

## Analytical Method Information

| Analyte                                 | MDL  | Reporting | Surrogate | Duplicate | Matrix Spike |     | Blank Spike / LCS |     |
|---|------|-----------|-----------|-----------|--------------|-----|-------------------|-----|
|   |      | Limit     | %R        | RPD       | %R           | RPD | %R                | RPD |
| <b>624 Volatiles in Water (EPA 624)</b> |      |           |           |           |              |     |                   |     |
| Preservation: Store cool at 4°C         |      |           |           |           |              |     |                   |     |
| Container: VOA Vial - HCl               |      |           |           |           |              |     |                   |     |
| Amount Required: 4 VOA Vials            |      |           |           |           |              |     |                   |     |
| Hold Time: 14 days                      |      |           |           |           |              |     |                   |     |
| Acetone                                 | 0.93 | 5.0 ug/l  |           |           | 32 - 164     | 25  | 56 - 155          | 25  |
| Benzene                                 | 0.23 | 0.30 ug/l |           |           | 58 - 139     | 25  | 82 - 122          | 25  |
| Bromodichloromethane                    | 0.48 | 0.50 ug/l |           |           | 62 - 140     | 25  | 86 - 135          | 25  |
| Bromoform                               | 0.39 | 0.50 ug/l |           |           | 47 - 165     | 25  | 76 - 144          | 25  |
| Bromomethane                            | 0.27 | 0.50 ug/l |           |           | 30 - 163     | 25  | 69 - 145          | 25  |
| Carbon tetrachloride                    | 0.30 | 0.50 ug/l |           |           | 65 - 153     | 25  | 77 - 134          | 25  |
| Chlorobenzene                           | 0.41 | 0.50 ug/l |           |           | 58 - 137     | 25  | 84 - 119          | 25  |
| Chloroethane                            | 0.25 | 0.50 ug/l |           |           | 59 - 141     | 25  | 68 - 133          | 25  |
| Chloroform                              | 0.41 | 0.50 ug/l |           |           | 36 - 151     | 25  | 81 - 122          | 25  |
| Chloromethane                           | 0.45 | 0.50 ug/l |           |           | 69 - 149     | 25  | 63 - 129          | 25  |
| Dibromochloromethane                    | 0.47 | 0.50 ug/l |           |           | 54 - 157     | 25  | 83 - 135          | 25  |
| 1,2-Dibromoethane (EDB)                 | 0.38 | 0.50 ug/l |           |           | 40 - 147     | 25  | 80 - 120          | 25  |
| 1,2-Dichlorobenzene                     | 0.45 | 0.50 ug/l |           |           | 57 - 137     | 25  | 84 - 121          | 25  |
| 1,3-Dichlorobenzene                     | 0.47 | 0.50 ug/l |           |           | 54 - 137     | 25  | 80 - 120          | 25  |
| 1,4-Dichlorobenzene                     | 0.48 | 0.50 ug/l |           |           | 61 - 131     | 25  | 84 - 120          | 25  |
| 1,1-Dichloroethane                      | 0.43 | 0.50 ug/l |           |           | 64 - 136     | 25  | 81 - 126          | 25  |
| 1,2-Dichloroethane                      | 0.42 | 0.50 ug/l |           |           | 58 - 133     | 25  | 77 - 117          | 25  |
| 1,1-Dichloroethene                      | 0.14 | 0.50 ug/l |           |           | 45 - 178     | 25  | 71 - 151          | 25  |
| cis-1,2-Dichloroethene                  | 0.41 | 0.50 ug/l |           |           | 66 - 141     | 25  | 84 - 131          | 25  |
| trans-1,2-Dichloroethene                | 0.48 | 0.50 ug/l |           |           | 59 - 151     | 25  | 79 - 128          | 25  |
| 1,2-Dichloropropane                     | 0.24 | 0.50 ug/l |           |           | 62 - 128     | 25  | 82 - 125          | 25  |
| cis-1,3-Dichloropropene                 | 0.49 | 0.50 ug/l |           |           | 50 - 140     | 25  | 83 - 128          | 25  |
| trans-1,3-Dichloropropene               | 0.21 | 0.50 ug/l |           |           | 40 - 144     | 25  | 67 - 129          | 25  |
| Ethylbenzene                            | 0.44 | 0.50 ug/l |           |           | 59 - 147     | 25  | 84 - 124          | 25  |
| 1,3-Dichloropropene (total)             |      | 0.50 ug/l |           |           |              |     |                   |     |
| Methyl ethyl ketone                     | 0.49 | 1.0 ug/l  |           |           | 62 - 126     | 25  | 58 - 157          | 25  |
| Methyl isobutyl ketone                  | 0.59 | 1.0 ug/l  |           |           | 66 - 127     | 25  | 70 - 130          | 25  |
| Methylene chloride                      | 0.17 | 0.50 ug/l |           |           | 43 - 143     | 25  | 72 - 132          | 25  |
| Styrene                                 | 0.47 | 0.50 ug/l |           |           | 51 - 157     | 25  | 80 - 125          | 25  |
| 1,1,2,2-Tetrachloroethane               | 0.17 | 0.50 ug/l |           |           | 50 - 143     | 25  | 90 - 121          | 25  |
| Tetrachloroethene                       | 0.33 | 0.50 ug/l |           |           | 49 - 148     | 25  | 56 - 156          | 25  |
| Toluene                                 | 0.27 | 0.30 ug/l |           |           | 59 - 147     | 25  | 76 - 137          | 25  |
| 1,1,2-Trichloroethane                   | 0.49 | 0.50 ug/l |           |           | 62 - 129     | 25  | 83 - 122          | 25  |
| 1,1,1-Trichloroethane                   | 0.36 | 0.50 ug/l |           |           | 62 - 144     | 25  | 70 - 130          | 25  |
| Vinyl chloride                          | 0.32 | 0.50 ug/l |           |           | 53 - 160     | 25  | 70 - 130          | 25  |
| Trichloroethene                         | 0.47 | 0.50 ug/l |           |           | 58 - 140     | 25  | 84 - 123          | 25  |
| o-Xylene                                | 0.44 | 0.50 ug/l |           |           | 55 - 148     | 25  | 80 - 126          | 25  |
| m,p-Xylene                              | 0.49 | 0.50 ug/l |           |           | 53 - 147     | 25  | 81 - 124          | 25  |
| Xylenes (total)                         | 0.49 | 0.50 ug/l |           |           | 49 - 153     | 25  | 81 - 126          | 25  |
| surr: Bromofluorobenzene                |      |           | 81 - 135  |           |              |     |                   |     |
| surr: Dibromofluoromethane              |      |           | 46 - 130  |           |              |     |                   |     |
| surr: Toluene-d8                        |      |           | 59 - 132  |           |              |     |                   |     |