

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\  
 Method File : P0060923.M  
 Title : GC EXTRACTABLES  
 Last Update : Sat Jun 10 06:51:01 2023  
 Response Via : Initial Calibration

## Calibration Files

500 =P0095561.D 1000 =P0095559.D 750 =P0095560.D  
 250 =P0095562.D 50 =P0095563.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 4.443 | 4.280 | 4.277 | 4.456 | 3.974 | 4.286 | E6   | 4.53  |
| 2) SA    | Decachlorobiphenyl   | 2.581 | 2.394 | 2.486 | 2.691 | 2.310 | 2.492 | E6   | 6.04  |
| 3) L1    | AR-1016-1            | 1.288 | 1.173 | 1.196 | 1.338 | 1.246 | 1.248 | E5   | 5.40  |
| 4) L1    | AR-1016-2            | 1.869 | 1.712 | 1.730 | 1.932 | 1.892 | 1.827 | E5   | 5.44  |
| 5) L1    | AR-1016-3            | 1.221 | 1.108 | 1.131 | 1.273 | 1.153 | 1.177 | E5   | 5.79  |
| 6) L1    | AR-1016-4            | 9.685 | 8.918 | 9.096 | 9.927 | 8.829 | 9.291 | E4   | 5.25  |
| 7) L1    | AR-1016-5            | 9.497 | 8.810 | 8.877 | 9.769 | 9.466 | 9.284 | E4   | 4.52  |
| 8) L2    | AR-1221-1            | 5.176 |       |       |       |       | 5.176 | E4   | 0.00  |
| 9) L2    | AR-1221-2            | 3.833 |       |       |       |       | 3.833 | E4   | 0.00  |
| 10) L2   | AR-1221-3            | 1.140 |       |       |       |       | 1.140 | E5   | 0.00  |
| 11) L3   | AR-1232-1            | 8.154 |       |       |       |       | 8.154 | E4   | 0.00  |
| 12) L3   | AR-1232-2            | 4.743 |       |       |       |       | 4.743 | E4   | 0.00  |
| 13) L3   | AR-1232-3            | 7.853 |       |       |       |       | 7.853 | E4   | 0.00  |
| 14) L3   | AR-1232-4            | 4.028 |       |       |       |       | 4.028 | E4   | 0.00  |
| 15) L3   | AR-1232-5            | 3.265 |       |       |       |       | 3.265 | E4   | 0.00  |
| 16) L4   | AR-1242-1            | 8.312 | 7.805 | 8.302 | 9.917 | 7.543 | 8.376 | E4   | 11.01 |
| 17) L4   | AR-1242-2            | 1.197 | 1.129 | 1.210 | 1.462 | 1.174 | 1.234 | E5   | 10.59 |
| 18) L4   | AR-1242-3            | 7.977 | 7.415 | 7.871 | 9.181 | 7.158 | 7.920 | E4   | 9.85  |
| 19) L4   | AR-1242-4            | 6.242 | 5.889 | 6.201 | 7.260 | 6.066 | 6.332 | E4   | 8.48  |
| 20) L4   | AR-1242-5            | 6.036 | 5.536 | 5.934 | 7.147 | 6.108 | 6.152 | E4   | 9.73  |
| 21) L5   | AR-1248-1            | 6.986 | 6.146 | 6.255 | 7.256 | 7.053 | 6.739 | E4   | 7.47  |
