

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\  
 Method File : P0050624.M  
 Title : GC EXTRACTABLES  
 Last Update : Tue May 07 04:55:35 2024  
 Response Via : Initial Calibration

## Calibration Files

500 =P0103376.D 1000 =P0103374.D 750 =P0103375.D  
 250 =P0103377.D 50 =P0103378.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 8.143 | 7.929 | 7.805 | 8.144 | 6.458 | 7.696 | E6   | 9.19 |
| 2) SA    | Decachlorobiphenyl   | 5.026 | 4.820 | 4.865 | 5.033 | 3.957 | 4.740 | E6   | 9.45 |
| 3) L1    | AR-1016-1            | 2.578 | 2.424 | 2.411 | 2.600 | 2.144 | 2.432 | E5   | 7.50 |
| 4) L1    | AR-1016-2            | 3.656 | 3.478 | 3.436 | 3.696 | 3.052 | 3.464 | E5   | 7.38 |
| 5) L1    | AR-1016-3            | 2.188 | 2.068 | 2.058 | 2.212 | 1.841 | 2.074 | E5   | 7.09 |
| 6) L1    | AR-1016-4            | 1.820 | 1.734 | 1.718 | 1.809 | 1.442 | 1.705 | E5   | 9.00 |
| 7) L1    | AR-1016-5            | 1.679 | 1.584 | 1.570 | 1.687 | 1.400 | 1.584 | E5   | 7.32 |
| 8) L2    | AR-1221-1            | 8.876 |       |       |       |       | 8.876 | E4   | 0.00 |
| 9) L2    | AR-1221-2            | 6.731 |       |       |       |       | 6.731 | E4   | 0.00 |
| 10) L2   | AR-1221-3            | 2.009 |       |       |       |       | 2.009 | E5   | 0.00 |
| 11) L3   | AR-1232-1            | 1.661 |       |       |       |       | 1.661 | E5   | 0.00 |
| 12) L3   | AR-1232-2            | 8.537 |       |       |       |       | 8.537 | E4   | 0.00 |
| 13) L3   | AR-1232-3            | 1.638 |       |       |       |       | 1.638 | E5   | 0.00 |
| 14) L3   | AR-1232-4            | 7.888 |       |       |       |       | 7.888 | E4   | 0.00 |
| 15) L3   | AR-1232-5            | 5.654 |       |       |       |       | 5.654 | E4   | 0.00 |
| 16) L4   | AR-1242-1            | 2.125 | 1.979 | 2.048 | 2.124 | 1.955 | 2.046 | E5   | 3.86 |
| 17) L4   | AR-1242-2            | 3.034 | 2.837 | 2.914 | 3.014 | 2.766 | 2.913 | E5   | 3.92 |
| 18) L4   | AR-1242-3            | 1.808 | 1.687 | 1.743 | 1.807 | 1.621 | 1.733 | E5   | 4.63 |
| 19) L4   | AR-1242-4            | 1.506 | 1.411 | 1.452 | 1.495 | 1.319 | 1.436 | E5   | 5.26 |
| 20) L4   | AR-1242-5            | 1.492 | 1.393 | 1.438 | 1.479 | 1.356 | 1.432 | E5   | 4.01 |
| 21) L5   | AR-1248-1            | 1.565 | 1.461 | 1.548 | 1.624 | 1.476 | 1.535 | E5   | 4.37 |
| 22) L5   | AR-1248-2            | 2.090 | 1.948 | 2.073 | 2.180 | 1.993 | 2.057 | E5   | 4.39 |
| 23) L5   | AR-1248-3            | 2.295 | 2.136 | 2.275 | 2.375 | 2.179 | 2.252 | E5   | 4.23 |
| 24) L5   | AR-1248-4            | 2.630 | 2.432 | 2.588 | 2.730 | 2.486 | 2.573 | E5   | 4.58 |
| 25) L5   | AR-1248-5            | 2.493 | 2.316 | 2.460 | 2.582 | 2.330 | 2.436 | E5   | 4.62 |
| 26) L6   | AR-1254-1            | 2.515 | 2.350 | 2.444 | 2.636 | 2.367 | 2.463 | E5   | 4.75 |
| 27) L6   | AR-1254-2            | 3.710 | 3.500 | 3.612 | 3.895 | 3.379 | 3.619 | E5   | 5.46 |
| 28) L6   | AR-1254-3            | 3.713 | 3.540 | 3.656 | 3.851 | 3.444 | 3.640 | E5   | 4.31 |
| 29) L6   | AR-1254-4            | 2.904 | 2.757 | 2.850 | 3.022 | 2.639 | 2.835 | E5   | 5.13 |
| 30) L6   | AR-1254-5            | 2.745 | 2.643 | 2.712 | 2.830 | 2.394 | 2.665 | E5   | 6.22 |
| 31) L7   | AR-1260-1            | 2.749 | 2.609 | 2.590 | 2.789 | 2.338 | 2.615 | E5   | 6.78 |
| 32) L7   | AR-1260-2            | 3.441 | 3.259 | 3.237 | 3.464 | 2.881 | 3.256 | E5   | 7.18 |
| 33) L7   | AR-1260-3            | 2.622 | 2.500 | 2.491 | 2.627 | 2.154 | 2.479 | E5   | 7.78 |
| 34) L7   | AR-1260-4            | 2.532 | 2.424 | 2.416 | 2.594 | 2.219 | 2.437 | E5   | 5.86 |
| 35) L7   | AR-1260-5            | 5.754 | 5.555 | 5.512 | 5.677 | 4.655 | 5.431 | E5   | 8.18 |
| 36) L8   | AR-1262-1            | 2.303 |       |       |       |       | 2.303 | E5   | 0.00 |
| 37) L8   | AR-1262-2            | 6.492 |       |       |       |       | 6.492 | E5   | 0.00 |
| 38) L8   | AR-1262-3            | 4.287 |       |       |       |       | 4.287 | E5   | 0.00 |
| 39) L8   | AR-1262-4            | 3.360 |       |       |       |       | 3.360 | E5   | 0.00 |
| 40) L8   | AR-1262-5            | 2.371 |       |       |       |       | 2.371 | E5   | 0.00 |
| 41) L9   | AR-1268-1            | 8.198 | 7.935 | 7.894 | 7.983 | 6.874 | 7.777 | E5   | 6.66 |
| 42) L9   | AR-1268-2            | 7.522 | 7.291 | 7.254 | 7.298 | 6.371 | 7.147 | E5   | 6.25 |
| 43) L9   | AR-1268-3            | 6.652 | 6.462 | 6.436 | 6.431 | 5.495 | 6.295 | E5   | 7.26 |
| 44) L9   | AR-1268-4            | 2.688 | 2.619 | 2.626 | 2.568 | 2.176 | 2.535 | E5   | 8.09 |
| 45) L9   | AR-1268-5            | 2.032 | 1.995 | 1.985 | 1.970 | 1.693 | 1.935 | E6   | 7.10 |

