Electronic Supplementary Information for *New Journal of Chemistry*:

**Ultrasensitive sensing tris (2, 3-dibromopropyl) isocyanurate based on the synergistic effect of amino and hydroxyl groups of molecularly imprinted poly (ο-aminophenol) film**

Xiuling Ma, a Jiaxiang Liu, a Dan Wu, a Lihua Wang, a* Zhangjing Zhang a and Shengchang Xiang a, b*

*a College of Chemistry and Chemical Engineering, Fujian Provincial Key Laboratory of Polymer Materials, Fujian Normal University, Fuzhou, Fujian, 350007, China.

b College of Life and Environmental Sciences, Minzu University of China, Beijing 100081, China.

E-mail: scxiang@fjnu.edu.cn, lhwang@fjnu.edu.cn
Figure S1. CV of different electrodes (a: MIP sensor; b: NIP sensor; inset: bared electrode)

Figure S2. CV of the imprinted OAP sensor in K$_3$[Fe(CN)$_6$] solution at different scanning speeds (from inside to outside: 20, 50, 75, 100, 150, 200, 250 mV/s; inset shows the linear relation of $I_-$ vs $v^{1/2}$)
Figure S3. SEM photographs (a): MIP sensor before elution, (b): MIP sensor after elution using aniline as functional monomer.

Figure S4. The linear relation of $\Delta I \sim C_{\text{melamine}}$