## Accepted Manuscript

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PII: S0021-9614(16)30406-2

DOI: http://dx.doi.org/10.1016/j.jct.2016.12.009

Reference: YJCHT 4920

To appear in: J. Chem. Thermodynamics

Received Date: 25 May 2016
Revised Date: 8 December 2016
Accepted Date: 15 December 2016



Please cite this article as: M. Moosavi, F. Khashei, A. Sharifi, M. Mirzaei, The effects of temperature and alkyl chain length on the density and surface tension of the imidazolium-based geminal dicationic ionic liquids, *J. Chem. Thermodynamics* (2016), doi: http://dx.doi.org/10.1016/j.jct.2016.12.009

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## **ACCEPTED MANUSCRIPT**

# The effects of temperature and alkyl chain length on the density and surface tension of the imidazolium-based geminal dicationic ionic liquids

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