

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\  
 Method File : PP122820.M  
 Title : GC EXTRACTABLES  
 Last Update : Tue Dec 29 08:36:39 2020  
 Response Via : Initial Calibration

## Calibration Files

500 =PP032438.D 1000 =PP032436.D 750 =PP032437.D  
 250 =PP032439.D 50 =PP032440.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 4.883 | 4.612 | 4.769 | 4.942 | 4.996 | 4.840 | E4   | 3.16  |
| 2) SA    | Decachlorobiphenyl   | 4.894 | 4.766 | 4.728 | 4.953 | 4.860 | 4.840 | E4   | 1.91  |
| 3) L1    | AR-1016-1            | 1.565 | 1.446 | 1.504 | 1.627 | 1.586 | 1.546 | E3   | 4.61  |
| 4) L1    | AR-1016-2            | 2.402 | 2.235 | 2.335 | 2.456 | 2.486 | 2.383 | E3   | 4.22  |
| 5) L1    | AR-1016-3            | 1.430 | 1.328 | 1.403 | 1.471 | 1.491 | 1.425 | E3   | 4.51  |
| 6) L1    | AR-1016-4            | 1.214 | 1.126 | 1.171 | 1.219 | 1.199 | 1.186 | E3   | 3.23  |
| 7) L1    | AR-1016-5            | 1.163 | 1.047 | 1.096 | 1.140 | 1.222 | 1.134 | E3   | 5.85  |
| 8) L2    | AR-1221-1            | 5.126 |       |       |       |       | 5.126 | E2   | 0.00  |
| 9) L2    | AR-1221-2            | 3.866 |       |       |       |       | 3.866 | E2   | 0.00  |
| 10) L2   | AR-1221-3            | 1.241 |       |       |       |       | 1.241 | E3   | 0.00  |
| 11) L3   | AR-1232-1            | 1.071 |       |       |       |       | 1.071 | E3   | 0.00  |
| 12) L3   | AR-1232-2            | 5.292 |       |       |       |       | 5.292 | E2   | 0.00  |
| 13) L3   | AR-1232-3            | 1.103 |       |       |       |       | 1.103 | E3   | 0.00  |
| 14) L3   | AR-1232-4            | 5.381 |       |       |       |       | 5.381 | E2   | 0.00  |
| 15) L3   | AR-1232-5            | 3.154 |       |       |       |       | 3.154 | E2   | 0.00  |
| 16) L4   | AR-1242-1            | 1.285 | 1.170 | 1.216 | 1.292 | 1.303 | 1.253 | E3   | 4.61  |
| 17) L4   | AR-1242-2            | 1.964 | 1.798 | 1.855 | 1.968 | 2.026 | 1.922 | E3   | 4.84  |
| 18) L4   | AR-1242-3            | 1.192 | 1.104 | 1.138 | 1.168 | 1.223 | 1.165 | E3   | 4.00  |
| 19) L4   | AR-1242-4            | 1.001 | 0.925 | 0.951 | 0.985 | 1.030 | 0.979 | E3   | 4.25  |
| 20) L4   | AR-1242-5            | 1.043 | 0.955 | 0.998 | 1.038 | 1.051 | 1.017 | E3   | 3.95  |
| 21) L5   | AR-1248-1            | 1.005 | 0.915 | 0.971 | 1.035 | 1.135 | 1.012 | E3   | 8.09  |
| 22) L5   | AR-1248-2            | 1.285 | 1.168 | 1.242 | 1.342 | 1.516 | 1.310 | E3   | 10.01 |
| 23) L5   | AR-1248-3            | 1.624 | 1.467 | 1.565 | 1.678 | 1.709 | 1.609 | E3   | 6.00  |
| 24) L5   | AR-1248-4            | 1.836 | 1.676 | 1.779 | 1.922 | 2.037 | 1.850 | E3   | 7.45  |
| 25) L5   | AR-1248-5            | 1.826 | 1.670 | 1.754 | 1.897 | 2.013 | 1.832 | E3   | 7.19  |
| 26) L6   | AR-1254-1            | 1.822 | 1.683 | 1.744 | 1.909 | 2.091 | 1.850 | E3   | 8.60  |
| 27) L6   | AR-1254-2            | 2.848 | 2.637 | 2.729 | 2.991 | 3.223 | 2.886 | E3   | 8.00  |
| 28) L6   | AR-1254-3            | 3.145 | 2.933 | 3.009 | 3.252 | 3.332 | 3.134 | E3   | 5.27  |
| 29) L6   | AR-1254-4            | 2.414 | 2.262 | 2.310 | 2.508 | 2.693 | 2.437 | E3   | 7.04  |
| 30) L6   | AR-1254-5            | 2.563 | 2.398 | 2.479 | 2.658 | 2.606 | 2.541 | E3   | 4.07  |
| 31) L7   | AR-1260-1            | 1.943 | 1.840 | 1.906 | 1.992 | 2.142 | 1.965 | E3   | 5.78  |
| 32) L7   | AR-1260-2            | 2.725 | 2.557 | 2.618 | 2.795 | 3.113 | 2.761 | E3   | 7.86  |
| 33) L7   | AR-1260-3            | 2.378 | 2.258 | 2.309 | 2.385 | 2.428 | 2.352 | E3   | 2.87  |
| 34) L7   | AR-1260-4            | 2.368 | 2.264 | 2.320 | 2.356 | 2.181 | 2.298 | E3   | 3.35  |
| 35) L7   | AR-1260-5            | 5.590 | 5.366 | 5.448 | 5.654 | 6.536 | 5.719 | E3   | 8.23  |
| 36) L8   | AR-1262-1            | 3.673 | 3.370 | 3.521 | 3.752 | 4.118 | 3.687 | E3   | 7.65  |
| 37) L8   | AR-1262-2            | 6.356 | 5.881 | 6.063 | 6.441 | 7.210 | 6.390 | E3   | 7.99  |
| 38) L8   | AR-1262-3            | 4.371 | 4.033 | 4.197 | 4.462 | 4.943 | 4.401 | E3   | 7.83  |
| 39) L8   | AR-1262-4            | 3.476 | 3.232 | 3.389 | 3.609 | 4.222 | 3.585 | E3   | 10.63 |
| 40) L8   | AR-1262-5            | 2.303 | 2.123 | 2.197 | 2.316 | 2.255 | 2.239 | E3   | 3.57  |
| 41) L9   | AR-1268-1            | 8.032 | 7.668 | 7.886 | 8.212 | 8.825 | 8.125 | E3   | 5.41  |
| 42) L9   | AR-1268-2            | 7.181 | 6.897 | 7.083 | 7.274 | 7.878 | 7.263 | E3   | 5.11  |
| 43) L9   | AR-1268-3            | 6.392 | 6.056 | 6.255 | 6.533 | 7.009 | 6.449 | E3   | 5.57  |
| 44) L9   | AR-1268-4            | 2.461 | 2.359 | 2.444 | 2.461 | 2.572 | 2.459 | E3   | 3.09  |
| 45) L9   | AR-1268-5            | 1.796 | 1.751 | 1.792 | 1.803 | 1.864 | 1.801 | E4   | 2.25  |

