

AGAGE_sacle_2015_v1 (date: Jan. 20, 2015)

Standard scales used in archived species from the measurement of AGAGE GC-MD and GC-MS instruments (species with updated scales are highlighted by red color)

species	formula	scale	units	comments
methane	CH ₄	Tohoku University	ppb	
nitrous oxide	N ₂ O	SIO-1998	ppb	
carbon monoxid	CO	CSIRO94	ppb	
hydrogen	H ₂	MPI-2009	ppb	

CFCs

CFC-11	CCl ₃ F	SIO-05	ppt
CFC-12	CCl ₂ F ₂	SIO-05	ppt
CFC-113	CCl ₂ FCClF ₂	SIO-05	ppt
CFC-114	CClF ₂ CClF ₂	SIO-05	ppt
CFC-115	CClF ₂ CF ₃	SIO-05	ppt

HCFCs

HCFC-22	CHClF ₂	SIO-05	ppt
HCFC-141b	CH ₃ CCl ₂ F	SIO-05	ppt
HCFC-142b	CH ₃ CClF ₂	SIO-05	ppt

HFCs

HFC-23	CHF ₃	SIO-07	ppt
HFC-32	CH ₂ F ₂	SIO-07	ppt
HFC-125	CHF ₂ CF ₃	SIO-14	ppt
HFC-134a	CH ₂ FCF ₃	SIO-05	ppt
HFC-143a	CH ₃ CF ₃	SIO-07	ppt
HFC-152a	CH ₃ CHF ₂	SIO-05	ppt
HFC-227ea	CF ₃ CHFCF ₃	SIO-14	ppt
HFC-236fa	CF ₃ CH ₂ CF ₃	SIO-14	ppt
HFC-245fa	CHF ₂ CH ₂ CF ₃	SIO-14	ppt
HFC-365mfc	CH ₃ CF ₂ CH ₂ CF ₃	SIO-14	ppt
HFC-43-10mee	CF ₃ (CHF) ₂ CF ₂ CF ₃	SIO-14	ppt

Halons

H-1211	CBrClF ₂	SIO-05	ppt
H-1301	CBrF ₃	SIO-05	ppt
H-2402	C ₂ Br ₂ F ₄	SIO-14	ppt

Chlorocarbons

methyl chloride	CH ₃ Cl	SIO-05	ppt
dichloromethane	CH ₂ Cl ₂	SIO-14	ppt
chloroform	CHCl ₃	SIO-98	ppt
methyl chloroform	CH ₃ CCl ₃	SIO-05	ppt
trichloroethylene	CHClC ₂ Cl ₂	UB-98	ppt
perchloroethylene	CCl ₂ CCl ₂	NOAA-2003B	ppt
carbon tetrachloride	CCl ₄	SIO-05	ppt

Bromocarbons

methyl bromide	CH ₃ Br	SIO-05	ppt
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PFCs

PFC-14	CF ₄	SIO-05	ppt
PFC-116	CF ₃ CF ₃	SIO-07	ppt
PFC-218	CF ₃ CF ₂ CF ₃	SIO-07	ppt

Other fluorinated compounds

sulfur hexafluoride	SF ₆	SIO-05	ppt
sulfuryl fluoride	SO ₂ F ₂	SIO-07	ppt
nitrogen trifluoride	NF ₃	SIO-12	ppt
