

## Experiment SOA08-4

$\langle T \rangle = (253.2) \text{ K}$ ;  $P = (1012) \text{ hPa}$ ;  $[\text{H}_2\text{O}] = (\sim 470) \text{ ppm}$ ;  $r. h. = (\sim 40) \%$

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T $^\circ\text{C}$	r.h. %
12.11.08			Filling with water vapour and synthetic air			
13.11.08						
	9:14:00	9:14:04	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	<b>9:35:30</b>	9:44:30	+ (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> -Particles (Atomizer, 1wt% in water)			
	10:02:30	10:05:30	+ $\alpha$ -Pinene (4.1 hPa $\cdot$ (160.4/1022) /1l) with 6 SLM			
	11:10:00	11.10:07	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	11:31	11:34	+ 3-Pentanol (5.0 hPa $\cdot$ (222/1000) /1l) with 6 SLM			
	12:31	12:32	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	12:32	14:33	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	14:38:05	14:38:20	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	14:43	15:58	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	15:47	16:37	N1 (3 SLM for IC analysis)			
	18:11		Start pumping & flushing			

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