Electronic Supplementary Material (ESI) for Analytical Methods.

SUPPLEMENTARY INFORMATION

Application of robust solid-phase microextraction fiber consisting of NiTi wire coated with polypyrrole for determination of haloanisoles in water and wine

Kalya Cravo Di Pietro Roux[a], Éverton Fabian Jasinski[b], Josias Merib[a], Maria Luísa Sartorelli[b], Eduardo Carasek[a].

[a] Departamento de Química, Universidade Federal de Santa Catarina, Florianópolis, SC 88040-900, Brazil.

[b] Departamento de Física, Universidade Federal de Santa Catarina, Florianópolis, SC 88040-900, Brazil.

Table S1. Matrix of experiments corresponding to the full factorial design used for the optimization of potential and amount of charge.

Experiment	Potential (Volts)	Charge (Coulomb)
1	1.2	0.08
2	1.8	0.08
3	1.2	0.40
4	1.8	0.40
5 (central point)	1.5	0.24
6 (central point)	1.5	0.24
7 (central point)	1.5	0.24

Table S2. Matrix of experiments corresponding to the full factorial design used for the optimization of the experimental extraction conditions.

Experiment	Extraction Temperature (°C)	Extraction Time (min)	Mass of NaCl (g/20mL)
1	40	20	0
2	40	20	6
3	40	60	0
4	40	60	6
5	80	20	0
6	80	20	6
7	80	60	0
8	80	60	6
9 (central point)	60	40	3
10 (central point)	60	40	3
11(central point)	60	40	3

Table S3. Matrix of experiments corresponding to the Doehlert design used for the optimization of the experimental extraction conditions.

Experiment	Extraction Temperature (°C)	Mass of NaCl (g/20mL)
1	40	3
2	40	5
3	50	4
4	50	4
5	50	4
6	50	6
7	60	3
8	60	5
9	50	2

Figure S1. Thermogravimetric curve of proposed PPy at 20°C min^{-1} heating rate in nitrogen atmosphere.