

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\  
 Method File : P0111221.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Nov 12 07:46:10 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =P0082763.D 1000 =P0082761.D 750 =P0082762.D  
 250 =P0082764.D 50 =P0082765.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 9.165 | 8.783 | 9.025 | 9.122 | 8.490 | 8.917 | E4   | 3.15 |
| 2) SA    | Decachlorobiphenyl   | 5.960 | 5.553 | 5.789 | 6.048 | 5.607 | 5.791 | E4   | 3.72 |
| 3) L1    | AR-1016-1            | 2.959 | 2.722 | 2.846 | 3.070 | 3.122 | 2.944 | E3   | 5.55 |
| 4) L1    | AR-1016-2            | 4.187 | 3.893 | 4.044 | 4.266 | 4.387 | 4.156 | E3   | 4.63 |
| 5) L1    | AR-1016-3            | 2.566 | 2.370 | 2.476 | 2.658 | 2.652 | 2.544 | E3   | 4.81 |
| 6) L1    | AR-1016-4            | 2.100 | 1.949 | 2.023 | 2.123 | 2.054 | 2.050 | E3   | 3.34 |
| 7) L1    | AR-1016-5            | 2.098 | 1.881 | 1.992 | 2.136 | 2.093 | 2.040 | E3   | 5.08 |
| 8) L2    | AR-1221-1            | 9.781 |       |       |       |       | 9.781 | E2   | 0.00 |
| 9) L2    | AR-1221-2            | 6.887 |       |       |       |       | 6.887 | E2   | 0.00 |
| 10) L2   | AR-1221-3            | 2.192 |       |       |       |       | 2.192 | E3   | 0.00 |
| 11) L3   | AR-1232-1            | 1.755 |       |       |       |       | 1.755 | E3   | 0.00 |
| 12) L3   | AR-1232-2            | 9.084 |       |       |       |       | 9.084 | E2   | 0.00 |
| 13) L3   | AR-1232-3            | 1.620 |       |       |       |       | 1.620 | E3   | 0.00 |
| 14) L3   | AR-1232-4            | 8.014 |       |       |       |       | 8.014 | E2   | 0.00 |
| 15) L3   | AR-1232-5            | 5.716 |       |       |       |       | 5.716 | E2   | 0.00 |
| 16) L4   | AR-1242-1            | 2.185 | 1.991 | 2.094 | 2.225 | 2.217 | 2.142 | E3   | 4.64 |
| 17) L4   | AR-1242-2            | 3.036 | 2.849 | 2.926 | 3.162 | 3.151 | 3.025 | E3   | 4.54 |
| 18) L4   | AR-1242-3            | 1.900 | 1.752 | 1.815 | 1.973 | 2.060 | 1.900 | E3   | 6.45 |
| 19) L4   | AR-1242-4            | 1.530 | 1.429 | 1.482 | 1.536 | 1.533 | 1.502 | E3   | 3.10 |
| 20) L4   | AR-1242-5            | 1.546 | 1.433 | 1.505 | 1.614 | 1.671 | 1.554 | E3   | 5.95 |
| 21) L5   | AR-1248-1            | 1.597 | 1.479 | 1.540 | 1.630 | 1.737 | 1.597 | E3   | 6.08 |
| 22) L5   | AR-1248-2            | 2.168 | 1.988 | 2.065 | 2.222 | 2.254 | 2.140 | E3   | 5.18 |
| 23) L5   | AR-1248-3            | 2.508 | 2.325 | 2.411 | 2.572 | 2.765 | 2.516 | E3   | 6.67 |
| 24) L5   | AR-1248-4            | 2.658 | 2.479 | 2.560 | 2.691 | 2.747 | 2.627 | E3   | 4.08 |
| 25) L5   | AR-1248-5            | 2.634 | 2.447 | 2.537 | 2.657 | 2.670 | 2.589 | E3   | 3.67 |
| 26) L6   | AR-1254-1            | 2.769 | 2.589 | 2.682 | 2.873 | 3.063 | 2.795 | E3   | 6.55 |
| 27) L6   | AR-1254-2            | 4.200 | 3.927 | 4.052 | 4.353 | 4.671 | 4.241 | E3   | 6.81 |
| 28) L6   | AR-1254-3            | 4.264 | 3.983 | 4.109 | 4.421 | 4.496 | 4.255 | E3   | 5.00 |
| 29) L6   | AR-1254-4            | 3.001 | 2.814 | 2.893 | 3.073 | 3.138 | 2.984 | E3   | 4.40 |
| 30) L6   | AR-1254-5            | 3.108 | 2.955 | 3.028 | 3.163 | 3.223 | 3.096 | E3   | 3.44 |
| 31) L7   | AR-1260-1            | 2.998 | 2.899 | 2.966 | 3.058 | 2.955 | 2.975 | E3   | 1.97 |
| 32) L7   | AR-1260-2            | 3.646 | 3.426 | 3.551 | 3.758 | 3.983 | 3.673 | E3   | 5.78 |
| 33) L7   | AR-1260-3            | 2.821 | 2.644 | 2.743 | 2.835 | 2.850 | 2.779 | E3   | 3.09 |
| 34) L7   | AR-1260-4            | 3.233 | 3.035 | 3.148 | 3.252 | 3.084 | 3.150 | E3   | 2.96 |
| 35) L7   | AR-1260-5            | 6.328 | 5.921 | 6.182 | 6.352 | 6.191 | 6.194 | E3   | 2.77 |
| 36) L8   | AR-1262-1            | 3.612 |       |       |       |       | 3.612 | E3   | 0.00 |
| 37) L8   | AR-1262-2            | 6.307 |       |       |       |       | 6.307 | E3   | 0.00 |
| 38) L8   | AR-1262-3            | 2.892 |       |       |       |       | 2.892 | E3   | 0.00 |
| 39) L8   | AR-1262-4            | 1.775 |       |       |       |       | 1.775 | E3   | 0.00 |
| 40) L8   | AR-1262-5            | 2.400 |       |       |       |       | 2.400 | E3   | 0.00 |
| 41) L9   | AR-1268-1            | 8.213 | 7.785 | 8.028 | 8.293 | 8.122 | 8.088 | E3   | 2.42 |
| 42) L9   | AR-1268-2            | 7.675 | 7.600 | 7.542 | 7.695 | 7.691 | 7.640 | E3   | 0.88 |
| 43) L9   | AR-1268-3            | 6.490 | 6.234 | 6.416 | 6.629 | 6.635 | 6.481 | E3   | 2.57 |
| 44) L9   | AR-1268-4            | 2.845 | 2.683 | 2.776 | 2.890 | 3.115 | 2.862 | E3   | 5.64 |
| 45) L9   | AR-1268-5            | 2.199 | 2.105 | 2.151 | 2.199 | 2.190 | 2.169 | E4   | 1.89 |

