

Accepted Manuscript

Estimation of MOSCED parameters from the COSMO-SAC database

Marshall Gnap, J. Richard Elliott

PII: S0378-3812(18)30040-2

DOI: [10.1016/j.fluid.2018.01.032](https://doi.org/10.1016/j.fluid.2018.01.032)

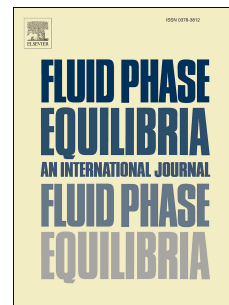
Reference: FLUID 11743

To appear in: *Fluid Phase Equilibria*

Received Date: 8 September 2017

Revised Date: 11 December 2017

Accepted Date: 28 January 2018



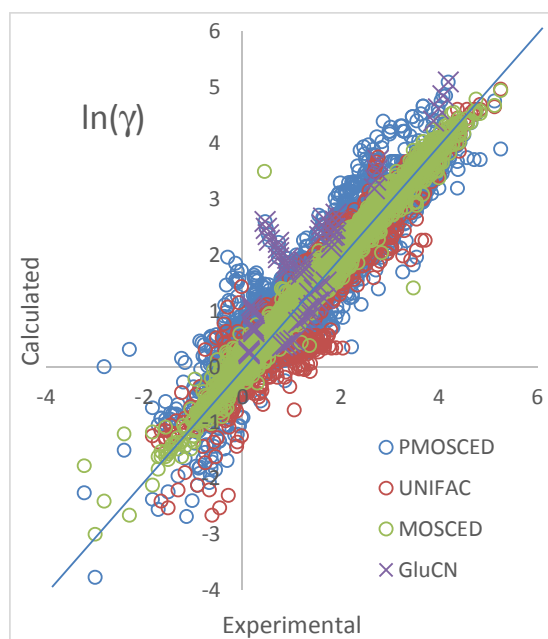
Please cite this article as: M. Gnap, J.R. Elliott, Estimation of MOSCED parameters from the COSMO-SAC database, *Fluid Phase Equilibria* (2018), doi: 10.1016/j.fluid.2018.01.032.

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.

Estimation of MOSCED Parameters from the COSMO-SAC Database

Marshall Gnap and J. Richard Elliott*(jelliott@uakron.edu)

Chemical Engineering Dept., The University of Akron, Akron, OH 44325-3906



Graphical Abstract. Natural log of infinite dilution activity coefficient for UNIFAC, PMOSCED, and original MOSCED versus 4368 experimentally measured infinite dilution activity coefficients. Values of PMOSCED for glutaronitrile (GluCN) are highlighted to show how deviations for a few compounds dominate the AAD (defined in Eqn. 8).

Download English Version:

<https://daneshyari.com/en/article/6619156>

Download Persian Version:

<https://daneshyari.com/article/6619156>

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