Journal: JAAS

Paper: C3JA30266K-Proof checking

Electronic supplementary information

Figure captions:

Fig. S1 Effect of non-ionic surfactants such as Triton X-114 and NP-40 on the ionic liquid assisted cloud point extration recovey (%) of phosphours in presnece of 1% v/v H_2SO_4, 0.07% m/v ammonium molybdate and 0.04% m/v ionic liquid. The error bars indiate the relative standard deviation at each measnuremnt (n=4).

Fig. S2 Effect of acid concentractions on the recovery (%) of phosphours in presnece of 0.07% m/v ammonium molybdate, 0.04% m/v ionic liquid and 0.5% m/v Triton X-114. The error bars indiate the relative standard deviation at each measnuremnt (n=4).

Fig. S3 Effect of ammonium molybdate concentraction on the recovery (%) of phosphours in presnece of 1% v/v H_2SO_4, 0.04% m/v ionic liquid and 0.5% m/v Triton X-114. The error bars indiate the relative standard deviation at each measnuremnt (n=4).

Fig. S4 Effect of extracton temperature on the recovry and pre-concentraction factor (PCF) of phosphours in the proposed procedure. PCF is the ratio of the analyte concentration in the final surfactant-rich phase to that of the initial aqueous phase.

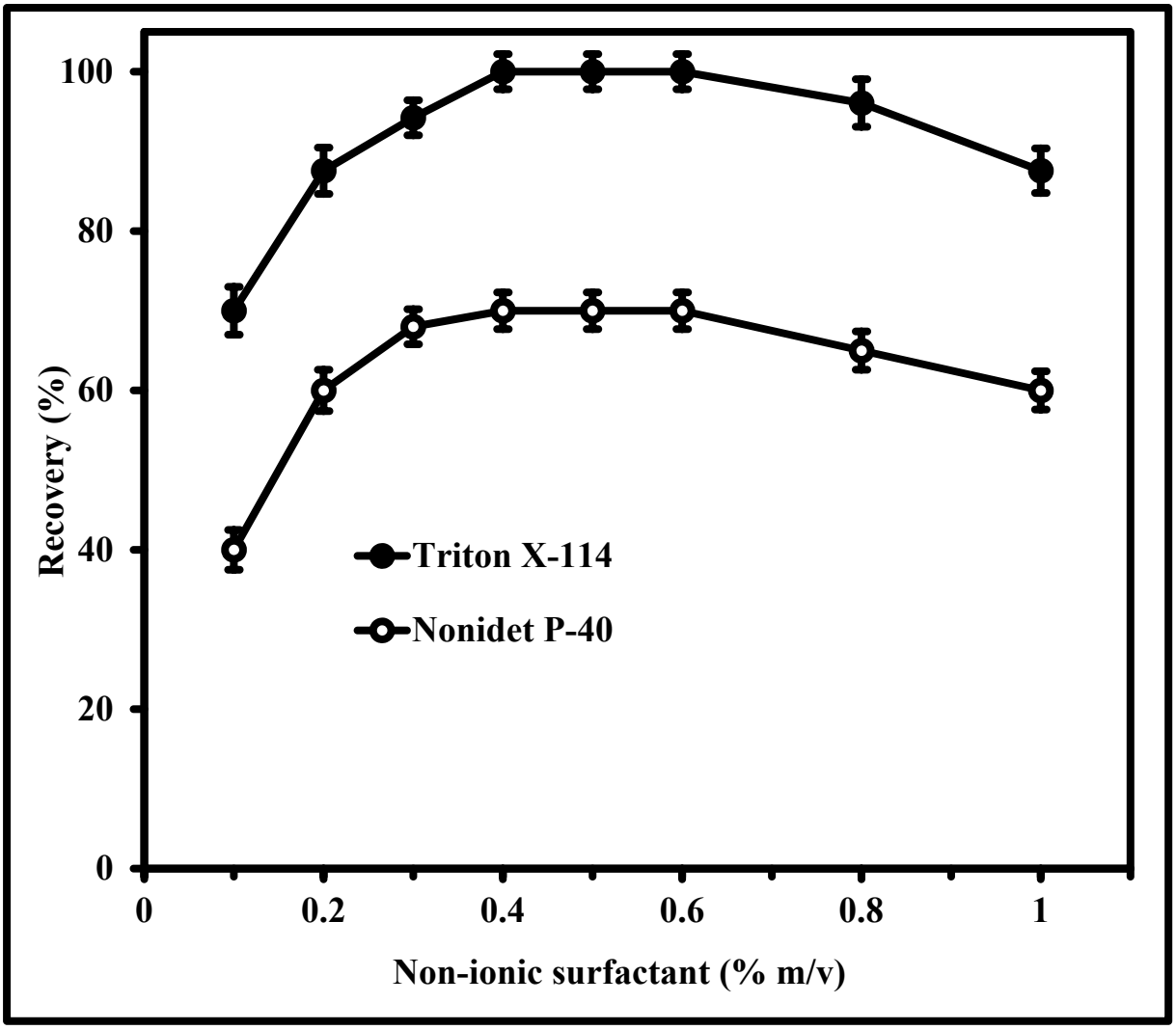

Fig. S1

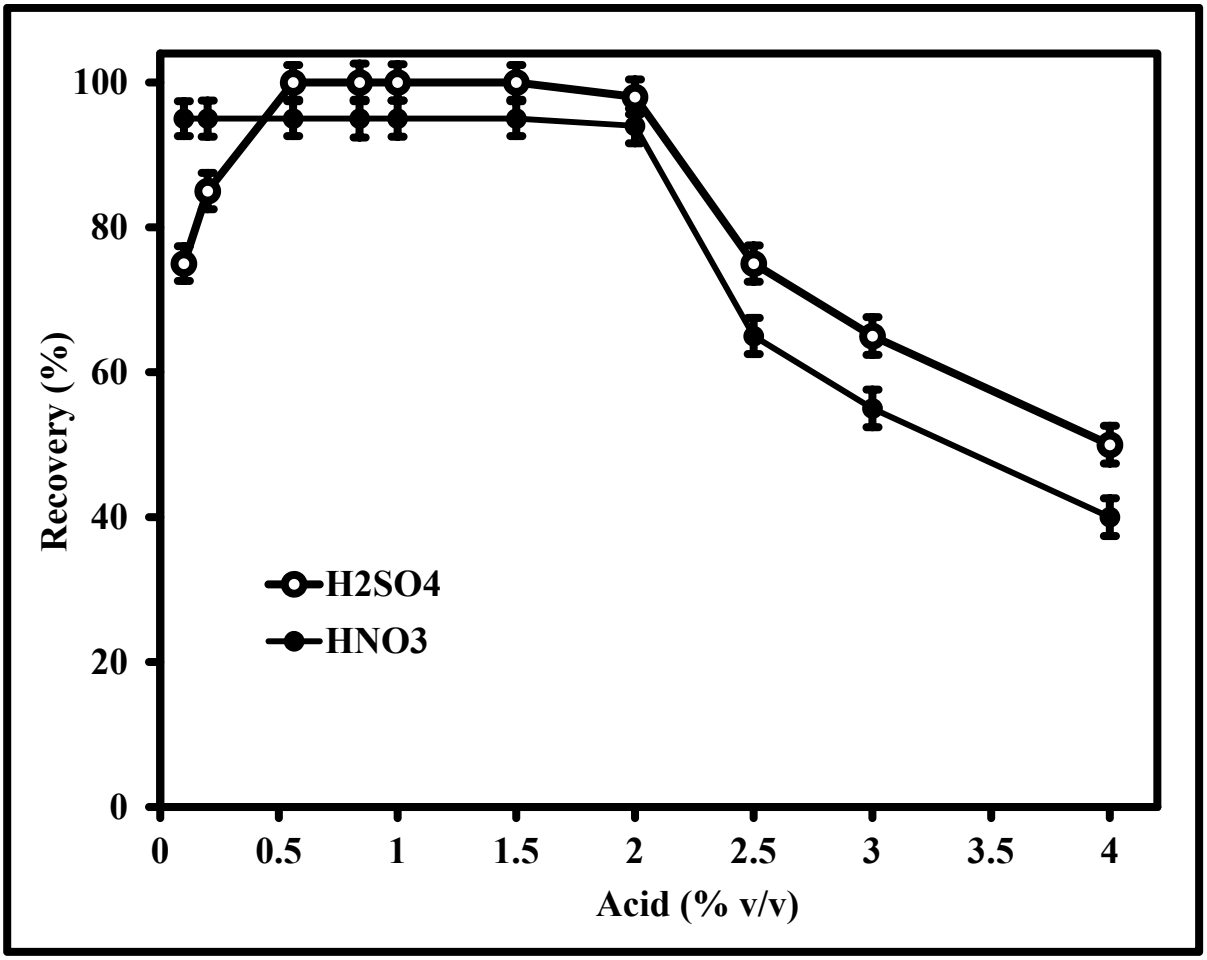

Fig. S2

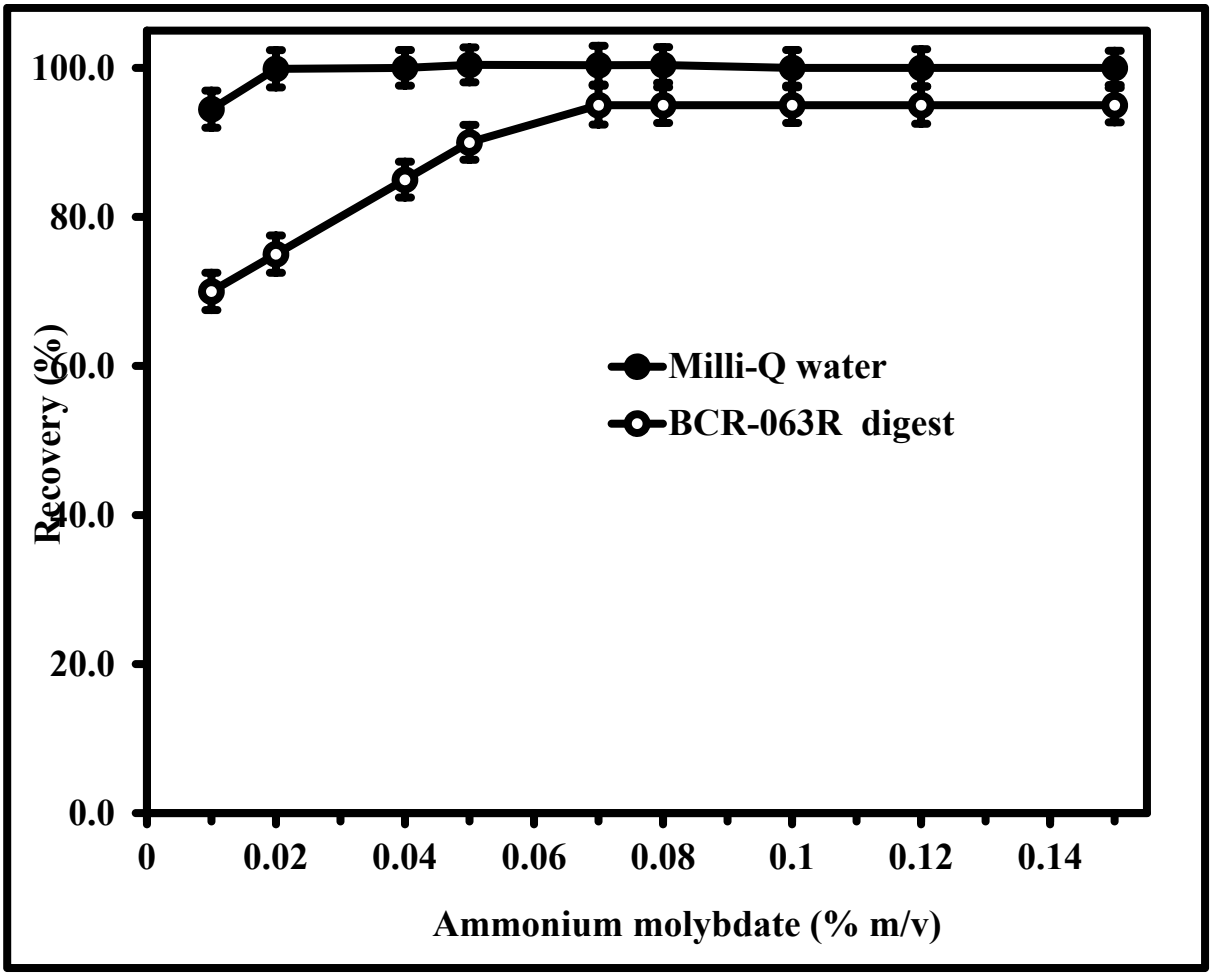

Fig. S3

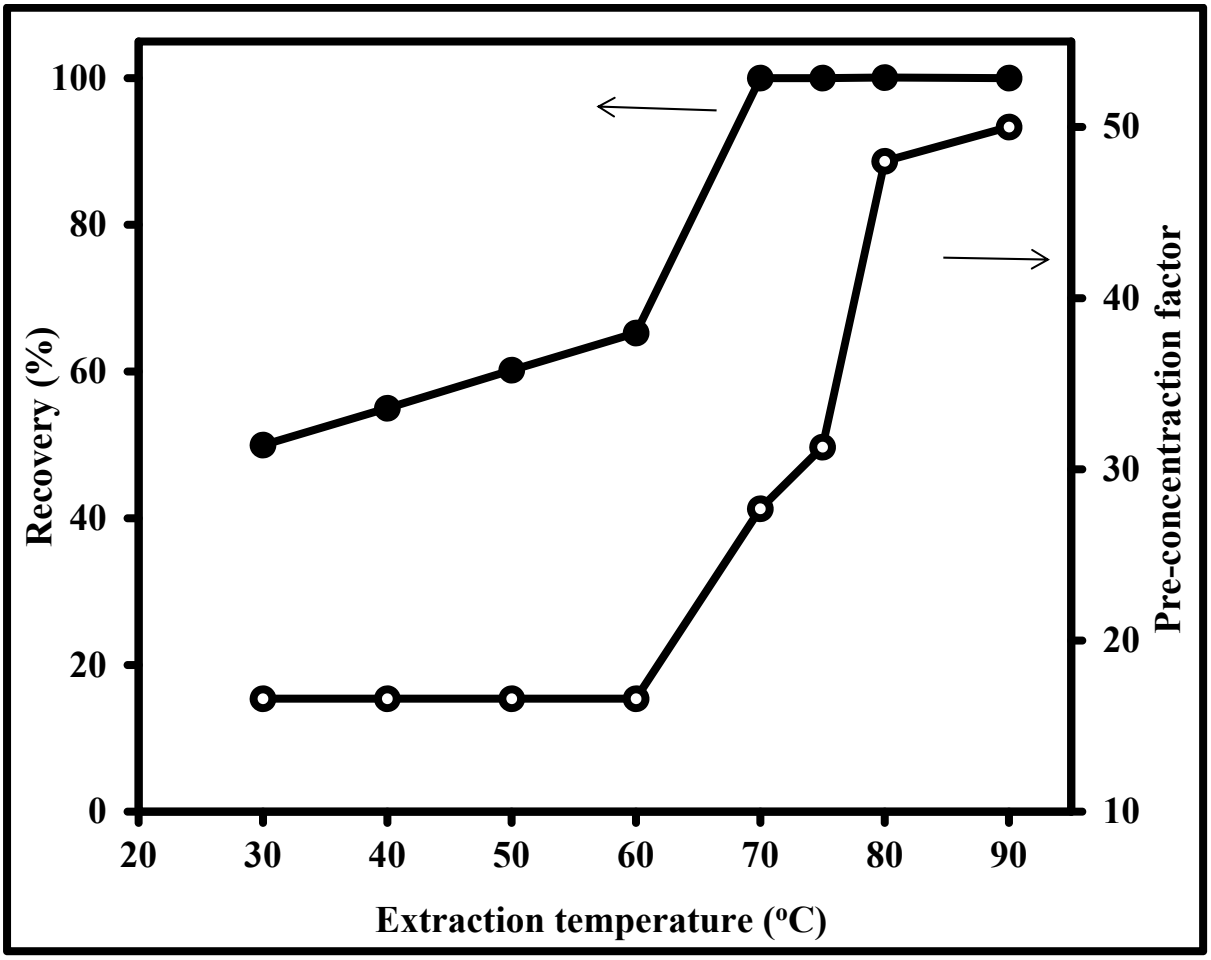

Fig. S4