Chromatogr. A*, 1217, 151-159.  
<http://dx.doi.org/10.1016/j.chroma.2009.11.028>
5. C. García Pinto, E. Fernández Laespada, **S. Herrero Martín**, A.M. Casas Ferreira, J.L. Pérez Pavón, B. Moreno Cordero (2010). Simplified QuEChERS approach for the extraction of chlorinated compounds from soil samples. *Talanta*, 81, 385-391.  
<http://dx.doi.org/10.1016/j.talanta.2009.12.013>
6. **S. Herrero Martín**, C. García Pinto, J.L. Pérez Pavón, B. Moreno Cordero (2010). Determination of trihalomethanes in soil matrices by simplified quick, easy, cheap, effective, rugged and safe extraction and fast gas chromatography with electron capture detection. *J. Chromatogr. A*, 1217, 4883-4889.  
<http://dx.doi.org/10.1016/j.chroma.2010.05.041>
7. C. García Pinto, **S. Herrero Martín**, J.L. Pérez Pavón, B. Moreno Cordero (2010). A simplified Quick, Easy, Cheap, Effective, Rugged and Safe approach for the determination of trihalomethanes and benzene, toluene, ethylbenzene and xylenes in soil matrices by fast gas chromatography with mass spectrometry detection. *Anal. Chim. Acta*, 689, 129-136.  
<http://dx.doi.org/10.1016/j.aca.2011.01.023>