| 22) L5   | AR-1248-2            | 1.106 | 0.991 | 0.996 | 1.160 | 1.160 | 1.082 | E5   | 7.79  |
| 23) L5   | AR-1248-3            | 1.147 | 1.035 | 1.042 | 1.198 | 1.106 | 1.105 | E5   | 6.27  |
| 24) L5   | AR-1248-4            | 1.124 | 1.023 | 1.040 | 1.174 | 1.132 | 1.099 | E5   | 5.85  |
| 25) L5   | AR-1248-5            | 1.137 | 1.041 | 1.055 | 1.193 | 1.195 | 1.124 | E5   | 6.56  |
| 26) L6   | AR-1254-1            | 1.236 | 1.122 | 1.200 | 1.318 | 1.308 | 1.237 | E5   | 6.51  |
| 27) L6   | AR-1254-2            | 1.799 | 1.641 | 1.749 | 1.903 | 1.848 | 1.788 | E5   | 5.59  |
| 28) L6   | AR-1254-3            | 1.764 | 1.626 | 1.715 | 1.830 | 1.734 | 1.734 | E5   | 4.29  |
| 29) L6   | AR-1254-4            | 1.174 | 1.095 | 1.149 | 1.224 | 1.091 | 1.147 | E5   | 4.88  |
| 30) L6   | AR-1254-5            | 1.384 | 1.301 | 1.357 | 1.447 | 1.407 | 1.379 | E5   | 3.96  |
| 31) L7   | AR-1260-1            | 1.596 | 1.496 | 1.502 | 1.662 | 1.622 | 1.576 | E5   | 4.68  |
| 32) L7   | AR-1260-2            | 1.711 | 1.601 | 1.606 | 1.793 | 1.866 | 1.715 | E5   | 6.75  |
| 33) L7   | AR-1260-3            | 1.977 | 1.873 | 1.872 | 2.082 | 1.969 | 1.955 | E5   | 4.45  |
| 34) L7   | AR-1260-4            | 1.309 | 1.242 | 1.239 | 1.367 | 1.217 | 1.275 | E5   | 4.86  |
| 35) L7   | AR-1260-5            | 2.267 | 2.173 | 2.182 | 2.320 | 2.104 | 2.209 | E5   | 3.84  |
| 36) L8   | AR-1262-1            | 1.726 |       |       |       |       | 1.726 | E5   | 0.00  |
| 37) L8   | AR-1262-2            | 2.727 |       |       |       |       | 2.727 | E5   | 0.00  |
| 38) L8   | AR-1262-3            | 1.932 |       |       |       |       | 1.932 | E5   | 0.00  |
| 39) L8   | AR-1262-4            | 8.404 |       |       |       |       | 8.404 | E4   | 0.00  |
| 40) L8   | AR-1262-5            | 1.039 |       |       |       |       | 1.039 | E5   | 0.00  |
| 41) L9   | AR-1268-1            | 3.561 | 3.383 | 3.432 | 3.745 | 3.319 | 3.488 | E5   | 4.84  |
| 42) L9   | AR-1268-2            | 3.245 | 3.086 | 3.130 | 3.361 | 2.923 | 3.149 | E5   | 5.25  |
| 43) L9   | AR-1268-3            | 2.860 | 2.707 | 2.756 | 2.970 | 2.655 | 2.790 | E5   | 4.51  |
| 44) L9   | AR-1268-4            | 1.169 | 1.112 | 1.198 | 1.251 | 1.087 | 1.163 | E5   | 5.66  |
| 45) L9   | AR-1268-5            | 9.109 | 9.005 | 8.866 | 9.334 | 8.492 | 8.961 | E5   | 3.50  |

