

Instrument	Measured species used in this analysis	Uncertainty	Reference
ACES	glyoxal, methylglyoxal	glyoxal: $\pm 15\%$, methylglyoxal: $-30\%/+70\%$	Min et al. (2016)
OP-FTIR	CO, CO ₂ , CH ₄ , formaldehyde	CO, CO ₂ , CH ₄ : $\pm \sim 2\%$, formaldehyde: $\pm 10\%$	Stockwell et al. (2014); Selimovic et al. (2018)
PTR-ToF	formaldehyde, acetaldehyde, acetone, glycolaldehyde, methylglyoxal, hydroxyacetone, 2,3-butanedione, 2,3-pentanedione	formaldehyde, acetaldehyde, acetone, glycolaldehyde: $\pm 15\%$ all others: $\pm 50\%$	Yuan et al. (2016); Koss et al. (2018)