Supporting Information for

Centrifugation-free and high yield synthesis of nanosized H-ZSM-5 and its structure-guided aromatization of methanol to 1, 2, 4-trimethylbenzene

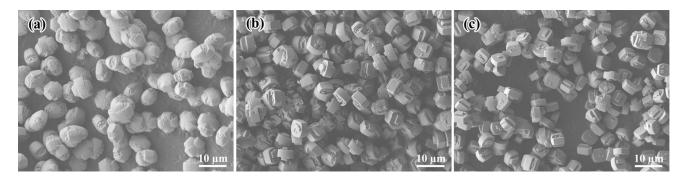
Kui Shenab, Weizhong Qiana, Ning Wanga, Chang Sua, and Fei Weia

^aBeijing Key Laboratory of Green Chemical Reaction Engineering and Technology, Department of Chemical

B Engineering, Tsinghua University, Beijing 100084, PR China.

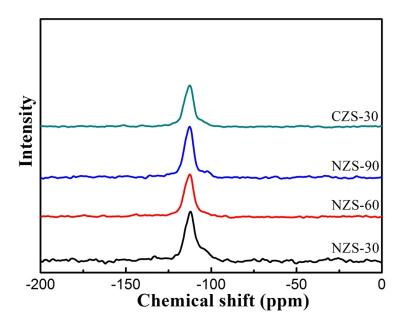
^bSchool of Chemistry and Chemical Engineering, South China University of Technology, Guangzhou 510640, P.R.China.

Figure S1 SEM image of the TEM images of the gel after pre-aging, which is composed by ZSM-5 nuclei and a lot of unreacted amorphous silica.



2 Figure S2 SEM image of the (a) CZS-30, (b) CZS-60 and (c) CZS-90, which demonstrate the conventional ZSM-5 is

3 in micron level.



2 Figure S3 ²⁹Si NMR spectra of NZS-30, NZS-60, NZS-90 and CZS-30. The shoulder peak at -104 ppm indicates

3 successful incorporation of aluminum atoms into the nanosized ZSM-5 framework.