## Signal #2 Calibration Files

500 =P0082763.D 1000 =P0082761.D 750 =P0082762.D  
 250 =P0082764.D 50 =P0082765.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 3.259 | 3.086 | 3.185 | 3.328 | 3.366 | 3.245 | E4   | 3.46 |
| 2) SA    | Decachlorobiphenyl   | 2.910 | 2.631 | 2.750 | 2.933 | 2.953 | 2.835 | E4   | 4.92 |
| 3) L1    | AR-1016-1            | 1.384 | 1.241 | 1.306 | 1.466 | 1.599 | 1.399 | E3   | 9.98 |
| 4) L1    | AR-1016-2            | 1.902 | 1.725 | 1.816 | 2.017 | 2.213 | 1.935 | E3   | 9.78 |
| 5) L1    | AR-1016-3            | 1.034 | 0.942 | 0.987 | 1.105 | 1.134 | 1.040 | E3   | 7.69 |

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500 =P0082763.D 1000 =P0082761.D 750 =P0082762.D  
 250 =P0082764.D 50 =P0082765.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 8.668 | 7.736 | 8.184 | 9.150 | 9.996 | 8.747 | E2 | 10.01 |
| 7)  | L1 AR-1016-5 | 1.079 | 0.967 | 1.023 | 1.129 | 1.153 | 1.070 | E3 | 7.11  |
| 8)  | L2 AR-1221-1 | 4.122 |       |       |       |       | 4.122 | E2 | 0.00  |
| 9)  | L2 AR-1221-2 | 3.151 |       |       |       |       | 3.151 | E2 | 0.00  |
| 10) | L2 AR-1221-3 | 9.890 |       |       |       |       | 9.890 | E2 | 0.00  |
| 11) | L3 AR-1232-1 | 8.100 |       |       |       |       | 8.100 | E2 | 0.00  |
| 12) | L3 AR-1232-2 | 7.963 |       |       |       |       | 7.963 | E2 | 0.00  |
| 13) | L3 AR-1232-3 | 4.222 |       |       |       |       | 4.222 | E2 | 0.00  |
| 14) | L3 AR-1232-4 | 3.653 |       |       |       |       | 3.653 | E2 | 0.00  |
| 15) | L3 AR-1232-5 | 4.010 |       |       |       |       | 4.010 | E2 | 0.00  |
| 16) | L4 AR-1242-1 | 1.040 | 0.930 | 0.980 | 1.107 | 1.179 | 1.047 | E3 | 9.48  |
| 17) | L4 AR-1242-2 | 1.425 | 1.282 | 1.343 | 1.494 | 1.661 | 1.441 | E3 | 10.20 |
| 18) | L4 AR-1242-3 | 7.842 | 7.035 | 7.331 | 7.981 | 8.745 | 7.787 | E2 | 8.45  |
| 19) | L4 AR-1242-4 | 7.573 | 6.718 | 7.078 | 7.953 | 9.036 | 7.672 | E2 | 11.68 |
| 20) | L4 AR-1242-5 | 1.002 | 0.902 | 0.945 | 1.063 | 1.107 | 1.004 | E3 | 8.30  |
