

Accepted Manuscript

Highly sensitive and selective fluorescent sensor for tetrabromobisphenol-A in electronic waste samples using molecularly imprinted polymer coated quantum dots

Jingwen Feng, Yun Tao, Xiaoli Shen, Hua Jin, Tingting Zhou, Yusun Zhou, Liqin Hu, Dan Luo, Surong Mei, Yong-Ill Lee



PII: S0026-265X(18)30648-9
DOI: [doi:10.1016/j.microc.2018.08.041](https://doi.org/10.1016/j.microc.2018.08.041)
Reference: MICROC 3325
To appear in: *Microchemical Journal*
Received date: 27 May 2018
Revised date: 27 July 2018
Accepted date: 23 August 2018

Please cite this article as: Jingwen Feng, Yun Tao, Xiaoli Shen, Hua Jin, Tingting Zhou, Yusun Zhou, Liqin Hu, Dan Luo, Surong Mei, Yong-Ill Lee , Highly sensitive and selective fluorescent sensor for tetrabromobisphenol-A in electronic waste samples using molecularly imprinted polymer coated quantum dots. *Microc* (2018), doi:[10.1016/j.microc.2018.08.041](https://doi.org/10.1016/j.microc.2018.08.041)

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.

**Highly sensitive and selective fluorescent sensor for
tetrabromobisphenol-A in electronic waste samples using molecularly
imprinted polymer coated quantum dots**

Jingwen Feng^a, Yun Tao^a, Xiaoli Shen^a, Hua Jin^{c, d}, Tingting Zhou^b,
Yusun Zhou^b, Liqin Hu^a, Dan Luo^a, Surong Mei^{a *}, Yong-Ill Lee^c

^a *State Key Laboratory of Environment Health (Incubation), Key Laboratory of Environment and Health, Ministry of Education, Key Laboratory of Environment and Health (Wuhan), Ministry of Environmental Protection, School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, #13 Hangkong Road, Wuhan, Hubei, 430030, China*

^b *Department of Clinical Laboratory, The Affiliated Hospital of Qingdao University, Qingdao, Shandong, 266003, China*

^c *Department of Chemistry, Changwon National University, Changwon 51140, Republic of Korea*

^d *Central Laboratory, Yanbian University Hospital, Yanji, Jinlin, 133000, China*

*** Corresponding author:**

Surong Mei, **Tel.:** +86(27)-83657849, **Fax:** +86(27)-83657765

E-mail: surongmei@hust.edu.cn,

Address: School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, #13 Hangkong Road, Wuhan, 430030, Hubei, China

Download English Version:

<https://daneshyari.com/en/article/10140922>

Download Persian Version:

<https://daneshyari.com/article/10140922>

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