

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2299

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

| Parameter                      | Spike       | Sample Result      | Result              | Units | Rec |      | RPD |            | Limits     |      | RPD |
|--------------------------------|-------------|--------------------|---------------------|-------|-----|------|-----|------------|------------|------|-----|
|                                |             |                    |                     |       | Rec | Qual | RPD | Qual       | Low        | High |     |
| Lab Sample ID :                | Q2299-04MSD | Client Sample ID : | TT191D1-20250609MSD |       |     |      |     | Datafile : | VN087071.D |      |     |
| Dichlorodifluoromethane        | 50          | 1.20               | 52.9                | ug/L  | 103 |      | 2   |            | 32         | 152  | 20  |
| Chloromethane                  | 50          | 0                  | 44.8                | ug/L  | 90  |      | 2   |            | 50         | 139  | 20  |
| Vinyl chloride                 | 50          | 0                  | 55.7                | ug/L  | 111 |      | 3   |            | 58         | 137  | 20  |
| Bromomethane                   | 50          | 0                  | 49.2                | ug/L  | 98  |      | 2   |            | 53         | 141  | 20  |
| Chloroethane                   | 50          | 0                  | 54.2                | ug/L  | 108 |      | 2   |            | 60         | 138  | 20  |
| Trichlorofluoromethane         | 50          | 0                  | 53.4                | ug/L  | 107 |      | 1   |            | 65         | 141  | 20  |
| 1,1,2-Trichlorotrifluoroethane | 50          | 2.10               | 53.0                | ug/L  | 102 |      | 0   |            | 70         | 136  | 20  |
| 1,1-Dichloroethene             | 50          | 0                  | 54.0                | ug/L  | 108 |      | 0   |            | 71         | 131  | 20  |
| Acetone                        | 250         | 0                  | 220                 | ug/L  | 88  |      | 4   |            | 39         | 160  | 20  |
| Carbon disulfide               | 50          | 0                  | 55.6                | ug/L  | 111 |      | 1   |            | 64         | 133  | 20  |
| Methyl tert-butyl Ether        | 50          | 0                  | 50.1                | ug/L  | 100 |      | 1   |            | 71         | 124  | 20  |
| Methyl Acetate                 | 50          | 0                  | 37.1                | ug/L  | 74  |      | 9   |            | 56         | 136  | 20  |
| Methylene Chloride             | 50          | 0                  | 50.3                | ug/L  | 101 |      | 0   |            | 74         | 124  | 20  |
| trans-1,2-Dichloroethene       | 50          | 0                  | 51.8                | ug/L  | 104 |      | 0   |            | 75         | 124  | 20  |
| 1,1-Dichloroethane             | 50          | 0                  | 51.4                | ug/L  | 103 |      | 1   |            | 77         | 125  | 20  |
| Cyclohexane                    | 50          | 0                  | 44.6                | ug/L  | 89  |      | 2   |            | 71         | 130  | 20  |
| 2-Butanone                     | 250         | 0                  | 230                 | ug/L  | 92  |      | 0   |            | 56         | 143  | 20  |
| Carbon Tetrachloride           | 50          | 0                  | 51.8                | ug/L  | 104 |      | 2   |            | 72         | 136  | 20  |
| cis-1,2-Dichloroethene         | 50          | 0                  | 52.3                | ug/L  | 105 |      | 1   |            | 78         | 123  | 20  |
| Bromochloromethane             | 50          | 0                  | 43.6                | ug/L  | 87  |      | 5   |            | 78         | 123  | 20  |
| Chloroform                     | 50          | 0                  | 51.3                | ug/L  | 103 |      | 2   |            | 79         | 124  | 20  |
| 1,1,1-Trichloroethane          | 50          | 0                  | 50.0                | ug/L  | 100 |      | 3   |            | 74         | 131  | 20  |
| Methylcyclohexane              | 50          | 0                  | 41.4                | ug/L  | 83  |      | 1   |            | 72         | 132  | 20  |
| Benzene                        | 50          | 0                  | 51.7                | ug/L  | 103 |      | 0   |            | 79         | 120  | 20  |
| 1,2-Dichloroethane             | 50          | 0                  | 50.5                | ug/L  | 101 |      | 2   |            | 73         | 128  | 20  |
| Trichloroethene                | 50          | 11.1               | 67.6                | ug/L  | 113 |      | 9   |            | 79         | 123  | 20  |
| 1,2-Dichloropropane            | 50          | 0                  | 50.9                | ug/L  | 102 |      | 1   |            | 78         | 122  | 20  |
| Bromodichloromethane           | 50          | 0                  | 51.2                | ug/L  | 102 |      | 1   |            | 79         | 125  | 20  |
| 4-Methyl-2-Pentanone           | 250         | 0                  | 240                 | ug/L  | 96  |      | 4   |            | 67         | 130  | 20  |
| Toluene                        | 50          | 0                  | 52.1                | ug/L  | 104 |      | 1   |            | 80         | 121  | 20  |
| t-1,3-Dichloropropene          | 50          | 0                  | 50.5                | ug/L  | 101 |      | 1   |            | 73         | 127  | 20  |
| cis-1,3-Dichloropropene        | 50          | 0                  | 50.0                | ug/L  | 100 |      | 1   |            | 75         | 124  | 20  |
| 1,1,2-Trichloroethane          | 50          | 0                  | 52.0                | ug/L  | 104 |      | 1   |            | 80         | 119  | 20  |
| 2-Hexanone                     | 250         | 0                  | 240                 | ug/L  | 96  |      | 8   |            | 57         | 139  | 20  |
| Dibromochloromethane           | 50          | 0                  | 53.6                | ug/L  | 107 |      | 1   |            | 74         | 126  | 20  |
| 1,2-Dibromoethane              | 50          | 0                  | 51.8                | ug/L  | 104 |      | 2   |            | 77         | 121  | 20  |
| Tetrachloroethene              | 50          | 0                  | 48.9                | ug/L  | 98  |      | 0   |            | 74         | 129  | 20  |
| Chlorobenzene                  | 50          | 0                  | 52.0                | ug/L  | 104 |      | 2   |            | 82         | 118  | 20  |
| Ethyl Benzene                  | 50          | 0                  | 49.8                | ug/L  | 100 |      | 1   |            | 79         | 121  | 20  |
| m/p-Xylenes                    | 100         | 0                  | 100                 | ug/L  | 100 |      | 0   |            | 80         | 121  | 20  |
| o-Xylene                       | 50          | 0                  | 52.4                | ug/L  | 105 |      | 1   |            | 78         | 122  | 20  |
| Styrene                        | 50          | 0                  | 52.1                | ug/L  | 104 |      | 1   |            | 78         | 123  | 20  |
| Bromoform                      | 50          | 0                  | 54.6                | ug/L  | 109 |      | 0   |            | 66         | 130  | 20  |
| Isopropylbenzene               | 50          | 0                  | 48.5                | ug/L  | 97  |      | 2   |            | 72         | 131  | 20  |
| 1,1,2,2-Tetrachloroethane      | 50          | 0                  | 51.5                | ug/L  | 103 |      | 3   |            | 71         | 121  | 20  |

