

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\  
 Method File : PR071519.M  
 Title : GC EXTRACTABLES  
 Last Update : Tue Jul 16 02:56:01 2019  
 Response Via : Initial Calibration

## Calibration Files

750 =PR039314.D 1000 =PR039313.D 500 =PR039315.D  
 250 =PR039316.D 50 =PR039317.D

| Compound |    |                      | 750   | 1000  | 500   | 250   | 50    | Avg   | %RSD |       |
|----------|----|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1)       | SA | Tetrachloro-m-xylene | 1.525 | 1.403 | 1.841 | 1.434 | 1.542 | 1.549 | E6   | 11.20 |
| 2)       | SA | Decachlorobiphenyl   | 2.347 | 2.212 | 2.537 | 2.425 | 2.705 | 2.445 | E6   | 7.67  |
| 3)       | L1 | AR-1016-1            | 5.494 | 5.233 | 6.745 | 5.848 | 6.748 | 6.014 | E4   | 11.70 |
| 4)       | L1 | AR-1016-2            | 0.954 | 0.879 | 1.107 | 0.931 | 1.040 | 0.982 | E5   | 9.24  |
| 5)       | L1 | AR-1016-3            | 4.750 | 4.428 | 5.588 | 4.736 | 5.336 | 4.968 | E4   | 9.61  |
| 6)       | L1 | AR-1016-4            | 3.738 | 3.469 | 4.427 | 3.911 | 4.447 | 3.998 | E4   | 10.75 |
| 7)       | L1 | AR-1016-5            | 5.092 | 4.734 | 5.999 | 5.313 | 6.060 | 5.440 | E4   | 10.61 |
| 8)       | L2 | AR-1221-1            |       |       | 1.561 |       |       | 1.561 | E4   | 0.00  |
| 9)       | L2 | AR-1221-2            |       |       | 1.269 |       |       | 1.269 | E4   | 0.00  |
| 10)      | L2 | AR-1221-3            |       |       | 3.961 |       |       | 3.961 | E4   | 0.00  |
| 11)      | L3 | AR-1232-1            |       |       | 2.970 |       |       | 2.970 | E4   | 0.00  |
| 12)      | L3 | AR-1232-2            |       |       | 3.691 |       |       | 3.691 | E4   | 0.00  |
| 13)      | L3 | AR-1232-3            |       |       | 1.826 |       |       | 1.826 | E4   | 0.00  |
| 14)      | L3 | AR-1232-4            |       |       | 1.593 |       |       | 1.593 | E4   | 0.00  |
| 15)      | L3 | AR-1232-5            |       |       | 1.803 |       |       | 1.803 | E4   | 0.00  |
| 16)      | L4 | AR-1242-1            |       |       | 5.284 |       |       | 5.284 | E4   | 0.00  |
| 17)      | L4 | AR-1242-2            |       |       | 8.715 |       |       | 8.715 | E4   | 0.00  |
| 18)      | L4 | AR-1242-3            |       |       | 4.353 |       |       | 4.353 | E4   | 0.00  |
| 19)      | L4 | AR-1242-4            |       |       | 4.306 |       |       | 4.306 | E4   | 0.00  |
| 20)      | L4 | AR-1242-5            |       |       | 6.249 |       |       | 6.249 | E4   | 0.00  |
| 21)      | L5 | AR-1248-1            |       |       | 4.328 |       |       | 4.328 | E4   | 0.00  |
| 22)      | L5 | AR-1248-2            |       |       | 6.273 |       |       | 6.273 | E4   | 0.00  |
| 23)      | L5 | AR-1248-3            |       |       | 6.528 |       |       | 6.528 | E4   | 0.00  |
| 24)      | L5 | AR-1248-4            |       |       | 8.198 |       |       | 8.198 | E4   | 0.00  |
| 25)      | L5 | AR-1248-5            |       |       | 8.737 |       |       | 8.737 | E4   | 0.00  |
| 26)      | L6 | AR-1254-1            | 1.351 | 1.283 | 1.360 | 1.355 | 1.264 | 1.323 | E5   | 3.43  |
| 27)      | L6 | AR-1254-2            | 1.181 | 1.120 | 1.194 | 1.205 | 1.157 | 1.171 | E5   | 2.88  |
| 28)      | L6 | AR-1254-3            | 2.121 | 2.023 | 2.114 | 2.105 | 1.969 | 2.066 | E5   | 3.27  |
| 29)      | L6 | AR-1254-4            | 1.576 | 1.500 | 1.580 | 1.582 | 1.416 | 1.531 | E5   | 4.77  |
| 30)      | L6 | AR-1254-5            | 1.922 | 1.830 | 1.924 | 1.920 | 1.719 | 1.863 | E5   | 4.82  |
| 31)      | L7 | AR-1260-1            | 1.087 | 1.011 | 1.251 | 1.124 | 1.258 | 1.146 | E5   | 9.32  |
| 32)      | L7 | AR-1260-2            | 1.389 | 1.294 | 1.598 | 1.460 | 1.800 | 1.508 | E5   | 13.08 |
| 33)      | L7 | AR-1260-3            | 1.294 | 1.209 | 1.470 | 1.325 | 1.433 | 1.346 | E5   | 7.86  |
| 34)      | L7 | AR-1260-4            | 1.150 | 1.071 | 1.295 | 1.180 | 1.289 | 1.197 | E5   | 7.98  |
| 35)      | L7 | AR-1260-5            | 2.956 | 2.768 | 3.282 | 2.934 | 3.087 | 3.005 | E5   | 6.38  |
| 36)      | L8 | AR-1262-1            |       |       | 9.480 |       |       | 9.480 | E4   | 0.00  |
| 37)      | L8 | AR-1262-2            |       |       | 4.865 |       |       | 4.865 | E5   | 0.00  |
| 38)      | L8 | AR-1262-3            |       |       | 1.816 |       |       | 1.816 | E5   | 0.00  |
| 39)      | L8 | AR-1262-4            |       |       | 3.558 |       |       | 3.558 | E5   | 0.00  |
| 40)      | L8 | AR-1262-5            |       |       | 1.631 |       |       | 1.631 | E5   | 0.00  |
| 41)      | L9 | AR-1268-1            |       |       | 5.399 |       |       | 5.399 | E5   | 0.00  |
| 42)      | L9 | AR-1268-2            |       |       | 4.953 |       |       | 4.953 | E5   | 0.00  |
| 43)      | L9 | AR-1268-3            |       |       | 4.009 |       |       | 4.009 | E5   | 0.00  |
| 44)      | L9 | AR-1268-4            |       |       | 1.786 |       |       | 1.786 | E5   | 0.00  |
| 45)      | L9 | AR-1268-5            |       |       | 1.358 |       |       | 1.358 | E6   | 0.00  |

