Supplementary file

Construction of a new membrane bed biofilm reactor and Yttria-stabilized zirconia for removing heavy metal pollutants

Table 1S

Response   1   RE

ANOVA for Response Surface Quadratic Model

Analysis of variance table [Partial sum of squares - Type III]

Source	Sum of Squares	df	Mean Square	F Value	p-value Prob > F	
Model	7714.72	5	1542.94	32.88	0.0001	significant
A-pH	7489.79	1	7489.79	159.60	< 0.0001	
B-Contact time	44.85	1	44.85	0.96	0.3609	
AB	56.25	1	56.25	1.20	0.3098	
A^2	239.96	1	239.96	5.11	0.0582	
B^2	119.10	1	119.10	2.54	0.1552	
Residual	328.51	7	46.93			
Lack of Fit	328.51	3	109.50			
Pure Error	0.000	4	0.000			
Cor Total	8043.23	12				