Supporting Information

Phosphonium nitrate ionic liquid catalysed electrophilic aromatic oxychlorination

Marco Noè, Alvise Perosa,* Maurizio Selva, Luca Zambelli

Table of Contents:

S2 Pictures of a representative experimental set up
S3 Anisole chlorination GC/MS data
S4 Anisole dichlorination GS/MS data
S5 p-Xylene dichlorination GC/MS data
S7 Isolated dichlo-p-Xylenes NMR spectrum
Representative experimental set up

Figure S1 Reaction mixture before reaction.
Upper layer: $\text{P}_{8,8,8,1}\text{NO}_3 + \text{Anisole}$;
Lower layer: aqueous HCl

Figure S2 Brown fumes evolving at the beginning of reaction

Figure S3 After reaction completion
Anisole chlorination GC/MS data
Anisole dichlorination GC/MS data
$p$-xylene dichlorination GC/MS data
Isolated dichlo-\textit{p}-Xylenes \textsuperscript{1}H-NMR spectrum in CDCl\textsubscript{3}