

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\  
 Method File : P0070821.M  
 Title : GC EXTRACTABLES  
 Last Update : Sat Jul 10 00:52:22 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =P0079395.D 1000 =P0079393.D 750 =P0079394.D  
 250 =P0079396.D 50 =P0079397.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 6.720 | 6.565 | 6.697 | 6.721 | 6.727 | 6.686 | E4   | 1.03 |
| 2) SA    | Decachlorobiphenyl   | 5.044 | 4.678 | 4.853 | 5.228 | 5.627 | 5.086 | E4   | 7.19 |
| 3) L1    | AR-1016-1            | 2.375 | 2.245 | 2.310 | 2.472 | 2.435 | 2.368 | E3   | 3.89 |
| 4) L1    | AR-1016-2            | 3.332 | 3.139 | 3.270 | 3.394 | 3.403 | 3.307 | E3   | 3.28 |
| 5) L1    | AR-1016-3            | 2.030 | 1.905 | 1.978 | 2.089 | 2.145 | 2.029 | E3   | 4.61 |
| 6) L1    | AR-1016-4            | 1.649 | 1.571 | 1.620 | 1.681 | 1.671 | 1.638 | E3   | 2.70 |
| 7) L1    | AR-1016-5            | 1.628 | 1.534 | 1.599 | 1.663 | 1.624 | 1.610 | E3   | 3.00 |
| 8) L2    | AR-1221-1            | 7.086 |       |       |       |       | 7.086 | E2   | 0.00 |
| 9) L2    | AR-1221-2            | 5.184 |       |       |       |       | 5.184 | E2   | 0.00 |
| 10) L2   | AR-1221-3            | 1.675 |       |       |       |       | 1.675 | E3   | 0.00 |
| 11) L3   | AR-1232-1            | 1.467 |       |       |       |       | 1.467 | E3   | 0.00 |
| 12) L3   | AR-1232-2            | 7.206 |       |       |       |       | 7.206 | E2   | 0.00 |
| 13) L3   | AR-1232-3            | 1.406 |       |       |       |       | 1.406 | E3   | 0.00 |
| 14) L3   | AR-1232-4            | 6.775 |       |       |       |       | 6.775 | E2   | 0.00 |
| 15) L3   | AR-1232-5            | 4.742 |       |       |       |       | 4.742 | E2   | 0.00 |
| 16) L4   | AR-1242-1            | 1.838 | 1.671 | 1.790 | 1.866 | 1.867 | 1.807 | E3   | 4.52 |
| 17) L4   | AR-1242-2            | 2.569 | 2.334 | 2.499 | 2.619 | 2.505 | 2.505 | E3   | 4.30 |
| 18) L4   | AR-1242-3            | 1.587 | 1.428 | 1.538 | 1.593 | 1.560 | 1.541 | E3   | 4.36 |
| 19) L4   | AR-1242-4            | 1.280 | 1.168 | 1.251 | 1.278 | 1.186 | 1.233 | E3   | 4.25 |
| 20) L4   | AR-1242-5            | 1.324 | 1.206 | 1.287 | 1.351 | 1.410 | 1.316 | E3   | 5.76 |
| 21) L5   | AR-1248-1            | 1.402 | 1.348 | 1.372 | 1.449 | 1.370 | 1.388 | E3   | 2.82 |
| 22) L5   | AR-1248-2            | 1.883 | 1.750 | 1.805 | 1.943 | 1.915 | 1.859 | E3   | 4.30 |
| 23) L5   | AR-1248-3            | 2.215 | 2.089 | 2.149 | 2.258 | 1.869 | 2.116 | E3   | 7.20 |
| 24) L5   | AR-1248-4            | 2.453 | 2.285 | 2.355 | 2.492 | 2.572 | 2.431 | E3   | 4.65 |
| 25) L5   | AR-1248-5            | 2.384 | 2.221 | 2.280 | 2.406 | 2.576 | 2.373 | E3   | 5.73 |
| 26) L6   | AR-1254-1            | 2.313 | 2.161 | 2.236 | 2.403 | 2.437 | 2.310 | E3   | 4.97 |
| 27) L6   | AR-1254-2            | 3.591 | 3.350 | 3.453 | 3.698 | 3.888 | 3.596 | E3   | 5.85 |
| 28) L6   | AR-1254-3            | 3.776 | 3.551 | 3.642 | 3.889 | 3.947 | 3.761 | E3   | 4.40 |
| 29) L6   | AR-1254-4            | 2.731 | 2.575 | 2.646 | 2.792 | 2.820 | 2.713 | E3   | 3.76 |
| 30) L6   | AR-1254-5            | 2.898 | 2.725 | 2.797 | 2.942 | 2.492 | 2.771 | E3   | 6.40 |
| 31) L7   | AR-1260-1            | 2.613 | 2.430 | 2.537 | 2.711 | 2.791 | 2.616 | E3   | 5.44 |
| 32) L7   | AR-1260-2            | 3.104 | 2.889 | 2.994 | 3.225 | 3.537 | 3.149 | E3   | 7.93 |
| 33) L7   | AR-1260-3            | 2.321 | 2.178 | 2.247 | 2.373 | 2.376 | 2.299 | E3   | 3.71 |
| 34) L7   | AR-1260-4            | 2.668 | 2.517 | 2.603 | 2.736 | 2.791 | 2.663 | E3   | 4.05 |
| 35) L7   | AR-1260-5            | 5.281 | 5.018 | 5.167 | 5.400 | 5.520 | 5.277 | E3   | 3.71 |
| 36) L8   | AR-1262-1            | 3.462 | 3.235 | 3.351 | 3.605 | 3.941 | 3.519 | E3   | 7.76 |
| 37) L8   | AR-1262-2            | 6.154 | 5.844 | 5.992 | 6.259 | 6.670 | 6.184 | E3   | 5.08 |
| 38) L8   | AR-1262-3            | 4.278 | 3.979 | 4.128 | 4.423 | 4.983 | 4.358 | E3   | 8.87 |
| 39) L8   | AR-1262-4            | 3.196 | 2.978 | 3.094 | 3.329 | 3.625 | 3.245 | E3   | 7.67 |
| 40) L8   | AR-1262-5            | 2.301 | 2.168 | 2.229 | 2.352 | 2.502 | 2.310 | E3   | 5.53 |
| 41) L9   | AR-1268-1            | 7.251 | 6.845 | 7.055 | 7.366 | 7.737 | 7.251 | E3   | 4.64 |
| 42) L9   | AR-1268-2            | 6.766 | 6.332 | 6.511 | 6.867 | 7.205 | 6.736 | E3   | 4.99 |
| 43) L9   | AR-1268-3            | 5.681 | 5.354 | 5.523 | 5.756 | 6.102 | 5.683 | E3   | 4.94 |
| 44) L9   | AR-1268-4            | 2.536 | 2.406 | 2.472 | 2.585 | 2.645 | 2.529 | E3   | 3.71 |
| 45) L9   | AR-1268-5            | 1.896 | 1.829 | 1.864 | 1.910 | 1.980 | 1.896 | E4   | 2.98 |

