

Experiment SOA08-02

$\langle T \rangle = (293.2) \text{ K}$; $P = (1004) \text{ hPa}$; $[\text{H}_2\text{O}] = (9160) \text{ ppm}$; $r. h. = (\sim 40) \%$

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T $^\circ\text{C}$	r.h. %
06.11.08			Filling with water vapour and synthetic air			
07.11.08						
	9:44:21	9:44:32	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	10:28	10:46	+ (NH ₄) ₂ SO ₄ -Adipic Acid-Particles (Atomizer, 1wt%-0.25wt% in water)			
	11:32	11:34	+ 2-Butanol ((10 hPa*(89/1000) /1l) with 6 SLM)			
	13:31		+ TME (600 ppm/N ₂) with 50 SCCM			
	15:07		+ TME (600 ppm/N ₂) with 25 SCCM			
	16:30		+ TME (600 ppm/N ₂) with 100 SCCM			
	17:37		+ TME (600 ppm/N ₂) with 500 SCCM			
	18:22		End adding TME			
	19:30		Start pumping & flushing			

T= Teflon filter sample (via Apiezon L Denuder)