

Experiment SOA08-9

$\langle T \rangle = (283.4) \text{ K}$; $P = (1004) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 4600\text{-}4374) \text{ ppm}$; $r. h. = (\sim 37\text{-}34) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
19.11.08			Filling with water vapour and synthetic air			
20.11.08	9:50	10:10	+ Pinic acid (Atomizer, 0.20 wt% in water)			
	11:28	11:28:10	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	11:18	11:20	+ 3-Pentanol (5.0 hPa \cdot (197/1059) /1l) with 6 SLM			
	11:52	11:53	+ TME (1000 ppm/N ₂) with 100 SCCM			
	11:53	12:53	+ TME (1000 ppm/N ₂) with 30 SCCM			
	13:08	13:33	+ cis-Pinonic acid (Atomizer, 0.49 wt.% in water)			
	13:54	13:55	+ TME (1000 ppm/N ₂) with 100 SCCM			
	13:55	16:15	+ TME (1000 ppm/N ₂) with 30 SCCM			
	14:32	15:16	+ cis-Pinonic acid (Atomizer, 0.49 wt.% in water)			
	17:55		Start pumping & flushing			

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