Response Factor Report ecd-o

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\
Method File : PO100119.M
Title : GC EXTRACTABLES
Last Update : Tue Oct 01 15:34:04 2019
Response Via : Initial Calibration

Calibration Files
500 =PO061505.D 1000 =PO061503.D 750 =PO061504.D
250 =PO061506.D 50 =PO061507.D

| | Compound | 500 | 1000 | 750 | 250 | 50 | Avg | | %RSD |
|---|---|---|---|---|---|---|---|---|---|
| 1) SA | Tetrachloro-m-xylene | 4.287 | 4.045 | 4.031 | 4.055 | 4.088 | 4.101 | E4 | 2.59 |
| 2) SA | Decachlorobiphenyl | 4.608 | 4.174 | 4.406 | 4.879 | 5.219 | 4.657 | E4 | 8.74 |
| 3) L1 | AR-1016-1 | 1.804 | 1.639 | 1.695 | 1.903 | 2.129 | 1.834 | E3 | 10.56 |
| 4) L1 | AR-1016-2 | 2.593 | 2.340 | 2.427 | 2.653 | 2.911 | 2.585 | E3 | 8.58 |
| 5) L1 | AR-1016-3 | 1.590 | 1.425 | 1.489 | 1.659 | 1.871 | 1.606 | E3 | 10.78 |
| 6) L1 | AR-1016-4 | 1.337 | 1.205 | 1.253 | 1.367 | 1.523 | 1.337 | E3 | 9.15 |
| 7) L1 | AR-1016-5 | 1.371 | 1.230 | 1.288 | 1.435 | 1.534 | 1.371 | E3 | 8.75 |
| 8) L2 | AR-1221-1 | 4.623 | | | | | 4.623 | E2 | 0.00 |
| 9) L2 | AR-1221-2 | 3.590 | | | | | 3.590 | E2 | 0.00 |
| 10) L2 | AR-1221-3 | 1.139 | | | | | 1.139 | E3 | 0.00 |
| 11) L3 | AR-1232-1 | 1.398 | | | | | 1.398 | E3 | 0.00 |
| 12) L3 | AR-1232-2 | 7.846 | | | | | 7.846 | E2 | 0.00 |
| 13) L3 | AR-1232-3 | 1.709 | | | | | 1.709 | E3 | 0.00 |
| 14) L3 | AR-1232-4 | 8.848 | | | | | 8.848 | E2 | 0.00 |
| 15) L3 | AR-1232-5 | 6.933 | | | | | 6.933 | E2 | 0.00 |
| 16) L4 | AR-1242-1 | 1.420 | | | | | 1.420 | E3 | 0.00 |
| 17) L4 | AR-1242-2 | 2.010 | | | | | 2.010 | E3 | 0.00 |
| 18) L4 | AR-1242-3 | 1.262 | | | | | 1.262 | E3 | 0.00 |
| 19) L4 | AR-1242-4 | 1.051 | | | | | 1.051 | E3 | 0.00 |
| 20) L4 | AR-1242-5 | 1.337 | | | | | 1.337 | E3 | 0.00 |
| 21) L5 | AR-1248-1 | 1.147 | 1.086 | 1.071 | 1.242 | 1.327 | 1.175 | E3 | 9.23 |
| 22) L5 | AR-1248-2 | 1.622 | 1.528 | 1.526 | 1.779 | 1.982 | 1.687 | E3 | 11.51 |
| 23) L5 | AR-1248-3 | 1.812 | 1.730 | 1.725 | 1.968 | 2.109 | 1.869 | E3 | 8.91 |
| 24) L5 | AR-1248-4 | 2.279 | 2.119 | 2.160 | 2.503 | 2.753 | 2.363 | E3 | 11.19 |
| 25) L5 | AR-1248-5 | 2.197 | 2.050 | 2.090 | 2.427 | 2.574 | 2.267 | E3 | 9.94 |
| 26) L6 | AR-1254-1 | 2.281 | | | | | 2.281 | E3 | 0.00 |
| 27) L6 | AR-1254-2 | 3.613 | | | | | 3.613 | E3 | 0.00 |
| 28) L6 | AR-1254-3 | 3.907 | | | | | 3.907 | E3 | 0.00 |
| 29) L6 | AR-1254-4 | 3.029 | | | | | 3.029 | E3 | 0.00 |
| 30) L6 | AR-1254-5 | 3.140 | | | | | 3.140 | E3 | 0.00 |
| 31) L7 | AR-1260-1 | 2.600 | 2.365 | 2.495 | 2.789 | 2.803 | 2.611 | E3 | 7.24 |
| 32) L7 | AR-1260-2 | 3.113 | 2.842 | 2.997 | 3.308 | 3.680 | 3.188 | E3 | 10.14 |
| 33) L7 | AR-1260-3 | 2.362 | 2.168 | 2.289 | 2.530 | 2.660 | 2.402 | E3 | 8.12 |
| 34) L7 | AR-1260-4 | 2.646 | 2.439 | 2.577 | 2.800 | 2.898 | 2.672 | E3 | 6.78 |
| 35) L7 | AR-1260-5 | 4.884 | 4.611 | 4.836 | 5.082 | 5.327 | 4.948 | E3 | 5.46 |
| 36) L8 | AR-1262-1 | 3.831 | | | | | 3.831 | E3 | 0.00 |
| 37) L8 | AR-1262-2 | 6.208 | | | | | 6.208 | E3 | 0.00 |
| 38) L8 | AR-1262-3 | 4.156 | | | | | 4.156 | E3 | 0.00 |
| 39) L8 | AR-1262-4 | 3.157 | | | | | 3.157 | E3 | 0.00 |
| 40) L8 | AR-1262-5 | 2.034 | | | | | 2.034 | E3 | 0.00 |
| 41) L9 | AR-1268-1 | 6.724 | | | | | 6.724 | E3 | 0.00 |
| 42) L9 | AR-1268-2 | 6.192 | | | | | 6.192 | E3 | 0.00 |
| 43) L9 | AR-1268-3 | 5.112 | | | | | 5.112 | E3 | 0.00 |
| 44) L9 | AR-1268-4 | 2.187 | | | | | 2.187 | E3 | 0.00 |
| 45) L9 | AR-1268-5 | 1.502 | | | | | 1.502 | E4 | 0.00 |