## Signal #2 Calibration Files

750 =PR039314.D 1000 =PR039313.D 500 =PR039315.D  
 250 =PR039316.D 50 =PR039317.D

| Compound |                      | 750   | 1000  | 500   | 250   | 50    | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 6.285 | 5.808 | 7.546 | 6.082 | 6.615 | 6.467 | E6   | 10.37 |
| 2) SA    | Decachlorobiphenyl   | 8.267 | 7.830 | 8.865 | 8.459 | 9.368 | 8.558 | E6   | 6.85  |
| 3) L1    | AR-1016-1            | 2.389 | 2.235 | 2.796 | 2.405 | 2.683 | 2.501 | E5   | 9.23  |
| 4) L1    | AR-1016-2            | 3.479 | 3.254 | 4.093 | 3.487 | 3.931 | 3.649 | E5   | 9.57  |
| 5) L1    | AR-1016-3            | 2.115 | 1.969 | 2.465 | 2.130 | 2.327 | 2.201 | E5   | 8.85  |

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## Calibration Files

750 =PR039314.D 1000 =PR039313.D 500 =PR039315.D  
 250 =PR039316.D 50 =PR039317.D

| Compound |    |           | 750   | 1000  | 500   | 250   | 50    | Avg      | %RSD  |
|----------|----|-----------|-------|-------|-------|-------|-------|----------|-------|
| -----    |    |           |       |       |       |       |       |          |       |
| 6)       | L1 | AR-1016-4 | 1.787 | 1.674 | 2.080 | 1.793 | 2.019 | 1.871 E5 | 9.18  |
| 7)       | L1 | AR-1016-5 | 1.749 | 1.628 | 2.028 | 1.770 | 2.002 | 1.835 E5 | 9.43  |
| 8)       | L2 | AR-1221-1 |       |       | 5.931 |       |       | 5.931 E4 | 0.00  |
| 9)       | L2 | AR-1221-2 |       |       | 4.621 |       |       | 4.621 E4 | 0.00  |
| 10)      | L2 | AR-1221-3 |       |       | 1.508 |       |       | 1.508 E5 | 0.00  |
| 11)      | L3 | AR-1232-1 |       |       | 1.099 |       |       | 1.099 E5 | 0.00  |
| 12)      | L3 | AR-1232-2 |       |       | 5.994 |       |       | 5.994 E4 | 0.00  |
| 13)      | L3 | AR-1232-3 |       |       | 1.297 |       |       | 1.297 E5 | 0.00  |
| 14)      | L3 | AR-1232-4 |       |       | 6.697 |       |       | 6.697 E4 | 0.00  |
| 15)      | L3 | AR-1232-5 |       |       | 4.557 |       |       | 4.557 E4 | 0.00  |
| 16)      | L4 | AR-1242-1 |       |       | 2.149 |       |       | 2.149 E5 | 0.00  |
| 17)      | L4 | AR-1242-2 |       |       | 3.126 |       |       | 3.126 E5 | 0.00  |
| 18)      | L4 | AR-1242-3 |       |       | 1.906 |       |       | 1.906 E5 | 0.00  |
| 19)      | L4 | AR-1242-4 |       |       | 1.605 |       |       | 1.605 E5 | 0.00  |
