Accepted Manuscript

Heterogeneous Fenton-like degradation of methoxychlor in water using two different FeS@hydrotalcites(LHDs) and Fe_3O_4@LHDs catalysts prepared via an *in situ* growth method

Yan Huang, Yuxiang Yang, Xinxin Wang, Xue Yuan, Na Pi, Hongmin Yuan, Xiangnong Liu, Chaoying Ni

PII: S1385-8947(18)30257-2
DOI: https://doi.org/10.1016/j.cej.2018.02.056
Reference: CEJ 18535

To appear in: *Chemical Engineering Journal*

Received Date: 26 November 2017
Revised Date: 9 February 2018
Accepted Date: 11 February 2018

Please cite this article as: Y. Huang, Y. Yang, X. Wang, X. Yuan, N. Pi, H. Yuan, X. Liu, C. Ni, Heterogeneous Fenton-like degradation of methoxychlor in water using two different FeS@hydrotalcites(LHDs) and Fe_3O_4@LHDs catalysts prepared via an *in situ* growth method, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.02.056

Heterogeneous Fenton-like degradation of methoxychlor in water using two different FeS@hydrotalcites(LHDs) and Fe_3O_4@LHDs catalysts prepared via an *in situ* growth method

Yan Huang[a], Yuxiang Yang[a,b]*, Xinxin Wang[a], Xue Yuan[a], Na Pi[a], Hongmin Yuan[c], Xiangnong Liu[d], Chaoying Ni[b]*

[a]School of Chemistry and Molecular Engineering, East China University of Science & Technology, Shanghai 200237, China

[b]Department of Materials Science and Engineering, University of Delaware, DE 19716, USA

[c]State Key Laboratory of Inorganic Synthesis and Preparative Chemistry, Jilin University, Changchun 130012, China

[d]Analysis Test Center, Yangzhou University, Yangzhou 225009, PR China

Corresponding Authors

*[a] Tel.: 0086-21-64253294, Fax: 0086-21-64132925, Email: yxyang@ecust.edu.cn

*[b] Tel.: 001 (302) 831-6359, Fax: 001 (302) 831-4545, Email: cni@udel.edu