15 cm
25 cm
TD ovens
850 °C
Denuder
pNO_3
10 cm
NO_y
45 cm
3 cm
V
V
Amb
during zero
FC
Zero: 3.5 slm
Sample: 0 slm
0-air
Pressure
reduction
Filter
8 m
Reaction volume
(0.95 cm inner
diameter, PFA)
0.9 m
FC
0.3 slm
0-air
Ex
FC
3.3 slm
p
Purge
Purge
Cavity heated channel
0.75 bar
Critical
orifices
Pen-Ray lamp
FC
70 sccm
0-air
1.37 bar
1.01 bar
NO_x
V
during zero
Amb
FC
Zero: 3.5 slm
Sample: 0 slm
0-air
l (70 cm)
d
Cavity ambient channel
Purge
Purge
p
FC
3.3 slm
Ex
0-air
FC
0.3 slm