

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

|          |                                  |                    |                   |
|----------|----------------------------------|--------------------|-------------------|
| SDG No.: | <u>Q3087</u>                     | Analytical Method: | <u>SW8260-Low</u> |
| Client:  | <u>Chemtech Consulting Group</u> | Datafile :         | <u>VN087851.D</u> |

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0916WBSD01  | Dichlorodifluoromethane        | 20    | 19.0   | ug/L | 95  | 2   |      | 69  | 116            | 19  |
|               | Chloromethane                  | 20    | 18.4   | ug/L | 92  | 3   |      | 65  | 116            | 21  |
|               | Vinyl chloride                 | 20    | 18.4   | ug/L | 92  | 2   |      | 65  | 117            | 19  |
|               | Ethyl Acetate                  | 20    | 16.5   | ug/L | 83  | 4   |      | 75  | 115            | 27  |
|               | Bromomethane                   | 20    | 19.5   | ug/L | 98  | 1   |      | 58  | 125            | 20  |
|               | Chloroethane                   | 20    | 16.9   | ug/L | 85  | 7   |      | 56  | 128            | 20  |
|               | Trichlorofluoromethane         | 20    | 19.7   | ug/L | 99  | 2   |      | 73  | 115            | 16  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 18.5   | ug/L | 93  | 1   |      | 80  | 112            | 15  |
|               | Tert butyl alcohol             | 100   | 92.9   | ug/L | 93  | 3   |      | 48  | 142            | 30  |
|               | 1,1-Dichloroethene             | 20    | 17.6   | ug/L | 88  | 3   |      | 74  | 110            | 20  |
|               | Acrolein                       | 100   | 74.1   | ug/L | 74  | 1   |      | 28  | 144            | 30  |
|               | Acrylonitrile                  | 100   | 88.9   | ug/L | 89  | 4   |      | 73  | 113            | 29  |
|               | Acetone                        | 100   | 71.9   | ug/L | 72  | 5   |      | 60  | 125            | 20  |
|               | Carbon disulfide               | 20    | 18.7   | ug/L | 94  | 3   |      | 64  | 112            | 20  |
|               | Methyl tert-butyl Ether        | 20    | 17.0   | ug/L | 85  | 6   |      | 78  | 114            | 20  |
|               | Methyl Acetate                 | 20    | 18.6   | ug/L | 93  | 5   |      | 67  | 125            | 20  |
|               | Methylene Chloride             | 20    | 18.4   | ug/L | 92  | 4   |      | 72  | 114            | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 17.6   | ug/L | 88  | 4   |      | 75  | 108            | 16  |
|               | Vinyl Acetate                  | 100   | 75.0   | ug/L | 75  | 15  | *    | 76  | 115            | 26  |
|               | 1,1-Dichloroethane             | 20    | 17.5   | ug/L | 88  | 2   |      | 78  | 112            | 20  |
|               | Cyclohexane                    | 20    | 18.1   | ug/L | 91  | 2   |      | 75  | 110            | 20  |
|               | 2-Butanone                     | 100   | 84.2   | ug/L | 84  | 4   |      | 65  | 122            | 26  |
|               | Carbon Tetrachloride           | 20    | 19.7   | ug/L | 99  | 3   |      | 77  | 113            | 15  |
|               | 2,2-Dichloropropane            | 20    | 16.6   | ug/L | 83  | 2   |      | 56  | 164            | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 18.2   | ug/L | 91  | 6   |      | 77  | 110            | 20  |
|               | Bromochloromethane             | 20    | 17.4   | ug/L | 87  | 3   |      | 70  | 124            | 20  |
|               | Chloroform                     | 20    | 18.0   | ug/L | 90  | 5   |      | 79  | 113            | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 18.1   | ug/L | 91  | 3   |      | 80  | 108            | 20  |
|               | Methylcyclohexane              | 20    | 18.5   | ug/L | 93  | 7   |      | 72  | 115            | 20  |
|               | 1,1-Dichloropropene            | 20    | 17.9   | ug/L | 90  | 2   |      | 79  | 110            | 16  |
|               | Benzene                        | 20    | 18.9   | ug/L | 95  | 1   |      | 82  | 109            | 15  |
|               | 1,2-Dichloroethane             | 20    | 18.0   | ug/L | 90  | 1   |      | 80  | 115            | 20  |
|               | Trichloroethene                | 20    | 19.8   | ug/L | 99  | 4   |      | 77  | 113            | 15  |
|               | 1,2-Dichloropropane            | 20    | 18.4   | ug/L | 92  | 0   |      | 83  | 111            | 16  |
|               | Dibromomethane                 | 20    | 19.4   | ug/L | 97  | 3   |      | 82  | 110            | 20  |
|               | Bromodichloromethane           | 20    | 19.2   | ug/L | 96  | 0   |      | 83  | 110            | 16  |
|               | 4-Methyl-2-Pentanone           | 100   | 92.1   | ug/L | 92  | 1   |      | 74  | 118            | 25  |
|               | Toluene                        | 20    | 18.7   | ug/L | 94  | 1   |      | 82  | 110            | 16  |
|               | t-1,3-Dichloropropene          | 20    | 18.3   | ug/L | 92  | 2   |      | 79  | 110            | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 17.9   | ug/L | 90  | 4   |      | 82  | 110            | 16  |
|               | 1,1,2-Trichloroethane          | 20    | 20.1   | ug/L | 101 | 4   |      | 83  | 112            | 20  |
|               | 1,3-Dichloropropane            | 20    | 19.0   | ug/L | 95  | 0   |      | 83  | 111            | 20  |
|               | 2-Chloroethyl vinyl ether      | 100   | 86.1   | ug/L | 86  | 3   |      | 75  | 124            | 20  |
|               | 2-Hexanone                     | 100   | 89.5   | ug/L | 90  | 0   |      | 73  | 117            | 25  |
|               | Dibromochloromethane           | 20    | 19.1   | ug/L | 96  | 1   |      | 82  | 110            | 20  |
|               | 1,2-Dibromoethane              | 20    | 18.6   | ug/L | 93  | 2   |      | 81  | 110            | 20  |
|               | Tetrachloroethene              | 20    | 19.7   | ug/L | 99  | 3   |      | 67  | 123            | 15  |
|               | Chlorobenzene                  | 20    | 19.0   | ug/L | 95  | 1   |      | 82  | 109            | 15  |

