

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5394

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Datafile : VN085342.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN1230WBS01   | Dichlorodifluoromethane        | 20    | 21.0   | ug/L | 105 |     |      | 69  | 116            |     |
|               | Chloromethane                  | 20    | 18.0   | ug/L | 90  |     |      | 65  | 116            |     |
|               | Vinyl chloride                 | 20    | 17.8   | ug/L | 89  |     |      | 65  | 117            |     |
|               | Ethyl Acetate                  | 20    | 21.9   | ug/L | 110 |     |      | 75  | 115            |     |
|               | Bromomethane                   | 20    | 16.4   | ug/L | 82  |     |      | 58  | 125            |     |
|               | Chloroethane                   | 20    | 18.5   | ug/L | 93  |     |      | 56  | 128            |     |
|               | Trichlorofluoromethane         | 20    | 19.3   | ug/L | 97  |     |      | 73  | 115            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.3   | ug/L | 97  |     |      | 80  | 112            |     |
|               | Tert butyl alcohol             | 100   | 120    | ug/L | 120 |     |      | 73  | 124            |     |
|               | 1,1-Dichloroethene             | 20    | 19.4   | ug/L | 97  |     |      | 74  | 110            |     |
|               | Acrolein                       | 100   | 110    | ug/L | 110 |     |      | 51  | 143            |     |
|               | Acrylonitrile                  | 100   | 120    | ug/L | 120 |     | *    | 73  | 113            |     |
|               | Acetone                        | 100   | 120    | ug/L | 120 |     |      | 60  | 125            |     |
|               | Carbon disulfide               | 20    | 17.8   | ug/L | 89  |     |      | 64  | 112            |     |
|               | Methyl tert-butyl Ether        | 20    | 20.3   | ug/L | 102 |     |      | 78  | 114            |     |
|               | Methyl Acetate                 | 20    | 24.5   | ug/L | 123 |     |      | 67  | 125            |     |
|               | Methylene Chloride             | 20    | 20.2   | ug/L | 101 |     |      | 72  | 114            |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.5   | ug/L | 98  |     |      | 75  | 108            |     |
|               | Vinyl Acetate                  | 100   | 110    | ug/L | 110 |     |      | 76  | 115            |     |
|               | 1,1-Dichloroethane             | 20    | 20.2   | ug/L | 101 |     |      | 78  | 112            |     |
|               | Cyclohexane                    | 20    | 18.6   | ug/L | 93  |     |      | 75  | 110            |     |
|               | 2-Butanone                     | 100   | 120    | ug/L | 120 |     |      | 65  | 122            |     |
|               | Carbon Tetrachloride           | 20    | 20.1   | ug/L | 101 |     |      | 77  | 113            |     |
|               | 2,2-Dichloropropane            | 20    | 19.8   | ug/L | 99  |     |      | 75  | 116            |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.8   | ug/L | 99  |     |      | 77  | 110            |     |
|               | Bromochloromethane             | 20    | 19.9   | ug/L | 100 |     |      | 70  | 124            |     |
|               | Chloroform                     | 20    | 19.9   | ug/L | 100 |     |      | 79  | 113            |     |
|               | 1,1,1-Trichloroethane          | 20    | 19.4   | ug/L | 97  |     |      | 80  | 108            |     |
|               | Methylcyclohexane              | 20    | 18.5   | ug/L | 93  |     |      | 72  | 115            |     |
|               | 1,1-Dichloropropene            | 20    | 19.4   | ug/L | 97  |     |      | 79  | 110            |     |
|               | Benzene                        | 20    | 20.5   | ug/L | 103 |     |      | 82  | 109            |     |
|               | 1,2-Dichloroethane             | 20    | 20.4   | ug/L | 102 |     |      | 80  | 115            |     |
|               | Trichloroethene                | 20    | 18.7   | ug/L | 94  |     |      | 77  | 113            |     |
|               | 1,2-Dichloropropane            | 20    | 20.3   | ug/L | 102 |     |      | 83  | 111            |     |
|               | Dibromomethane                 | 20    | 20.0   | ug/L | 100 |     |      | 82  | 110            |     |
|               | Bromodichloromethane           | 20    | 20.6   | ug/L | 103 |     |      | 83  | 110            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 120    | ug/L | 120 |     | *    | 74  | 118            |     |
|               | Toluene                        | 20    | 20.6   | ug/L | 103 |     |      | 82  | 110            |     |
|               | t-1,3-Dichloropropene          | 20    | 20.0   | ug/L | 100 |     |      | 79  | 110            |     |
|               | cis-1,3-Dichloropropene        | 20    | 20.6   | ug/L | 103 |     |      | 82  | 110            |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.4   | ug/L | 102 |     |      | 83  | 112            |     |
|               | 1,3-Dichloropropane            | 20    | 21.0   | ug/L | 105 |     |      | 83  | 111            |     |
|               | 2-Chloroethyl vinyl ether      | 100   | 98.7   | ug/L | 99  |     |      | 75  | 124            |     |
|               | 2-Hexanone                     | 100   | 130    | ug/L | 130 |     | *    | 73  | 117            |     |
|               | Dibromochloromethane           | 20    | 21.3   | ug/L | 106 |     |      | 82  | 110            |     |
|               | 1,2-Dibromoethane              | 20    | 20.7   | ug/L | 104 |     |      | 81  | 110            |     |
|               | Tetrachloroethene              | 20    | 19.6   | ug/L | 98  |     |      | 67  | 123            |     |
|               | Chlorobenzene                  | 20    | 19.2   | ug/L | 96  |     |      | 82  | 109            |     |

