CANARY Materials

Methane, CH_4
Ethane, C_2H_6
Propane, C_3H_8
Isobutane, C_4H_{10}
n-Butane, C_4H_{10}
Isopentane, C_5H_{12}
n-Pentane, C_5H_{12}
n-Hexane, C_6H_{14}
n-Heptane, C_7H_{16}
n-Octane, C_8H_{18}
n-Nonane, C_9H_{20}
n-Decane, $C_{10}H_{22}$
n-Undecane, $C_{11}H_{24}$
Ethylene, C_2H_4
Propylene, C_3H_6
Nitrogen, N_2
Carbon Dioxide, CO_2
Hydrogen Sulfide, H_2S
Hydrogen Chloride, HCl
Chlorine, Cl_2
Oxygen, O_2
Dodecane, $C_{12}H_{26}$
Tridecane, $C_{13}H_{28}$
Tetradecane, $C_{14}H_{30}$
Pentadecane, $C_{15}H_{32}$
n-Heptadecane, $C_{17}H_{36}$
Methyl Mercaptan, CH_4S
Ethyl Mercaptan, C_2H_6S
Methyl Amine, CH_5N
Carbon Monoxide, CO
Sulfur Dioxide, O_2S
Sulfur Trioxide, O_3S
Sulfuric Acid, H_2SO_4
Hydrogen Fluoride, HF
Hydrogen(equilibrium), H_2
Water, H_2O
Ammonia, H_3N
Helium, He
Neon, Ne
Argon, Ar
Krypton, Kr
Xenon, Xe
Difluoromethane, CH_2F_2
Dichloromethane, CH_2Cl_2
Chlorodifluoromethane, $CHClF_2$
Dichloromonofluoromethane, $CHCl_2F$
Dichlorodifluoromethane, CCl_2F_2
Trichlorofluoromethane, CCl_3F
1,1-Difluoroethane, $C_2H_4F_2$
1,1-Dichloroethane, $C_2H_4Cl_2$
1,2-Dichloroethane, $C_2H_4Cl_2$
Trichloroethylene, C_2HCl_3
Tetrafluoroethylene, C_2F_4
Perfluoroethane, C_2F_6
Chlorodifluoroethane, $C_2H_3ClF_2$
1,1-Dichlorotetrafluoroethane, $C_2Cl_2F_4$
1,2,2-Trichlorotrifluoroethane, $C_2Cl_3F_3$
1,2 Dichloropropane, $C_3H_6Cl_2$
Tetrachloroethylene, C_2Cl_4
Bromotrifluoroethylene, C_2BrF_3
Fluorine, F_2
Bromine, Br_2
Ozone, O_3
Boron Trifluoride, BF_3
Boron Trichloride, BCl_3
Carbon Disulfide, CS_2
Hydrazine, H_4N_2
Nitric Oxide, NO
Nitrous Oxide, N_2O
Nitrogen Dioxide, NO_2
Nitric Acid, HNO_3
Nitrogen Trifluoride, F_3N
Hydrogen Bromide, HBr
Diborane, B_2H_6
Titanium Tetrachloride, $TiCl_4$
Chlorine Dioxide,ClO_2
Sulfur Tetrafluoride, SF_4
Carbon Oxysulfide, COS
Carbon Tetrafluoride, CF_4
Carbon Tetrachloride, CCl_4
Hydrogen Cyanide, CHN
Fluoroform, CHF_3
Chloroform, $CHCl_3$
Phosgene, CCl_2O
Formaldehyde, CH_2O
Methyl Fluoride, CH_3F
Methyl Chloride, CH_3Cl
Methyl Bromide, CH_3Br
Methyl Iodide, CH_3I
Nitromethane, CH_3NO_2
Methanol, CH_4O
Methyl Hydrazine, CH_6N_2
Formic Acid, CH_2O_2
Cyanogen, C_2N_2
Trifluoroacetonitrile, C_2F_3N
Acetylene, C_2H_2
Ketene, C_2H_2O
Vinylidene Fluoride, $C_2H_2F_2$
Vinyl Fluoride, C_2H_3F
Acetonitrile, C_2H_3N
Methyl Isocyanate, C_2H_3NO
Vinyl Chloride, C_2H_3Cl
Acetyl Chloride, C_2H_3ClO
Acetaldehyde, C_2H_4O