## Signal #2 Calibration Files

500 =P0079395.D 1000 =P0079393.D 750 =P0079394.D  
 250 =P0079396.D 50 =P0079397.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 2.879 | 2.744 | 2.817 | 2.912 | 2.986 | 2.868 | E4   | 3.22 |
| 2) SA    | Decachlorobiphenyl   | 2.600 | 2.367 | 2.477 | 2.777 | 3.012 | 2.647 | E4   | 9.62 |
| 3) L1    | AR-1016-1            | 1.182 | 1.071 | 1.121 | 1.245 | 1.356 | 1.195 | E3   | 9.29 |
| 4) L1    | AR-1016-2            | 1.551 | 1.452 | 1.513 | 1.651 | 1.754 | 1.584 | E3   | 7.53 |
| 5) L1    | AR-1016-3            | 8.555 | 7.898 | 8.277 | 8.873 | 9.099 | 8.540 | E2   | 5.57 |

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500 =P0079395.D 1000 =P0079393.D 750 =P0079394.D  
 250 =P0079396.D 50 =P0079397.D

| Compound |    |           | 500   | 1000  | 750   | 250   | 50    | Avg      | %RSD  |
|----------|----|-----------|-------|-------|-------|-------|-------|----------|-------|
| -----    |    |           |       |       |       |       |       |          |       |
| 6)       | L1 | AR-1016-4 | 7.200 | 6.537 | 6.893 | 7.629 | 7.696 | 7.191 E2 | 6.83  |
| 7)       | L1 | AR-1016-5 | 8.974 | 8.224 | 8.655 | 9.361 | 9.203 | 8.883 E2 | 5.11  |
| 8)       | L2 | AR-1221-1 | 3.406 |       |       |       |       | 3.406 E2 | 0.00  |
| 9)       | L2 | AR-1221-2 | 2.544 |       |       |       |       | 2.544 E2 | 0.00  |
| 10)      | L2 | AR-1221-3 | 8.025 |       |       |       |       | 8.025 E2 | 0.00  |
| 11)      | L3 | AR-1232-1 | 7.106 |       |       |       |       | 7.106 E2 | 0.00  |
| 12)      | L3 | AR-1232-2 | 6.748 |       |       |       |       | 6.748 E2 | 0.00  |
| 13)      | L3 | AR-1232-3 | 3.542 |       |       |       |       | 3.542 E2 | 0.00  |
| 14)      | L3 | AR-1232-4 | 3.273 |       |       |       |       | 3.273 E2 | 0.00  |
| 15)      | L3 | AR-1232-5 | 3.423 |       |       |       |       | 3.423 E2 | 0.00  |
| 16)      | L4 | AR-1242-1 | 8.926 | 8.040 | 8.497 | 9.265 | 9.897 | 8.925 E2 | 7.97  |
| 17)      | L4 | AR-1242-2 | 1.175 | 1.086 | 1.139 | 1.220 | 1.288 | 1.182 E3 | 6.52  |
| 18)      | L4 | AR-1242-3 | 6.457 | 5.961 | 6.255 | 6.550 | 6.621 | 6.369 E2 | 4.18  |
| 19)      | L4 | AR-1242-4 | 6.564 | 5.944 | 6.306 | 6.801 | 6.304 | 6.384 E2 | 5.03  |
| 20)      | L4 | AR-1242-5 | 7.675 | 7.299 | 7.715 | 8.002 | 8.314 | 7.801 E2 | 4.88  |
