Calculate the p-functions for each ion in a solution that is 0.40 M in HCl and 0.020 M in NaCl.

Answer:
The p-function can be calculated by taken the negative logarithm of the concentration of the ion multiplied by the stoichiometric number of the ion in the molecule.
   1) $p(H^+) = p(Cl^-) = -\log (0.40) = 0.398$
   2) $p(Na^+) = p(Cl^-) = -\log (0.02) = 1.699$

Answer provided by www.AssignmentExpert.com