

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3422

Analytical Method: SW8260D

Client: AECOM

Datafile : VY023545.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY1022SBS01   | Dichlorodifluoromethane        | 20    | 20.0   | ug/Kg | 100 |     |      | 64  | 136            |     |
|               | Chloromethane                  | 20    | 18.0   | ug/Kg | 90  |     |      | 52  | 151            |     |
|               | Vinyl chloride                 | 20    | 18.7   | ug/Kg | 94  |     |      | 56  | 148            |     |
|               | Bromomethane                   | 20    | 20.0   | ug/Kg | 100 |     |      | 58  | 141            |     |
|               | Chloroethane                   | 20    | 19.8   | ug/Kg | 99  |     |      | 69  | 130            |     |
|               | Trichlorofluoromethane         | 20    | 20.2   | ug/Kg | 101 |     |      | 69  | 134            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 21.3   | ug/Kg | 106 |     |      | 81  | 123            |     |
|               | 1,1-Dichloroethene             | 20    | 20.7   | ug/Kg | 104 |     |      | 79  | 121            |     |
|               | Acetone                        | 100   | 130    | ug/Kg | 130 |     |      | 40  | 171            |     |
|               | Carbon disulfide               | 20    | 19.3   | ug/Kg | 97  |     |      | 59  | 130            |     |
|               | Methyl tert-butyl Ether        | 20    | 19.8   | ug/Kg | 99  |     |      | 77  | 129            |     |
|               | Methyl Acetate                 | 20    | 17.3   | ug/Kg | 86  |     |      | 69  | 149            |     |
|               | Methylene Chloride             | 20    | 18.4   | ug/Kg | 92  |     |      | 72  | 131            |     |
|               | trans-1,2-Dichloroethene       | 20    | 20.4   | ug/Kg | 102 |     |      | 80  | 123            |     |
|               | 1,1-Dichloroethane             | 20    | 20.5   | ug/Kg | 103 |     |      | 82  | 123            |     |
|               | Cyclohexane                    | 20    | 19.3   | ug/Kg | 97  |     |      | 76  | 122            |     |
|               | 2-Butanone                     | 100   | 110    | ug/Kg | 110 |     |      | 69  | 131            |     |
|               | Carbon Tetrachloride           | 20    | 21.4   | ug/Kg | 107 |     |      | 76  | 129            |     |
|               | cis-1,2-Dichloroethene         | 20    | 21.2   | ug/Kg | 106 |     |      | 82  | 123            |     |
|               | Bromochloromethane             | 20    | 19.3   | ug/Kg | 97  |     |      | 80  | 127            |     |
|               | Chloroform                     | 20    | 21.2   | ug/Kg | 106 |     |      | 82  | 125            |     |
|               | 1,1,1-Trichloroethane          | 20    | 21.3   | ug/Kg | 106 |     |      | 80  | 126            |     |
|               | Methylcyclohexane              | 20    | 20.7   | ug/Kg | 104 |     |      | 77  | 123            |     |
|               | Benzene                        | 20    | 21.2   | ug/Kg | 106 |     |      | 84  | 121            |     |
|               | 1,2-Dichloroethane             | 20    | 19.8   | ug/Kg | 99  |     |      | 81  | 126            |     |
|               | Trichloroethene                | 20    | 21.9   | ug/Kg | 110 |     |      | 83  | 122            |     |
|               | 1,2-Dichloropropane            | 20    | 21.0   | ug/Kg | 105 |     |      | 83  | 122            |     |
|               | Bromodichloromethane           | 20    | 21.2   | ug/Kg | 106 |     |      | 82  | 123            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 96.0   | ug/Kg | 96  |     |      | 70  | 135            |     |
|               | Toluene                        | 20    | 22.0   | ug/Kg | 110 |     |      | 83  | 122            |     |
|               | t-1,3-Dichloropropene          | 20    | 21.0   | ug/Kg | 105 |     |      | 78  | 124            |     |
|               | cis-1,3-Dichloropropene        | 20    | 20.9   | ug/Kg | 104 |     |      | 81  | 122            |     |
|               | 1,1,2-Trichloroethane          | 20    | 21.6   | ug/Kg | 108 |     |      | 82  | 125            |     |
|               | 2-Hexanone                     | 100   | 110    | ug/Kg | 110 |     |      | 66  | 138            |     |
|               | Dibromochloromethane           | 20    | 21.4   | ug/Kg | 107 |     |      | 79  | 125            |     |
|               | 1,2-Dibromoethane              | 20    | 21.2   | ug/Kg | 106 |     |      | 80  | 125            |     |
|               | Tetrachloroethene              | 20    | 22.9   | ug/Kg | 115 |     |      | 83  | 125            |     |
|               | Chlorobenzene                  | 20    | 21.4   | ug/Kg | 107 |     |      | 84  | 122            |     |
|               | Ethyl Benzene                  | 20    | 21.2   | ug/Kg | 106 |     |      | 82  | 124            |     |
|               | m/p-Xylenes                    | 40    | 43.3   | ug/Kg | 108 |     |      | 83  | 124            |     |
|               | o-Xylene                       | 20    | 21.6   | ug/Kg | 108 |     |      | 83  | 123            |     |
|               | Styrene                        | 20    | 21.3   | ug/Kg | 106 |     |      | 82  | 124            |     |
|               | Bromoform                      | 20    | 20.5   | ug/Kg | 103 |     |      | 75  | 127            |     |
|               | Isopropylbenzene               | 20    | 21.7   | ug/Kg | 109 |     |      | 82  | 124            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 19.2   | ug/Kg | 96  |     |      | 77  | 127            |     |
|               | 1,3-Dichlorobenzene            | 20    | 21.3   | ug/Kg | 106 |     |      | 83  | 122            |     |
|               | 1,4-Dichlorobenzene            | 20    | 21.1   | ug/Kg | 106 |     |      | 84  | 121            |     |
|               | 1,2-Dichlorobenzene            | 20    | 21.3   | ug/Kg | 106 |     |      | 83  | 124            |     |

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|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| VY1022SBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 18.8   | ug/Kg | 94  |     |      | 66  | 134    |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 20.4   | ug/Kg | 102 |     |      | 78  | 127    |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 19.8   | ug/Kg | 99  |     |      | 70  | 137    |     |