

Tracer (χ)	Boundary condition (χ_Ω)	Source (S)
5-day NH loss (χ_5)	1 over Ω_{MID}	$-\chi/\tau_c$ ($\tau_c = 5$ days, entire atmosphere)
50-day NH loss (χ_{50})	1 over Ω_{MID}	$-\chi/\tau_c$ ($\tau_c = 50$ days, entire atmosphere)
Tropospheric mean age (Γ_{NH})	0 over Ω_{MID}	1 year / year
Stratospheric loss (χ_{STE})	200 ppbv above 80 hPa	$-\chi/\tau_c$ ($\tau_c = 25$ days, troposphere only)
Global source decay (e90)	100 ppbv in first model level	$-\chi/\tau_c$ ($\tau_c = 90$ days, entire atmosphere)