

CONTENTS

Acknowledgments

Foreword

Part 1 Methodology

- 1 Derivation of the LQM/CIEH Suitability 4 Use Levels (S4ULs)

Part 2 Metals

- 2 Arsenic
- 3 Beryllium
- 4 Boron
- 5 Cadmium
- 6 Chromium (III and VI)
- 7 Copper
- 8 Mercury
- 9 Nickel
- 10 Selenium
- 11 Vanadium
- 12 Zinc

Part 3 Petroleum Hydrocarbons

- 13 Benzene
- 14 Toluene
- 15 Ethylbenzene
- 16 Xylenes
- 17 Petroleum Hydrocarbon Fractions (Environment Agency 16 fractions)

Part 4 Polyaromatic Hydrocarbons

- 18 Polyaromatic Hydrocarbons (US EPA 16)

Part 5 Chloroalkanes & alkenes

- 19 1,2-Dichloroethane
- 20 1,1,1-Trichloroethane
- 21 1,1,2,2- and 1,1,1,2-Tetrachloroethanes
- 22 Tetrachloroethene
- 23 Tetrachloromethane (a.k.a. Carbon tetrachloride)
- 24 Trichloroethene
- 25 Trichloromethane (a.k.a. Chloroform)
- 26 Chloroethene (a.k.a. Vinyl chloride)

Part 6 Explosives

- 27 2,4,6-Trinitrotoluene (TNT)
- 28 RDX and HMX

Part 7 Pesticides

- 29 Aldrin and Dieldrin
- 30 Atrazine
- 31 Dichlorvos
- 32 Endosulfans (2 isomers)
- 33 Hexachlorocyclohexane (3 isomers)

Part 8 Chlorobenzenes

- 34 Chlorobenzene
- 35 Dichlorobenzenes (3 isomers)
- 36 Trichlorobenzenes (3 isomers)
- 37 Tetrachlorobenzenes (3 isomers)
- 38 Pentachlorobenzene
- 39 Hexachlorobenzene

Part 9 Phenol & Chlorophenols

- 40 Phenol
- 41 Chlorophenols (4 congeners)
- 42 Pentachlorophenol

Part 10 Other

- 43 Carbon Disulphide
- 44 Hexachlorobutadiene