

## Experiment SOA08-7

$\langle T \rangle = (313.4) \text{ K}$ ;  $P = (1004) \text{ hPa}$ ;  $[\text{H}_2\text{O}] = (\sim 14290\text{-}13610) \text{ ppm}$ ;  $r. h. = (\sim 19\text{-}18) \%$

Date	Time (Start)	Time (End)	Activity	SOA [ $\mu\text{g}/\text{m}^3$ ]	T $^\circ\text{C}$	r.h. %
17.11.08			Filling with water vapour and synthetic air			
18.11.08			+ Tests adding cis-pinonic acid (4 SLM/oven: 111°C)			
	<b>11:24</b>	13:08	+ cis-Pinonic acid (Atomizer, 0.6 wt.% in water)			
	13:48	15:05	+ Pinic acid (Atomizer, 0.5 wt% in water)			
	16:03	16:28	+ cis-Pinonic/Pinic acid (Atomizer, 0.3/0.25 wt.% in water)			
	16:07:00	16:07:10	+ Ozone (Sorbios 80% in O <sub>2</sub> ) with 5 SLM			
	16:19:30	16:21:30	+ 3-Pentanol (5.0 hPa *(208/1015) /1l) with 6 SLM			
	16:36	18.38	+ cis-Pinonic/Pinic acid (Atomizer, 0.3/0.25 wt.% in water)			
	16:47	16:48	+ TME (1000 ppm/N <sub>2</sub> ) with 100 SCCM			
	16:48	19:10	+ TME (1000 ppm/N <sub>2</sub> ) with 30 SCCM			
	19:55		Start pumping & flushing			

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