

Component	SOA production/Tg (SOA) a ⁻¹	
	This study	Literature
Biogenic	23.9 ^a –39.5	46.4 (Khan et al., 2017)
		26.8 (Henze et al., 2008)
		27.6 (Farina et al., 2010) 18.6 (Tsigaridis and Kanakidou, 2007)
Isoprene = 4 ^a –19.6		55 (Hoyle et al., 2007)
		14.9 (Henze and Seinfeld, 2006)
		97.5 (Hodzic et al., 2016) 13 (Spracklen et al., 2011) ^c
Biomass burning	9.5	15.5 (Hodzic et al., 2016)
		3–26 (Spracklen et al., 2011) ^c
		44–95 (Shrivastava et al., 2015)
		1–15 (Cubison et al., 2011) ^d
		34 (Hallquist et al., 2009) ^c
Anthropogenic	24.6–70.0 ^b	1.6 (Farina et al., 2010)
		3.1 (Heald et al., 2011)
		19.2 (Hodzic et al., 2016)
		100 (Spracklen et al., 2011) ^c
Total	48.5 ^a – 74.0–119.4 ^b	132 (Hodzic et al., 2016)
		19 (13–121) (Tsigaridis et al., 2014)
		12–70 (Tsigaridis and Kanakidou, 2007)
		140 (50–380) (Spracklen et al., 2011) ^c
		250 (50–450) (Heald et al., 2010) ^c
		26.5 (Heald et al., 2011)
		280–1820 (Goldstein and Galbally, 2007) ^c