

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

**SW-846**

**SDG No.:** Q1478

**Client:** JACOBS Engineering Group, Inc.

**Analytical Method:** SW8260-Low

**Datafile :** VX045104.D

| Lab Sample ID | Parameter                      | Spike | Result | Unit | Rec | RPD | Qual | Low     | Limits<br>High | RPD     |
|---------------|--------------------------------|-------|--------|------|-----|-----|------|---------|----------------|---------|
| VX0303WBSD01  | Dichlorodifluoromethane        | 20    | 18.3   | ug/L | 92  | 5   |      | 40 (69) | 160 (116)      | 20 (20) |
|               | Chloromethane                  | 20    | 20.1   | ug/L | 101 | 9   |      | 40 (65) | 160 (116)      | 20 (20) |
|               | Vinyl chloride                 | 20    | 18.2   | ug/L | 91  | 1   |      | 70 (65) | 130 (117)      | 20 (20) |
|               | Bromomethane                   | 20    | 20.8   | ug/L | 104 | 10  |      | 40 (58) | 160 (125)      | 20 (20) |
|               | Chloroethane                   | 20    | 17.6   | ug/L | 88  | 22  | *    | 40 (56) | 160 (128)      | 20 (20) |
|               | Trichlorofluoromethane         | 20    | 19.0   | ug/L | 95  | 1   |      | 40 (73) | 160 (115)      | 20 (20) |
|               | 1,1,2-Trichlorotrifluoroethane | 20    | 20.5   | ug/L | 103 | 3   |      | 70 (80) | 130 (112)      | 20 (20) |
|               | 1,1-Dichloroethene             | 20    | 18.6   | ug/L | 93  | 4   |      | 70 (74) | 130 (110)      | 20 (20) |
|               | Acetone                        | 100   | 91.7   | ug/L | 92  | 3   |      | 40 (60) | 160 (125)      | 20 (20) |
|               | Carbon disulfide               | 20    | 18.9   | ug/L | 95  | 3   |      | 40 (64) | 160 (112)      | 20 (20) |
|               | Methyl tert-butyl Ether        | 20    | 21.0   | ug/L | 105 | 22  | *    | 70 (78) | 130 (114)      | 20 (20) |
|               | Methyl Acetate                 | 20    | 18.7   | ug/L | 94  | 24  | *    | 70 (67) | 130 (125)      | 20 (20) |
|               | Methylene Chloride             | 20    | 19.8   | ug/L | 99  | 15  |      | 70 (72) | 130 (114)      | 20 (20) |
|               | trans-1,2-Dichloroethene       | 20    | 20.4   | ug/L | 102 | 8   |      | 70 (75) | 130 (108)      | 20 (20) |
|               | 1,1-Dichloroethane             | 20    | 20.2   | ug/L | 101 | 15  |      | 70 (78) | 130 (112)      | 20 (20) |
|               | Cyclohexane                    | 20    | 19.1   | ug/L | 96  | 2   |      | 70 (75) | 130 (110)      | 20 (20) |
|               | 2-Butanone                     | 100   | 95.5   | ug/L | 96  | 16  |      | 40 (65) | 160 (122)      | 20 (20) |
|               | Carbon Tetrachloride           | 20    | 18.8   | ug/L | 94  | 2   |      | 70 (77) | 130 (113)      | 20 (20) |
|               | cis-1,2-Dichloroethene         | 20    | 21.3   | ug/L | 106 | 16  |      | 70 (77) | 130 (110)      | 20 (20) |
|               | Bromochloromethane             | 20    | 29.2   | ug/L | 146 | 65  | * *  | 70 (70) | 130 (124)      | 20 (20) |
|               | Chloroform                     | 20    | 20.7   | ug/L | 104 | 18  |      | 70 (79) | 130 (113)      | 20 (20) |
|               | 1,1,1-Trichloroethane          | 20    | 19.8   | ug/L | 99  | 7   |      | 70 (80) | 130 (108)      | 20 (20) |
|               | Methylcyclohexane              | 20    | 20.5   | ug/L | 103 | 4   |      | 70 (72) | 130 (115)      | 20 (20) |
|               | Benzene                        | 20    | 20.5   | ug/L | 103 | 11  |      | 70 (82) | 130 (109)      | 20 (20) |
|               | 1,2-Dichloroethane             | 20    | 20.8   | ug/L | 104 | 14  |      | 70 (80) | 130 (115)      | 20 (20) |