| 21)      | L5 | AR-1248-1 | 6.772 | 6.238 | 6.504 | 7.054 | 7.244 | 6.762 E2 | 6.00  |
| 22)      | L5 | AR-1248-2 | 0.956 | 0.869 | 0.903 | 1.019 | 1.019 | 0.953 E3 | 7.09  |
| 23)      | L5 | AR-1248-3 | 0.999 | 0.911 | 0.948 | 1.061 | 0.964 | 0.977 E3 | 5.80  |
| 24)      | L5 | AR-1248-4 | 1.145 | 1.067 | 1.097 | 1.225 | 1.248 | 1.156 E3 | 6.79  |
| 25)      | L5 | AR-1248-5 | 1.124 | 1.051 | 1.085 | 1.089 | 1.193 | 1.108 E3 | 4.85  |
| 26)      | L6 | AR-1254-1 | 1.648 | 1.519 | 1.574 | 1.746 | 1.915 | 1.680 E3 | 9.32  |
| 27)      | L6 | AR-1254-2 | 1.436 | 1.318 | 1.371 | 1.537 | 1.737 | 1.480 E3 | 11.18 |
| 28)      | L6 | AR-1254-3 | 2.307 | 2.134 | 2.209 | 2.439 | 2.595 | 2.337 E3 | 7.87  |
| 29)      | L6 | AR-1254-4 | 1.445 | 1.329 | 1.382 | 1.525 | 1.648 | 1.466 E3 | 8.56  |
| 30)      | L6 | AR-1254-5 | 1.944 | 1.870 | 1.938 | 2.043 | 2.172 | 1.994 E3 | 5.89  |
| 31)      | L7 | AR-1260-1 | 1.533 | 1.393 | 1.459 | 1.644 | 1.748 | 1.555 E3 | 9.15  |
| 32)      | L7 | AR-1260-2 | 1.829 | 1.669 | 1.750 | 1.989 | 2.199 | 1.887 E3 | 11.15 |
| 33)      | L7 | AR-1260-3 | 1.718 | 1.570 | 1.644 | 1.856 | 2.159 | 1.789 E3 | 12.97 |
| 34)      | L7 | AR-1260-4 | 1.435 | 1.311 | 1.375 | 1.535 | 1.533 | 1.438 E3 | 6.83  |
| 35)      | L7 | AR-1260-5 | 3.334 | 3.117 | 3.235 | 3.507 | 3.655 | 3.369 E3 | 6.36  |
| 36)      | L8 | AR-1262-1 | 1.120 | 1.023 | 1.067 | 1.170 | 1.240 | 1.124 E3 | 7.58  |
| 37)      | L8 | AR-1262-2 | 3.572 | 3.378 | 3.476 | 3.731 | 4.009 | 3.633 E3 | 6.79  |
| 38)      | L8 | AR-1262-3 | 1.446 | 1.326 | 1.386 | 1.511 | 1.528 | 1.440 E3 | 5.90  |
| 39)      | L8 | AR-1262-4 | 2.647 | 2.454 | 2.546 | 2.788 | 2.983 | 2.683 E3 | 7.76  |
| 40)      | L8 | AR-1262-5 | 1.297 | 1.195 | 1.238 | 1.394 | 1.370 | 1.299 E3 | 6.51  |
| 41)      | L9 | AR-1268-1 | 4.079 | 3.832 | 3.943 | 4.266 | 4.644 | 4.153 E3 | 7.67  |
| 42)      | L9 | AR-1268-2 | 3.653 | 3.425 | 3.534 | 3.810 | 4.198 | 3.724 E3 | 8.08  |
| 43)      | L9 | AR-1268-3 | 3.120 | 2.915 | 3.004 | 3.265 | 3.643 | 3.189 E3 | 8.94  |
| 44)      | L9 | AR-1268-4 | 1.441 | 1.310 | 1.379 | 1.495 | 1.599 | 1.445 E3 | 7.63  |
| 45)      | L9 | AR-1268-5 | 0.958 | 0.915 | 0.936 | 0.981 | 1.074 | 0.973 E4 | 6.35  |

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 (#) = Out of Range