Supplementary Information (SI) for RSC Applied Interfaces. This journal is © The Royal Society of Chemistry 2024 volume adsorbed (a.u.) 30TiO₂-BEA S1 20TiO₂-BEA S1 H-BEA 0.2 0.3 0.5 0.0 0.1 0.4 0.6 0.7 8.0 0.9 1.0 Relative pressure (P/P_0)