

Supporting Information

Table S1. Volatile halogenated compounds selected for the identification and quantification.

| Compound | CAS number | D.L. ($\mu\text{g/L}$) | Retention time (min) |
|-------------------------|-------------------|--|-----------------------------|
| Bromomethane | 74-83-9 | 10 | 2.50 |
| Chloroethane | 75-00-3 | 1.0 | 2.65 |
| Trichlorofluoromethane | 75-69-4 | 2.5 | 3.00 |
| 1,1- Dichloroethene | 75-35-4 | 2.5 | 3.86 |
| Dicloromethane | 75-09-2 | 1.0 | 4.90 |
| 1,1-Dichloroethane | 75-34-3 | 2.5 | 6.55 |
| Trichloromethane | 67-66-3 | 1.0 | 9.69 |
| 1,1,1-Trichloroethane | 71-55-6 | 2.5 | 10.07 |
| Tetrachloromethane | 56-23-5 | 2.5 | 10.63 |
| Benzene | 71-43-2 | 2.5 | 11.67 |
| 1,2-Dichloroethane | 107-06-2 | 10 | 12.02 |
| Trichloroethene | 79-01-6 | 1.0 | 14.29 |
| Bromodichloromethane | 75-27-4 | 5 | 16.52 |
| c-1,3-Dichloropropene | 10061-01-5 | 10 | 18.22 |
| Tetrachloroethene | 127-18-4 | 1.0 | 21.03 |
| Dibromocloromethane | 124-48-1 | 10 | 22.32 |
| Chlorobenzene | 108-90-7 | 1.0 | 24.32 |
| Ethyl-benzene | 100-41-4 | 1.0 | 24.82 |
| Tribromomethane | 75-25-2 | 10 | 27.45 |
| 1-bromo,3-fluorobenzene | 1073-06-9 | 2.5 | 28.61 |
| 1,3-Dichlorobenzene | 541-73-1 | 1.0 | 32.48 |
| 1,4-Dichlorobenzene | 106-46-7 | 0.5 | 32.85 |
| 1,2-Dichlorobenzene | 95-50-1 | 0.5 | 34.17 |