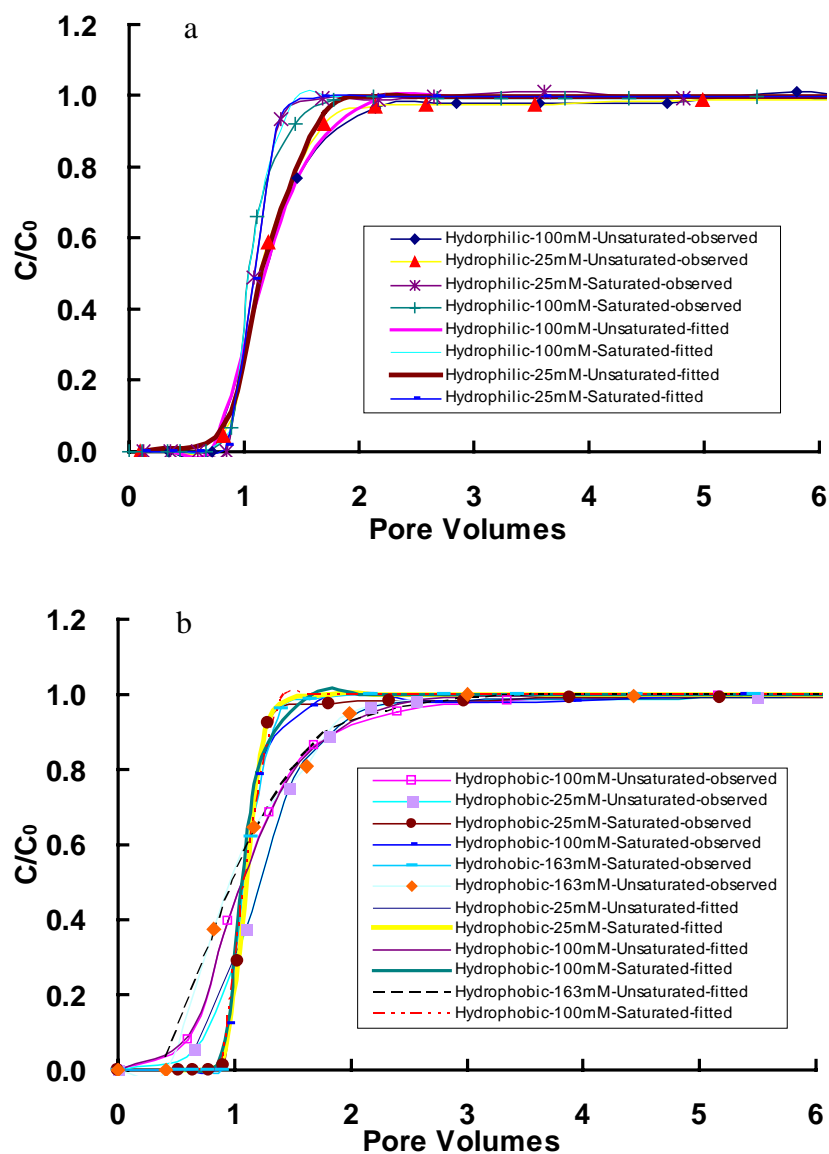


Table S1 lists the detailed information on ionic strength and composition of the phosphate buffer solution (PBS).

**Table S1.** Composition and ionic strength of bulk solution

Solution Ionic Strength (M)	Composition	Amount (mM)
0.025	Na <sub>2</sub> HPO <sub>4</sub>	3.07
	NaCl	15.34
	KCl	0.46
0.100	Na <sub>2</sub> HPO <sub>4</sub>	12.27
	NaCl	61.35
	KCl	1.84
0.163	Na <sub>2</sub> HPO <sub>4</sub>	20
	NaCl	100
	KCl	3

The pH values for all solutions were adjusted to 7.5 after autoclaving and deaeration.



**Figure S1.** Bromide ( $\text{Br}^-$ ) breakthrough curves from columns packed with a) hydrophilic beads; b) mixed beads.