**Supplemental Material**

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Table S1. Spearman rank correlations between the various biomarkers (SG\_corrected)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2,4-Dichlorophenol | 2,5-Dichlorophenol | Benzophenone-3 | BPA | BPF | BPS | Triclosan | Triclocarban | Methyl  paraben | Ethyl Paraben | Propyl  paraben | Butyl  paraben |
| 2,4-Dichlorophenol | 1 | **0.65\*\*** | 0.11 | 0.14 | 0.00 | 0.03 | **0.46\*\*** | 0.02 | 0.14 | 0.14 | 0.15 | 0.07 |
| 2,5-Dichlorophenol |  | 1 | 0.04 | 0.17 | 0.00 | 0.04 | -0.03 | 0.11 | 0.09 | 0.10 | 0.12 | 0.05 |
| Benzophenone-3 |  |  | 1 | 0.08 | 0.08 | 0.06 | 0.16 | -0.07 | 0.30 | 0.23 | 0.28 | 0.24 |
| BPA |  |  |  | 1 | 0.09 | 0.18 | 0.05 | 0.09 | 0.11 | 0.07 | 0.10 | 0.05 |
| BPF |  |  |  |  | 1 | 0.03 | 0.03 | -0.07 | 0.02 | 0.08 | 0.02 | 0.09 |
| BPS |  |  |  |  |  | 1 | -0.01 | 0.08 | 0.02 | -0.02 | 0.02 | 0.03 |
| Triclosan |  |  |  |  |  |  | 1 | -0.07 | 0.10 | 0.11 | 0.08 | 0.08 |
| Triclocarban |  |  |  |  |  |  |  | 1 | -0.05 | -0.03 | -0.06 | -0.09 |
| Methylparaben |  |  |  |  |  |  |  |  | 1 | **0.44\*\*** | **0.78\*\*** | **0.38\*\*** |
| Ethylparaben |  |  |  |  |  |  |  |  |  | 1 | **0.43\*\*** | **0.34\*\*** |
| Propylparaben |  |  |  |  |  |  |  |  |  |  | 1 | **0.43\*\*** |
| Butylparaben |  |  |  |  |  |  |  |  |  |  |  | 1 |

\*\* spearman correlation p-value <0.01

Table S2. P-values from one-way ANOVA comparing the geometric mean biomarker concentrations between study visits (i.e., time points in gestation)

|  |  |  |
| --- | --- | --- |
| Biomarkers | Uncorrected | SG\_correcteda |
| P\_valueb | P\_valueb |
| *2,4-Dichlorophenol* | **0.03** | 0.36 |
| *2,5-Dichlorophenol* | **0.00** | **0.02** |
| *Benzophenone-3* | **0.03** | 0.18 |
| *BPA* | **<0.0001** | **0.00** |
| *BPF* | **0.07** | 0.46 |
| *BPS* | 0.59 | 0.59 |
| *Triclosan* | 0.85 | 0.96 |
| *Triclocarban* | 0.33 | 0.15 |
| *Methylparaben* | 0.18 | 0.12 |
| *Ethylparaben* | **0.00** | **0.01** |
| *Propylparaben* | **0.09** | 0.12 |
| *Butylparaben* | **0.00** | **0.02** |

a specific gravity corrected concentration

b p-values from linear mixed effects models accounting for within-person correlations

**Figure S1.** Boxplots comparing SG-corrected concentrations of urinary biomarkers across study visits. Visit 1 (18 ± 2 weeks gestation), Visit 2 (22 ± 2 weeks), Visit 3 (26 ± 2 weeks).



**Figure S2**. Distribution of Urinary Triclosan Concentrations among Different Brands of Liquid Soap User and Non-Users Self-reported in the 48-h Recallab



a The percentage number listed in the parenthesis is the active ingredient percentage in the corresponding brand product

b Number (n) of participants using the particular brands are 16 (brand 1), 22 (brand 2), 9 (brand 3), 73 (brand 4), 625 (brand 5), 20 (brand 6), 418 (brand7), and 210 (non-users)