

Table 2

Analytical method qualification parameters for the quantification of BPS and derivatives in hepatocyte incubations.

Chemical (Abbreviation)	Concentration (ng/mL)	Correlation coefficient (r) ^a	Accuracy (% RE) ^b	Precision (%RSD)
Bisphenol S (BPS)	1 to 1000	0.997	-4 to 20	2 to 11
2,4-Bisphenol S (2,4-BPS)	1 to 1000	0.996	-15 to 17	1 to 13
Bis(4-hydroxyphenyl)sulfonylphenyl (BPS MAE)	1 to 1000	0.988	-20 to 19	2 to 15
4-Hydroxy-4'isopropoxydiphenylsulfone (D8)	1 to 1000	0.994	-15 to 14	2 to 19
4,4'Sulfonylbis[2-(2-propenyl)]phenol (TGSA)	1 to 1000	0.988	-18 to 19	7 to 20
4-Benzyloxyphenyl-4-hydroxyphenyl sulfone (BPS-MPE)	1 to 1000	0.995	-15 to 15	2 to 18
^a Bis(2-chloroethyl)ether-4,4"-dihydroxydiphenyl sulfone copolymer (D90)	5 to 1000	0.997	-15 to 12	1 to 11

^a Curves were fitted with linear 1/x or 1/x² weighted regression, depending on the chemical.

^b RE, relative error; RSD, relative standard deviation.