## Accepted Manuscript

Title: Simultaneous cationic Cu (II)nullanionic Sb (III) removal by NH<sub>2</sub>-Fe<sub>3</sub>O<sub>4</sub>-NTA core-shell magnetic nanoparticle sorbents synthesized via a facile one-pot approach

Authors: Haotian Hao, Guifeng Liu, Yili Wang, Baoyou Shi, Kun Han, Yuan Zhuang, Yan Kong

PII: S0304-3894(18)30783-0

DOI: https://doi.org/10.1016/j.jhazmat.2018.08.096

Reference: HAZMAT 19721

To appear in: Journal of Hazardous Materials

Received date: 26-5-2018 Revised date: 29-8-2018 Accepted date: 30-8-2018

Please cite this article as: Hao H, Liu G, Wang Y, Shi B, Han K, Zhuang Y, Kong Y, Simultaneous cationic Cu (II)x2012; anionic Sb (III) removal by NH<sub>2</sub>-Fe<sub>3</sub>O<sub>4</sub>-NTA coreshell magnetic nanoparticle sorbents synthesized via a facile one-pot approach, *Journal of Hazardous Materials* (2018), https://doi.org/10.1016/j.jhazmat.2018.08.096

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

Simultaneous cationic Cu (II)—anionic Sb (III) removal by NH<sub>2</sub>-Fe<sub>3</sub>O<sub>4</sub>-NTA core-shell magnetic nanoparticle sorbents synthesized via a facile one-pot approach

Haotian Hao<sup>a</sup>, Guifeng Liu<sup>b</sup>, Yili Wang<sup>a,\*</sup>, Baoyou Shi<sup>b,c</sup>, Kun Han<sup>b</sup>, Yuan Zhuang<sup>b</sup>, Yan Kong<sup>b</sup>,

<sup>a</sup> College of Environmental Science and Engineering, Beijing Key Lab for Source Control Technology of Water Pollution, Beijing Forestry University, No. 35, Tsinghua East Rd, Beijing, 100083, China.

<sup>b</sup> Key Laboratory of Drinking Water Science and Technology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, No. 18, Shuangqing Rd, Beijing, 100085, China.

<sup>c</sup> University of Chinese Academy of Sciences, No. 19, Yuquan Rd, Beijing 100049, China.

\* Corresponding author. Tel.: +86 10 62336673; fax: +86 10 62336596. E-mail address: wangyilimail@126.com (Y. L. Wang).

Graphical abstract

## Download English Version:

## https://daneshyari.com/en/article/10151687

Download Persian Version:

https://daneshyari.com/article/10151687

<u>Daneshyari.com</u>