

NOTE: The purpose of these tables is to illustrate potential changes to numeric values caused by the changes listed below. They are for illustrative purposes only and should not be used for Act 2 remediation projects.

Legend:

New Compound
Toxicity change ONLY
Volatile definition change ONLY
Toxicity and volatile definition
Transfer factor fix
Rounding adjustment

Table 1 changes:

12 compounds showed increases due to toxicity value changes

5 compounds showed increases of about 1 order of magnitude or more due to toxicity value changes

1,3-Butadiene	
Dimethoate	Pesticides, changed due to addition of the Office of Pesticide
Merphos Oxide	Programs Human Health Benchmarks for Pesticides
Methanol	
1,3,4-Trimethylbenzene	

13 Compounds showed decreases due to toxicity value changes

8 Compounds showed decreases of about 1 order of magnitude or more due to toxicity value changes

Benomyl	
Bromoxynil	
Bromoxynil Octanoate	Pesticides, changed due to
Chlorsulfuron	addition of the Office of Pesticide
Furfural	Programs Human Health
Iprodione	Benchmarks for Pesticides
Maneb	
Triallate	

9 Compounds showed decreases due to volatile definition changes

8 Compounds showed decreases of about 1 order of magnitude or more due to volatile definition changes

1,1-Biphenyl
2-Methylnaphthalene
O-Nitroaniline
Nitrobenzene
N-Nitroso-di-n-butylamine
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
Phthalic Anhydride

1 Compound was affected by both toxicity value changes and the volatile definition change with a decrease of about one order of magnitude or more

P-Chloronitrobenzene

3 Compounds showed minimal increases due to rounding adjustments

TOTAL increased: 15

TOTAL decreased: 23

Table 2: NO CHANGES

Table 3A changes:

14 compounds showed increases due to toxicity value changes

7 compounds showed increases of about 1 order of magnitude or more due to toxicity value changes

Ammonia
Benzo[A]pyrene
Chlorodibromomethane
Dimethoate
Diphenylamine
Merphos Oxide
1,3,4-Trimethylbenzene

14 Compounds showed decreases due to toxicity value changes

8 Compounds showed decreases of about 1 order of magnitude or more due to toxicity value changes

Benomyl
Bromoxynil
Bromoxynil Octanoate
Chlorsulfuron
3,3-Dimethoxybenzidine
Iprodione
Maneb
Triallate

14 Compounds showed decreases due to volatile definition changes

14 Compounds showed decreases of about 1 order of magnitude or more due to volatile definition changes

1,1-Biphenyl
1,2-Diphenylhydrazine
2-Methylnaphthalene
Naphthalene
O-Nitroaniline
Nitrobenzene
N-Nitroso-di-n-butylamine
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
PCB-1016
PCB-1221
Phthalic Anhydride
1,2,4-Trichlorobenzene
1,3,5-Trichlorobenzene

1 Compound was affected by both toxicity value changes and the volatile definition change with a decrease of about one order of magnitude or more

P-Chloronitrobenzene

35 Compounds showed minimal changes due to transfer factor adjustments (3 increased, 32 decreased)

21 Compounds showed minimal changes due to rounding adjustments (10 increased, 11 decreased)

TOTAL increased: 27

TOTAL decreased: 72

Table 3B changes:

13 compounds showed increases due to toxicity value changes

5 compounds showed increases of about 1 order of magnitude or more due to toxicity value changes

1,3-Butadiene
Dimethoate
Merphos Oxide
Methanol
1,3,4-Trimethylbenzene

13 Compounds showed decreases due to toxicity value changes

7 Compounds showed decreases of about 1 order of magnitude or more due to toxicity value changes

Benomyl
Bromoxynil
Bromoxynil Octanoate
Furfural
Iprodione
Maneb
Triallate

10 Compounds showed decreases due to volatile definition changes

9 Compounds showed decreases of about 1 order of magnitude or more due to volatile definition changes

1,1-Biphenyl
2-Methylnaphthalene
1-Naphthylamine
O-Nitroaniline
Nitrobenzene
N-Nitroso-di-n-butylamine
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
Phthalic Anhydride

1 Compound was affected by both toxicity value changes and the volatile definition change with a decrease of about one order of magnitude or more

P-Chloronitrobenzene

27 Compounds showed minimal changes due to rounding adjustments (11 increased, 16 decreased)

TOTAL increased: 24

TOTAL decreased: 40

Table 4A changes:

2 compounds showed increases due to toxicity value changes

1 compound showed an increase of about 1 order of magnitude or more due to toxicity value changes

Chromium VI

1 Compounds showed a decrease due to toxicity value changes

1 Compound showed a minimal increase due to rounding adjustments

TOTAL increased: 3

TOTAL decreased: 1

Table 4B changes:

2 Compounds showed minimal changes due to toxicity value changes