## Accepted Manuscript

Title: Theoretical study on the alkylation of *o*-xylene with styrene in AlCl<sub>3</sub>-ionic liquid catalytic system

Authors: Bobo Cao, Jiuyao Du, Ziping Cao, Haitao Sun, Xuejun Sun, Hui Fu

PII: \$1093-3263(17)30040-2

DOI: http://dx.doi.org/doi:10.1016/j.jmgm.2017.02.019

Reference: JMG 6861

To appear in: Journal of Molecular Graphics and Modelling

Received date: 15-1-2017 Revised date: 9-2-2017 Accepted date: 27-2-2017

Please cite this article as: Bobo Cao, Jiuyao Du, Ziping Cao, Haitao Sun, Xuejun Sun, Hui Fu, Theoretical study on the alkylation of o-xylene with styrene in AlCl3-ionic liquid catalytic system, Journal of Molecular Graphics and Modelling http://dx.doi.org/10.1016/j.jmgm.2017.02.019

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

# Theoretical study on the alkylation of *o*-xylene with styrene in AlCl<sub>3</sub>-ionic liquid catalytic system

Bobo Cao<sup>1</sup>, Jiuyao Du<sup>1</sup>, Ziping Cao<sup>1</sup>, Haitao Sun<sup>1</sup>,\*, Xuejun Sun<sup>1</sup>,\*, Hui Fu<sup>2</sup>,\*

<sup>1</sup>School of Chemistry and Chemical Engineering, Qufu Normal University, Shandong, Qufu 273165, P. R. China

<sup>2</sup>State Key laboratory of Heavy Oil Processing, College of Science, China University of Petroleum, Shandong, Qingdao 266580, P. R. China

#### **AUTHOR INFORMATION**

#### **Corresponding Authors**

\*E-mail: <a href="mailto:sunhaitao1960@126.com">sunhaitao1960@126.com</a>; <a href="mailto:sxisunxuejun@163.com">sxisunxuejun@163.com</a> and <a href="mailto:fuhui@upc.edu.cn">fuhui@upc.edu.cn</a>

#### **Authors**

E-mail: <u>qufucaobobo@163.com</u>; <u>jwyhbxr@163.com</u> and <u>caozp\_qfnu@163.com</u>

#### **Notes**

The authors declare no competing financial interest.

#### Download English Version:

# https://daneshyari.com/en/article/4953088

Download Persian Version:

https://daneshyari.com/article/4953088

<u>Daneshyari.com</u>