

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\  
 Method File : P0092320.M  
 Title : GC EXTRACTABLES  
 Last Update : Wed Sep 23 08:07:44 2020  
 Response Via : Initial Calibration

## Calibration Files

500 =P0071545.D 1000 =P0071543.D 750 =P0071544.D  
 250 =P0071546.D 50 =P0071547.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 8.683 | 8.416 | 8.469 | 8.690 | 8.649 | 8.581 | E4   | 1.51 |
| 2) SA    | Decachlorobiphenyl   | 1.141 | 1.081 | 1.108 | 1.168 | 1.246 | 1.149 | E5   | 5.51 |
| 3) L1    | AR-1016-1            | 3.658 | 3.475 | 3.535 | 3.778 | 3.763 | 3.642 | E3   | 3.70 |
| 4) L1    | AR-1016-2            | 5.303 | 5.001 | 5.077 | 5.363 | 5.656 | 5.280 | E3   | 4.90 |
| 5) L1    | AR-1016-3            | 3.161 | 2.978 | 3.036 | 3.241 | 3.362 | 3.155 | E3   | 4.91 |
| 6) L1    | AR-1016-4            | 2.670 | 2.537 | 2.574 | 2.699 | 2.913 | 2.679 | E3   | 5.49 |
| 7) L1    | AR-1016-5            | 2.646 | 2.491 | 2.541 | 2.641 | 2.620 | 2.588 | E3   | 2.65 |
| 8) L2    | AR-1221-1            | 8.900 |       |       |       |       | 8.900 | E2   | 0.00 |
| 9) L2    | AR-1221-2            | 6.648 |       |       |       |       | 6.648 | E2   | 0.00 |
| 10) L2   | AR-1221-3            | 2.121 |       |       |       |       | 2.121 | E3   | 0.00 |
| 11) L3   | AR-1232-1            | 1.799 |       |       |       |       | 1.799 | E3   | 0.00 |
| 12) L3   | AR-1232-2            | 9.674 |       |       |       |       | 9.674 | E2   | 0.00 |
| 13) L3   | AR-1232-3            | 2.110 |       |       |       |       | 2.110 | E3   | 0.00 |
| 14) L3   | AR-1232-4            | 1.041 |       |       |       |       | 1.041 | E3   | 0.00 |
| 15) L3   | AR-1232-5            | 6.820 |       |       |       |       | 6.820 | E2   | 0.00 |
| 16) L4   | AR-1242-1            | 2.565 | 2.480 | 2.490 | 2.464 | 2.851 | 2.570 | E3   | 6.30 |
| 17) L4   | AR-1242-2            | 3.646 | 3.558 | 3.574 | 3.657 | 4.191 | 3.725 | E3   | 7.08 |
| 18) L4   | AR-1242-3            | 2.216 | 2.139 | 2.161 | 2.179 | 2.544 | 2.248 | E3   | 7.47 |
| 19) L4   | AR-1242-4            | 1.866 | 1.815 | 1.829 | 1.914 | 1.991 | 1.883 | E3   | 3.80 |
| 20) L4   | AR-1242-5            | 2.270 | 2.193 | 2.214 | 2.207 | 2.578 | 2.292 | E3   | 7.09 |
| 21) L5   | AR-1248-1            | 1.798 |       |       |       |       | 1.798 | E3   | 0.00 |
