Standard Enthalpies of Formation at 298.15 K

Substance	Chemical Formula	ΔH^o_f (kJ/mol)	
ammonia	$NH_3(g)$	-46.11	
ammonium chloride	$NH_4Cl(s)$	-314.43	
carbon dioxide	$CO_2(g)$	-393.51	
carbon monoxide	$CO(g)$	-110.53	
hydrogen chloride	$HCl(g)$	-92.31	
hydrochloric acid	$HCl(aq)$	-167.16	
hydrogen bromide	$HBr(g)$	-36.40	
nitric acid	$HNO_3(aq)$	-207.36	
nitrogen monoxide	$NO(g)$	+90.25	
nitrogen dioxide	$NO_2(g)$	+33.18	
phosphoric acid	$H_3PO_4(aq)$	-1277	
potassium carbonate	$K_2CO_3(s)$	-1151	
potassium chloride	$KCl(s)$	-436.75	
potassium hydroxide	$KOH(s)$	-424.76	
potassium hydroxide	$KOH(aq)$	-482.37	
potassium phosphate	$K_3PO_4(s)$	-1950	
potassium superoxide	$KO_2(s)$	-284.9	
sodium bicarbonate	$NaHCO_3(s)$	-950.9	
sodium chloride	$NaCl(s)$	-411.15	
sodium hydroxide	$NaOH(s)$	-425.61	
sodium hydroxide	$NaOH(aq)$	-470.11	
sodium sulfate	$Na_2SO_4(s)$	-1387	
sulfuric acid	$H_2SO_4(aq)$	-909.27	
tetraphosphorous decaoxide	$P_4O_{10}(s)$	-2984	
water	$H_2O(l)$	-285.83	
water	$H_2O(g)$	-241.82	
methane	$CH_4(g)$	-74.81	
ethane	$C_2H_6(g)$	-84.68	
ethene	$C_2H_4(g)$	+52.26	
propane	$C_3H_8(g)$	-103.85	
propene	$C_3H_6(g)$	+20.42	
butane	$C_4H_{10}(g)$	-126.15	
pentane	$C_5H_{12}(g)$	-146.44	
octane	$C_8H_{18}(l)$	-249.9	
methanol	$CH_3OH(l)$	-238.86	
ethanol	$C_2H_5OH(l)$	-277.69	
propanol	$C_3H_7OH(l)$	-304	
butanol	$C_4H_9OH(l)$	-327.1	
ethanoic acid	$CH_3CO_2H(l)$	-484.5	
propanoic acid	$C_2H_5CO_2H(l)$	-510.8	
aminoethane	$C_2H_5NH_2(g)$	-46.03	
aminopropane	$C_3H_7NH_2(g)$	-72.39	
aminobutane	$C_4H_9NH_2(l)$	-127.7	
chloroethane	$C_2H_5Cl(g)$	-112.3	
dichloroethane	$C_2H_4Cl_2(l)$	-165.2	
chloropropane	$C_3H_7Cl(g)$	-130.1	
dichloropropane	$C_3H_6Cl_2(g)$	-165.7	
chlorobutane	$C_4H_9Cl(g)$	-147.3	
bromoethane	$C_2H_5Br(l)$	-92.0	
bromopropane	$C_3H_7Br(l)$	-87.87	
glucose	$C_6H_{12}O_6(s)$	-1268	"carbohydrate"
hexadecanoic acid	$C_{15}H_{31}CO_2H(s)$	-892.5	"fat"
glutamic acid	$C_5H_9NO_4(s)$	-1009.7	"protein"