

CONTENTS

Foreword	vi
Preface	ix
Introduction to The Solubility of Liquids in Liquids	xi
The Phase Behavior of Water + Hydrocarbon Systems	xvi
C ₅ H ₆	1,3-Cyclopentadiene 1
C ₅ H ₈	Cyclopentene 2
	2-Methyl-1,3-butadiene 7
	1,4-Pentadiene 11
	1-Pentyne 12
C ₅ H ₁₀	Cyclopentane 13
	2-Methyl-2-butene 22
	3-Methyl-1-butene 27
	1-Pentene 28
	2-Pentene 29
C ₅ H ₁₂	2,2-Dimethylpropane 30
	2-Methylbutane 31
	Pentane 42
C ₆ H ₆	Benzene 59
C ₆ H ₈	1,4-Cyclohexadiene 193
C ₆ H ₁₀	Cyclohexene 197
	1,5-Hexadiene 209
	1-Hexyne 211
C ₆ H ₁₂	Methylcyclopentane 212
	Cyclohexane 221
	2,3-Dimethyl-1-butene 272
	2-Methyl-1-pentene 273
	4-Methyl-1-pentene 274
	1-Hexene 275
	2-Hexene 282
C ₆ H ₁₄	2,2-Dimethylbutane 283
	2,3-Dimethylbutane 289
	2-Methylpentane 296
	3-Methylpentane 307
	Hexane 314
C ₇ H ₈	Toluene 369
	2,5-Norbornadiene 432
	1,3,5-Cycloheptatriene 433
	1,6-Heptadiyne 438
C ₇ H ₁₂	1-Methylcyclohexene 439
	Cycloheptene 440
	1,6-Heptadiene 441
	1-Heptyne 442
C ₇ H ₁₄	Ethylcyclopentane 443
	Methylcyclohexane 445
C ₇ H ₁₄	Cycloheptane 454
	1-Heptene 455
	2-Heptene 460
C ₇ H ₁₆	2,2,3-Trimethylbutane 464
	2,2-Dimethylpentane 465
	2,3-Dimethylpentane 467
	2,4-Dimethylpentane 469
	3,3-Dimethylpentane 476
	2-Methylhexane 478
	3-Methylhexane 481
	Heptane 486
System Index	519
Registry Number Index	521
Author Index	523
Solubility Data Series: Published and Forthcoming Volumes	528