

**SOLID EPH\_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY**

|                    |                    |                    |                                         |
|--------------------|--------------------|--------------------|-----------------------------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>    | <b>Client:</b>     | <u>Sciacca General Contractors, LLC</u> |
| <b>Lab Code:</b>   | <u>ACE</u>         | <b>SDG No:</b>     | <u>Q3410</u>                            |
| <b>Sample No :</b> | <u>PB170249BSD</u> | <b>Datafile:</b>   | <u>FC070030.D</u>                       |
|                    |                    | <b>Client ID :</b> | <u>PB170249BSD</u>                      |

| COMPOUND          | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS (%) | QC Limit<br>Of RPD |
|-------------------|-------------------------|------------------------------------|-------|------|---------------------|--------------------|
| Aliphatic C28-C40 | 30.0                    | 17.8                               | 59    |      | 1.7  (40-140)       | 25                 |
| Aliphatic C9-C28  | 99.9                    | 53.9                               | 55    |      | 1.1  (40-140)       | 25                 |

| COMPOUND                     | SPIKE<br>ADDED<br>mg/kg | LCS/LCSD<br>CONCENTRATION<br>mg/kg | % REC | Qual | RPD   QC LIMITS(%) | QC Limit Of<br>RPD |
|------------------------------|-------------------------|------------------------------------|-------|------|--------------------|--------------------|
| n-Nonane (C9)                | 3.3                     | 1.85096                            | 56    |      | 1.8  (40-140)      | 25                 |
| n-Decane (C10)               | 3.3                     | 1.90886                            | 58    |      | 1.74  (40-140)     | 25                 |
| Naphthalene (C11.7)          | 3.3                     | 2.16058                            | 65    |      | 1.55  (40-140)     | 25                 |
| n-Dodecane (C12)             | 3.3                     | 1.97630                            | 60    |      | 1.68  (40-140)     | 25                 |
| 2-methylnaphthalene (C12.89) | 3.3                     | 1.99735                            | 61    |      | 1.65  (40-140)     | 25                 |
| n-Tetradecane (C14)          | 3.3                     | 1.99820                            | 61    |      | 1.65  (40-140)     | 25                 |
| n-Hexadecane (C16)           | 3.3                     | 1.90843                            | 58    |      | 1.74  (40-140)     | 25                 |
| n-Octadecane (C18)           | 3.3                     | 1.87816                            | 57    |      | 1.77  (40-140)     | 25                 |
| n-Eicosane (C20)             | 3.3                     | 1.95180                            | 59    |      | 0  (40-140)        | 25                 |
| n-Heneicosane (C21)          | 3.3                     | 1.96650                            | 60    |      | 1.68  (40-140)     | 25                 |
| n-Docosane (C22)             | 3.3                     | 1.93389                            | 59    |      | 1.71  (40-140)     | 25                 |
| n-Tetracosane (C24)          | 6.7                     | 3.84774                            | 57    |      | 0  (40-140)        | 25                 |
| n-Hexacosane (C26)           | 3.3                     | 1.89494                            | 57    |      | 0  (40-140)        | 25                 |
| n-Octacosane (C28)           | 3.3                     | 1.93414                            | 59    |      | 0  (40-140)        | 25                 |
| n-Tricontane (C30)           | 3.3                     | 1.83255                            | 56    |      | 0  (40-140)        | 25                 |
| n-Dotriacontane (C32)        | 3.3                     | 1.79539                            | 54    |      | 1.83  (40-140)     | 25                 |
| n-Tetratriacontane (C34)     | 3.3                     | 1.81237                            | 55    |      | 0  (40-140)        | 25                 |
| n-Hexatriacontane (C36)      | 3.3                     | 1.71118                            | 52    |      | 0  (40-140)        | 25                 |
| n-Octatriacontane (C38)      | 3.3                     | 1.61246                            | 49    |      | 0  (40-140)        | 25                 |
| n-Tetracontane (C40)         | 3.3                     | 1.50863                            | 46    |      | 2.2  (40-140)      | 25                 |