Supporting Information

Confinement and diffusion of small molecules in a molecular-scale tunnel

Kanchan Suklal Chavan & Scott Calabrese Barton, Dept. of Chemical Engineering & Materials Science, Michigan State University, East Lansing MI 48824

**Figure S1.** a) violin plot of radial distance of SWCNT wall and water inside the SWCNT. Shaded region is a probability density function of the radial distances. b) distance between SWCNT wall and water inside the SWCNT at different carbon nanotube diameters.

**Figure S2.** Figure S12 Normalized radial distribution function for SPCE and TIP3P models. a) d =1.08 nm b) d= 2.06 nm