

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

**SW-846**

**SDG No.:** **P3845**

**Client:** **Chemtech Consulting Group**

**Analytical Method:** **SW8260-Low**

**Datafile :** VN083753.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0910WBS01   | Dichlorodifluoromethane        | 20    | 18.7   | ug/L | 94  |     |      | 69  | 116            |     |
|               | Chloromethane                  | 20    | 18.1   | ug/L | 91  |     |      | 65  | 116            |     |
|               | Vinyl chloride                 | 20    | 17.5   | ug/L | 88  |     |      | 65  | 117            |     |
|               | Ethyl Acetate                  | 20    | 18.7   | ug/L | 94  |     |      | 75  | 115            |     |
|               | Isopropylacetate               | 20    | 18.1   | ug/L | 91  |     |      | 84  | 106            |     |
|               | Bromomethane                   | 20    | 17.3   | ug/L | 86  |     |      | 58  | 125            |     |
|               | Chloroethane                   | 20    | 16.0   | ug/L | 80  |     |      | 56  | 128            |     |
|               | Trichlorofluoromethane         | 20    | 17.6   | ug/L | 88  |     |      | 73  | 115            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 17.8   | ug/L | 89  |     |      | 80  | 112            |     |
|               | Tert butyl alcohol             | 100   | 93.1   | ug/L | 93  |     |      | 73  | 124            |     |
|               | Diethyl Ether                  | 20    | 17.2   | ug/L | 86  |     |      | 80  | 105            |     |
|               | 1,1-Dichloroethene             | 20    | 17.6   | ug/L | 88  |     |      | 74  | 110            |     |
|               | Acrolein                       | 100   | 100    | ug/L | 100 |     |      | 51  | 143            |     |
|               | Acrylonitrile                  | 100   | 90.8   | ug/L | 91  |     |      | 73  | 113            |     |
|               | Acetone                        | 100   | 96.0   | ug/L | 96  |     |      | 60  | 125            |     |
|               | Carbon disulfide               | 20    | 16.6   | ug/L | 83  |     |      | 64  | 112            |     |
|               | Methyl tert-butyl Ether        | 20    | 17.9   | ug/L | 90  |     |      | 78  | 114            |     |
|               | Methyl Acetate                 | 20    | 18.5   | ug/L | 93  |     |      | 67  | 125            |     |
|               | Methylene Chloride             | 20    | 17.9   | ug/L | 90  |     |      | 72  | 114            |     |
|               | trans-1,2-Dichloroethene       | 20    | 16.6   | ug/L | 83  |     |      | 75  | 108            |     |
|               | Vinyl Acetate                  | 100   | 90.9   | ug/L | 91  |     |      | 76  | 115            |     |
|               | 1,1-Dichloroethane             | 20    | 17.3   | ug/L | 86  |     |      | 78  | 112            |     |
|               | Cyclohexane                    | 20    | 16.6   | ug/L | 83  |     |      | 75  | 110            |     |
|               | 2-Butanone                     | 100   | 93.6   | ug/L | 94  |     |      | 65  | 122            |     |
|               | Carbon Tetrachloride           | 20    | 17.7   | ug/L | 89  |     |      | 77  | 113            |     |
|               | 2,2-Dichloropropane            | 20    | 18.2   | ug/L | 91  |     |      | 75  | 116            |     |
|               | cis-1,2-Dichloroethene         | 20    | 17.7   | ug/L | 89  |     |      | 77  | 110            |     |
|               | Chloroform                     | 20    | 17.6   | ug/L | 88  |     |      | 79  | 113            |     |
|               | 1,1,1-Trichloroethane          | 20    | 17.9   | ug/L | 90  |     |      | 80  | 108            |     |
|               | Methylcyclohexane              | 20    | 17.8   | ug/L | 89  |     |      | 72  | 115            |     |
|               | 1,1-Dichloropropene            | 20    | 16.7   | ug/L | 84  |     |      | 79  | 110            |     |
|               | Benzene                        | 20    | 17.5   | ug/L | 88  |     |      | 82  | 109            |     |
|               | 1,2-Dichloroethane             | 20    | 18.1   | ug/L | 91  |     |      | 80  | 115            |     |
|               | Trichloroethene                | 20    | 17.1   | ug/L | 86  |     |      | 77  | 113            |     |
|               | 1,2-Dichloropropane            | 20    | 17.6   | ug/L | 88  |     |      | 83  | 111            |     |
|               | Dibromomethane                 | 20    | 18.1   | ug/L | 91  |     |      | 82  | 110            |     |
|               | Bromodichloromethane           | 20    | 18.1   | ug/L | 91  |     |      | 83  | 110            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 94.3   | ug/L | 94  |     |      | 74  | 118            |     |
|               | Toluene                        | 20    | 18.2   | ug/L | 91  |     |      | 82  | 110            |     |
|               | t-1,3-Dichloropropene          | 20    | 17.5   | ug/L | 88  |     |      | 79  | 110            |     |
|               | cis-1,3-Dichloropropene        | 20    | 17.4   | ug/L | 87  |     |      | 82  | 110            |     |
|               | 1,1,2-Trichloroethane          | 20    | 17.4   | ug/L | 87  |     |      | 83  | 112            |     |
|               | 1,3-Dichloropropane            | 20    | 18.3   | ug/L | 92  |     |      | 83  | 111            |     |
|               | 2-Chloroethyl vinyl ether      | 100   | 92.5   | ug/L | 93  |     |      | 75  | 124            |     |
|               | 2-Hexanone                     | 100   | 96.6   | ug/L | 97  |     |      | 73  | 117            |     |
|               | Dibromochloromethane           | 20    | 18.5   | ug/L | 93  |     |      | 82  | 110            |     |
|               | 1,2-Dibromoethane              | 20    | 18.3   | ug/L | 92  |     |      | 81  | 110            |     |
|               | Tetrachloroethene              | 20    | 16.9   | ug/L | 85  |     |      | 67  | 123            |     |

