## **Supporting Information**

Development of a Headspace Sampling-Gas Chromatography-Mass Spectrometry Method for the Analysis of Fireground Contaminants from Firefighter Turnout Materials

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The chemical structures for the selected fireground contaminants that are analyzed in the manuscript are as follows:

Compound Name	Chemical Structure	Compound Name	Chemical Structure
Phenol	но	Naphthalene (NA)	
2,4,6- Trichlorophenol (2,4,6-TCP)	HO CI	Phenanthrene (PA)	
Pentachloro phenol (PCP)	HO CI CI	Pyrene (PY)	
Di-butyl phthalate (DBP)		Benzo[a] pyrene (BaP)	
Benzyl butyl phthalate (BBP)		Di-ethylhexyl phthalate (DEHP)	