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SDG No.: Q2299

Client: AECOM Technical Services, Inc.

Analytical Method: SW8260-Low

| Parameter                   | Spike | Sample<br>Result | Result | Units | Rec |      |     | RPD  |     | Limits |     |  |
|-----------------------------|-------|------------------|--------|-------|-----|------|-----|------|-----|--------|-----|--|
|                             |       |                  |        |       | Rec | Qual | RPD | Qual | Low | High   | RPD |  |
| 1,3-Dichlorobenzene         | 50    | 0                | 50.9   | ug/L  | 102 |      | 2   |      | 80  | 119    | 20  |  |
| 1,4-Dichlorobenzene         | 50    | 0                | 50.7   | ug/L  | 101 |      | 2   |      | 79  | 118    | 20  |  |
| 1,2-Dichlorobenzene         | 50    | 0                | 50.4   | ug/L  | 101 |      | 1   |      | 80  | 119    | 20  |  |
| 1,2-Dibromo-3-Chloropropane | 50    | 0                | 48.2   | ug/L  | 96  |      | 4   |      | 62  | 128    | 20  |  |
| 1,2,4-Trichlorobenzene      | 50    | 0                | 43.1   | ug/L  | 86  |      | 3   |      | 69  | 130    | 20  |  |
| 1,2,3-Trichlorobenzene      | 50    | 0                | 42.4   | ug/L  | 85  |      | 4   |      | 69  | 129    | 20  |  |