|               | Trichloroethene                | 20    | 19.9   | ug/L | 100 | 6   |      | 70 (77) | 130 (113)      | 20 (20) |
|               | 1,2-Dichloropropane            | 20    | 20.2   | ug/L | 101 | 16  |      | 70 (83) | 130 (111)      | 20 (20) |
|               | Bromodichloromethane           | 20    | 20.8   | ug/L | 104 | 14  |      | 70 (83) | 130 (110)      | 20 (20) |
|               | 4-Methyl-2-Pentanone           | 100   | 96.8   | ug/L | 97  | 17  |      | 40 (74) | 160 (118)      | 20 (20) |
|               | Toluene                        | 20    | 21.4   | ug/L | 107 | 10  |      | 70 (82) | 130 (110)      | 20 (20) |
|               | t-1,3-Dichloropropene          | 20    | 22.1   | ug/L | 111 | 12  |      | 70 (79) | 130 (110)      | 20 (20) |
|               | cis-1,3-Dichloropropene        | 20    | 22.2   | ug/L | 111 | 12  |      | 70 (82) | 130 (110)      | 20 (20) |
|               | 1,1,2-Trichloroethane          | 20    | 20.8   | ug/L | 104 | 16  |      | 70 (83) | 130 (112)      | 20 (20) |
|               | 2-Hexanone                     | 100   | 94.6   | ug/L | 95  | 11  |      | 40 (73) | 160 (117)      | 20 (20) |
|               | Dibromochloromethane           | 20    | 21.3   | ug/L | 106 | 11  |      | 70 (82) | 130 (110)      | 20 (20) |
|               | 1,2-Dibromoethane              | 20    | 21.0   | ug/L | 105 | 15  |      | 70 (81) | 130 (110)      | 20 (20) |
|               | Tetrachloroethene              | 20    | 19.3   | ug/L | 97  | 2   |      | 70 (67) | 130 (123)      | 20 (20) |
|               | Chlorobenzene                  | 20    | 20.3   | ug/L | 102 | 6   |      | 70 (82) | 130 (109)      | 20 (20) |
|               | Ethyl Benzene                  | 20    | 19.8   | ug/L | 99  | 3   |      | 70 (83) | 130 (109)      | 20 (20) |
|               | m/p-Xylenes                    | 40    | 41.1   | ug/L | 103 | 4   |      | 70 (82) | 130 (110)      | 20 (20) |
|               | o-Xylene                       | 20    | 20.2   | ug/L | 101 | 4   |      | 70 (83) | 130 (109)      | 20 (20) |
|               | Styrene                        | 20    | 20.6   | ug/L | 103 | 5   |      | 70 (80) | 130 (111)      | 20 (20) |
|               | Bromoform                      | 20    | 19.9   | ug/L | 100 | 9   |      | 70 (79) | 130 (109)      | 20 (20) |
|               | Isopropylbenzene               | 20    | 18.8   | ug/L | 94  | 1   |      | 70 (83) | 130 (112)      | 20 (20) |
|               | 1,1,2,2-Tetrachloroethane      | 20    | 18.6   | ug/L | 93  | 14  |      | 70 (76) | 130 (118)      | 20 (20) |
|               | 1,3-Dichlorobenzene            | 20    | 20.1   | ug/L | 101 | 4   |      | 70 (82) | 130 (108)      | 20 (20) |
|               | 1,4-Dichlorobenzene            | 20    | 20.3   | ug/L | 102 | 7   |      | 70 (82) | 130 (107)      | 20 (20) |
|               | 1,2-Dichlorobenzene            | 20    | 20.4   | ug/L | 102 | 7   |      | 70 (82) | 130 (109)      | 20 (20) |

() = LABORATORY INHOUSE LIMIT

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|---------------|-----------------------------|-------|--------|------|-----|-----|------|---------|----------------|---------|
| VX0303WBSD01  | 1,2-Dibromo-3-Chloropropane | 20    | 17.8   | ug/L | 89  | 12  |      | 40 (68) | 160 (112)      | 20 (20) |
|               | 1,2,4-Trichlorobenzene      | 20    | 20.9   | ug/L | 104 | 7   |      | 70 (75) | 130 (113)      | 20 (20) |
|               | 1,2,3-Trichlorobenzene      | 20    | 20.8   | ug/L | 104 | 9   |      | 70 (76) | 130 (114)      | 20 (20) |