

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** P3429

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

**Analytical Method:** SW8270-Modified

| Parameter                         | Spike | Sample Result                            | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits High | RPD     |
|-----------------------------------|-------|------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|---------|-------------|---------|
| <b>Lab Sample ID: P3415-05MSD</b> |       | <b>Client Sample ID: MLS-15-70-85MSD</b> |        | <b>DataFile: BN033218.D</b> |     |          |     |          |         |             |         |
| Naphthalene                       | 0.42  | 0                                        | 0.31   | ug/L                        | 74  |          | 9   |          | 70 (62) | 130 (119)   | 20 (20) |
| 2-Methylnaphthalene               | 0.42  | 0                                        | 0.30   | ug/L                        | 71  |          | 13  |          | 70 (70) | 130 (118)   | 20 (20) |
| Acenaphthylene                    | 0.42  | 0                                        | 0.36   | ug/L                        | 86  |          | 13  |          | 70 (53) | 130 (123)   | 20 (20) |
| Acenaphthene                      | 0.42  | 0                                        | 0.34   | ug/L                        | 81  |          | 14  |          | 70 (57) | 130 (122)   | 20 (20) |
| Fluorene                          | 0.42  | 0                                        | 0.34   | ug/L                        | 81  |          | 11  |          | 70 (58) | 130 (123)   | 20 (20) |
| Phenanthrene                      | 0.42  | 0                                        | 0.37   | ug/L                        | 88  |          | 11  |          | 70 (64) | 130 (129)   | 20 (20) |
| Anthracene                        | 0.42  | 0                                        | 0.34   | ug/L                        | 81  |          | 8   |          | 70 (67) | 130 (127)   | 20 (20) |
| Fluoranthene                      | 0.42  | 0                                        | 0.35   | ug/L                        | 83  |          | 11  |          | 70 (55) | 130 (140)   | 20 (20) |
| Pyrene                            | 0.42  | 0                                        | 0.42   | ug/L                        | 100 |          | 11  |          | 70 (59) | 130 (137)   | 20 (20) |
| Benzo(a)anthracene                | 0.42  | 0.030                                    | 0.39   | ug/L                        | 86  |          | 2   |          | 70 (51) | 130 (146)   | 20 (20) |
| Chrysene                          | 0.42  | 0.040                                    | 0.42   | ug/L                        | 90  |          | 13  |          | 70 (61) | 130 (126)   | 20 (20) |
| Benzo(b)fluoranthene              | 0.42  | 0.040                                    | 0.35   | ug/L                        | 74  |          | 17  |          | 70 (60) | 130 (123)   | 20 (20) |
| Benzo(k)fluoranthene              | 0.42  | 0.040                                    | 0.38   | ug/L                        | 81  |          | 19  |          | 70 (61) | 130 (122)   | 20 (20) |
| Benzo(a)pyrene                    | 0.42  | 0                                        | 0.39   | ug/L                        | 93  |          | 12  |          | 70 (54) | 130 (129)   | 20 (20) |
| Indeno(1,2,3-cd)pyrene            | 0.42  | 0.040                                    | 0.43   | ug/L                        | 93  |          | 12  |          | 70 (50) | 130 (134)   | 20 (20) |
| Dibenz(a,h)anthracene             | 0.42  | 0.040                                    | 0.43   | ug/L                        | 93  |          | 12  |          | 70 (53) | 130 (121)   | 20 (20) |
| Benzo(g,h,i)perylene              | 0.42  | 0.040                                    | 0.39   | ug/L                        | 83  |          | 11  |          | 70 (44) | 130 (132)   | 20 (20) |
| 1,4-Dioxane                       | 0.42  | 0                                        | 0.16   | ug/L                        | 38  |          | 0   |          | 20 (10) | 160 (175)   | 20 (20) |