

Table 3. Concentration of 2,6-DTBP in pure and spiked jet fuel samples by the proposed and GC methods, respective recovery values, and *t*-test values obtained for comparative results of the spiked samples.

Sample	BIA (mg L ⁻¹)			Recovery (%)	GC (mg L ⁻¹) Spiked Samples*	<i>t</i> -test 95% <i>t</i> _{critical} = 2.35
	<i>Found</i>	<i>Spiked</i>	<i>Recovery</i>			
I	56±2	100	127±13	81±10	123±4	0.3
II	41±3	310	330±12	94±4	336±10	0.4
III	33±3	205	211±10	89±5	223±7	1.2

*GC analyses of unspiked samples presented results in the range between the LOD (30 mg L⁻¹) and LOQ (100 mg L⁻¹) values.