1 **Figure 1S.** Thermogravimetry (left) and derivative thermogravimetry (right) in dry air atmosphere

- of sulfathiazole (ST), sulfapyridine (SP), sulfamerazine (SMZ), sulfadimethoxine (SDM), and
- 3 sulfadoxine (SDX) pure and adsorbed into zeolite HSZ-Y at maximal adsorption capacity. The
- 4 values reported are referred to the weight loss from 200 to 800 °C.

