

LIST OF ABBREVIATIONS

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| ACGIH | American Conference of Governmental Industrial Hygienists |
| ACO | acyl-coenzyme A oxidase |
| ADH | alcohol dehydrogenase |
| AhR | aryl hydrocarbon receptor |
| ALDH | aldehyde dehydrogenase |
| AQ | anthraquinone |
| AR | androgen receptor |
| ATPase | adenine triphosphatase |
| AUC | area under the curve |
| BaX | Bcl-2-associated X |
| Bcl-2 | B-cell lymphoma-2 |
| bw | body weight |
| CALUX | chemically activated luciferase gene expression |
| CAPD | continuous ambulatory peritoneal dialysis |
| CAR | constitutive androstane receptor |
| CAT | carnitine acetyl transferase |
| CI | confidence interval |
| CYP | cytochrome P450 |
| DBP | dibutyl phthalate |
| DCP | 1,3-dichloropropanol |
| DEHP | di(2-ethylhexyl) phthalate |
| DEP | diethyl phthalate |
| DINP | di-isononyl phthalate |
| E2 | 17 β -estradiol |
| EC50 | half the minimum effect concentration |
| ECD | electron capture detection |
| ECH | epichlorohydrin |
| EFSA | European Food Safety Authority |
| 2-EH | 2-ethylhexanol |
| 2-EHA | 2-ethylhexanoic acid |
| EPA | Environmental Protection Agency |
| ER | estrogen receptor |
| EU | European Union |
| FID | flame ionization detection |
| GC | gas chromatography |
| GSH | glutathione |

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| GST | glutathione <i>S</i> -transferase |
| HFBI | heptafluorobutyrylimidazole |
| hPXR | human pregnane X receptor |
| HVP | acid-hydrolysed vegetable protein |
| IC50 | half maximal inhibitory concentration |
| Ig | immunoglobulin |
| IL | interleukin |
| K _{ow} | octanol/water constant |
| KZG | Kurz Zeit Gedächtnis |
| LBW | low birth weight |
| MAK | Maximale Arbeitsplatz-Konzentration |
| MBzP | monobenzyl phthalate |
| MCMHP | mono(2-carboxymethyl)hexyl phthalate |
| 3-MCPD | 3-monochloro-1,2-propanediol |
| MCPP | mono(3-carboxypropyl) phthalate |
| MDR | multidrug response |
| MECPP | mono(2-ethyl-5-carboxypentyl) phthalate |
| MEHHP | mono(2-ethyl-5-hydroxyhexyl) phthalate |
| MEHP | mono(2-ethylhexyl) phthalate |
| MEOHP | mono(2-ethyl-5-oxohexyl) phthalate |
| MEP | monoethyl phthalate |
| MiBP | monoisobutyl phthalate |
| MMP | monomethyl phthalate |
| MnBP | mono- <i>n</i> -butyl phthalate |
| mPXR | mouse pregnane X receptor |
| mRNA | messenger RNA |
| MS | mass spectrometry |
| MSHA | Mine Safety and Health Administration |
| NADPH | nicotinamide adenine dinucleotide phosphate |
| NAT | <i>N</i> -acetyl transferase |
| ND | not detected |
| NDEA | <i>N</i> -nitrosodiethylamine |
| NDMA | <i>N</i> -nitrosodimethylamine |
| NIOSH | National Institute of Occupational Safety and Health |
| NO _x | nitrogen oxides |
| NPRI | National Pollution Release Inventory |
| NR | not reported |
| NS | not significant |
| NTP | National Toxicology Program |
| OEL | occupational exposure limit |
| 8-OHdG | 8-hydroxydeoxyguanosine |
| OSHA | Occupational Safety and Health Administration |
| P450R | nicotinamide adenine dinucleotide phosphate-cytochrome P450 oxidoreductase |
| PAH | polycyclic aromatic hydrocarbon |
| PBA | phenylboronic acid |
| PBT | persistent, bioaccumulative and toxic |
| PEL | permissible exposure limit |
| PID | photoionization detection |

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| PLD | phospholipidase D |
| POBN | α -(4-pyridyl-1-oxide)- <i>N</i> - <i>tert</i> -butylnitrone |
| PPAR | peroxisome proliferator-activated receptor |
| PPRE | peroxisome proliferator response element |
| PUFA | polyunsaturated fatty acid |
| PVC | polyvinyl chloride |
| REL | recommended exposure limit |
| RT-PCR | reverse transcriptase-polymerase chain reaction |
| SAM | S-adenosyl methionine |
| SD | standard deviation |
| SHE | Syrian hamster embryo |
| SIR | standardized incidence ratio |
| sk | skin notation |
| SMR | standardized mortality ratio |
| STEL | short-term exposure limit |
| SULT | sulfotransferase |
| T4 | thyroxine |
| TDI | tolerable daily intake |
| TGF | transforming growth factor |
| TLV | threshold limit value |
| TNF α / α Ama | tumour necrosis factor α / α -amanitine |
| TPA | 12- <i>O</i> -tetradecanoyl phorbol-13-acetate |
| TSH | thyroid-stimulating hormone |
| TWA | time-weighted average |
| UDGPT | uridine diphosphate glucuronosyl transferase |
| UGT | 5'-diphospho-glucuronosyl transferase |
| UV | ultraviolet |
| VME | valeur moyenne d'exposition |
| WY-14 643 | 4-chloro-6-(2,3-xylidino)-2-pyrimidinylthioacetic acid |
| XRE | xenobiotic response element |

