

LIST OF ABBREVIATIONS

C_{in}	:	Inlet Concentration
C_{out}	:	Outlet Concentration
V	:	Packed bed volume
Q	:	Air Flow Rate
R.E	:	Removal Efficiency
E.C	:	Elimination Capacity
E.C _{max}	:	Maximum Elimination Capacity without any inhibition or substrate limitation
K_s	:	Saturation constant corresponding to C_{in} at which $EC = (EC_{max}/2)$
C_{ln}	:	Logarithmic average of the inlet and outlet concentrations of VOCs in the gas phase
