

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1883

Client: Nobis Group

Analytical Method: SW8260D

Datafile : VY022097.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY0501SBS01   | Dichlorodifluoromethane        | 20    | 19.2   | ug/Kg | 96  |     |      | 29  | 149            |     |
|               | Chloromethane                  | 20    | 18.7   | ug/Kg | 94  |     |      | 50  | 136            |     |
|               | Vinyl chloride                 | 20    | 18.7   | ug/Kg | 94  |     |      | 56  | 135            |     |
|               | Bromomethane                   | 20    | 18.6   | ug/Kg | 93  |     |      | 53  | 143            |     |
|               | Chloroethane                   | 20    | 18.9   | ug/Kg | 95  |     |      | 59  | 139            |     |
|               | Tetrahydrofuran                | 100   | 86.6   | ug/Kg | 87  |     |      | 61  | 135            |     |
|               | Trichlorofluoromethane         | 20    | 19.9   | ug/Kg | 100 |     |      | 62  | 140            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 19.8   | ug/Kg | 99  |     |      | 66  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 19.9   | ug/Kg | 100 |     |      | 70  | 131            |     |
|               | Acrylonitrile                  | 100   | 88.5   | ug/Kg | 89  |     |      | 65  | 134            |     |
|               | Acetone                        | 100   | 91.2   | ug/Kg | 91  |     |      | 36  | 164            |     |
|               | Carbon disulfide               | 20    | 19.5   | ug/Kg | 98  |     |      | 63  | 132            |     |
|               | Methyl tert-butyl Ether        | 20    | 18.0   | ug/Kg | 90  |     |      | 73  | 125            |     |
|               | Methylene Chloride             | 20    | 19.3   | ug/Kg | 97  |     |      | 70  | 128            |     |
|               | trans-1,2-Dichloroethene       | 20    | 19.7   | ug/Kg | 99  |     |      | 74  | 125            |     |
|               | 1,1-Dichloroethane             | 20    | 19.8   | ug/Kg | 99  |     |      | 76  | 125            |     |
|               | 2-Butanone                     | 100   | 86.7   | ug/Kg | 87  |     |      | 51  | 148            |     |
|               | Carbon Tetrachloride           | 20    | 20.6   | ug/Kg | 103 |     |      | 70  | 135            |     |
|               | 2,2-Dichloropropane            | 20    | 20.3   | ug/Kg | 102 |     |      | 67  | 133            |     |
|               | cis-1,2-Dichloroethene         | 20    | 19.8   | ug/Kg | 99  |     |      | 77  | 123            |     |
|               | Chloroform                     | 20    | 20.2   | ug/Kg | 101 |     |      | 78  | 123            |     |
|               | 1,1,1-Trichloroethane          | 20    | 20.1   | ug/Kg | 101 |     |      | 73  | 130            |     |
|               | 1,1-Dichloropropene            | 20    | 19.9   | ug/Kg | 100 |     |      | 76  | 125            |     |
|               | Benzene                        | 20    | 20.2   | ug/Kg | 101 |     |      | 77  | 121            |     |
|               | 1,2-Dichloroethane             | 20    | 19.9   | ug/Kg | 100 |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 20.3   | ug/Kg | 102 |     |      | 77  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 20.1   | ug/Kg | 101 |     |      | 76  | 123            |     |
|               | Dibromomethane                 | 20    | 19.6   | ug/Kg | 98  |     |      | 78  | 125            |     |
|               | Bromodichloromethane           | 20    | 20.6   | ug/Kg | 103 |     |      | 75  | 127            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 88.1   | ug/Kg | 88  |     |      | 65  | 135            |     |
|               | Toluene                        | 20    | 20.6   | ug/Kg | 103 |     |      | 77  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 18.9   | ug/Kg | 95  |     |      | 71  | 130            |     |
|               | cis-1,3-Dichloropropene        | 20    | 19.9   | ug/Kg | 100 |     |      | 74  | 126            |     |
|               | 1,1,2-Trichloroethane          | 20    | 20.2   | ug/Kg | 101 |     |      | 78  | 121            |     |
|               | 1,3-Dichloropropane            | 20    | 19.7   | ug/Kg | 99  |     |      | 77  | 121            |     |
|               | 2-Hexanone                     | 100   | 84.7   | ug/Kg | 85  |     |      | 53  | 145            |     |
|               | Dibromochloromethane           | 20    | 19.8   | ug/Kg | 99  |     |      | 74  | 126            |     |
|               | 1,2-Dibromoethane              | 20    | 19.9   | ug/Kg | 100 |     |      | 78  | 122            |     |
|               | Tetrachloroethene              | 20    | 20.9   | ug/Kg | 104 |     |      | 73  | 128            |     |
|               | Chlorobenzene                  | 20    | 19.8   | ug/Kg | 99  |     |      | 79  | 120            |     |
|               | 1,1,1,2-Tetrachloroethane      | 20    | 20.0   | ug/Kg | 100 |     |      | 78  | 125            |     |
|               | Ethyl Benzene                  | 20    | 19.5   | ug/Kg | 98  |     |      | 76  | 122            |     |
|               | m/p-Xylenes                    | 40    | 40.5   | ug/Kg | 101 |     |      | 77  | 124            |     |
|               | o-Xylene                       | 20    | 19.6   | ug/Kg | 98  |     |      | 77  | 123            |     |
|               | Styrene                        | 20    | 20.1   | ug/Kg | 101 |     |      | 76  | 124            |     |
|               | Bromoform                      | 20    | 19.6   | ug/Kg | 98  |     |      | 67  | 132            |     |
|               | Isopropylbenzene               | 20    | 19.2   | ug/Kg | 96  |     |      | 68  | 134            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 18.4   | ug/Kg | 92  |     |      | 70  | 124            |     |

