Table 1. *Atomic solvation parameters determined with different surface descriptors*[a]

Type of surface	C	N/O	O^-	N^+	S
MS	24 ± 2	−28 ± 3	−71 ± 6	−83 ± 5	−14 ± 5
SAS	12 ± 1	−13 ± 4	−38 ± 6	−29 ± 5	−9 ± 5
VV	24 ± 2	−14 ± 3	−61 ± 8	−73 ± 7	−14 ± 5
EM	18 ± 1	−9 ± 3	−37 ± 7	−38 ± 4	−5 ± 6

[a] Atomic solvation parameters calculated using solvent-accessible surfaces (SAS), molecular surfaces (MS), and Voronoi volumes (VV). The values used in calculating association energies are those of Eisenberg and McLaughlin (EM).