

Experiment SOA08-01

<T> = (293.2) K; P = (1004) hPa; [H₂O] = (10000) ppm; r. h. = (-40) %

Date	Time (Start)	Time (End)	Activity	SOA [$\mu\text{g}/\text{m}^3$]	T °C	r.h. %
05.11.08			Filling with water vapour and synthetic air			
06.11.08						
	10:05:00	10:05:12	+ Ozone (Sorbios 80% in O ₂) with 5 SLM			
	13:37	14:04	+ (NH ₄) ₂ SO ₄ -Adipic Acid-Particles (Atomizer, 1wt%-0.25wt% in water)			
	15:02	15:05	+ 2-Butanol (10 hPa*(85/1000) /1l) with 6 SLM			
	16:23		+ TME (600 ppm/N ₂) with 50 SCCM			
	17:34		+ TME (600 ppm/N ₂) with 150 SCCM			
	18:20		+ TME (600 ppm/N ₂) with 450 SCCM			
	19:08		End adding TME			
	19:33		Start pumping, flushing, filling with water vapour and refilling with synthetic air.			

T= Teflon filter sample (via Apiezon L Denuder)