Supporting Information

Sorption of Perfluorochemicals (PFCs) to Granular Activated Carbon (GAC) in the Presence of Ultrasound

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Submitted to Journal of Physical Chemistry

December 2010

Supporting Tables

Table S1. Aqueous composition of landfill groundwater prior to spiking with PFCs for adsorption experiments. Analysis completed by Pace Analytical.

Landfill Groundwater	
рН	7.3
Temperature (°C)	10-15 ℃
PFOA (ppb)	65 ppb
PFOS (ppb)	30 ppb
PFBA (ppb)	7 ppb
dissolved Oxygen	2 mg/L
Ammonia (NH ₃)	200-600 μg/L
Sulfate (SO ₄ -)	4-30 mg/L
Sulfide (S ²⁻)	200-500 μg/L
$Iron_{(s)}$	30 mg/L
$Iron_{(aq)}$	15-60 mg/L
$Mn_{(s)}$	2 mg/L
$\mathrm{Mn}_{\mathrm{(aq)}}$	0.5-1.6 mg/L
TOC	5-20 mg/L
Acetone	7.2 μg/L
Diisopropyl ether	3.5 μg/L
2-butanone	3.4 μg/L
sec-butyl alcohol	0.9 μg/L
4-methyl-2-pentanone	0.5 μg/L
toluene	0.07 μg/L
benzene	0.03 μg/L