No.	Molecu	lar formula, name and pK value(s)	$T(^{\circ}C)$	Remarks	Method	Assessment	Ref	
2004	CH <sub>4</sub> 0	Methanol	10.5	2 + 0.1	E3bg	Unicort.	E5a	
		To 15.5 Charles weld (Barbornic seld)	25		C3	Uncert.	B8	
		15.09	25		KIN	Uncert.	M126	
2005	CH <sub>4</sub> 0 <sub>2</sub>	Methyl hydroperoxide		W = (0.0903-0.05	05 W/P	KELO	P23	
		(a) 11.5 = Velg-g	20		05	Uncert.	E27	
2006	CH4S	Methanethiol	ise.	2056d on 08 = 5.28 for aceta acid in 0 <sub>2</sub> 0	93	-yalatawa	89	
	4	10.33	25	1% ethanol, gas solubility method		Uncert.	K57	
2007	CH0 <sub>6</sub> N <sub>3</sub>	Methane, trinitro-			C4 59	quescr	H <sub>a</sub>	
		0.14(1959) ***********************************	20	In aqueous HClO <sub>4</sub> ,H <sub>O</sub> scale	06	Uncert.	T58a	10
		0.06	25.5	Mixed constant	05	Uncert.	Н5	
		0.05	9.6					
		0.23	5	In aqueous HCl,H <sub>o</sub> scale	06	Uncert.	N39,S82	
		New 0.17 company (source actual)	20				,	
		0.11	40					
		0.02	60					
				Thermodynamic quantities are derived from the	ne results			

2008	CH204N2	Methane, dinitro-							
		3.63	DO 1	20		05	Approx.	T58a	
		3.72	(	5		05	Approx.	N39	
		3.60	;	20					
		3.51		40					
		3.43		60					
					Thermodynamic quantities are derived from the	results			
		3.57		25	I = 0.06	05	Approx.	A7	
2009	CH <sub>3</sub> 0 <sub>2</sub> N	Methane, nitro-							
		10.45		10	c = 0.005-0.017, mixed constant	E3bg	Approx.	Т67	
		10.33		18					
		10.21 ozbodnia seda		25					
		10.24		25		E3bg	Approx.	W22	
2010	CH <sub>3</sub> 0 <sub>2</sub> N Methanohydroxamic acid (Formohydroxamic acid) pozbysusc scray								
		8.65			I = 0.2(NaC1)	E3bg	Uncert.	C72	
2011	CH3NS2	Methanedithioic acid, amino-	(Dith	niocarba	mic acid)				
		2.95		25	c = 0.002-0.01	C2	Approx.	G4	
2012	CH <sub>4</sub> 0 <sub>2</sub> S	Methanesulfinic acid, hydroxy-		38	Companie decomposas	Egpä	119001.0	134	
		1.65		20	c = 0.1, mixed constant	E3bg	Approx.	R54	