

Accepted Manuscript

Recovery of volatile fatty acids from water using medium-chain fatty acids and a cosolvent

Marisa A.A. Rocha, Sona Raeissi, Patrick Hage, Wilko M.A. Weggemans, Jaap van Spronsen, Cor J. Peters, Maaïke C. Kroon

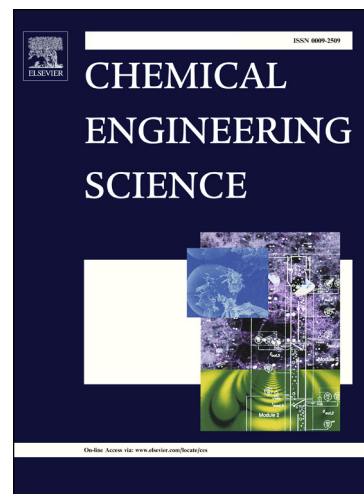
PII: S0009-2509(17)30111-2
DOI: <http://dx.doi.org/10.1016/j.ces.2017.02.014>
Reference: CES 13432

To appear in: *Chemical Engineering Science*

Received Date: 13 October 2016
Revised Date: 5 February 2017
Accepted Date: 6 February 2017

Please cite this article as: M.A.A. Rocha, S. Raeissi, P. Hage, W.M.A. Weggemans, J. van Spronsen, C.J. Peters, M.C. Kroon, Recovery of volatile fatty acids from water using medium-chain fatty acids and a cosolvent, *Chemical Engineering Science* (2017), doi: <http://dx.doi.org/10.1016/j.ces.2017.02.014>

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.



Recovery of volatile fatty acids from water using medium-chain fatty acids and a cosolvent

Marisa A. A. Rocha^{1,2,¥}, Sona Raeissi^{3*}, Patrick Hage¹, Wilko M.A. Weggemans¹,
Jaap van Spronsen¹, Cor J. Peters^{4,1}, Maaïke C. Kroon^{1,4}

¹ Eindhoven University of Technology
Department of Chemical Engineering and Chemistry
Separation Technology Group
Den Dolech 2, 5612 AZ Eindhoven, The Netherlands

² University of Bremen,
Engineering Thermodynamics,
Badgasteiner Str. 1, D-28359 Bremen, Germany

³ School of Chemical and Petroleum Engineering
Shiraz University, Mollasadra Ave., Shiraz 71348-51154, Iran
Tel: +98-711-6133707
Email: raeissi@shirazu.ac.ir
Fax: +98-7116473687

⁴ The Petroleum Institute,
Chemical Engineering Department
P.O. Box 2533, Abu Dhabi
United Arab Emirates
For publication in Chemical Engineering Science

*** corresponding author**

[¥] *Current address: NALCO Water, An Ecolab Company. Ir.G.Tjalmaweg 1, 2342 BV Oegstgeest, The Netherlands*

Download English Version:

<https://daneshyari.com/en/article/6467464>

Download Persian Version:

<https://daneshyari.com/article/6467464>

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