| 20)      | L4 | AR-1242-5 |       |       | 1.886 |       |       | 1.886 E5 | 0.00  |
| 21)      | L5 | AR-1248-1 |       |       | 1.710 |       |       | 1.710 E5 | 0.00  |
| 22)      | L5 | AR-1248-2 |       |       | 2.349 |       |       | 2.349 E5 | 0.00  |
| 23)      | L5 | AR-1248-3 |       |       | 2.764 |       |       | 2.764 E5 | 0.00  |
| 24)      | L5 | AR-1248-4 |       |       | 3.356 |       |       | 3.356 E5 | 0.00  |
| 25)      | L5 | AR-1248-5 |       |       | 3.210 |       |       | 3.210 E5 | 0.00  |
| 26)      | L6 | AR-1254-1 | 3.252 | 3.096 | 3.282 | 3.311 | 3.070 | 3.202 E5 | 3.47  |
| 27)      | L6 | AR-1254-2 | 5.160 | 4.899 | 5.214 | 5.241 | 5.072 | 5.117 E5 | 2.70  |
| 28)      | L6 | AR-1254-3 | 5.994 | 5.695 | 6.011 | 6.055 | 6.251 | 6.001 E5 | 3.33  |
| 29)      | L6 | AR-1254-4 | 4.412 | 4.194 | 4.424 | 4.437 | 4.171 | 4.328 E5 | 3.07  |
| 30)      | L6 | AR-1254-5 | 4.799 | 4.582 | 4.830 | 4.801 | 4.487 | 4.700 E5 | 3.30  |
| 31)      | L7 | AR-1260-1 | 3.409 | 3.162 | 3.887 | 3.499 | 4.200 | 3.631 E5 | 11.33 |
| 32)      | L7 | AR-1260-2 | 4.182 | 3.905 | 4.742 | 4.274 | 4.767 | 4.374 E5 | 8.53  |
| 33)      | L7 | AR-1260-3 | 3.251 | 3.037 | 3.674 | 3.319 | 3.689 | 3.394 E5 | 8.31  |
| 34)      | L7 | AR-1260-4 | 3.932 | 3.667 | 4.377 | 3.956 | 4.386 | 4.064 E5 | 7.67  |
| 35)      | L7 | AR-1260-5 | 8.405 | 7.898 | 9.281 | 8.294 | 8.880 | 8.551 E5 | 6.28  |
| 36)      | L8 | AR-1262-1 |       |       | 6.944 |       |       | 6.944 E5 | 0.00  |
| 37)      | L8 | AR-1262-2 |       |       | 1.371 |       |       | 1.371 E6 | 0.00  |
| 38)      | L8 | AR-1262-3 |       |       | 9.008 |       |       | 9.008 E5 | 0.00  |
| 39)      | L8 | AR-1262-4 |       |       | 6.714 |       |       | 6.714 E5 | 0.00  |
| 40)      | L8 | AR-1262-5 |       |       | 4.895 |       |       | 4.895 E5 | 0.00  |
| 41)      | L9 | AR-1268-1 |       |       | 1.576 |       |       | 1.576 E6 | 0.00  |
| 42)      | L9 | AR-1268-2 |       |       | 1.467 |       |       | 1.467 E6 | 0.00  |
| 43)      | L9 | AR-1268-3 |       |       | 1.203 |       |       | 1.203 E6 | 0.00  |
| 44)      | L9 | AR-1268-4 |       |       | 5.298 |       |       | 5.298 E5 | 0.00  |
| 45)      | L9 | AR-1268-5 |       |       | 4.289 |       |       | 4.289 E6 | 0.00  |

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 (#) = Out of Range