

Substituent	σ meta	σ para
CH ₃	-0.07	-0.17
C ₂ H ₅	-0.07	-0.15
CH(CH ₃) ₂	—	-0.15
CH(CH ₃) ₃	—	-0.20
N(CH ₃) ₂	—	-0.83
H	0	0
OH	+0.12	-0.37
OCH ₃	+0.12	-0.27
C ₆ H ₅	+0.06	-0.01
COOH	+0.37	+0.45
COO ⁻	+0.10	0.0
CF ₃	+0.43	+0.54
C≡CH	+0.20	+0.23
F	+0.34	+0.06
Cl	+0.37	+0.23
Br	+0.39	+0.23
I	+0.35	+0.18
CHO	+0.36	+0.44
C≡N	+0.56	+0.66
NO ₂	+0.71	+0.78
N(CH ₃) ₃ ⁺	+0.88	+0.82
S(CH ₃) ₂ ⁺	+1.00	+0.90

Medium	Benzoic acids ρ	Phenols ρ
Water	1.00	2.1
Dimethyl formamide	2.35	4.5
Acetonitrile	2.4	4.5–4.8
Dimethyl sulfoxide	2.5	4.3
Nitromethane	2.55	—
Gas phase	10.6	9.7