Electronic Supplementary Information for

Combination of Solid Phase Extraction and Surface-enhanced Raman Spectroscopy for Rapid Analysis

Yongchao Lai, Jingcheng Cui, Xiaohong Jiang, Sha Zhu and Jinhua Zhan

Key Laboratory for Colloid & Interface Chemistry of Education Ministry, Department of Chemistry, Shandong University, Jinan 250100 China

jhzhan@sdu.edu.cn

1. The experimental set-up

2. The list of abbreviation

SERS: Surface-enhanced Raman spectroscopy
SPE: Solid phase extraction
SMA: SubMiniature version A
FFT: Full frame transfer
CCD: Charge-coupled device
SEM: Scanning electron microscope
PEEK: Polyether ether ketone
3. SERS spectra of a single cycle and the corresponding background-corrected spectrum.
4. The intensity changes of Fig 6 at 897 cm$^{-1}$