284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1812

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

**Analytical Method:** SW8260-Low **Datafile :** VN086289.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0416WBS01 | Dichlorodifluoromethane | 20 | 18.8 | ug/L | 94 | | | 40 (69) | 160 (116) | |
| | Chloromethane | 20 | 17.2 | ug/L | 86 | | | 40 (65) | 160 (116) | |
| | Vinyl chloride | 20 | 17.8 | ug/L | 89 | | | 70 (65) | 130 (117) | |
| | Bromomethane | 20 | 19.7 | ug/L | 99 | | | 40 (58) | 160 (125) | |
| | Chloroethane | 20 | 17.3 | ug/L | 86 | | | 40 (56) | 160 (128) | |
| | Trichlorofluoromethane | 20 | 17.9 | ug/L | 90 | | | 40 (73) | 160 (115) | |
| | 1,1,2-Trichlorotrifluoroethane | 20 | 18.2 | ug/L | 91 | | | 70 (80) | 130 (112) | |
| | 1,1-Dichloroethene | 20 | 17.1 | ug/L | 86 | | | 70 (74) | 130 (110) | |
| | Acetone | 100 | 100 | ug/L | 100 | | | 40 (60) | 160 (125) | |
| | Carbon disulfide | 20 | 16.8 | ug/L | 84 | | | 40 (64) | 160 (112) | |
| | Methyl tert-butyl Ether | 20 | 17.5 | ug/L | 88 | | | 70 (78) | 130 (114) | |
| | Methyl Acetate | 20 | 17.3 | ug/L | 86 | | | 70 (67) | 130 (125) | |
| | Methylene Chloride | 20 | 17.1 | ug/L | 86 | | | 70 (72) | 130 (114) | |
| | trans-1,2-Dichloroethene | 20 | 17.4 | ug/L | 87 | | | 70 (75) | 130 (108) | |
| | 1,1-Dichloroethane | 20 | 17.7 | ug/L | 89 | | | 70 (78) | 130 (112) | |
| | Cyclohexane | 20 | 17.5 | ug/L | 88 | | | 70 (75) | 130 (110) | |
| | 2-Butanone | 100 | 93.4 | ug/L | 93 | | | 40 (65) | 160 (122) | |
| | Carbon Tetrachloride | 20 | 17.9 | ug/L | 90 | | | 70 (77) | 130 (113) | |
| | cis-1,2-Dichloroethene | 20 | 17.5 | ug/L | 88 | | | 70 (77) | 130 (110) | |
| | Bromochloromethane | 20 | 25.4 | ug/L | 127 | | | 70 (70) | 130 (124) | |
| | Chloroform | 20 | 17.5 | ug/L | 88 | | | 70 (79) | 130 (113) | |
| | 1,1,1-Trichloroethane | 20 | 17.9 | ug/L | 90 | | | 70 (80) | 130 (108) | |
| | Methylcyclohexane | 20 | 18.1 | ug/L | 91 | | | 70 (72) | 130 (115) | |
| | Benzene | 20 | 17.9 | ug/L | 90 | | | 70 (82) | 130 (109) | |
| | 1,2-Dichloroethane | 20 | 17.7 | ug/L | 89 | | | 70 (80) | 130 (115) | |
| | Trichloroethene | 20 | 18.2 | ug/L | 91 | | | 70 (77) | 130 (113) | |
| | 1,2-Dichloropropane | 20 | 17.8 | ug/L | 89 | | | 70 (83) | 130 (111) | |
| | Bromodichloromethane | 20 | 18.1 | ug/L | 91 | | | 70 (83) | 130 (110) | |
| | 4-Methyl-2-Pentanone | 100 | 89.9 | ug/L | 90 | | | 40 (74) | 160 (118) | |
| | Toluene | 20 | 18.0 | ug/L | 90 | | | 70 (82) | 130 (110) | |
| | t-1,3-Dichloropropene | 20 | 18.2 | ug/L | 91 | | | 70 (79) | 130 (110) | |
| | cis-1,3-Dichloropropene | 20 | 17.7 | ug/L | 89 | | | 70 (82) | 130 (110) | |
| | 1,1,2-Trichloroethane | 20 | 17.9 | ug/L | 90 | | | 70 (83) | 130 (112) | |
| | 2-Hexanone | 100 | 92.6 | ug/L | 93 | | | 40 (73) | 160 (117) | |
| | Dibromochloromethane | 20 | 18.0 | ug/L | 90 | | | 70 (82) | 130 (110) | |
| | 1,2-Dibromoethane | 20 | 18.1 | ug/L | 91 | | | 70 (81) | 130 (110) | |
| | Tetrachloroethene | 20 | 18.6 | ug/L | 93 | | | 70 (67) | 130 (123) | |
| | Chlorobenzene | 20 | 17.9 | ug/L | 90 | | | 70 (82) | 130 (109) | |
| | Ethyl Benzene | 20 | 18.0 | ug/L | 90 | | | 70 (83) | 130 (109) | |
| | m/p-Xylenes | 40 | 36.3 | ug/L | 91 | | | 70 (82) | 130 (110) | |
| | o-Xylene | 20 | 18.0 | ug/L | 90 | | | 70 (83) | 130 (109) | |
| | Styrene | 20 | 18.1 | ug/L | 91 | | | 70 (80) | 130 (111) | |
| | Bromoform | 20 | 18.1 | ug/L | 91 | | | 70 (79) | 130 (109) | |
| | Isopropylbenzene | 20 | 17.8 | ug/L | 89 | | | 70 (83) | 130 (112) | |
| | 1,1,2,2-Tetrachloroethane | 20 | 17.1 | ug/L | 86 | | | 70 (76) | 130 (118) | |
| | 1,3-Dichlorobenzene | 20 | 18.0 | ug/L | 90 | | | 70 (82) | 130 (108) | |
| | 1,4-Dichlorobenzene | 20 | 17.9 | ug/L | 90 | | | 70 (82) | 130 (107) | |
| | 1,2-Dichlorobenzene | 20 | 17.9 | ug/L | 90 | | | 70 (82) | 130 (109) | |

( ) = LABORATORY INHOUSE LIMIT

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## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q1812

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

**Analytical Method:** SW8260-Low **Datafile :** VN086289.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|
| VN0416WBS01 | 1,2-Dibromo-3-Chloropropane | 20 | 18.7 | ug/L | 94 | | | 40 (68) | 160 (112) | |
| | 1,2,4-Trichlorobenzene | 20 | 19.4 | ug/L | 97 | | | 70 (75) | 130 (113) | |
| | 1,2,3-Trichlorobenzene | 20 | 19.0 | ug/L | 95 | | | 70 (76) | 130 (114) | |

( ) = LABORATORY INHOUSE LIMIT