Supporting Information

Copolymer-Templated Synthesis of Nitrogen-Doped Mesoporous Carbons for Enhanced Adsorption of Hexavalent Chromium and Uranium

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Table S1. Composition of the simulated U(VI)-containing waste water.

Coexistent ions	Metal salts	Concentration (mg/L)
K(I)	KCl	307.5
Co(II)	$CoCl_2 \cdot 6H_2O$	122.7
Ni(II)	$Ni(NO_3)_2 \cdot 6H_2O$	128.2
Zn(II)	$ZnCl_2$	125.3
Sr(II)	$SrCl_2 \cdot 6H_2O$	209.5
La(III)	$LaCl_3 \cdot nH_2O$	250.5
Cr(III)	$CrCl_3 \cdot 6H_2O$	97.4
U(VI)	$UO_2(NO_3)_2$	412.8

Table S2. NMR and GPC characterization results for synthesis pf PAN-Br[a].

Samples	Conversion	$M_{n,theory}$	M_n	M_w	M_w/M_n
0 h	0	/	/	/	/
1 h	10.3%	1226	1671	2314	1.38
2 h	24.0%	2685	3035	3800	1.25
3 h	31.1%	3436	4068	5104	1.25
3.5 h	36.2%	3971	4589	5710	1.24
4 h	40.8%	4459	5021	6214	1.24

[a] Experimental conditions: [AN]/[BPN]/[$CuBr_2$]/[TPMA] = 200/1/0.01/0.03, Cu wire (10 cm × 1 mm); V^0_{AN} = 30 mL, AN/DMSO = 1/1.25 (v/v), rt.