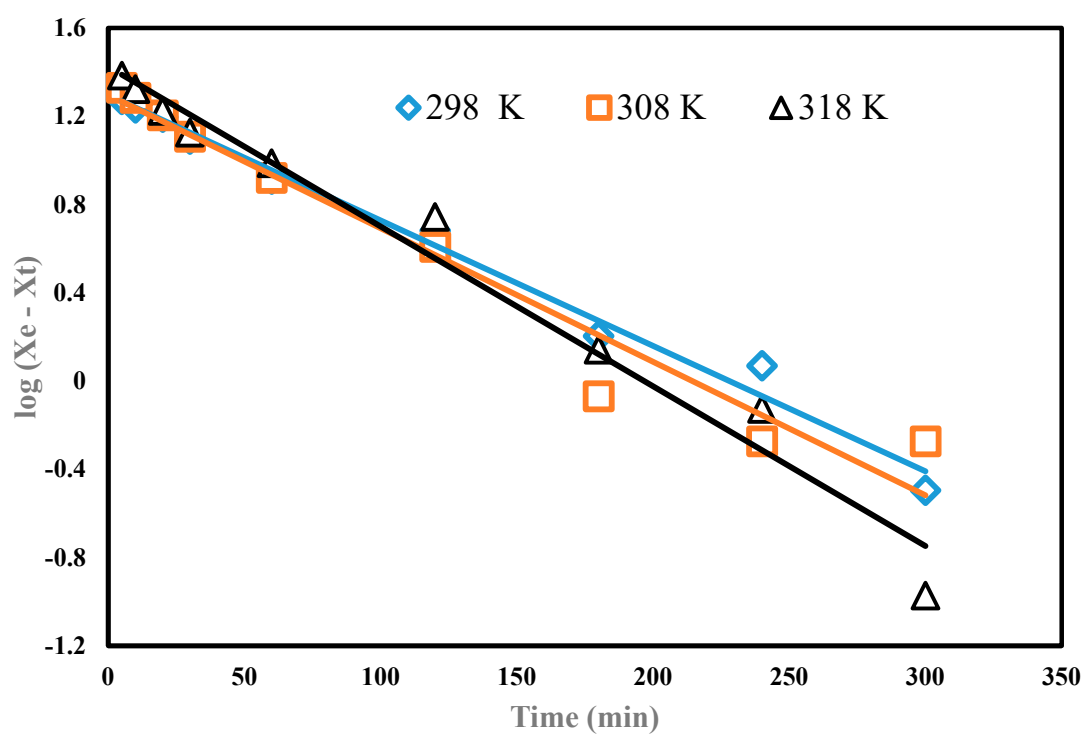


## Supplementary files

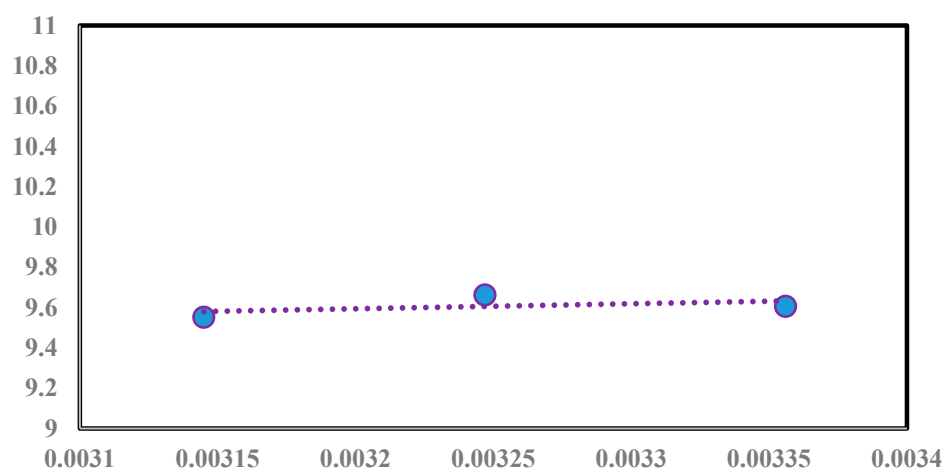
**Figures S1** Pseudo first order kinetics model of arsenate adsorption on MgO-IBC composites

**Figures S2** Arrhenius plot of arsenate adsorption on MgO-IBC composites at pH 5

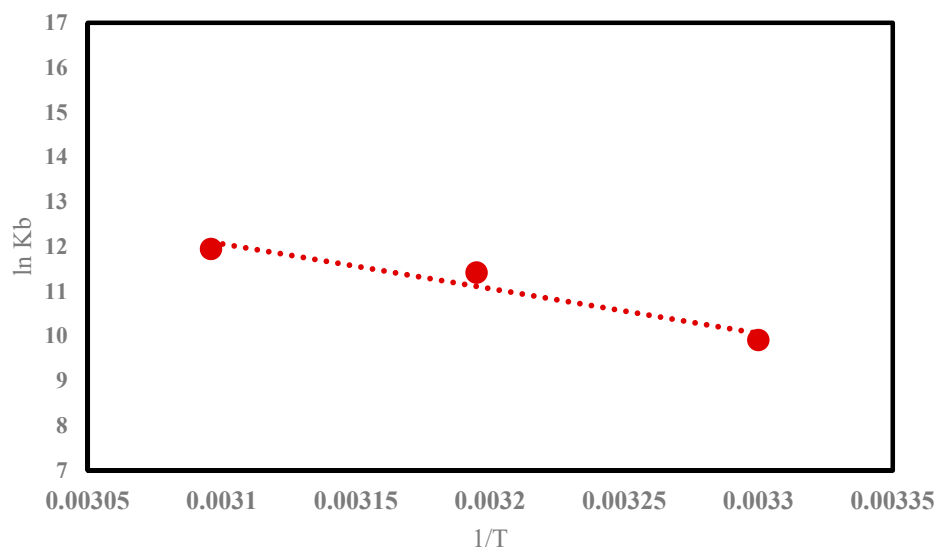
**Figures S3** Vant Hoff's plot for arsenate adsorption on MgO-IBC composites



**Figures S1** Pseudo first order kinetics model of arsenate adsorption on MgO-IBC composites



**Figures S2** Arrhenius plot of arsenate adsorption on MgO-IBC composites at pH 5



**Figures S3** Vant Hoff's plot for arsenate adsorption on MgO-IBC composites