

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1172

**Client:** Chemtech Consulting Group

**Analytical Method:** SW524.2

**Datafile :** VU063251.D

| Lab Sample ID | Parameter                             | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|---------------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VU0212WBS01   | Dichlorodifluoromethane               | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Chloromethane                         | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Vinyl Chloride                        | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Bromomethane                          | 2     | 2.20   | ug/L | 110 |     |      | 70  | 130            |     |
|               | Chloroethane                          | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Tetrahydrofuran                       | 4     | 3.80   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Trichlorofluoromethane                | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | tert-Butyl Alcohol                    | 20    | 21.2   | ug/L | 106 |     |      | 70  | 130            |     |
|               | Diethyl Ether                         | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | 1,1-Dichloroethene                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Acrylonitrile                         | 4     | 4.10   | ug/L | 103 |     |      | 70  | 130            |     |
|               | Acetone                               | 10    | 10.3   | ug/L | 103 |     |      | 70  | 130            |     |
|               | Carbon disulfide                      | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Methyl tert-butyl Ether               | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Methyl acrylate                       | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Methylene Chloride                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | trans-1,2-Dichloroethene              | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1-Dichloroethane                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Cyclohexane                           | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | 2-Butanone                            | 10    | 8.90   | ug/L | 89  |     |      | 70  | 130            |     |
|               | Carbon Tetrachloride                  | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | 2,2-Dichloropropane                   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | cis-1,2-Dichloroethene                | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Bromochloromethane                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Chloroform                            | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1,1-Trichloroethane                 | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Methylcyclohexane                     | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1-Dichloropropene                   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Propionitrile                         | 10    | 10.4   | ug/L | 104 |     |      | 70  | 130            |     |
|               | Benzene                               | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2-Dichloroethane                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Trichloroethene                       | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2-Dichloropropane                   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1-Chlorobutane                        | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Dibromomethane                        | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Bromodichloromethane                  | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 4-Methyl-2-Pentanone                  | 10    | 9.50   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Toluene                               | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | t-1,3-Dichloropropene                 | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | cis-1,3-Dichloropropene               | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1,2-Trichloroethane                 | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,3-Dichloropropane                   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 2-Hexanone                            | 10    | 9.00   | ug/L | 90  |     |      | 70  | 130            |     |
|               | Dibromochloromethane                  | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2-Dibromoethane                     | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Tetrachloroethene                     | 2     | 2.10   | ug/L | 105 |     |      | 70  | 130            |     |
|               | Chlorobenzene                         | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |

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|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VU0212WBS01   | 1,1,1,2-Tetrachloroethane   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Hexachloroethane            | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Ethyl Benzene               | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | m/p-Xylenes                 | 4     | 3.90   | ug/L | 98  |     |      | 70  | 130            |     |
|               | o-Xylene                    | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Styrene                     | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Bromoform                   | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Isopropylbenzene            | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,1,2,2-Tetrachloroethane   | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2,3-Trichloropropane      | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Bromobenzene                | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | N-propylbenzene             | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | 2-Chlorotoluene             | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,3,5-Trimethylbenzene      | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 4-Chlorotoluene             | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | tert-Butylbenzene           | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2,4-Trimethylbenzene      | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Sec-butylbenzene            | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | p-Isopropyltoluene          | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,3-Dichlorobenzene         | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,4-Dichlorobenzene         | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | n-Butylbenzene              | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | 1,2-Dichlorobenzene         | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | 1,2-Dibromo-3-Chloropropane | 2     | 1.70   | ug/L | 85  |     |      | 70  | 130            |     |
|               | 1,2,4-Trichlorobenzene      | 2     | 1.80   | ug/L | 90  |     |      | 70  | 130            |     |
|               | Hexachlorobutadiene         | 2     | 2.10   | ug/L | 105 |     |      | 70  | 130            |     |
|               | Naphthalene                 | 2     | 1.70   | ug/L | 85  |     |      | 70  | 130            |     |
|               | 1,2,3-Trichlorobenzene      | 2     | 1.60   | ug/L | 80  |     |      | 70  | 130            |     |
|               | Iodomethane                 | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Allyl Chloride              | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Methacrylonitrile           | 2     | 2.00   | ug/L | 100 |     |      | 70  | 130            |     |
|               | Isopropyl Ether             | 2     | 1.90   | ug/L | 95  |     |      | 70  | 130            |     |
|               | Methyl methacrylate         | 4     | 3.90   | ug/L | 98  |     |      | 70  | 130            |     |