

															Assignments	
Pollutant	Method	bag	diluted	raw	online	off line	LoD [ppm]	LoQ [ppm]	rise time [s]	interference	Base	Robustness of measurement	Paper Nr.	Problems	Draft GTR	Specify LoD, LoQ
NO2	CLD differential		x		x						ECE Reg. 83/EPA 1065.272	very good	WLTP-DTP-02-06e		Mörsch	A,H,M
	NDUV-RAS differential		x		x						ECE Reg. 83/EPA 1065.272	good	WLTP-DTP-02-06e		Mörsch	A,M
	QCL		x		x							not yet available	WLTP-DTP-AP-02-02	not yet available		H,M
	FTIR		x		x							fair		LoD		A,H
N2O	GC-ECD	x				x					EPA 1065.275	good	WLTP-AP-02-01 b	off line	Mörsch	Mörsch: EPA
	NDIR	x			x						EPA 1065.275	poor	WLTP-AP-02-01 b	cross interference and LoD		A,H,M
	QCL	x			x							not yet available	WLTP-DTP-AP-02-02	not yet available		H,M
	FTIR	x			x						EPA 1065.275	poor				A,H
	ring down cavity	x			x							?				Thiel
	Photo Acoustic	x			x						EPA 1065.275	poor		cross interference and stability		A,M
NH3 (SCR systems)	LDS (in situ)			x	x						Commitology EUVI	fair	WLTP-DTP-02-07e	only concentration	Engeljehringer	Mörsch: Bernt Laser
	LDS (extractive)			x	x						Commitology EUVI	fair		only concentration		A,M
	FTIR			x	x						Commitology EUVI	fair	WLTP-DTP-02-07e	only concentration		A,H, JRC
	QCL			x	x							not yet available	WLTP-DTP-AP-02-02	not yet available		H
Ethanol (E85)	Impinger + GC-FID		x			x					CARB NMOG Part C METHOD 1001 EPA 1065.805	good		off line	Berg/Petit	use CARB
	Photo Acoustic	x			x						MSO 2000-08	good		interference correction		A
	QCL											not yet available				H
	FTIR											?				A,H
Aldehydes (E85)	Impinger/Cartridge + HPLC		x			x					CARB NMOG Part F METHOD 1004	good	WLTP-DTP-AP-02-06	off line	Astorga	use CARB
	FTIR			x	x							poor		only concentration, LoD for dilute		A,H
	QCL		?		x							not yet available		not yet available		H

reference methods

LoD determined by
use of traceable cal.
gases

General: EPA 1065.205

A = Engeljehringer
H = Hill
M = Vavra