

# Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1993

Client: PARSONS Engineering of New York, Inc.

Analytical Method: SW8260-Low

| Parameter                 | Spike      | Sample             | Result          | Units | Rec  |     |      | RPD        |            | Limits |  | RPD |
|---------------------------|------------|--------------------|-----------------|-------|------|-----|------|------------|------------|--------|--|-----|
|                           |            | Result             |                 |       | Qual | RPD | Qual | Low        | High       |        |  |     |
| Lab Sample ID :           | Q1993-02MS | Client Sample ID : | MW-3-20250508MS |       |      |     |      | Datafile : | VX046119.D |        |  |     |
| Chloromethane             | 50         | 0                  | 54.3            | ug/L  | 109  |     |      |            | 58         | 133    |  |     |
| Vinyl chloride            | 50         | 0                  | 52.4            | ug/L  | 105  |     |      |            | 69         | 125    |  |     |
| Bromomethane              | 50         | 0                  | 49.1            | ug/L  | 98   |     |      |            | 28         | 165    |  |     |
| Chloroethane              | 50         | 0                  | 59.8            | ug/L  | 120  |     |      |            | 70         | 141    |  |     |
| 1,1-Dichloroethene        | 50         | 0                  | 51.5            | ug/L  | 103  |     |      |            | 53         | 162    |  |     |
| Acetone                   | 250        | 2.80               | 260             | ug/L  | 103  |     |      |            | 44         | 150    |  |     |
| Carbon disulfide          | 50         | 0                  | 56.5            | ug/L  | 113  |     |      |            | 44         | 135    |  |     |
| Methyl tert-butyl Ether   | 50         | 0.54               | 52.6            | ug/L  | 104  |     |      |            | 82         | 133    |  |     |
| Methylene Chloride        | 50         | 0                  | 50.3            | ug/L  | 101  |     |      |            | 79         | 115    |  |     |
| trans-1,2-Dichloroethene  | 50         | 0                  | 52.9            | ug/L  | 106  |     |      |            | 76         | 118    |  |     |
| 1,1-Dichloroethane        | 50         | 0                  | 53.8            | ug/L  | 108  |     |      |            | 78         | 122    |  |     |
| 2-Butanone                | 250        | 0                  | 260             | ug/L  | 104  |     |      |            | 67         | 137    |  |     |
| Carbon Tetrachloride      | 50         | 0                  | 51.4            | ug/L  | 103  |     |      |            | 66         | 133    |  |     |
| cis-1,2-Dichloroethene    | 50         | 0                  | 53.6            | ug/L  | 107  |     |      |            | 82         | 124    |  |     |
| Chloroform                | 50         | 0                  | 53.3            | ug/L  | 107  |     |      |            | 83         | 119    |  |     |
| 1,1,1-Trichloroethane     | 50         | 0                  | 52.3            | ug/L  | 105  |     |      |            | 83         | 117    |  |     |
| Benzene                   | 50         | 0                  | 52.0            | ug/L  | 104  |     |      |            | 81         | 128    |  |     |
| 1,2-Dichloroethane        | 50         | 0                  | 51.8            | ug/L  | 104  |     |      |            | 76         | 120    |  |     |
| Trichloroethene           | 50         | 0                  | 51.8            | ug/L  | 104  |     |      |            | 28         | 175    |  |     |
| 1,2-Dichloropropane       | 50         | 0                  | 52.7            | ug/L  | 105  |     |      |            | 85         | 116    |  |     |
| Bromodichloromethane      | 50         | 0                  | 53.2            | ug/L  | 106  |     |      |            | 54         | 157    |  |     |
| 4-Methyl-2-Pentanone      | 250        | 0                  | 270             | ug/L  | 108  |     |      |            | 72         | 137    |  |     |
| Toluene                   | 50         | 0.28               | 52.4            | ug/L  | 104  |     |      |            | 85         | 115    |  |     |
| t-1,3-Dichloropropene     | 50         | 0                  | 51.7            | ug/L  | 103  |     |      |            | 60         | 141    |  |     |
| cis-1,3-Dichloropropene   | 50         | 0                  | 51.8            | ug/L  | 104  |     |      |            | 36         | 161    |  |     |
| 1,1,2-Trichloroethane     | 50         | 0                  | 52.9            | ug/L  | 106  |     |      |            | 27         | 175    |  |     |
| 2-Hexanone                | 250        | 0                  | 270             | ug/L  | 108  |     |      |            | 75         | 131    |  |     |
| Dibromochloromethane      | 50         | 0                  | 54.4            | ug/L  | 109  |     |      |            | 59         | 164    |  |     |
| Tetrachloroethene         | 50         | 0                  | 48.0            | ug/L  | 96   |     |      |            | 48         | 153    |  |     |
| Chlorobenzene             | 50         | 0                  | 49.8            | ug/L  | 100  |     |      |            | 85         | 114    |  |     |
| Ethyl Benzene             | 50         | 0                  | 52.1            | ug/L  | 104  |     |      |            | 81         | 128    |  |     |
| m/p-Xylenes               | 100        | 0                  | 100             | ug/L  | 100  |     |      |            | 69         | 129    |  |     |
| o-Xylene                  | 50         | 0                  | 52.1            | ug/L  | 104  |     |      |            | 75         | 127    |  |     |
| Styrene                   | 50         | 0                  | 53.7            | ug/L  | 107  |     |      |            | 84         | 128    |  |     |
| Bromoform                 | 50         | 0                  | 53.0            | ug/L  | 106  |     |      |            | 73         | 147    |  |     |
| 1,1,2,2-Tetrachloroethane | 50         | 0                  | 49.3            | ug/L  | 99   |     |      |            | 81         | 131    |  |     |