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**SW-846**

**SDG No.:** P3845

**Client:** Chemtech Consulting Group

**Analytical Method:** SW8260-Low

**Datafile :** VN083753.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0910WBS01   | Chlorobenzene               | 20    | 16.9   | ug/L | 85  |     |      | 82  | 109            |     |
|               | 1,1,1,2-Tetrachloroethane   | 20    | 17.0   | ug/L | 85  |     |      | 84  | 111            |     |
|               | Hexachloroethane            | 20    | 17.5   | ug/L | 88  |     |      | 80  | 113            |     |
|               | Ethyl Benzene               | 20    | 17.4   | ug/L | 87  |     |      | 83  | 109            |     |
|               | m/p-Xylenes                 | 40    | 34.9   | ug/L | 87  |     |      | 82  | 110            |     |
|               | o-Xylene                    | 20    | 17.7   | ug/L | 89  |     |      | 83  | 109            |     |
|               | Styrene                     | 20    | 17.9   | ug/L | 90  |     |      | 80  | 111            |     |
|               | Bromoform                   | 20    | 18.5   | ug/L | 93  |     |      | 79  | 109            |     |
|               | Isopropylbenzene            | 20    | 17.4   | ug/L | 87  |     |      | 83  | 112            |     |
|               | 1,1,2,2-Tetrachloroethane   | 20    | 17.4   | ug/L | 87  |     |      | 76  | 118            |     |
|               | 1,2,3-Trichloropropane      | 20    | 17.6   | ug/L | 88  |     |      | 75  | 112            |     |
|               | Bromobenzene                | 20    | 17.3   | ug/L | 86  |     |      | 77  | 116            |     |
|               | N-propylbenzene             | 20    | 17.7   | ug/L | 89  |     |      | 83  | 112            |     |
|               | 2-Chlorotoluene             | 20    | 17.5   | ug/L | 88  |     |      | 83  | 110            |     |
|               | 1,3,5-Trimethylbenzene      | 20    | 17.6   | ug/L | 88  |     |      | 85  | 112            |     |
|               | 4-Chlorotoluene             | 20    | 17.4   | ug/L | 87  |     |      | 82  | 110            |     |
|               | tert-Butylbenzene           | 20    | 17.6   | ug/L | 88  |     |      | 83  | 112            |     |
|               | 1,2,4-Trimethylbenzene      | 20    | 17.7   | ug/L | 89  |     |      | 85  | 111            |     |
|               | Sec-butylbenzene            | 20    | 17.5   | ug/L | 88  |     |      | 81  | 114            |     |
|               | p-Isopropyltoluene          | 20    | 17.5   | ug/L | 88  |     |      | 78  | 116            |     |
|               | 1,3-Dichlorobenzene         | 20    | 16.3   | ug/L | 81  |     | *    | 82  | 108            |     |
|               | 1,4-Dichlorobenzene         | 20    | 16.0   | ug/L | 80  |     | *    | 82  | 107            |     |
|               | n-Butylbenzene              | 20    | 16.5   | ug/L | 83  |     |      | 75  | 115            |     |
|               | 1,2-Dichlorobenzene         | 20    | 16.9   | ug/L | 85  |     |      | 82  | 109            |     |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 18.9   | ug/L | 95  |     |      | 68  | 112            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 16.0   | ug/L | 80  |     |      | 75  | 113            |     |
|               | Hexachlorobutadiene         | 20    | 16.4   | ug/L | 82  |     |      | 81  | 121            |     |
|               | Naphthalene                 | 20    | 17.1   | ug/L | 86  |     |      | 78  | 119            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 16.1   | ug/L | 81  |     |      | 76  | 114            |     |
|               | N-amyl acetate              | 20    | 18.0   | ug/L | 90  |     |      | 82  | 107            |     |
|               | Allyl chloride              | 20    | 18.0   | ug/L | 90  |     |      | 83  | 103            |     |
|               | Methacrylonitrile           | 20    | 18.3   | ug/L | 92  |     |      | 78  | 113            |     |
|               | trans-1,4-Dichloro-2-butene | 20    | 17.2   | ug/L | 86  |     |      | 79  | 102            |     |
|               | 1,4-Dioxane                 | 400   | 370    | ug/L | 93  |     |      | 54  | 145            |     |
|               | Methyl methacrylate         | 20    | 18.1   | ug/L | 91  |     |      | 81  | 126            |     |