| 22) L5   | AR-1248-2            | 2.398 |       |       |       |       | 2.398 | E3   | 0.00 |
| 23) L5   | AR-1248-3            | 2.920 |       |       |       |       | 2.920 | E3   | 0.00 |
| 24) L5   | AR-1248-4            | 3.869 |       |       |       |       | 3.869 | E3   | 0.00 |
| 25) L5   | AR-1248-5            | 3.605 |       |       |       |       | 3.605 | E3   | 0.00 |
| 26) L6   | AR-1254-1            | 3.662 |       |       |       |       | 3.662 | E3   | 0.00 |
| 27) L6   | AR-1254-2            | 6.029 |       |       |       |       | 6.029 | E3   | 0.00 |
| 28) L6   | AR-1254-3            | 6.331 |       |       |       |       | 6.331 | E3   | 0.00 |
| 29) L6   | AR-1254-4            | 6.161 |       |       |       |       | 6.161 | E3   | 0.00 |
| 30) L6   | AR-1254-5            | 5.943 |       |       |       |       | 5.943 | E3   | 0.00 |
| 31) L7   | AR-1260-1            | 5.657 | 5.381 | 5.424 | 5.816 | 6.133 | 5.682 | E3   | 5.42 |
| 32) L7   | AR-1260-2            | 8.724 | 8.330 | 8.437 | 8.860 | 9.055 | 8.681 | E3   | 3.44 |
| 33) L7   | AR-1260-3            | 7.190 | 6.790 | 6.941 | 7.343 | 7.739 | 7.200 | E3   | 5.13 |
| 34) L7   | AR-1260-4            | 6.602 | 6.297 | 6.388 | 6.735 | 7.105 | 6.625 | E3   | 4.81 |
| 35) L7   | AR-1260-5            | 1.520 | 1.472 | 1.488 | 1.517 | 1.543 | 1.508 | E4   | 1.84 |
| 36) L8   | AR-1262-1            | 9.446 |       |       |       |       | 9.446 | E3   | 0.00 |
| 37) L8   | AR-1262-2            | 1.574 |       |       |       |       | 1.574 | E4   | 0.00 |
| 38) L8   | AR-1262-3            | 6.798 |       |       |       |       | 6.798 | E3   | 0.00 |
| 39) L8   | AR-1262-4            | 3.796 |       |       |       |       | 3.796 | E3   | 0.00 |
| 40) L8   | AR-1262-5            | 5.071 |       |       |       |       | 5.071 | E3   | 0.00 |
| 41) L9   | AR-1268-1            | 1.845 |       |       |       |       | 1.845 | E4   | 0.00 |
| 42) L9   | AR-1268-2            | 1.533 |       |       |       |       | 1.533 | E4   | 0.00 |
| 43) L9   | AR-1268-3            | 1.317 |       |       |       |       | 1.317 | E4   | 0.00 |
| 44) L9   | AR-1268-4            | 5.647 |       |       |       |       | 5.647 | E3   | 0.00 |
| 45) L9   | AR-1268-5            | 3.875 |       |       |       |       | 3.875 | E4   | 0.00 |

