

## **Proficiency Testing - Regulated Volatiles, potable water**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | ERA-840                           |
| Unit            | each                              |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

One 2 mL flame-sealed ampule yields in excess of 200 mL after dilution. Contains all of the analytes below at 2-50 µg/L /// Methods: EPA 502.1, EPA 502.2, EPA 503.1, EPA 524.1, EPA 524.2

| Text/Information | Analyte/Parameter                    | CAS number                      | Concentration/Value | Unit | Method | Source |
|------------------|--------------------------------------|---------------------------------|---------------------|------|--------|--------|
|                  | 1,1,2-Trichloroethane                | [79-00-5]                       | 2,0 - 20,0          | µg/L |        |        |
|                  | 1,1-Dichloroethene                   | [75-35-4]                       | 2,0 - 20,0          | µg/L |        |        |
|                  | 1,2,4-Trichlorobenzene               | [120-82-1]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | 1,2-Dichlorobenzene                  | [95-50-1]                       | 5,0 - 20,0          | µg/L |        |        |
|                  | 1,2-Dichloroethane                   | [107-06-2]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | 1,2-Dichloropropane                  | [78-87-5]                       | 2,5 - 20            | µg/L |        |        |
|                  | 1,4-Dichlorobenzene                  | [106-46-7]                      | 2,5 - 20            | µg/L |        |        |
|                  | Benzene                              | [71-43-2]                       | 2,5 - 20            | µg/L |        |        |
|                  | Chlorobenzene                        | [108-90-7]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | Ethylbenzene                         | [100-41-4]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | Methylene chloride (Dichloromethane) | [75-09-2]                       | 5,0 - 20,0          | µg/L |        |        |
|                  | Styrene                              | [100-42-5]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | Tetrachloroethene                    | [127-18-4]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | Toluene                              | [108-88-3]                      | 2,0 - 20,0          | µg/L |        |        |
|                  | Xylenes, total                       | [108-38-3]/[106-42-3]/[95-47-6] | 2,0 - 50            | µg/L |        |        |
|                  | Trichloroethene                      | [79-01-6]                       | 2,0 - 20,0          | µg/L |        |        |
|                  | Vinyl chloride                       | [75-01-4]                       | 1,0 - 50,0          | µg/L |        |        |
|                  | cis-1,2-Dichloroethene               | [156-59-2]                      | 2,0 - 50            | µg/L |        |        |
|                  | m and p-Xylene                       | [108-38-3]/[106-42-3]           | 0,5 - 50            | µg/L |        |        |
|                  | m-Xylene                             | [108-38-3]                      | 0,25 - 50           | µg/L |        |        |
|                  | o-Xylene                             | [95-47-6]                       | 0,25 - 50           | µg/L |        |        |
|                  | p-Xylene                             | [106-42-3]                      | 0,25 - 50           | µg/L |        |        |
|                  | trans-1,2-Dichloroethene             | [156-60-5]                      | 2,0 - 50            | µg/L |        |        |