## Signal #2 Calibration Files

500 =P0095561.D 1000 =P0095559.D 750 =P0095560.D  
 250 =P0095562.D 50 =P0095563.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 1.891 | 1.831 | 1.837 | 1.882 | 1.648 | 1.818 | E6   | 5.41 |
| 2) SA    | Decachlorobiphenyl   | 1.123 | 1.029 | 1.064 | 1.179 | 1.174 | 1.114 | E6   | 5.95 |
| 3) L1    | AR-1016-1            | 4.914 | 4.568 | 4.615 | 5.111 | 4.637 | 4.769 | E4   | 4.91 |
| 4) L1    | AR-1016-2            | 7.048 | 6.659 | 6.631 | 7.204 | 6.396 | 6.788 | E4   | 4.86 |
| 5) L1    | AR-1016-3            | 3.829 | 3.588 | 3.584 | 3.930 | 3.644 | 3.715 | E4   | 4.20 |

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## Calibration Files

500 =P0095561.D 1000 =P0095559.D 750 =P0095560.D  
 250 =P0095562.D 50 =P0095563.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 3.682 | 3.348 | 3.399 | 3.848 | 3.486 | 3.553 | E4 | 5.87  |
| 7)  | L1 AR-1016-5 | 4.391 | 4.051 | 4.076 | 4.558 | 4.051 | 4.225 | E4 | 5.56  |
| 8)  | L2 AR-1221-1 | 2.121 |       |       |       |       | 2.121 | E4 | 0.00  |
| 9)  | L2 AR-1221-2 | 1.592 |       |       |       |       | 1.592 | E4 | 0.00  |
| 10) | L2 AR-1221-3 | 4.822 |       |       |       |       | 4.822 | E4 | 0.00  |
| 11) | L3 AR-1232-1 | 3.433 |       |       |       |       | 3.433 | E4 | 0.00  |
| 12) | L3 AR-1232-2 | 3.010 |       |       |       |       | 3.010 | E4 | 0.00  |
| 13) | L3 AR-1232-3 | 1.589 |       |       |       |       | 1.589 | E4 | 0.00  |
| 14) | L3 AR-1232-4 | 1.700 |       |       |       |       | 1.700 | E4 | 0.00  |
| 15) | L3 AR-1232-5 | 1.831 |       |       |       |       | 1.831 | E4 | 0.00  |
| 16) | L4 AR-1242-1 | 3.135 | 2.946 | 3.157 | 3.864 | 2.841 | 3.188 | E4 | 12.54 |
| 17) | L4 AR-1242-2 | 4.410 | 4.191 | 4.503 | 5.277 | 3.942 | 4.465 | E4 | 11.27 |
| 18) | L4 AR-1242-3 | 2.454 | 2.285 | 2.498 | 3.100 | 2.498 | 2.567 | E4 | 12.10 |
| 19) | L4 AR-1242-4 | 2.888 | 2.691 | 2.901 | 3.512 | 2.538 | 2.906 | E4 | 12.76 |
| 20) | L4 AR-1242-5 | 2.923 | 2.749 | 2.948 | 3.495 | 2.432 | 2.909 | E4 | 13.30 |
| 21) | L5 AR-1248-1 | 2.764 | 2.443 | 2.411 | 2.684 | 2.546 | 2.570 | E4 | 5.93  |
| 22) | L5 AR-1248-2 | 4.556 | 4.025 | 4.032 | 4.771 | 4.516 | 4.380 | E4 | 7.66  |
| 23) | L5 AR-1248-3 | 4.712 | 4.170 | 4.184 | 4.894 | 4.607 | 4.513 | E4 | 7.18  |
| 24) | L5 AR-1248-4 | 5.268 | 4.712 | 4.703 | 5.453 | 5.248 | 5.077 | E4 | 6.83  |
| 25) | L5 AR-1248-5 | 3.990 | 3.619 | 3.618 | 4.114 | 3.913 | 3.851 | E4 | 5.81  |
| 26) | L6 AR-1254-1 | 6.973 | 6.387 | 6.915 | 7.500 | 6.945 | 6.944 | E4 | 5.67  |
| 27) | L6 AR-1254-2 | 6.446 | 5.745 | 6.279 | 6.869 | 6.554 | 6.379 | E4 | 6.50  |
| 28) | L6 AR-1254-3 | 9.213 | 8.520 | 9.127 | 9.823 | 9.154 | 9.167 | E4 | 5.04  |
| 29) | L6 AR-1254-4 | 4.360 | 3.956 | 4.239 | 4.652 | 4.120 | 4.265 | E4 | 6.16  |
| 30) | L6 AR-1254-5 | 7.826 | 7.170 | 7.638 | 8.437 | 7.801 | 7.775 | E4 | 5.85  |
| 31) | L7 AR-1260-1 | 7.788 | 7.242 | 7.219 | 8.061 | 7.798 | 7.622 | E4 | 4.90  |
| 32) | L7 AR-1260-2 | 8.208 | 7.698 | 7.642 | 8.447 | 8.024 | 8.004 | E4 | 4.25  |
| 33) | L7 AR-1260-3 | 8.050 | 7.478 | 7.483 | 8.173 | 7.581 | 7.753 | E4 | 4.29  |
| 34) | L7 AR-1260-4 | 5.552 | 5.129 | 5.141 | 5.779 | 5.219 | 5.364 | E4 | 5.39  |
| 35) | L7 AR-1260-5 | 1.082 | 1.026 | 1.023 | 1.129 | 1.082 | 1.068 | E5 | 4.15  |
| 36) | L8 AR-1262-1 | 3.978 |       |       |       |       | 3.978 | E4 | 0.00  |
| 37) | L8 AR-1262-2 | 7.835 |       |       |       |       | 7.835 | E4 | 0.00  |
| 38) | L8 AR-1262-3 | 5.873 |       |       |       |       | 5.873 | E4 | 0.00  |
| 39) | L8 AR-1262-4 | 9.826 |       |       |       |       | 9.826 | E4 | 0.00  |
| 40) | L8 AR-1262-5 | 3.968 |       |       |       |       | 3.968 | E4 | 0.00  |
| 41) | L9 AR-1268-1 | 1.582 | 1.517 | 1.527 | 1.664 | 1.569 | 1.572 | E5 | 3.71  |
| 42) | L9 AR-1268-2 | 1.430 | 1.363 | 1.386 | 1.508 | 1.418 | 1.421 | E5 | 3.89  |
| 43) | L9 AR-1268-3 | 1.384 | 1.307 | 1.290 | 1.484 | 1.480 | 1.389 | E5 | 6.62  |
| 44) | L9 AR-1268-4 | 4.839 | 4.481 | 4.815 | 4.712 | 4.532 | 4.676 | E4 | 3.48  |
| 45) | L9 AR-1268-5 | 3.999 | 3.878 | 3.993 | 4.141 | 3.578 | 3.918 | E5 | 5.40  |

(#) = Out of Range