

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2317

Client: RTP Environmental

Analytical Method: SWTO-15

Datafile : VL042624.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VL0616ABS01   | Dichlorodifluoromethane        | 10    | 10.4   | ppbv | 104 |     |      | 40 (70) | 160 (130)      |     |
|               | Chloromethane                  | 10    | 9.80   | ppbv | 98  |     |      | 40 (70) | 160 (130)      |     |
|               | Vinyl Chloride                 | 10    | 9.10   | ppbv | 91  |     |      | 70 (70) | 130 (130)      |     |
|               | Bromomethane                   | 10    | 9.30   | ppbv | 93  |     |      | 40 (70) | 160 (130)      |     |
|               | Chloroethane                   | 10    | 9.70   | ppbv | 97  |     |      | 40 (70) | 160 (130)      |     |
|               | Tetrahydrofuran                | 10    | 10.7   | ppbv | 107 |     |      | 70 (70) | 130 (130)      |     |
|               | Trichlorofluoromethane         | 10    | 11.4   | ppbv | 114 |     |      | 40 (70) | 160 (130)      |     |
|               | 1,1,2-Trichlorotrifluoroethane | 10    | 11.4   | ppbv | 114 |     |      | 70 (70) | 130 (130)      |     |
|               | Dichlorotetrafluoroethane      | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | tert-Butyl Alcohol             | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | Heptane                        | 10    | 9.60   | ppbv | 96  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1-Dichloroethene             | 10    | 10.3   | ppbv | 103 |     |      | 70 (70) | 130 (130)      |     |
|               | Acetone                        | 10    | 8.90   | ppbv | 89  |     |      | 40 (70) | 160 (130)      |     |
|               | Carbon disulfide               | 10    | 10.8   | ppbv | 108 |     |      | 40 (70) | 160 (130)      |     |
|               | Methyl tert-butyl Ether        | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | Methylene Chloride             | 10    | 9.30   | ppbv | 93  |     |      | 70 (70) | 130 (130)      |     |
|               | trans-1,2-Dichloroethene       | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1-Dichloroethane             | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | Cyclohexane                    | 10    | 9.20   | ppbv | 92  |     |      | 70 (70) | 130 (130)      |     |
|               | 2-Butanone                     | 10    | 11.1   | ppbv | 111 |     |      | 40 (70) | 160 (130)      |     |
|               | Carbon Tetrachloride           | 10    | 11.1   | ppbv | 111 |     |      | 70 (70) | 130 (130)      |     |
|               | cis-1,2-Dichloroethene         | 10    | 10.0   | ppbv | 100 |     |      | 70 (70) | 130 (130)      |     |
|               | Chloroform                     | 10    | 10.1   | ppbv | 101 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,1-Trichloroethane          | 10    | 9.70   | ppbv | 97  |     |      | 70 (70) | 130 (130)      |     |
|               | 2,2,4-Trimethylpentane         | 10    | 10.7   | ppbv | 107 |     |      | 70 (70) | 130 (130)      |     |
|               | Benzene                        | 10    | 10.8   | ppbv | 108 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichloroethane             | 10    | 11.7   | ppbv | 117 |     |      | 70 (70) | 130 (130)      |     |
|               | Trichloroethene                | 10    | 10.2   | ppbv | 102 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichloropropane            | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | Bromodichloromethane           | 10    | 11.7   | ppbv | 117 |     |      | 70 (70) | 130 (130)      |     |
|               | 4-Methyl-2-Pentanone           | 10    | 10.9   | ppbv | 109 |     |      | 40 (70) | 160 (130)      |     |
|               | Toluene                        | 10    | 10.3   | ppbv | 103 |     |      | 70 (70) | 130 (130)      |     |
|               | t-1,3-Dichloropropene          | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |
|               | cis-1,3-Dichloropropene        | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,2-Trichloroethane          | 10    | 10.8   | ppbv | 108 |     |      | 70 (70) | 130 (130)      |     |
|               | Dibromochloromethane           | 10    | 10.8   | ppbv | 108 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dibromoethane              | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | Tetrachloroethene              | 10    | 9.70   | ppbv | 97  |     |      | 70 (70) | 130 (130)      |     |
|               | Chlorobenzene                  | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |
|               | Ethyl Benzene                  | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | m/p-Xylene                     | 20    | 21.6   | ppbv | 108 |     |      | 70 (70) | 130 (130)      |     |
|               | o-Xylene                       | 10    | 10.7   | ppbv | 107 |     |      | 70 (70) | 130 (130)      |     |
|               | Styrene                        | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | Bromoform                      | 10    | 10.8   | ppbv | 108 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,1,2,2-Tetrachloroethane      | 10    | 10.7   | ppbv | 107 |     |      | 70 (70) | 130 (130)      |     |
|               | 2-Chlorotoluene                | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,3,5-Trimethylbenzene         | 10    | 10.6   | ppbv | 106 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2,4-Trimethylbenzene         | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |

() = LABORATORY INHOUSE LIMIT

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**Datafile :** VL042624.D

| Lab Sample ID | Parameter                | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD |
|---------------|--------------------------|-------|--------|------|-----|-----|------|---------|----------------|-----|
| VL0616ABS01   | 1,3-Dichlorobenzene      | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,4-Dichlorobenzene      | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2-Dichlorobenzene      | 10    | 10.4   | ppbv | 104 |     |      | 70 (70) | 130 (130)      |     |
|               | 1,2,4-Trichlorobenzene   | 10    | 10.1   | ppbv | 101 |     |      | 70 (70) | 130 (130)      |     |
|               | Hexachloro-1,3-butadiene | 10    | 9.10   | ppbv | 91  |     |      | 70 (70) | 130 (130)      |     |
|               | Naphthalene              | 10    | 10.8   | ppbv | 108 |     |      | 40 (70) | 160 (130)      |     |
|               | 1,3-Butadiene            | 10    | 9.30   | ppbv | 93  |     |      | 70 (70) | 130 (130)      |     |
|               | 4-Ethyltoluene           | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |
|               | Hexane                   | 10    | 9.30   | ppbv | 93  |     |      | 70 (70) | 130 (130)      |     |
|               | Allyl Chloride           | 10    | 9.90   | ppbv | 99  |     |      | 70 (70) | 130 (130)      |     |
|               | 1,4-Dioxane              | 10    | 10.3   | ppbv | 103 |     |      | 40 (70) | 160 (130)      |     |
|               | Methyl methacrylate      | 10    | 10.5   | ppbv | 105 |     |      | 70 (70) | 130 (130)      |     |