

	Emission without catalytic converter (mg kg ⁻¹)	Emission with catalytic converter (mg kg ⁻¹)	Removal efficiency (%)
Individual compounds			
Benzene	19.50 ± 1.75	1.88 ± 0.17	90.4 ± 9.0
Toluene	3.89 ± 0.37	1.58 ± 0.15	59.3 ± 9.4
Ethyl benzene	1.56 ± 0.36	0.05 ± 0.01	97.1 ± 22.8
<i>m/p</i> -xylene	2.98 ± 0.62	0.13 ± 0.03	95.7 ± 20.9
<i>o</i> -xylene	2.17 ± 0.55	0.22 ± 0.06	89.7 ± 25.3
Styrene	2.74 ± 0.69	0.01 ± 0.004	99.5 ± 25.3
1,3,5-TMB	2.26 ± 0.36	0	100 ^a
1,2,4-TMB	2.45 ± 0.21	0	100 ^a
1,2,3-TMB	1.92 ± 0.20	0	100 ^a
Heptane	2.37 ± 0.14	0.53 ± 0.03	77.4 ± 5.7
Octane	4.96 ± 0.57	0	100 ^a
Nonane	11.72 ± 1.08	2.44 ± 0.22	79.2 ± 9.2
Decane	33.83 ± 3.11	7.30 ± 0.67	78.4 ± 9.2
Undecane	49.76 ± 4.57	32.34 ± 2.97	35.0 ± 9.2
Dodecane	137.65 ± 12.64	156.60 ± 14.38	0 ^b
Groupings			
<i>Branched aliphatics</i>			
C ₇	4.41 ± 1.00	1.25 ± 0.28	71.6 ± 22.6
C ₈	18.77 ± 4.76	3.68 ± 0.93	80.4 ± 25.4
C ₉	46.78 ± 10.70	6.65 ± 1.52	85.8 ± 22.9
C ₁₀	76.81 ± 18.78	17.33 ± 4.24	77.4 ± 24.4
C ₁₁	71.95 ± 16.43	31.97 ± 7.30	55.6 ± 22.8
C ₁₂	86.36 ± 20.80	74.41 ± 17.92	13.8 ± 24.1
<i>Aromatic substitutions</i>			
C ₃	14.18 ± 3.13	5.20 ± 1.15	63.3 ± 22.1
Total groupings			
Aliphatics	545.37 ± 37.22	334.50 ± 24.74	38.66 ± 11.7
Aromatics	53.65 ± 3.81	9.07 ± 1.17	83.09 ± 2.6
Total speciated	599.02 ± 37.41	343.58 ± 24.77	42.64 ± 9.7