

Species	Reference species	Castlemaine			Greendale			NSW fires ^a	
		ER	R^2	EF	ER	R^2	EF	ER	EF
CO ₂				1650 ± 170			1670 ± 170		1620 (160)
CO				101 ± 16			84 ± 13		118 (19)
CH ₄	CO	0.0571 ± 0.0006	0.97	3.3 ± 0.2	0.0633 ± 0.0005	0.99	3.1 ± 0.2	0.05 (0.01)	3.6 (1.1)
Ammonia	CO	0.0276 ± 0.0003	0.98	1.7 ± 0.2	0.0291 ± 0.0004	0.95	1.5 ± 0.2	0.021 (0.008)	1.6 (0.6)
Ethene	CO ₂	0.00118 ± 0.00001	0.97	1.2 ± 0.3	0.00105 ± 0.00002	0.91	1.1 ± 0.2	0.0012 (0.0003)	1.3 (0.3)
Formaldehyde	CO ₂	0.00133 ± 0.00002	0.94	1.5 ± 0.3	0.00113 ± 0.00003	0.82	1.3 ± 0.2	0.0016 (0.0004)	1.7 (0.4)
Methanol	CO	0.0144 ± 0.0002	0.96	1.7 ± 0.3	0.0154 ± 0.0006	0.95	1.5 ± 0.4	0.017 (0.006)	2.4 (1.2)
Formic acid	CO	0.00321 ± 0.00005	0.94	0.5 ± 0.2	0.00414 ± 0.00007	0.93	0.6 ± 0.1	0.0021 (0.0007)	0.4 (0.2)
Acetic acid	CO	0.0303 ± 0.0003	0.98	6.5 ± 1.2	0.0331 ± 0.0005	0.95	6.0 ± 0.9	0.015 (0.003)	3.8 (1.3)

^a Paton-Walsh et al. (2014).