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| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN1230WBS01   | 1,1,1,2-Tetrachloroethane   | 20    | 20.3   | ug/L | 102 |     |      | 84  | 111            |     |
|               | Hexachloroethane            | 20    | 20.4   | ug/L | 102 |     |      | 80  | 113            |     |
|               | Ethyl Benzene               | 20    | 19.6   | ug/L | 98  |     |      | 83  | 109            |     |
|               | m/p-Xylenes                 | 40    | 41.2   | ug/L | 103 |     |      | 82  | 110            |     |
|               | o-Xylene                    | 20    | 20.0   | ug/L | 100 |     |      | 83  | 109            |     |
|               | Styrene                     | 20    | 20.9   | ug/L | 104 |     |      | 80  | 111            |     |
|               | Bromoform                   | 20    | 22.7   | ug/L | 114 |     | *    | 79  | 109            |     |
|               | Isopropylbenzene            | 20    | 19.6   | ug/L | 98  |     |      | 83  | 112            |     |
|               | 1,1,2,2-Tetrachloroethane   | 20    | 22.5   | ug/L | 113 |     |      | 76  | 118            |     |
|               | 1,2,3-Trichloropropane      | 20    | 22.3   | ug/L | 112 |     |      | 75  | 112            |     |
|               | Bromobenzene                | 20    | 19.4   | ug/L | 97  |     |      | 77  | 116            |     |
|               | N-propylbenzene             | 20    | 20.3   | ug/L | 102 |     |      | 83  | 112            |     |
|               | 2-Chlorotoluene             | 20    | 20.3   | ug/L | 102 |     |      | 83  | 110            |     |
|               | 1,3,5-Trimethylbenzene      | 20    | 20.5   | ug/L | 103 |     |      | 85  | 112            |     |
|               | 4-Chlorotoluene             | 20    | 20.0   | ug/L | 100 |     |      | 82  | 110            |     |
|               | tert-Butylbenzene           | 20    | 19.1   | ug/L | 96  |     |      | 83  | 112            |     |
|               | 1,2,4-Trimethylbenzene      | 20    | 20.2   | ug/L | 101 |     |      | 85  | 111            |     |
|               | Sec-butylbenzene            | 20    | 19.8   | ug/L | 99  |     |      | 81  | 114            |     |
|               | p-Isopropyltoluene          | 20    | 18.6   | ug/L | 93  |     |      | 78  | 116            |     |
|               | 1,3-Dichlorobenzene         | 20    | 20.0   | ug/L | 100 |     |      | 82  | 108            |     |
|               | 1,4-Dichlorobenzene         | 20    | 18.6   | ug/L | 93  |     |      | 82  | 107            |     |
|               | n-Butylbenzene              | 20    | 18.1   | ug/L | 91  |     |      | 75  | 115            |     |
|               | 1,2-Dichlorobenzene         | 20    | 19.5   | ug/L | 98  |     |      | 82  | 109            |     |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 23.5   | ug/L | 117 |     | *    | 68  | 112            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 17.8   | ug/L | 89  |     |      | 75  | 113            |     |
|               | Hexachlorobutadiene         | 20    | 17.4   | ug/L | 87  |     |      | 81  | 121            |     |
|               | Naphthalene                 | 20    | 17.4   | ug/L | 87  |     |      | 78  | 119            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 17.7   | ug/L | 89  |     |      | 76  | 114            |     |