

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2299

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

Datafile : VN087020.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0616WBS01   | Dichlorodifluoromethane        | 20    | 19.0   | ug/L | 95  |     |      | 32  | 152            |     |
|               | Chloromethane                  | 20    | 15.5   | ug/L | 78  |     |      | 50  | 139            |     |
|               | Vinyl chloride                 | 20    | 19.9   | ug/L | 100 |     |      | 58  | 137            |     |
|               | Bromomethane                   | 20    | 13.7   | ug/L | 69  |     |      | 53  | 141            |     |
|               | Chloroethane                   | 20    | 19.1   | ug/L | 96  |     |      | 60  | 138            |     |
|               | Trichlorofluoromethane         | 20    | 19.2   | ug/L | 96  |     |      | 65  | 141            |     |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 18.9   | ug/L | 95  |     |      | 70  | 136            |     |
|               | 1,1-Dichloroethene             | 20    | 19.1   | ug/L | 96  |     |      | 71  | 131            |     |
|               | Acetone                        | 100   | 77.7   | ug/L | 78  |     |      | 39  | 160            |     |
|               | Carbon disulfide               | 20    | 20.8   | ug/L | 104 |     |      | 64  | 133            |     |
|               | Methyl tert-butyl Ether        | 20    | 17.8   | ug/L | 89  |     |      | 71  | 124            |     |
|               | Methyl Acetate                 | 20    | 14.2   | ug/L | 71  |     |      | 56  | 136            |     |
|               | Methylene Chloride             | 20    | 17.8   | ug/L | 89  |     |      | 74  | 124            |     |
|               | trans-1,2-Dichloroethene       | 20    | 18.9   | ug/L | 95  |     |      | 75  | 124            |     |
|               | 1,1-Dichloroethane             | 20    | 18.4   | ug/L | 92  |     |      | 77  | 125            |     |
|               | Cyclohexane                    | 20    | 17.5   | ug/L | 88  |     |      | 71  | 130            |     |
|               | 2-Butanone                     | 100   | 80.1   | ug/L | 80  |     |      | 56  | 143            |     |
|               | Carbon Tetrachloride           | 20    | 18.7   | ug/L | 94  |     |      | 72  | 136            |     |
|               | cis-1,2-Dichloroethene         | 20    | 18.6   | ug/L | 93  |     |      | 78  | 123            |     |
|               | Bromochloromethane             | 20    | 17.1   | ug/L | 86  |     |      | 78  | 123            |     |
|               | Chloroform                     | 20    | 18.3   | ug/L | 92  |     |      | 79  | 124            |     |
|               | 1,1,1-Trichloroethane          | 20    | 18.0   | ug/L | 90  |     |      | 74  | 131            |     |
|               | Methylcyclohexane              | 20    | 16.9   | ug/L | 85  |     |      | 72  | 132            |     |
|               | Benzene                        | 20    | 19.2   | ug/L | 96  |     |      | 79  | 120            |     |
|               | 1,2-Dichloroethane             | 20    | 18.3   | ug/L | 92  |     |      | 73  | 128            |     |
|               | Trichloroethene                | 20    | 19.4   | ug/L | 97  |     |      | 79  | 123            |     |
|               | 1,2-Dichloropropane            | 20    | 18.6   | ug/L | 93  |     |      | 78  | 122            |     |
|               | Bromodichloromethane           | 20    | 18.8   | ug/L | 94  |     |      | 79  | 125            |     |
|               | 4-Methyl-2-Pentanone           | 100   | 85.8   | ug/L | 86  |     |      | 67  | 130            |     |
|               | Toluene                        | 20    | 19.1   | ug/L | 96  |     |      | 80  | 121            |     |
|               | t-1,3-Dichloropropene          | 20    | 18.8   | ug/L | 94  |     |      | 73  | 127            |     |
|               | cis-1,3-Dichloropropene        | 20    | 18.7   | ug/L | 94  |     |      | 75  | 124            |     |
|               | 1,1,2-Trichloroethane          | 20    | 18.8   | ug/L | 94  |     |      | 80  | 119            |     |
|               | 2-Hexanone                     | 100   | 77.8   | ug/L | 78  |     |      | 57  | 139            |     |
|               | Dibromochloromethane           | 20    | 19.3   | ug/L | 97  |     |      | 74  | 126            |     |
|               | 1,2-Dibromoethane              | 20    | 18.6   | ug/L | 93  |     |      | 77  | 121            |     |
|               | Tetrachloroethene              | 20    | 19.2   | ug/L | 96  |     |      | 74  | 129            |     |
|               | Chlorobenzene                  | 20    | 19.4   | ug/L | 97  |     |      | 82  | 118            |     |
|               | Ethyl Benzene                  | 20    | 18.6   | ug/L | 93  |     |      | 79  | 121            |     |
|               | m/p-Xylenes                    | 40    | 38.8   | ug/L | 97  |     |      | 80  | 121            |     |
|               | o-Xylene                       | 20    | 19.5   | ug/L | 98  |     |      | 78  | 122            |     |
|               | Styrene                        | 20    | 19.0   | ug/L | 95  |     |      | 78  | 123            |     |
|               | Bromoform                      | 20    | 19.9   | ug/L | 100 |     |      | 66  | 130            |     |
|               | Isopropylbenzene               | 20    | 17.7   | ug/L | 89  |     |      | 72  | 131            |     |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 18.8   | ug/L | 94  |     |      | 71  | 121            |     |
|               | 1,3-Dichlorobenzene            | 20    | 18.3   | ug/L | 92  |     |      | 80  | 119            |     |
|               | 1,4-Dichlorobenzene            | 20    | 18.8   | ug/L | 94  |     |      | 79  | 118            |     |
|               | 1,2-Dichlorobenzene            | 20    | 18.6   | ug/L | 93  |     |      | 80  | 119            |     |

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

**SW-846**

**SDG No.:** Q2299

**Client:** AECOM Technical Services, Inc.

**Analytical Method:** SW8260-Low

**Datafile :** VN087020.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|-----|----------------|-----|
| VN0616WBS01   | 1,2-Dibromo-3-Chloropropane | 20    | 17.0   | ug/L | 85  |     |      | 62  | 128            |     |
|               | 1,2,4-Trichlorobenzene      | 20    | 16.9   | ug/L | 85  |     |      | 69  | 130            |     |
|               | 1,2,3-Trichlorobenzene      | 20    | 16.0   | ug/L | 80  |     |      | 69  | 129            |     |