CANARY Materials

Ethylene Oxide, C_2H_4O
Acetic Acid, $C_2H_4O_2$
Methyl Formate, $C_2H_4O_2$
Ethyl Bromide, C_2H_5Br
Ethyl Chloride, C_2H_5Cl
Ethyl Fluoride, C_2H_5F
Dimethyl Ether, C_2H_6O
Ethanol, C_2H_6O
Methyl Ether, C_2H_6O
Dimethyl Sulfide, C_2H_6S
Dimethylamine, C_2H_7N
Ethyl Amine, C_2H_7N
Ethylenediamine, $C_2H_8N_2$
Acrylonitrile, C_3H_3N
Propyne, C_3H_4
Propadiene, C_3H_4
Acrolein, C_3H_4O
Acrylic Acid, $C_3H_4O_2$
Vinyl Formate, $C_3H_4O_2$
Propionitrile, C_3H_5N
Allyl Chloride, C_3H_5Cl
1,2,3-Trichloropropane, $C_3H_5Cl_3$
Epichlorohydrin, C_3H_5ClO
Cyclopropane, C_3H_6
Acetone, C_3H_6O
Propylene Oxide, C_3H_6O
Allyl Alcohol, C_3H_6O
Vinyl Methyl Ether, C_3H_6O
Ethyl Formate, $C_3H_6O_2$
Methyl Acetate, $C_3H_6O_2$
Propionic Acid, $C_3H_6O_2$
Propyl Chloride, C_3H_7Cl
Isopropyl Chloride, C_3H_7Cl
1-Propanol, C_3H_8O
Isopropyl Alcohol, C_3H_8O
Methyl Ethyl Ether, C_3H_8O
Isopropyl Amine, C_3H_9N
n-Propyl Amine, C_3H_9N
Trimethyl Amine, C_3H_9N
Methyl Ethyl Sulfide, C_3H_8S
2-Chloropropylene, C_3H_5Cl
Vinyl Acetylene, C_4H_4
Furan, C_4H_4O
Thiophene, C_4H_4S
Allyl Cyanide, C_4H_5N
Ethyl Acetylene (1-Butyne), C_4H_6
2-Butyne, C_4H_6
1,2-Butadiene, C_4H_6
1,3 Butadiene, C_4H_6
trans-Crotonaldehyde, C_4H_6O
Vinyl Acetate Monomer, $C_4H_6O_2$
Methyl Acrylate, $C_4H_6O_2$
1-Butene, C_4H_8
trans-2-Butene, C_4H_8
cis-2-Butene, C_4H_8
Cyclobutane, C_4H_8
Isobutylene, C_4H_8
Isobutyraldehyde, C_4H_8O
Methyl Ethyl Ketone, C_4H_8O
Tetrahydrofuran, C_4H_8O
Vinyl Ethyl Ether, C_4H_8O
1,4-Dioxane, $C_4H_8O_2$
n-Butyric Acid, $C_4H_8O_2$
Isobutyric Acid, $C_4H_8O_2$
Methyl Propionate, $C_4H_8O_2$
Ethyl Acetate, $C_4H_8O_2$
Sulfolane, $C_4H_8O_2S$
1-Chlorobutane, C_4H_9Cl
2-Chlorobutane, C_4H_9Cl
tert-Butyl Chloride, C_4H_9Cl
Pyrrolidine, C_4H_9N
Morpholine, C_4H_9NO
2-Butanol, $C_4H_{10}O$
n-Butanol, $C_4H_{10}O$
Isobutanol, $C_4H_{10}O$
tert-Butanol, $C_4H_{10}O$
Diethyl Ether, $C_4H_{10}O$
1,2-Dimethoxyethane, $C_4H_{10}O_2$
Diethyl Sulfide, $C_4H_{10}S$
Diethyl Amine, $C_4H_{11}N$
Pyridine, C_5H_5N
1,2-Pentadiene, C_5H_8
1,3-Pentadiene, C_5H_8
trans-1,3-Pentadiene, C_5H_8
1,4-Pentadiene, C_5H_8
3-Methyl-1,2-Butadiene, C_5H_8
Isoprene, C_5H_8
1-Pentyne, C_5H_8
Cyclopentanone, C_5H_8O
Ethyl Acrylate, $C_5H_8O_2$
1-Pentene, C_5H_{10}
cis-2-Pentene, C_5H_{10}
trans-2-Pentene, C_5H_{10}
Cyclopentane, C_5H_{10}
3-Methyl-1-Butene, C_5H_{10}
2-Methyl-1-Butene, C_5H_{10}
Diethyl Ketone, $C_5H_{10}O$
Methyl Isopropyl Ketone, $C_5H_{10}O$
Methyl n-Propyl Ketone, $C_5H_{10}O$
Ethyl Propionate, $C_5H_{10}O_2$
Isobutyl Formate, $C_5H_{10}O_2$
n-Propyl Acetate, $C_5H_{10}O_2$
Piperidine, $C_5H_{11}N$
2,2-Dimethylpropane (Neopentane), C_5H_{12}

CANARY Materials

MTBE, $C_5H_{12}O$
o-Dichlorobenzene, $C_6H_4Cl_2$
Fluorobenzene, C_6H_5F
Chlorobenzene, C_6H_5Cl
Bromobenzene, C_6H_5Br
Iodobenzene, C_6H_5I
Benzene, C_6H_6
Phenol, C_6H_6O
Aniline, C_6H_7N
4-Methylpyridine, C_6H_7N
1-Hexene, C_6H_{12}
2,3-Dimethyl-1-Butene, C_6H_{12}
Cyclohexane, C_6H_{12}
Methylcyclopentane, C_6H_{12}
trans-2-Hexene, C_6H_{12}
trans-3-Hexene, C_6H_{12}
Diisopropyl Ether, $C_6H_{14}O$
Ethyl Butyl Ether, $C_6H_{14}O$
2-Methyl-2-Pentene, C_6H_{12}
4-Methyl 2-Pentanol, $C_6H_{14}O$
Toluene, C_7H_8
Styrene Monomer, C_8H_8
Ethylbenzene, C_8H_{10}
ortho-Xylene, C_8H_{10}
meta-Xylene, C_8H_{10}
para-Xylene, C_8H_{10}
1-Octene, C_8H_{16}
2,2,3-Trimethylpentane, C_8H_{18}
3-Methylheptane, C_8H_{18}
1-Octanol, $C_8H_{18}O$
Naphthalene, $C_{10}H_8$
1-Decene, $C_{10}H_{20}$
1-Methylnaphthalene, $C_{11}H_{10}$
2-Methylnaphthalene, $C_{11}H_{10}$
Toluene Diisocyanate, $C_9H_6N_2O_2$
Diphenyl, $C_{12}H_{10}$
Diphenyl Ether, $C_{12}H_{10}O$