

SOME AROMATIC AMINES AND RELATED COMPOUNDS

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LIST OF ABBREVIATIONS

4-ABP	4-aminobiphenyl
8-OHdG	8-hydroxy-2'-deoxyguanosine
AC ₅₀	half-maximal activity concentration
AHR	aryl hydrocarbon receptor
ASEAN	Association of Southeast Asian Nations
BER	base excision repair
BLV	biological limit value
bw	body weight
CDK	cyclin-dependent kinases
CDR	Chemical Data Reporting
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CoA	acetyl coenzyme A
CYP	cytochrome P450
EASE	Estimation and Assessment of Substance Exposure Physico-chemical properties
EC	European Community
ECHA	European Chemicals Agency
EFSA	European Food Safety Authority
FDA	Food and Drug Administration
GC-ECD	gas chromatography with electron-capture detection
GC-FID	gas chromatography and flame ionization detection
GC-MS	gas chromatography-mass spectrometry
GLP	good laboratory practice
GM	geometric mean
hOGG1	human 8-oxoguanine DNA-glycosylase 1
HPLC-UV	high-performance liquid chromatography with ultraviolet detection
IUPAC	International Union of Pure and Applied Chemistry
JEM	job-exposure matrix
LD ₅₀	median lethal dose
LOQ	limit of quantification
MBT	2-mercaptobenzothiazole
MDI	4,4-methylene diphenyl diisocyanate
miRNA	microRNA
mRNA	messenger RNA
NAT	<i>N</i> -acetyltransferase

NDEA	<i>N</i> -nitrosodiethylamine
NDMA	<i>N</i> -nitrosodimethylamine
NIOSH	National Institute for Occupational Safety and Health
NOS	not otherwise specified
NSRL	no-significant-risk level
OEL	occupational exposure limit
OGG1	8-oxoguanine glycosylase
OSHA	Occupational Safety and Health Administration
PBN	phenyl- β -naphthylamine
PEL	permitted exposure limit
PXR	pregnane X receptor
QSAR	quantitative structure–activity relationship
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
ROS	reactive oxygen species
RQ	reportable quantity
RR	relative risk
rRNA	ribosomal RNA
SCE	sister-chromatid exchange
SD	standard deviation
SIR	standardized incidence ratio
SMR	standardized mortality ratio
SOD	superoxide dismutase
SRR	standardized rate ratio
TLV	threshold limit value
TRI	Toxics Release Inventory
TWA	time-weighted average
US EPA	United States Environmental Protection Agency
w/w	weight per weight