| 21) | L5 AR-1248-1 | 7.889 | 7.106 | 7.235 | 8.114 | 8.841 | 7.837 | E2 | 8.99  |
| 22) | L5 AR-1248-2 | 1.081 | 0.966 | 1.016 | 1.149 | 1.300 | 1.102 | E3 | 11.81 |
| 23) | L5 AR-1248-3 | 1.084 | 0.975 | 1.026 | 1.156 | 1.292 | 1.106 | E3 | 11.19 |
| 24) | L5 AR-1248-4 | 1.290 | 1.167 | 1.229 | 1.359 | 1.479 | 1.305 | E3 | 9.25  |
| 25) | L5 AR-1248-5 | 1.323 | 1.202 | 1.267 | 1.397 | 1.558 | 1.349 | E3 | 10.15 |
| 26) | L6 AR-1254-1 | 2.047 | 1.866 | 1.938 | 2.148 | 2.311 | 2.062 | E3 | 8.51  |
| 27) | L6 AR-1254-2 | 1.786 | 1.632 | 1.688 | 1.878 | 2.041 | 1.805 | E3 | 8.98  |
| 28) | L6 AR-1254-3 | 2.753 | 2.562 | 2.639 | 2.887 | 3.019 | 2.772 | E3 | 6.66  |
| 29) | L6 AR-1254-4 | 1.993 | 1.834 | 1.904 | 2.078 | 2.212 | 2.004 | E3 | 7.39  |
| 30) | L6 AR-1254-5 | 2.551 | 2.380 | 2.458 | 2.672 | 2.581 | 2.528 | E3 | 4.45  |
| 31) | L7 AR-1260-1 | 1.930 | 1.747 | 1.844 | 2.072 | 2.245 | 1.968 | E3 | 9.95  |
| 32) | L7 AR-1260-2 | 2.581 | 2.324 | 2.463 | 2.543 | 2.806 | 2.543 | E3 | 6.95  |
| 33) | L7 AR-1260-3 | 2.204 | 1.950 | 2.082 | 2.316 | 2.853 | 2.281 | E3 | 15.24 |
| 34) | L7 AR-1260-4 | 1.779 | 1.611 | 1.693 | 1.869 | 1.755 | 1.741 | E3 | 5.53  |
| 35) | L7 AR-1260-5 | 4.512 | 4.195 | 4.373 | 4.339 | 4.478 | 4.380 | E3 | 2.86  |
| 36) | L8 AR-1262-1 | 1.314 |       |       |       |       | 1.314 | E3 | 0.00  |
| 37) | L8 AR-1262-2 | 4.858 |       |       |       |       | 4.858 | E3 | 0.00  |
| 38) | L8 AR-1262-3 | 1.965 |       |       |       |       | 1.965 | E3 | 0.00  |
| 39) | L8 AR-1262-4 | 3.321 |       |       |       |       | 3.321 | E3 | 0.00  |
| 40) | L8 AR-1262-5 | 1.471 |       |       |       |       | 1.471 | E3 | 0.00  |
| 41) | L9 AR-1268-1 | 6.171 | 5.840 | 6.015 | 6.310 | 6.311 | 6.130 | E3 | 3.31  |
| 42) | L9 AR-1268-2 | 5.166 | 4.875 | 5.025 | 5.300 | 5.614 | 5.196 | E3 | 5.44  |
| 43) | L9 AR-1268-3 | 4.361 | 4.081 | 4.248 | 4.483 | 4.387 | 4.312 | E3 | 3.57  |
| 44) | L9 AR-1268-4 | 1.757 | 1.624 | 1.719 | 1.765 | 1.790 | 1.731 | E3 | 3.75  |
| 45) | L9 AR-1268-5 | 1.197 | 1.133 | 1.168 | 1.211 | 1.217 | 1.185 | E4 | 2.93  |

(#) = Out of Range