The acute toxicity evolution during ozonation of mono-chlorophenols and initial identification of high toxic intermediates

Supporting information

Dehua Ma¹, Jianjian Wei¹, Hongbo Zhang¹, Yukun Zhou¹, Jinyou Shen¹, Lianjun Wang¹,*, Peng Zhang²,*

1. Key Laboratory of New Membrane Materials, Ministry of Industry and Information Technology; School of Environmental and Biological Engineering, Nanjing University of Science & Technology, Nanjing 210094, China
2. Transportation Institute of JSTI Group, Nanjing 211112, China

Corresponding author:
wanglj@njust.edu.cn (Lianjun Wang),
zp298@jsti.com (Peng Zhang)
Fig. 1S Biplot for first two principal components of acute toxicity and other physiochemical parameters during the ozonation of 2-CP at different pH. The arrowhead lines intersecting at (0,0) represent the selected variables. Dots with black squares represent the ozonated samples.
Fig. 2S Principal component analysis of acute toxicity with other physiochemical parameters during the ozonation of 3-CP at different pH.
Fig. 3S Principal component analysis of acute toxicity with other physicochemical parameters during the ozonation of 4-CP at different pH.
Fig. 4S Chromatogram of fractions HLB_3 min, HLB_4 min, WAX_4 min of 3-CP by LC-MS

Fig. 5S Chromatogram of fractions HLB_3 min, HLB_4 min, WAX_4 min of 4-CP and mass spectrum of HLB_4 min at 19.944 min by LC-MS