Supplementary Information

for

Unlocking the Detoxification of Phenanthrene from Water Using Alkali Activated Slag Mortar

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Table S1. GC-MS data for determination of HOCs and their concentrations in water

Analyte	Retention time (min)	Target and qualifier ion	Initial conc.(mg/L)	Final conc. (μg/L)
Naphthalene	15.53	128, 129	0.045	0.003
Phenanthrene	18.83	176, 179	0.051	0.0025
Pyrene	21.71	202, 203	0.045	0.0026
Diisobutyl phthalate	20.11	149, 223	0.055	0.0220
Di-n-butyl phthalate	23.27	149, 150	0.059	0.0280

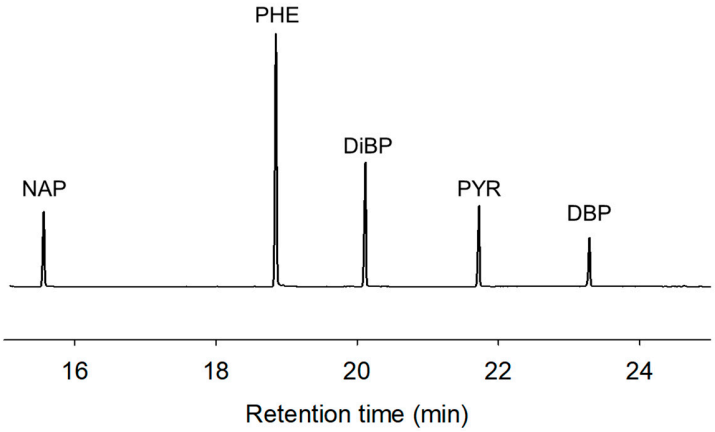


Figure S1. GC chromatograms of phenanthrene (PHE), Naphthalene (NAP), Pyrene (PYR), Diisobutyl phthalate (DiBP) and Di-n-butyl phthalate (DBP)