## Signal #2 Calibration Files

500 =PP032438.D 1000 =PP032436.D 750 =PP032437.D  
 250 =PP032439.D 50 =PP032440.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 4.775 | 4.627 | 4.746 | 4.770 | 4.702 | 4.724 | E4   | 1.30 |
| 2) SA    | Decachlorobiphenyl   | 4.380 | 4.252 | 4.317 | 4.387 | 4.478 | 4.363 | E4   | 1.94 |
| 3) L1    | AR-1016-1            | 1.560 | 1.475 | 1.502 | 1.600 | 1.630 | 1.553 | E3   | 4.18 |
| 4) L1    | AR-1016-2            | 2.255 | 2.126 | 2.220 | 2.318 | 2.287 | 2.241 | E3   | 3.30 |
| 5) L1    | AR-1016-3            | 1.238 | 1.167 | 1.208 | 1.282 | 1.263 | 1.232 | E3   | 3.69 |

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## Calibration Files

500 =PP032438.D 1000 =PP032436.D 750 =PP032437.D  
 250 =PP032439.D 50 =PP032440.D

| Compound |    |           | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|----------|----|-----------|-------|-------|-------|-------|-------|-------|----|------|
| -----    |    |           |       |       |       |       |       |       |    |      |
| 6)       | L1 | AR-1016-4 | 9.174 | 8.454 | 8.808 | 9.496 | 9.301 | 9.047 | E2 | 4.60 |
| 7)       | L1 | AR-1016-5 | 1.225 | 1.142 | 1.190 | 1.269 | 1.297 | 1.225 | E3 | 5.03 |
| 8)       | L2 | AR-1221-1 | 5.093 |       |       |       |       | 5.093 | E2 | 0.00 |
| 9)       | L2 | AR-1221-2 | 3.856 |       |       |       |       | 3.856 | E2 | 0.00 |
| 10)      | L2 | AR-1221-3 | 1.202 |       |       |       |       | 1.202 | E3 | 0.00 |
| 11)      | L3 | AR-1232-1 | 1.042 |       |       |       |       | 1.042 | E3 | 0.00 |
| 12)      | L3 | AR-1232-2 | 1.022 |       |       |       |       | 1.022 | E3 | 0.00 |
| 13)      | L3 | AR-1232-3 | 5.518 |       |       |       |       | 5.518 | E2 | 0.00 |
| 14)      | L3 | AR-1232-4 | 4.491 |       |       |       |       | 4.491 | E2 | 0.00 |
| 15)      | L3 | AR-1232-5 | 5.005 |       |       |       |       | 5.005 | E2 | 0.00 |
| 16)      | L4 | AR-1242-1 | 1.223 | 1.127 | 1.156 | 1.244 | 1.238 | 1.197 | E3 | 4.41 |
| 17)      | L4 | AR-1242-2 | 1.764 | 1.633 | 1.684 | 1.800 | 1.857 | 1.748 | E3 | 5.12 |
| 18)      | L4 | AR-1242-3 | 9.765 | 9.040 | 9.300 | 9.814 | 9.701 | 9.524 | E2 | 3.55 |
| 19)      | L4 | AR-1242-4 | 8.892 | 8.179 | 8.402 | 9.066 | 9.139 | 8.736 | E2 | 4.85 |
| 20)      | L4 | AR-1242-5 | 1.144 | 1.045 | 1.080 | 1.122 | 1.098 | 1.098 | E3 | 3.47 |