## Signal #2 Calibration Files

500 =P0103376.D 1000 =P0103374.D 750 =P0103375.D  
 250 =P0103377.D 50 =P0103378.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 2.636 | 2.545 | 2.511 | 2.637 | 2.267 | 2.519 | E6   | 6.00 |
| 2) SA    | Decachlorobiphenyl   | 1.352 | 1.254 | 1.286 | 1.409 | 1.203 | 1.301 | E6   | 6.24 |
| 3) L1    | AR-1016-1            | 8.098 | 7.455 | 7.505 | 8.603 | 7.573 | 7.847 | E4   | 6.31 |
| 4) L1    | AR-1016-2            | 1.243 | 1.160 | 1.157 | 1.283 | 1.147 | 1.198 | E5   | 5.11 |
| 5) L1    | AR-1016-3            | 6.905 | 6.395 | 6.391 | 7.107 | 6.618 | 6.683 | E4   | 4.74 |

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500 =P0103376.D 1000 =P0103374.D 750 =P0103375.D  
 250 =P0103377.D 50 =P0103378.D

| Compound |    |           | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|----------|----|-----------|-------|-------|-------|-------|-------|-------|----|------|
| 6)       | L1 | AR-1016-4 | 4.715 | 4.275 | 4.325 | 5.061 | 4.600 | 4.595 | E4 | 6.94 |
| 7)       | L1 | AR-1016-5 | 6.410 | 5.926 | 5.917 | 6.757 | 6.209 | 6.244 | E4 | 5.66 |
| 8)       | L2 | AR-1221-1 | 3.080 |       |       |       |       | 3.080 | E4 | 0.00 |
| 9)       | L2 | AR-1221-2 | 2.432 |       |       |       |       | 2.432 | E4 | 0.00 |
| 10)      | L2 | AR-1221-3 | 7.167 |       |       |       |       | 7.167 | E4 | 0.00 |
| 11)      | L3 | AR-1232-1 | 5.956 |       |       |       |       | 5.956 | E4 | 0.00 |
| 12)      | L3 | AR-1232-2 | 5.732 |       |       |       |       | 5.732 | E4 | 0.00 |
| 13)      | L3 | AR-1232-3 | 3.097 |       |       |       |       | 3.097 | E4 | 0.00 |
| 14)      | L3 | AR-1232-4 | 2.569 |       |       |       |       | 2.569 | E4 | 0.00 |
| 15)      | L3 | AR-1232-5 | 2.779 |       |       |       |       | 2.779 | E4 | 0.00 |
| 16)      | L4 | AR-1242-1 | 6.778 | 6.092 | 6.400 | 7.029 | 6.755 | 6.611 | E4 | 5.54 |
| 17)      | L4 | AR-1242-2 | 1.033 | 0.947 | 0.978 | 1.049 | 0.970 | 0.995 | E5 | 4.37 |
| 18)      | L4 | AR-1242-3 | 5.679 | 5.169 | 5.375 | 5.732 | 5.409 | 5.473 | E4 | 4.24 |
| 19)      | L4 | AR-1242-4 | 5.146 | 4.577 | 4.806 | 5.252 | 5.057 | 4.967 | E4 | 5.51 |
| 20)      | L4 | AR-1242-5 | 6.295 | 5.683 | 5.924 | 6.445 | 6.220 | 6.113 | E4 | 5.01 |
