

SnCl₄-Catalyzed Isomerization/Dehydration of Xylose and Glucose to Furanics in Water

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Supplemental Information

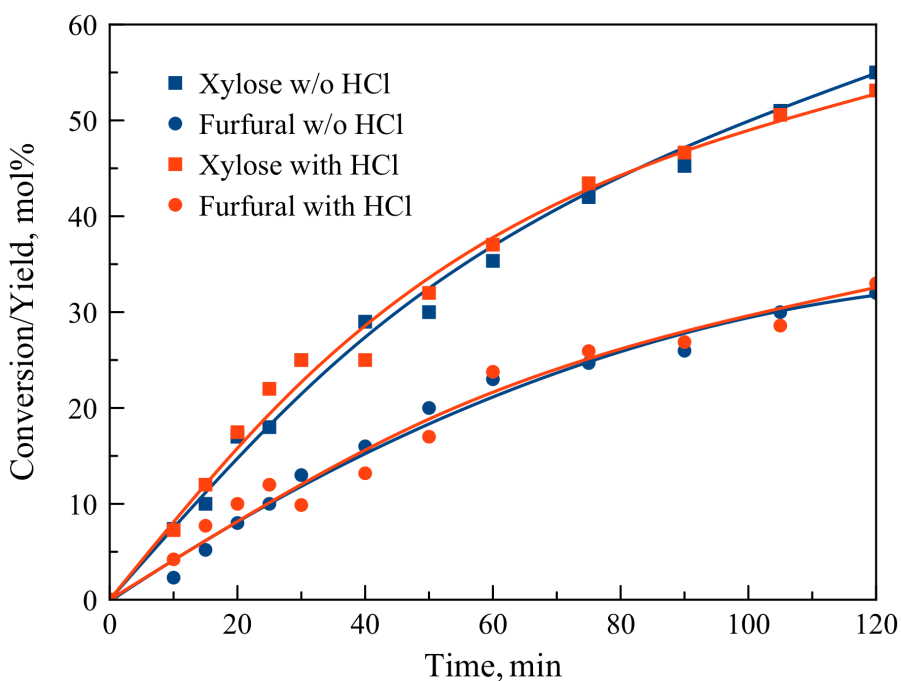
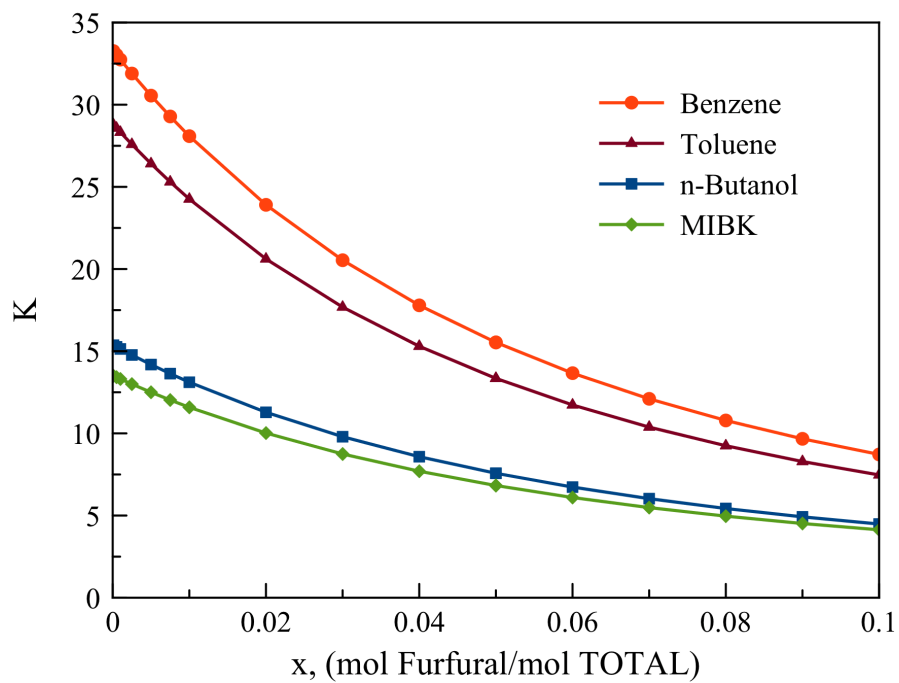


Figure S1. The conversion of xylose (750 mM) and the yield of furfural at 140 °C catalyzed by 25 mM SnCl₄ in a single aqueous phase with and without 50 mM HCl.

A.



B.

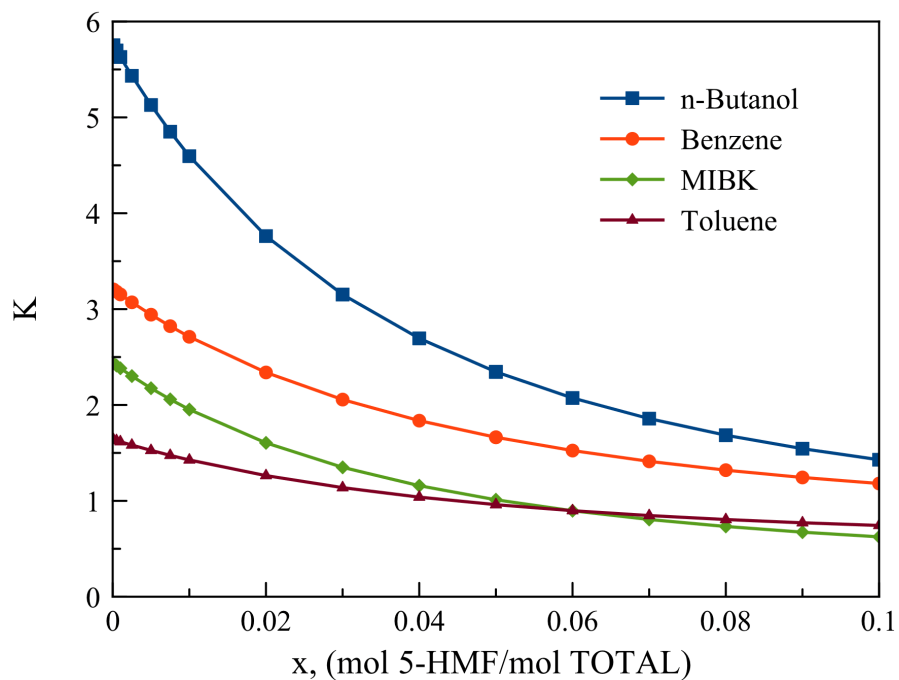


Figure S2. The partition coefficients for **A)** furfural and **B)** 5-HMF between water and the organic solvents benzene, toluene, *n*-butanol, and MIBK determined using UNIFAC.