

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

**SW-846**

**SDG No.:** Q2150

**Client:** CDM Smith

**Analytical Method:** SW8260D

**Datafile :** VY022456.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits<br>High | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|-----|----------------|-----|
| VY0529SBSD01  | Dichlorodifluoromethane        | 20    | 23.4   | ug/Kg | 117 | 3   |      | 64  | 136            | 20  |
|               | Chloromethane                  | 20    | 26.4   | ug/Kg | 132 | 0   |      | 52  | 151            | 20  |
|               | Vinyl chloride                 | 20    | 24.5   | ug/Kg | 123 | 3   |      | 56  | 148            | 20  |
|               | Bromomethane                   | 20    | 28.8   | ug/Kg | 144 | 3   | *    | 58  | 141            | 20  |
|               | Chloroethane                   | 20    | 27.0   | ug/Kg | 135 | 1   | *    | 69  | 130            | 20  |
|               | Trichlorofluoromethane         | 20    | 25.3   | ug/Kg | 127 | 6   |      | 69  | 134            | 20  |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 21.3   | ug/Kg | 106 | 1   |      | 81  | 123            | 20  |
|               | 1,1-Dichloroethene             | 20    | 22.1   | ug/Kg | 111 | 5   |      | 79  | 121            | 20  |
|               | Acetone                        | 100   | 120    | ug/Kg | 120 | 9   |      | 40  | 171            | 20  |
|               | Carbon disulfide               | 20    | 21.6   | ug/Kg | 108 | 4   |      | 59  | 130            | 20  |
|               | Methyl tert-butyl Ether        | 20    | 23.0   | ug/Kg | 115 | 3   |      | 77  | 129            | 20  |
|               | Methyl Acetate                 | 20    | 25.2   | ug/Kg | 126 | 9   |      | 69  | 149            | 20  |
|               | Methylene Chloride             | 20    | 21.4   | ug/Kg | 107 | 3   |      | 72  | 131            | 20  |
|               | trans-1,2-Dichloroethene       | 20    | 21.9   | ug/Kg | 110 | 6   |      | 80  | 123            | 20  |
|               | 1,1-Dichloroethane             | 20    | 22.8   | ug/Kg | 114 | 5   |      | 82  | 123            | 20  |
|               | Cyclohexane                    | 20    | 20.7   | ug/Kg | 104 | 0   |      | 76  | 122            | 20  |
|               | 2-Butanone                     | 100   | 110    | ug/Kg | 110 | 0   |      | 69  | 131            | 20  |
|               | Carbon Tetrachloride           | 20    | 20.5   | ug/Kg | 103 | 2   |      | 76  | 129            | 20  |
|               | cis-1,2-Dichloroethene         | 20    | 21.9   | ug/Kg | 110 | 4   |      | 82  | 123            | 20  |
|               | Bromochloromethane             | 20    | 22.0   | ug/Kg | 110 | 2   |      | 80  | 127            | 20  |
|               | Chloroform                     | 20    | 22.8   | ug/Kg | 114 | 4   |      | 82  | 125            | 20  |
|               | 1,1,1-Trichloroethane          | 20    | 21.6   | ug/Kg | 108 | 1   |      | 80  | 126            | 20  |
|               | Methylcyclohexane              | 20    | 20.0   | ug/Kg | 100 | 2   |      | 77  | 123            | 20  |
|               | Benzene                        | 20    | 21.4   | ug/Kg | 107 | 3   |      | 84  | 121            | 20  |
|               | 1,2-Dichloroethane             | 20    | 21.9   | ug/Kg | 110 | 2   |      | 81  | 126            | 20  |
|               | Trichloroethene                | 20    | 20.9   | ug/Kg | 104 | 1   |      | 83  | 122            | 20  |
|               | 1,2-Dichloropropane            | 20    | 21.9   | ug/Kg | 110 | 4   |      | 83  | 122            | 20  |
|               | Bromodichloromethane           | 20    | 21.5   | ug/Kg | 108 | 4   |      | 82  | 123            | 20  |
|               | 4-Methyl-2-Pentanone           | 100   | 110    | ug/Kg | 110 | 0   |      | 70  | 135            | 20  |
|               | Toluene                        | 20    | 20.6   | ug/Kg | 103 | 2   |      | 83  | 122            | 20  |
|               | t-1,3-Dichloropropene          | 20    | 21.2   | ug/Kg | 106 | 0   |      | 78  | 124            | 20  |
|               | cis-1,3-Dichloropropene        | 20    | 21.2   | ug/Kg | 106 | 2   |      | 81  | 122            | 20  |
|               | 1,1,2-Trichloroethane          | 20    | 21.2   | ug/Kg | 106 | 0   |      | 82  | 125            | 20  |
|               | 2-Hexanone                     | 100   | 110    | ug/Kg | 110 | 0   |      | 66  | 138            | 20  |
|               | Dibromochloromethane           | 20    | 21.1   | ug/Kg | 106 | 0   |      | 79  | 125            | 20  |
|               | 1,2-Dibromoethane              | 20    | 21.6   | ug/Kg | 108 | 2   |      | 80  | 125            | 20  |
|               | Tetrachloroethene              | 20    | 20.9   | ug/Kg | 104 | 0   |      | 83  | 125            | 20  |
|               | Chlorobenzene                  | 20    | 20.9   | ug/Kg | 104 | 3   |      | 84  | 122            | 20  |
|               | Ethyl Benzene                  | 20    | 20.2   | ug/Kg | 101 | 2   |      | 82  | 124            | 20  |
|               | m/p-Xylenes                    | 40    | 40.0   | ug/Kg | 100 | 2   |      | 83  | 124            | 20  |
|               | o-Xylene                       | 20    | 20.3   | ug/Kg | 102 | 2   |      | 83  | 123            | 20  |
|               | Styrene                        | 20    | 20.4   | ug/Kg | 102 | 1   |      | 82  | 124            | 20  |
|               | Bromoform                      | 20    | 20.9   | ug/Kg | 104 | 3   |      | 75  | 127            | 20  |
|               | Isopropylbenzene               | 20    | 20.4   | ug/Kg | 102 | 3   |      | 82  | 124            | 20  |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 21.8   | ug/Kg | 109 | 3   |      | 77  | 127            | 20  |
|               | 1,3-Dichlorobenzene            | 20    | 20.5   | ug/Kg | 103 | 6   |      | 83  | 122            | 20  |
|               | 1,4-Dichlorobenzene            | 20    | 21.2   | ug/Kg | 106 | 7   |      | 84  | 121            | 20  |
|               | 1,2-Dichlorobenzene            | 20    | 21.1   | ug/Kg | 106 | 4   |      | 83  | 124            | 20  |

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| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| VY0529SBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 22.3   | ug/Kg | 112 | 3   |      | 66  | 134    | 20  |
|               | 1,2,4-Trichlorobenzene      | 20    | 21.7   | ug/Kg | 109 | 10  |      | 78  | 127    | 20  |
|               | 1,2,3-Trichlorobenzene      | 20    | 22.0   | ug/Kg | 110 | 7   |      | 70  | 137    | 20  |