

Experiment SOA08-10

$\langle T \rangle = (273.3) \text{ K}$; $P = (991) \text{ hPa}$; $[\text{H}_2\text{O}] = (\sim 2200) \text{ ppm}$; $r. h. = (\sim 36) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
20.11.08			Filling with water vapour and synthetic air			
21.11.08						
	10:19:00	10:19:15	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	10:29	10:31	+ α -Pinene (4.0 hPa \cdot (202/1008) /1l) with 6 SLM			
	11:32	11:33	+ TME (1000 ppm/N ₂) with 100 SCCM			
	11:33	12:45	+ TME (1000 ppm/N ₂) with 30 SCCM			
	13:00	13:04	+ Isoprene (10.1 hPa/1 l) with 6 SLM			
	13:50:00	13:50:04	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	15:01	15:02	+ TME (1000 ppm/N ₂) with 100 SCCM			
	15:02	18:17	+ TME (1000 ppm/N ₂) with 30 SCCM			
	18:30	18:34	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	19:53		Start pumping & flushing			

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