

Supporting Information for:

**Interplay of Confinement and Surface Energetics in the Interaction of Water with a
Metal-Organic Framework**

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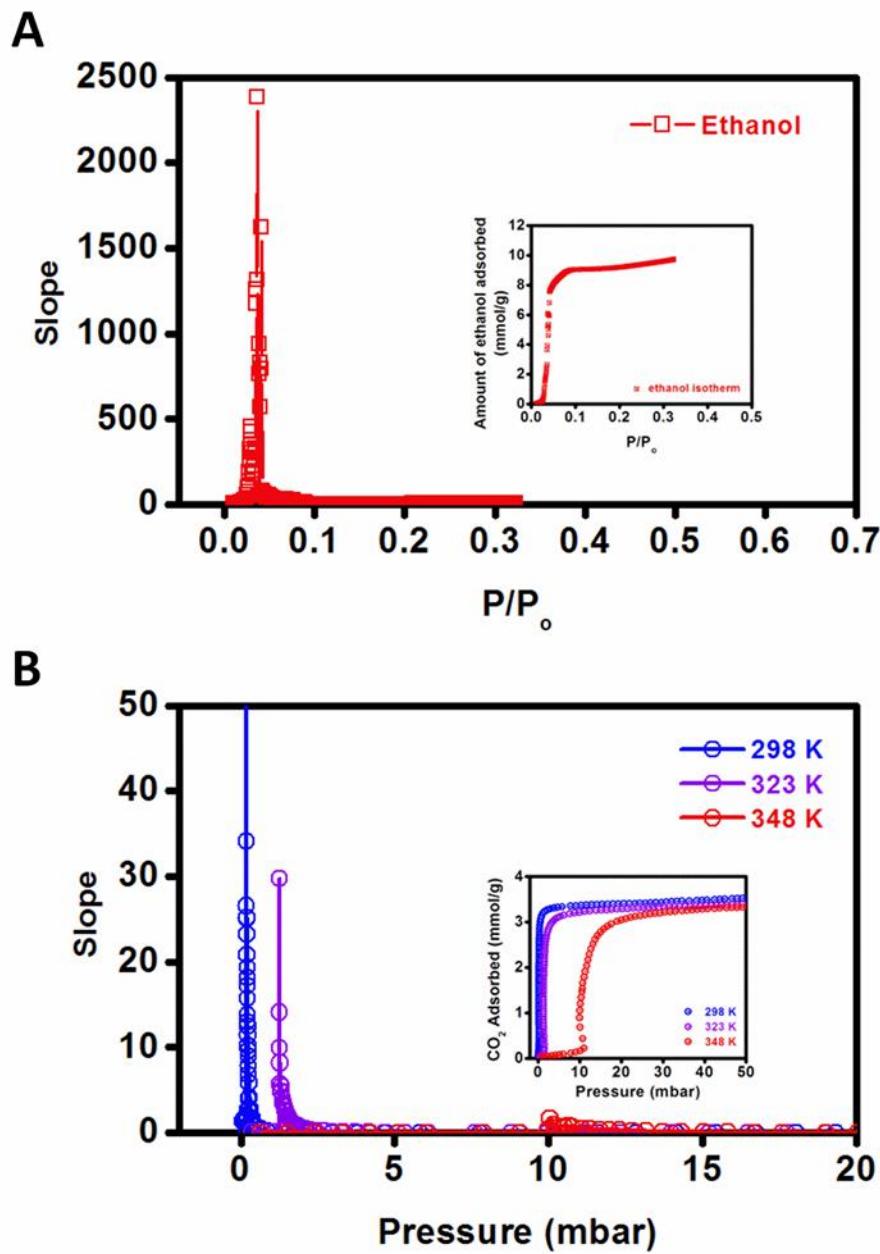


Figure S1. Calculated slope curve of A) ethanol adsorption isotherm on HKUST-1 at 25 °C, B) CO₂ adsorption isotherm on mmem-Mg₂dobpdc at 25, 50 and 75 °C¹.

References

- (1) Wu, D.; McDonald, T. M.; Quan, Z.; Ushakov, S. V.; Zhang, P.; Long, J. R.; Navrotsky, A. Thermodynamic Complexity of Carbon Capture in Alkylamine-Functionalized Metal-Organic Frameworks. *J Mater Chem A* **2015**, *3*, 4248.

Complete author list of reference 7 in the main text

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