

## Experiment SOA08-3

$\langle T \rangle = (274) \text{ K}$ ;  $P = (1007) \text{ hPa}$ ;  $[\text{H}_2\text{O}] = (\sim 2250) \text{ ppm}$ ;  $r. h. = (\sim 40) \%$

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T $^{\circ}\text{C}$	r.h. %
11.11.08			Filling with water vapour and synthetic air			
12.11.08						
	9:23	9:23:04	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	<b>9:33</b>	9:41	+ (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -Particles (Atomizer, 1wt% in water)			
	10:00	10:02	+ $\alpha$ -Pinene (2.1 hPa $\cdot$ (602/1008) /1l) with 6 SLM			
	10:57	10:57:06	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	11:39	11:41	+ 3-Pentanol (5.0 hPa $\cdot$ (219/1051) /1l) with 6 SLM			
	12:10:15	12:11:15	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	12:11:15	13:48	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	13:48	15:10	+ TME (1000 ppm/N <sub>2</sub> ) with 60 SCCM			
	15:14	16:04	N1 (3 SLM for IC analysis)			
	16:45		Start pumping & flushing			

N = Nylon filter sample , T= Teflon filter sample (via Apiezon L Denuder)