Lampiran I

Sodium nitrite	$NaNO_2$	69.00	c	−359	
Sodium sulfate	Na_2SO_4	142.05	c	−1384.5	
Sodium sulfide	Na_2S	78.05	c	−373	
Sodium sulfite	Na_2SO_3	126.05	c	−1090	
Sodium thiosulfate	$Na_2S_2O_3$	158.11	c	−1117	
Sulfur	S	32.07	c (rhombic)	0	
			c (monoclinic)	0.297	
Sulfur chloride	S_2Cl_2	135.05	l	−60.3	
Sulfur dioxide	SO_2	64.066	g	−296.90	
Sulfur trioxide	SO_3	80.066	g	−395.18	
Sulfuric acid	H_2SO_4	98.08	l	−811.32	
			aq	−907.51	
Toluene	$C_6H_5CH_3$	92.13	l	11.99	−3909.9
			g	50.000	−3947.9
Water	H_2O	18.016	l	−285.840	
			g	−241.826	
m-Xylene	$C_6H_4(CH_3)_2$	106.16	l	−25.42	−4551.86
			g	17.24	−4594.53
o-Xylene	$C_6H_4(CH_3)_2$	106.16	l	−24.44	−4552.86
			g	19.00	−4596.29
p-Xylene	$C_6H_4(CH_3)_2$	106.16	l	−24.43	−4552.86
			g	17.95	−4595.25
Zinc sulfate	$ZnSO_4$	161.45	c	−978.55	
			aq	−1059.93	

*Sources of data are given at the beginning of Appendix D, References 1, 4, and 5.
‡ Standard state HCl(g).

Gambar I. Appendix D Buku Himmelblau

Table 2-2 HEAT CAPACITY OF GAS - INORGANIC COMPOUNDS (continued)

			$C_p = A + B\,T + C\,T^2 + D\,T^3 + E\,T^4$					(C_p - joule/(mol K), T - K)	
NO	FORMULA	NAME	A	B	C	D	E	TMIN	TMAX
206	O2	OXYGEN	29.526	-8.8999E-03	3.8083E-05	-3.2629E-08	8.8607E-12	50	1500
255	SO2	SULFUR DIOXIDE	29.637	3.4735E-02	9.2903E-06	-2.9885E-08	1.0937E-11	100	1500
256	SO2Cl2	SULFURYL CHLORIDE	18.553	2.9713E-01	-4.2391E-04	2.7784E-07	-6.7857E-11	100	1500
257	SO3	SULFUR TRIOXIDE	22.466	1.1981E-01	-9.0842E-05	2.5503E-08	-7.9208E-13	100	1500
258	S2Cl2	SULFUR MONOCHLORIDE	51.240	1.1549E-01	-1.6270E-04	1.0449E-07	-2.4709E-11	298	1500
182	N2	NITROGEN	29.342	-3.5395E-03	1.0076E-05	-4.3116E-09	2.5935E-13	50	1500

Gambar II. Tabel kapasitas Panas Buku yaws