Accepted Manuscript

Degradation of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) by a nano zerovalent iron-activated persulfate process: the effect of metal ions

Yu Wang, Si-yuan Chen, Xin Yang, Xiong-fei Huang, Yan-hua Yang, Er-kai He, Shanquan Wang, Rong-liang Qiu

PII: S1385-8947(17)30236-X

DOI: http://dx.doi.org/10.1016/j.cej.2017.02.070

Reference: CEJ 16509

To appear in: Chemical Engineering Journal

Received Date: 16 November 2016 Revised Date: 23 January 2017 Accepted Date: 12 February 2017



Please cite this article as: Y. Wang, S-y. Chen, X. Yang, X-f. Huang, Y-h. Yang, E-k. He, S. Wang, R-l. Qiu, Degradation of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) by a nano zerovalent iron-activated persulfate process: the effect of metal ions, *Chemical Engineering Journal* (2017), doi: http://dx.doi.org/10.1016/j.cej.2017.02.070

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.

ACCEPTED MANUSCRIPT

1	Degradation of 2,2',4,4'-tetrabromodiphenyl ether (BDE-47) by a nano
2	zerovalent iron-activated persulfate process: the effect of metal ions
3	Yu Wang a,b, Si-yuan Chen b, Xin Yang a,b, Xiong-fei Huang a,b, Yan-hua Yang a,b,
4	Er-kai He ^{a,b} , Shanquan Wang ^{a,b} , Rong-liang Qiu ^{a,b *}
5	^a School of Environmental Science and Engineering, Sun Yat-sen University,
6	Guangzhou, China, 510275
7	^b Guangdong Provincial Key Laboratory of Environmental Pollution Control and
8	Remediation Technology, Guangzhou, China, 510275
9	
10	
11	
12	
13	*Corresponding author:
14	Xin Yang (<u>yangx36@mail.sysu.edu.cn</u>); Rong-liang Qiu (<u>eesqrl@mail.sysu.edu.cn</u>);
15	
16	
17	
18	
19	
20	
21	
22	

Download English Version:

https://daneshyari.com/en/article/4763237

Download Persian Version:

https://daneshyari.com/article/4763237

Daneshyari.com