|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | In solution | |  | In sands from sites 1-3 |  | In sand from site 4 |
|  | LOD (ng/mL) | LOQ (ng/mL) |  | LOQ (µg/g) |  | LOQ (µg/g) |
| Tinosorb S | 22 | 216 |  | 2.2 |  | 0.22 |
| Avobenzone | 34 | 342 |  | 3.4 |  | 0.34 |
| Benzophenone | 7 | 72 |  | 0.7 |  | 0.07 |
| Oxybenzone | 9 | 89 |  | 0.9 |  | 0.09 |
| BS | 94 | 936 |  | 9.4 |  | 0.94 |
| Octinoxate | 9 | 89 |  | 0.9 |  | 0.09 |
| Octisalate | 93 | 932 |  | 9.3 |  | 0.93 |
| Homosalate | 72 | 720 |  | 7.2 |  | 0.72 |
| Tinosorb M | 35 | 349 |  | 3.5 |  | 0.35 |
| Octocrylene | 23 | 232 |  | 2.3 |  | 0.23 |

**Supplemental Table 2.** Instrumental limit of detection in solution; limits of quantitation in solution and in sand samples. BS = butyloctyl salicylate. LOD = Limit of detection. LOQ = Limit of quantitation.