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| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY0501SBS01   | 1,2,3-Trichloropropane      | 20    | 18.2   | ug/Kg | 91  |     |      | 73  | 125            |     |
|               | Bromobenzene                | 20    | 19.3   | ug/Kg | 97  |     |      | 78  | 121            |     |
|               | N-propylbenzene             | 20    | 19.5   | ug/Kg | 98  |     |      | 73  | 125            |     |
|               | 2-Chlorotoluene             | 20    | 19.5   | ug/Kg | 98  |     |      | 75  | 122            |     |
|               | 1,3,5-Trimethylbenzene      | 20    | 19.6   | ug/Kg | 98  |     |      | 73  | 124            |     |
|               | 4-Chlorotoluene             | 20    | 19.5   | ug/Kg | 98  |     |      | 72  | 124            |     |
|               | tert-Butylbenzene           | 20    | 19.0   | ug/Kg | 95  |     |      | 73  | 125            |     |
|               | 1,2,4-Trimethylbenzene      | 20    | 19.5   | ug/Kg | 98  |     |      | 75  | 123            |     |
|               | Sec-butylbenzene            | 20    | 19.4   | ug/Kg | 97  |     |      | 73  | 126            |     |
|               | p-Isopropyltoluene          | 20    | 19.4   | ug/Kg | 97  |     |      | 73  | 127            |     |
|               | 1,3-Dichlorobenzene         | 20    | 19.9   | ug/Kg | 100 |     |      | 77  | 121            |     |
|               | 1,4-Dichlorobenzene         | 20    | 19.6   | ug/Kg | 98  |     |      | 75  | 120            |     |
|               | n-Butylbenzene              | 20    | 18.7   | ug/Kg | 94  |     |      | 70  | 128            |     |
|               | 1,2-Dichlorobenzene         | 20    | 19.4   | ug/Kg | 97  |     |      | 78  | 121            |     |
|               | 1,2-Dibromo-3-Chloropropane | 20    | 17.7   | ug/Kg | 89  |     |      | 61  | 132            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 19.0   | ug/Kg | 95  |     |      | 67  | 129            |     |
|               | Hexachlorobutadiene         | 20    | 20.3   | ug/Kg | 102 |     |      | 61  | 135            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 18.8   | ug/Kg | 94  |     |      | 66  | 130            |     |
|               | trans-1,4-Dichloro-2-butene | 20    | 17.1   | ug/Kg | 86  |     |      | 62  | 136            |     |