| 21)      | L5 | AR-1248-1 | 5.092 | 4.658 | 4.995 | 5.507 | 4.978 | 5.046 | E4 | 6.04 |
| 22)      | L5 | AR-1248-2 | 6.575 | 5.946 | 6.387 | 7.174 | 6.856 | 6.588 | E4 | 7.07 |
| 23)      | L5 | AR-1248-3 | 7.255 | 6.550 | 7.076 | 7.865 | 7.448 | 7.239 | E4 | 6.69 |
| 24)      | L5 | AR-1248-4 | 8.491 | 7.765 | 8.335 | 9.089 | 8.578 | 8.452 | E4 | 5.64 |
| 25)      | L5 | AR-1248-5 | 8.856 | 8.102 | 8.666 | 9.364 | 8.915 | 8.781 | E4 | 5.21 |
| 26)      | L6 | AR-1254-1 | 1.224 | 1.119 | 1.171 | 1.324 | 1.256 | 1.219 | E5 | 6.44 |
| 27)      | L6 | AR-1254-2 | 1.056 | 0.958 | 1.007 | 1.149 | 1.111 | 1.056 | E5 | 7.28 |
| 28)      | L6 | AR-1254-3 | 1.730 | 1.615 | 1.677 | 1.850 | 1.722 | 1.719 | E5 | 5.01 |
| 29)      | L6 | AR-1254-4 | 1.048 | 0.968 | 1.007 | 1.116 | 1.015 | 1.031 | E5 | 5.38 |
| 30)      | L6 | AR-1254-5 | 1.400 | 1.308 | 1.356 | 1.487 | 1.348 | 1.380 | E5 | 4.96 |
| 31)      | L7 | AR-1260-1 | 1.094 | 1.001 | 1.004 | 1.144 | 1.041 | 1.057 | E5 | 5.83 |
| 32)      | L7 | AR-1260-2 | 1.284 | 1.178 | 1.188 | 1.356 | 1.252 | 1.252 | E5 | 5.85 |
| 33)      | L7 | AR-1260-3 | 1.214 | 1.124 | 1.124 | 1.260 | 1.183 | 1.181 | E5 | 4.98 |
| 34)      | L7 | AR-1260-4 | 9.299 | 8.614 | 8.663 | 9.631 | 8.413 | 8.924 | E4 | 5.78 |
| 35)      | L7 | AR-1260-5 | 2.143 | 2.034 | 2.028 | 2.194 | 1.959 | 2.071 | E5 | 4.60 |
| 36)      | L8 | AR-1262-1 | 7.667 |       |       |       |       | 7.667 | E4 | 0.00 |
| 37)      | L8 | AR-1262-2 | 1.178 |       |       |       |       | 1.178 | E5 | 0.00 |
| 38)      | L8 | AR-1262-3 | 9.035 |       |       |       |       | 9.035 | E4 | 0.00 |
| 39)      | L8 | AR-1262-4 | 1.671 |       |       |       |       | 1.671 | E5 | 0.00 |
| 40)      | L8 | AR-1262-5 | 7.214 |       |       |       |       | 7.214 | E4 | 0.00 |
| 41)      | L9 | AR-1268-1 | 2.629 | 2.475 | 2.507 | 2.674 | 2.585 | 2.574 | E5 | 3.21 |
| 42)      | L9 | AR-1268-2 | 2.564 | 2.427 | 2.462 | 2.573 | 2.459 | 2.497 | E5 | 2.67 |
| 43)      | L9 | AR-1268-3 | 2.069 | 1.956 | 1.983 | 2.101 | 1.946 | 2.011 | E5 | 3.47 |
| 44)      | L9 | AR-1268-4 | 5.559 | 5.345 | 5.396 | 5.561 | 5.232 | 5.418 | E5 | 2.62 |
| 45)      | L9 | AR-1268-5 | 2.380 | 2.219 | 2.274 | 2.458 | 2.306 | 2.327 | E5 | 4.02 |

(#) = Out of Range