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|-----------------|----------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3087</u>                     | <b>Analytical Method:</b> | <u>SW8260-Low</u> |
| <b>Client:</b>  | <u>Chemtech Consulting Group</u> | <b>Datafile :</b>         | <u>VN087851.D</u> |

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0916WBSD01  | 1,1,1,2-Tetrachloroethane   | 20    | 20.2   | ug/L | 101 | 2   |      | 84  | 111            | 20  |
|               | Hexachloroethane            | 20    | 19.3   | ug/L | 97  | 7   |      | 80  | 113            | 20  |
|               | Ethyl Benzene               | 20    | 18.7   | ug/L | 94  | 3   |      | 83  | 109            | 16  |
|               | m/p-Xylenes                 | 40    | 39.2   | ug/L | 98  | 4   |      | 82  | 110            | 15  |
|               | o-Xylene                    | 20    | 19.5   | ug/L | 98  | 4   |      | 83  | 109            | 20  |
|               | Styrene                     | 20    | 19.0   | ug/L | 95  | 1   |      | 80  | 111            | 17  |
|               | Bromoform                   | 20    | 21.1   | ug/L | 106 | 1   |      | 79  | 109            | 20  |
|               | Isopropylbenzene            | 20    | 17.4   | ug/L | 87  | 4   |      | 83  | 112            | 29  |
|               | 1,1,2,2-Tetrachloroethane   | 20    | 18.5   | ug/L | 93  | 6   |      | 76  | 118            | 20  |
|               | 1,2,3-Trichloropropane      | 20    | 17.6   | ug/L | 88  | 0   |      | 75  | 112            | 20  |
|               | Bromobenzene                | 20    | 18.9   | ug/L | 95  | 7   |      | 77  | 116            | 20  |
|               | N-propylbenzene             | 20    | 18.1   | ug/L | 91  | 6   |      | 83  | 112            | 20  |
|               | 2-Chlorotoluene             | 20    | 17.4   | ug/L | 87  | 2   |      | 83  | 110            | 20  |
|               | 1,3,5-Trimethylbenzene      | 20    | 17.8   | ug/L | 89  | 6   |      | 85  | 112            | 20  |
|               | 4-Chlorotoluene             | 20    | 17.2   | ug/L | 86  | 4   |      | 82  | 110            | 20  |
|               | tert-Butylbenzene           | 20    | 18.5   | ug/L | 93  | 9   |      | 83  | 112            | 20  |
|               | 1,2,4-Trimethylbenzene      | 20    | 18.0   | ug/L | 90  | 5   |      | 85  | 111            | 20  |
|               | Sec-butylbenzene            | 20    | 18.4   | ug/L | 92  | 7   |      | 81  | 114            | 20  |
|               | p-Isopropyltoluene          | 20    | 18.9   | ug/L | 95  | 11  |      | 78  | 116            | 20  |
|               | 1,3-Dichlorobenzene         | 20    | 18.8   | ug/L | 94  | 4   |      | 82  | 108            | 20  |
|               | 1,4-Dichlorobenzene         | 20    | 18.2   | ug/L | 91  | 0   |      | 82  | 107            | 15  |
|               | n-Butylbenzene              | 20    | 17.7   | ug/L | 89  | 8   |      | 75  | 115            | 20  |
|               | 1,2-Dichlorobenzene         | 20    | 19.3   | ug/L | 97  | 7   |      | 82  | 109            | 20  |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 16.9   | ug/L | 85  | 4   |      | 68  | 112            | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.0   | ug/L | 95  | 5   |      | 75  | 113            | 29  |
|               | Hexachlorobutadiene         | 20    | 20.9   | ug/L | 104 | 9   |      | 81  | 121            | 20  |
|               | Naphthalene                 | 20    | 17.3   | ug/L | 86  | 6   |      | 78  | 119            | 20  |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.6   | ug/L | 93  | 4   |      | 76  | 114            | 29  |