## Comparison of hydrophilic and hydrophobic deep eutectic solvents for pretreatment determination of sulfonamides from aqueous environments

## Yuxin Ma, Qi Wang and Tao Zhu\*

Tianjin Key Laboratory of Organic Solar Cells and Photochemical Conversion, School of Chemistry and Chemical Engineering, Tianjin University of Technology, Tianjin 300384, China

**Supporting Information** 

<sup>\*</sup> Address correspondence to Tao Zhu, Tianjin Key Laboratory of Organic Solar Cells and Photochemical Conversion, School of Chemistry and Chemical Engineering, Tianjin University of Technology, Tianjin 300384, China. E-mail: zhutao@tjut.edu.cn

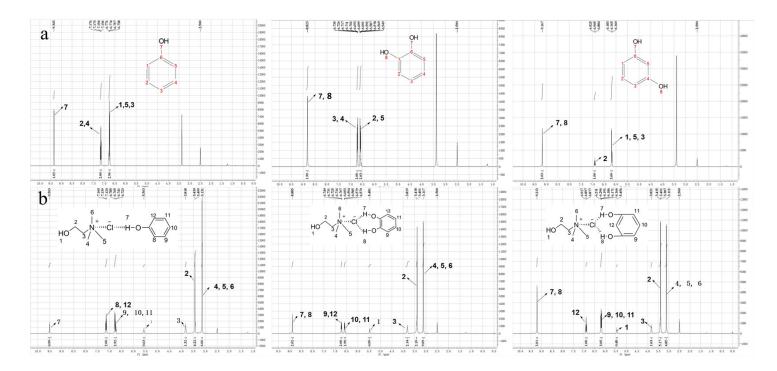


Fig. S1 <sup>1</sup>H NMR of HBD and corresponding DESs ((a) HBD of phenol, pyrocatechol and resorcinol; (b) DESs of ChCl-Ph, ChCl-Py and ChCl-Re)

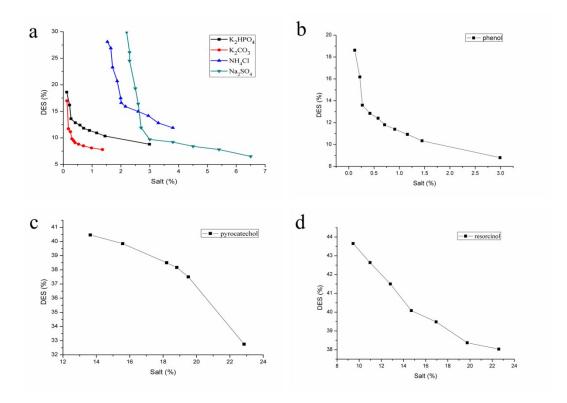


Fig. S2 Phase diagrams of ATPSs at room temperature ((a) ATPSs composed of ChCl-Ph and various salts; (b) ATPSs composed of  $K_2$ HPO<sub>4</sub> and ChCl-Ph; (c) ATPSs composed of  $K_2$ HPO<sub>4</sub> and ChCl-Py; (d) ATPSs composed of  $K_2$ HPO<sub>4</sub> and ChCl-Py; (d) ATPSs composed of  $K_2$ HPO<sub>4</sub> and ChCl-Re)