

## Accepted Manuscript

Liquid-liquid extraction of styrene from ethylbenzene using ionic liquids

Monika Karpińska, Urszula Domańska

PII: S0021-9614(18)30425-7  
DOI: <https://doi.org/10.1016/j.jct.2018.04.022>  
Reference: YJCHT 5399

To appear in: *J. Chem. Thermodynamics*

Received Date: 7 March 2018  
Revised Date: 19 April 2018  
Accepted Date: 27 April 2018



Please cite this article as: M. Karpińska, U. Domańska, Liquid-liquid extraction of styrene from ethylbenzene using ionic liquids, *J. Chem. Thermodynamics* (2018), doi: <https://doi.org/10.1016/j.jct.2018.04.022>

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.

**J. Chem. Thermodyn.**

## Liquid-liquid extraction of styrene from ethylbenzene using ionic liquids

Monika Karpińska<sup>a</sup>, Urszula Domańska<sup>b,c,\*</sup>

<sup>a</sup>*Department of Physical Chemistry, Faculty of Chemistry, Warsaw University of Technology,  
Noakowskiego 3, 00-664 Warsaw, Poland*

<sup>b</sup>*Industrial Chemistry Research Institute, Rydygiera 8, 01-793 Warsaw, Poland.*

<sup>c</sup>*Thermodynamic Research Unit, School of Engineering, University of KwaZulu-Natal, Howard College  
Campus, King George V Avenue, Durban 4041, South Africa*

Received: 7 March 2018

**Keywords:** Ionic liquids · Separation ethylbenzene/styrene · Ternary (liquid-liquid) phase diagrams ·  
Selectivity · Solute distribution ratio · NRTL Correlation

\*Corresponding Author: E-mail address: [ula@ch.pw.edu.pl](mailto:ula@ch.pw.edu.pl).

Download English Version:

<https://daneshyari.com/en/article/6659685>

Download Persian Version:

<https://daneshyari.com/article/6659685>

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