| 21)      | L5 | AR-1248-1 | 9.407 | 8.573 | 9.048 | 9.773 | 9.871 | 9.334 | E2 | 5.74 |
| 22)      | L5 | AR-1248-2 | 1.248 | 1.139 | 1.209 | 1.319 | 1.342 | 1.252 | E3 | 6.59 |
| 23)      | L5 | AR-1248-3 | 1.336 | 1.218 | 1.292 | 1.409 | 1.440 | 1.339 | E3 | 6.68 |
| 24)      | L5 | AR-1248-4 | 1.625 | 1.488 | 1.578 | 1.703 | 1.722 | 1.623 | E3 | 5.88 |
| 25)      | L5 | AR-1248-5 | 1.629 | 1.508 | 1.586 | 1.705 | 1.774 | 1.640 | E3 | 6.31 |
| 26)      | L6 | AR-1254-1 | 2.421 | 2.259 | 2.329 | 2.536 | 2.727 | 2.454 | E3 | 7.52 |
| 27)      | L6 | AR-1254-2 | 2.092 | 1.941 | 2.004 | 2.202 | 2.403 | 2.128 | E3 | 8.56 |
| 28)      | L6 | AR-1254-3 | 3.523 | 3.330 | 3.408 | 3.652 | 3.984 | 3.579 | E3 | 7.17 |
| 29)      | L6 | AR-1254-4 | 2.110 | 1.983 | 2.023 | 2.205 | 2.334 | 2.131 | E3 | 6.67 |
| 30)      | L6 | AR-1254-5 | 3.178 | 2.953 | 3.046 | 3.292 | 3.524 | 3.199 | E3 | 6.97 |
| 31)      | L7 | AR-1260-1 | 2.127 | 1.986 | 2.068 | 2.215 | 2.492 | 2.178 | E3 | 8.94 |
| 32)      | L7 | AR-1260-2 | 2.534 | 2.398 | 2.469 | 2.613 | 2.925 | 2.588 | E3 | 7.90 |
| 33)      | L7 | AR-1260-3 | 2.466 | 2.353 | 2.407 | 2.572 | 2.981 | 2.556 | E3 | 9.83 |
| 34)      | L7 | AR-1260-4 | 2.091 | 1.985 | 2.051 | 2.052 | 2.206 | 2.077 | E3 | 3.93 |
| 35)      | L7 | AR-1260-5 | 5.060 | 4.937 | 5.024 | 4.988 | 5.412 | 5.084 | E3 | 3.71 |
| 36)      | L8 | AR-1262-1 | 3.199 | 2.962 | 3.065 | 3.278 | 3.576 | 3.216 | E3 | 7.30 |
| 37)      | L8 | AR-1262-2 | 5.762 | 5.451 | 5.571 | 5.773 | 6.309 | 5.773 | E3 | 5.69 |
| 38)      | L8 | AR-1262-3 | 2.379 | 2.217 | 2.286 | 2.444 | 2.712 | 2.407 | E3 | 7.94 |
| 39)      | L8 | AR-1262-4 | 4.476 | 4.301 | 4.344 | 4.494 | 4.780 | 4.479 | E3 | 4.19 |
| 40)      | L8 | AR-1262-5 | 2.031 | 1.899 | 1.961 | 2.046 | 2.094 | 2.006 | E3 | 3.81 |
| 41)      | L9 | AR-1268-1 | 6.833 | 6.582 | 6.739 | 6.839 | 7.722 | 6.943 | E3 | 6.45 |
| 42)      | L9 | AR-1268-2 | 6.571 | 6.384 | 6.502 | 6.502 | 7.036 | 6.599 | E3 | 3.84 |
| 43)      | L9 | AR-1268-3 | 5.825 | 5.633 | 5.750 | 5.862 | 6.176 | 5.849 | E3 | 3.46 |
| 44)      | L9 | AR-1268-4 | 2.240 | 2.184 | 2.236 | 2.180 | 2.403 | 2.248 | E3 | 4.04 |
| 45)      | L9 | AR-1268-5 | 1.830 | 1.807 | 1.839 | 1.762 | 1.754 | 1.799 | E4 | 2.16 |
| -----    |    |           |       |       |       |       |       |       |    |      |

(#) = Out of Range