Supplement: Emissions of gases and volatile organic compounds (VOCs) from residential heating: a comparison of brown coal briquettes and logwood combustion

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Table S1. List of compounds monitored with the FTIR and assignment of organic compounds to compound classes.

Compound	Sum formulae	Compound class
Water	H_2O	inorganic gases
Carbon dioxide	CO_2	
Carbon monoxide	CO	
Nitrogen monoxide	NO	
Nitrogen dioxide	NO_2	
Sulfur dioxide	SO_2	
Ammonia	NH_3	
Hydrogen cyanide	HCN	
Methane	CH_4	
Ethane	C_2H_6	non-methane alkanes
Propane	C_3H_8	
Butane	C_4H_{10}	
Pentane	C_5H_{12}	
Hexane	C_6H_{14}	
Heptane	C_7H_{16}	
Octane	C_8H_{18}	
Acetylene	C_2H_2	unsaturated aliphatics
Ethylene	C_2H_4	
Propene	C_3H_6	
1,3-Butadiene	C_4H_6	
Benzene C6H6	C_6H_6	aromatics
Toluene C7H8	C_7H_8	
m-Xylene	C_8H_{10}	
o-Xylene	C_8H_{10}	
p-Xylene	C_8H_{10}	
1,2,3-Trimethylbenzene	C_9H_{12}	
1,2,4-Trimethylbenzene	C_9H_{12}	
1,3,5-Trimethylbenzene	C_9H_{12}	
Formic acid	CH_2O	carbonyls
Acetic acid	$C_2H_4O_2$	
Formaldehyde	CH_2O	
Acetaldehyde	C_2H_4O	
Methanol	CH_4O	alcohols
Ethanol	C_2H_6O	
Propanol	C_3H_8O	
Methyl tertiary butyl ether	$C_5H_{12}O$	