Additions and Corrections

1972, Volume 11

Martin N. Ackermann,* Margarette R. Hallmark, Sally K. Hammond, and A. Nicholas Roe: Alkyldiazenes. Gas-Phase and Solution Chemistry. Physical and Chemical Properties of Methyldiazene.

Pages 3080 and 3081. In Figure 2 and page 3081, column 1, line 3, the rate constants for gas phase decomposition of $CH_3N{=}NH$ and $CH_3N{=}ND$ should be 0.093 ± 0.008 and 0.011 ± 0.001 $M^{-1/2}$ sec^{-1}, respectively. This correction also applies to the abstract. No arguments or conclusions are affected by this change.—Martin N. Ackermann

1973, Volume 12

R. G. Cavell,* R. D. Leary, A. R. Sanger, and A. J. Tomlinson: Trimethylsilyl Esters of Phosphorus Acids. III. Esters of Difluoro- and Bis(trifluoromethyl)phosphinous and -thiophosphinous Acids.

Page 1375. In Table I, column 2, the starting reactants for last entry should read $(CF_3)_2PCl$ (2.86 mmol) and $[(CH_3)_3Si]_2S$ (2.68 mmol).—R. G. Cavell

Thomas W. Beall and Larry W. Houk*: Transition Metal π Complexes. II. Reactions of π-Cycloheptatrienylmolybdenum Dicarbonyl Iodide with Chelating Group Va Ligands.

Page 1980. Structure II in Figure 1 should show both ligands of the chelate L–L group coordinated to the metal.—L. W. Houk

1974, Volume 13

J. Pradilla-Sorzano and John P. Fackler, Jr.*: Base Adducts of β-Ketoenolates. VII. Electron Paramagnetic Resonance Studies of Some Fluxional 1,1,1,5,5,5-Hexafluoro-2,4-pentadionatocopper(II) Complexes.

Page 39. Equation 6 should read:

$$g_y = 2 - 4c^2 - 4d^2 + 4\sqrt{3}ae - 4be + 4cd \tag{6}$$

John P. Fackler, Jr.

M. A. Bennett,* R. N. Johnson, and I. B. Tomkins: Olefin Complexes of Divalent Ruthenium Formed by Chelating Olefinic Tertiary Phosphines and Arsines.

Page 347. In Table I, the infrared data for complexes 5a and 5b should read:

	ν(CO), cm^{-1}	ν(RuCl), cm^{-1}	Vinyl deformation modes, cm^{-1}
5a	2050 s, 1980 s	316 ms, 290 ms	985 m, 915 s
5b	2070 s, 2000 s	315 ms, 284 ms	990 m, 930 s

I. B. Tomkins

R. L. Paul and H. C. Brookes*: Binary Silver Bromide-Alkali Bromide Melts. Calculated and Measured Energies of Mixing.

Page 686. The formula weight of CsBr listed by G. J. Janz, "Molten Salts Handbook," Academic Press, New York, N. Y., 1967, p 8 is incorrectly given as 272.81, instead of 212.81. Our data were calculated using the Janz value and hence the values of X_{AgBr}, $\Delta\overline{G^E}_{AgBr}(800°)$, $\Delta\overline{H}_{AgBr}$, and $\Delta\overline{S^E}_{AgBr}$ for the AgBr–CsBr system given in Table II should read as follows.

X_{AgBr}, mole fraction	$\Delta\overline{G^E}_{AgBr}(800°)$, cal mol^{-1}	$\Delta\overline{H}_{AgBr}$, cal mol^{-1}	$\Delta\overline{S^E}_{AgBr}$, cal mol^{-1} deg^{-1}
0.0353	−2610	−4423	−1.69
0.0839	−2499	−4117	−1.51
0.1630	−2240	−3461	−1.14
0.3227	−1565	−2478	−0.85
0.5603	−688	−1056	−0.34
0.8170	−96	−67	0.03

The values in Table III should read:

System	*A*	*B*	*C*	Mean dev	Max dev
	$\Delta\overline{G^E}_{AgBr}$ (800°), cal mol^{-1}				
AgBr–CsBr	−2374	−4283	3966	11	20
	$\Delta\overline{H}_{AgBr}$, cal mol^{-1}				
AgBr–CsBr	−6370	1647		56	130
	$\Delta\overline{S^E}_{AgBr}$, cal mol^{-1} deg^{-1}				
AgBr–CsBr	−1.575	−0.220		0.05	0.1

Page 687. The values in Table IV for the AgBr–CsBr system should read:

Energy	*a*	*b*	*c*
$\Delta G^E(800°)$, cal mol^{-1}	−2690	−502	−1322
ΔH^M, cal mol^{-1}	−4723	−823	
ΔS^E, cal mol^{-1} deg^{-1}	−1.795	0.110	

Page 688. Column 2, paragraph 3, line 15, should read: "....., and $\delta_{12} = (d_2 - d_1)/d_1d_2$ where d_i is the radius of the anion + *i*th cation."

Page 690. The value of ΔS^E_{exptl} for the AgBr–CsBr system in Table V should read −0.44 cal mol^{-1} deg^{-1}.

The data for the AgBr–CsBr system shown in Figures 3, 4, 5, 6, 7, and 8 are similarly incorrect, but may be plotted from the corrected data supplied above. None of the conclusions drawn are changed with the corrected data.—H. C. Brookes

William B. Hughes* and Bernard A. Baldwin: X-Ray Photoelectron Spectroscopy Study of $MoCl_2(NO)_2(P(C_6H_5)_3)_2$.

Page 1532. In Table I the Mo $3d_{5/2}$ binding energy for $MoCl_2(CO)_3(P(C_6H_5)_3)_2$ should read 229.8 eV.—Bernard A. Baldwin

Richard R. Rietz, Donald F. Dustin, and M. Frederick Hawthorne*: Preparation of η-Cyclopentadienylcobalt(III) and η-Cyclopentadienylnickel(IV) Complexes of the η-7-$B_{10}CH_{11}^{3-}$ Carbollide Ligand.

Page 1582. The legend in Figure 2 is erroneous. The open circles in the structures presented depict BH vertices while the black circles depict CH vertices.—M. F. Hawthorne

S. Sunder and H. J. Bernstein*: Resonance Raman Spectra of a Complex Containing the Rhodium-Iron Bond.

Page 2274. In the title of the paper and in the Table of Contents "Rhenium" should read "Rhodium."