## Signal #2 Calibration Files

500 =P0071545.D 1000 =P0071543.D 750 =P0071544.D  
 250 =P0071546.D 50 =P0071547.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 4.122 | 3.992 | 4.012 | 4.136 | 4.331 | 4.119 | E4   | 3.27  |
| 2) SA    | Decachlorobiphenyl   | 5.945 | 5.598 | 5.715 | 6.175 | 6.960 | 6.079 | E4   | 8.89  |
| 3) L1    | AR-1016-1            | 1.727 | 1.574 | 1.628 | 1.846 | 2.047 | 1.764 | E3   | 10.72 |
| 4) L1    | AR-1016-2            | 2.452 | 2.281 | 2.336 | 2.529 | 2.812 | 2.482 | E3   | 8.38  |
| 5) L1    | AR-1016-3            | 1.333 | 1.218 | 1.259 | 1.393 | 1.532 | 1.347 | E3   | 9.15  |

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## Calibration Files

500 =P0071545.D 1000 =P0071543.D 750 =P0071544.D  
 250 =P0071546.D 50 =P0071547.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 1.156 | 1.034 | 1.080 | 1.218 | 1.356 | 1.169 | E3 | 10.79 |
| 7)  | L1 AR-1016-5 | 1.402 | 1.272 | 1.319 | 1.475 | 1.600 | 1.414 | E3 | 9.20  |
| 8)  | L2 AR-1221-1 | 4.734 |       |       |       |       | 4.734 | E2 | 0.00  |
| 9)  | L2 AR-1221-2 | 3.508 |       |       |       |       | 3.508 | E2 | 0.00  |
| 10) | L2 AR-1221-3 | 1.092 |       |       |       |       | 1.092 | E3 | 0.00  |
| 11) | L3 AR-1232-1 | 9.338 |       |       |       |       | 9.338 | E2 | 0.00  |
| 12) | L3 AR-1232-2 | 1.020 |       |       |       |       | 1.020 | E3 | 0.00  |
| 13) | L3 AR-1232-3 | 5.442 |       |       |       |       | 5.442 | E2 | 0.00  |
| 14) | L3 AR-1232-4 | 4.496 |       |       |       |       | 4.496 | E2 | 0.00  |
| 15) | L3 AR-1232-5 | 5.324 |       |       |       |       | 5.324 | E2 | 0.00  |
| 16) | L4 AR-1242-1 | 1.205 | 1.158 | 1.159 | 1.248 | 1.507 | 1.255 | E3 | 11.60 |
| 17) | L4 AR-1242-2 | 1.694 | 1.631 | 1.626 | 1.745 | 2.057 | 1.751 | E3 | 10.18 |
| 18) | L4 AR-1242-3 | 0.933 | 0.890 | 0.892 | 0.951 | 1.138 | 0.961 | E3 | 10.69 |
| 19) | L4 AR-1242-4 | 0.860 | 0.808 | 0.811 | 0.851 | 1.038 | 0.873 | E3 | 10.85 |
| 20) | L4 AR-1242-5 | 1.243 | 1.187 | 1.184 | 1.212 | 1.434 | 1.252 | E3 | 8.34  |
| 21) | L5 AR-1248-1 | 9.088 |       |       |       |       | 9.088 | E2 | 0.00  |
| 22) | L5 AR-1248-2 | 1.281 |       |       |       |       | 1.281 | E3 | 0.00  |
| 23) | L5 AR-1248-3 | 1.209 |       |       |       |       | 1.209 | E3 | 0.00  |
| 24) | L5 AR-1248-4 | 1.517 |       |       |       |       | 1.517 | E3 | 0.00  |
| 25) | L5 AR-1248-5 | 1.630 |       |       |       |       | 1.630 | E3 | 0.00  |
| 26) | L6 AR-1254-1 | 2.368 |       |       |       |       | 2.368 | E3 | 0.00  |
| 27) | L6 AR-1254-2 | 2.095 |       |       |       |       | 2.095 | E3 | 0.00  |
| 28) | L6 AR-1254-3 | 3.384 |       |       |       |       | 3.384 | E3 | 0.00  |
| 29) | L6 AR-1254-4 | 2.381 |       |       |       |       | 2.381 | E3 | 0.00  |
| 30) | L6 AR-1254-5 | 3.235 |       |       |       |       | 3.235 | E3 | 0.00  |
| 31) | L7 AR-1260-1 | 2.705 | 2.468 | 2.548 | 2.825 | 3.291 | 2.767 | E3 | 11.69 |
| 32) | L7 AR-1260-2 | 3.439 | 3.190 | 3.269 | 3.588 | 4.188 | 3.535 | E3 | 11.22 |
| 33) | L7 AR-1260-3 | 3.161 | 2.936 | 3.005 | 3.274 | 3.696 | 3.215 | E3 | 9.33  |
| 34) | L7 AR-1260-4 | 2.823 | 2.619 | 2.679 | 2.932 | 3.374 | 2.885 | E3 | 10.37 |
| 35) | L7 AR-1260-5 | 7.335 | 6.979 | 7.065 | 7.308 | 8.297 | 7.397 | E3 | 7.11  |
| 36) | L8 AR-1262-1 | 1.859 |       |       |       |       | 1.859 | E3 | 0.00  |
| 37) | L8 AR-1262-2 | 6.907 |       |       |       |       | 6.907 | E3 | 0.00  |
| 38) | L8 AR-1262-3 | 2.983 |       |       |       |       | 2.983 | E3 | 0.00  |
| 39) | L8 AR-1262-4 | 5.294 |       |       |       |       | 5.294 | E3 | 0.00  |
| 40) | L8 AR-1262-5 | 2.725 |       |       |       |       | 2.725 | E3 | 0.00  |
| 41) | L9 AR-1268-1 | 8.446 |       |       |       |       | 8.446 | E3 | 0.00  |
| 42) | L9 AR-1268-2 | 7.590 |       |       |       |       | 7.590 | E3 | 0.00  |
| 43) | L9 AR-1268-3 | 6.494 |       |       |       |       | 6.494 | E3 | 0.00  |
| 44) | L9 AR-1268-4 | 2.999 |       |       |       |       | 2.999 | E3 | 0.00  |
| 45) | L9 AR-1268-5 | 2.059 |       |       |       |       | 2.059 | E4 | 0.00  |

(#) = Out of Range