

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

|                    |                    |                    |                     |
|--------------------|--------------------|--------------------|---------------------|
| <b>Lab Name:</b>   | <u>Alliance</u>    | <b>Client:</b>     | <u>Ronald Adams</u> |
| <b>Lab Code:</b>   | <u>ACE</u>         | <b>SDG No:</b>     | <u>Q3301</u>        |
| <b>Sample No :</b> | <u>PB170011BSD</u> | <b>Datafile:</b>   | <u>FD049830.D</u>   |
|                    |                    | <b>Client ID :</b> | <u>PB170011BSD</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 |
|------------------|-------------------------|------------------------------------|-------|------|----------------------------------------|
| Aromatic C10-C12 | 6.7                     | 4.77                               | 72    |      | 0.13  (40-140) 25                      |
| Aromatic C12-C16 | 10                      | 7.87                               | 79    |      | 0.06  (40-140) 25                      |
| Aromatic C16-C21 | 16.7                    | 16.1                               | 97    |      | 0.58  (40-140) 25                      |
| Aromatic C21-C36 | 26.6                    | 27.2                               | 102   |      | 2  (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 |
|---------------------------------|-------------------------|------------------------------------|-------|------|---------------------------------------|
| 1,2,3-Trimethylbenzene (C10.1)  | 3.3                     | 2.30110                            | 70    |      | 0  (40-140) 25                        |
| Naphthalene (C11.7)             | 3.3                     | 2.46165                            | 75    |      | 1.34  (40-140) 25                     |
| 2-Methylnaphthalene (C12.89)    | 3.3                     | 2.35849                            | 71    |      | 0  (40-140) 25                        |
| Acenaphthylene (C15.06)         | 3.3                     | 2.72181                            | 82    |      | 0  (40-140) 25                        |
| Acenaphthene (C15.5)            | 3.3                     | 2.77925                            | 84    |      | 0  (40-140) 25                        |
| Flouorene (C16.55)              | 3.3                     | 2.99639                            | 91    |      | 1.1  (40-140) 25                      |
| Phenanthrene (C19.36)           | 3.3                     | 3.15915                            | 96    |      | 1.05  (40-140) 25                     |
| Anthracene (C19.43)             | 3.3                     | 3.21200                            | 97    |      | 1.04  (40-140) 25                     |
| Fluoranthene (C21.85)           | 3.3                     | 3.34886                            | 101   |      | 0  (40-140) 25                        |
| Pyrene (C20.8)                  | 3.3                     | 3.40601                            | 103   |      | 0.98  (40-140) 25                     |
| Benzo[a]anthracene (C26.37)     | 3.3                     | 3.48070                            | 105   |      | 0  (40-140) 25                        |
| Chrysene (C27.41)               | 3.3                     | 3.74979                            | 114   |      | 1.77  (40-140) 25                     |
| benzo[b]fluoranthene (C30.41)   | 3.3                     | 3.39836                            | 103   |      | 0.98  (40-140) 25                     |
| Bnezo[k]fluoranthene (C30.14)   | 3.3                     | 3.61861                            | 110   |      | 4.65  (40-140) 25                     |
| Benzo[a]pyrene (C31.34)         | 3.3                     | 3.34491                            | 101   |      | 1  (40-140) 25                        |
| Indeno[1,2,3-cd]pyrene (C35.01) | 3.3                     | 3.74512                            | 113   |      | 0  (40-140) 25                        |
| Dibenz[a,h]anthracene (C30.36)  | 3.3                     | 3.27293                            | 99    |      | 1.02  (40-140) 25                     |
| Benzo[g,h,i]perylene (C34.01)   | 3.3                     | 3.13507                            | 95    |      | 1.06  (40-140) 25                     |