

Species (unit)	Background	In-plume
CO (ppb)	131 [130–132]	176 [170–181]
NO _x (ppb)	0.32 [0.28–0.34]	2.72 [1.84–3.60]
O ₃ (ppb)	31.9 [31.7–32.1]	31.2 [30.5–32.0]
Aerosol concentration (cm ⁻³)	735 [725–745]	6 480 [6025–6930]
BC (μg m ⁻³)	0.34 [0.33–0.35]	0.68 [0.64–0.72]
OA (μg m ⁻³)	3.06 [3.00–3.13]	6.56 [6.24–6.88]
IEPOX–SOA (μg m ⁻³)	0.89 [0.74–1.04]	1.80 [1.66–1.93]
<i>p</i> ON (μg m ⁻³)	0.17 [0.16–0.18]	0.36 [0.33–0.39]
SO ₄ (μg m ⁻³)	1.67 [1.64–1.70]	2.86 [2.70–3.03]
NO ₃ (μg m ⁻³)	0.12 [0.11–0.12]	0.53 [0.49–0.57]
NH ₄ (μg m ⁻³)	0.66 [0.63–0.68]	1.29 [1.20–1.38]