Signal #2 Calibration Files
500 =PO061505.D 1000 =PO061503.D 750 =PO061504.D
250 =PO061506.D 50 =PO061507.D

| | Compound | 500 | 1000 | 750 | 250 | 50 | Avg | | %RSD |
|---|---|---|---|---|---|---|---|---|---|
| 1) SA | Tetrachloro-m-xylene | 3.263 | 3.026 | 3.085 | 3.239 | 3.556 | 3.234 | E4 | 6.37 |
| 2) SA | Decachlorobiphenyl | 3.132 | 2.780 | 2.939 | 3.363 | 3.974 | 3.238 | E4 | 14.39 |
| 3) L1 | AR-1016-1 | 1.302 | 1.146 | 1.201 | 1.402 | 1.672 | 1.345 | E3 | 15.43 |
| 4) L1 | AR-1016-2 | 1.801 | 1.629 | 1.698 | 1.911 | 2.228 | 1.853 | E3 | 12.69 |
| 5) L1 | AR-1016-3 | 0.987 | 0.876 | 0.918 | 1.043 | 1.185 | 1.002 | E3 | 12.06 |

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\
Method File : PO100119.M
Title : GC EXTRACTABLES
Last Update : Tue Oct 01 15:34:04 2019
Response Via : Initial Calibration

Calibration Files
500 =PO061505.D 1000 =PO061503.D 750 =PO061504.D
250 =PO061506.D 50 =PO061507.D

| | Compound | 500 | 1000 | 750 | 250 | 50 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|
| 6) L1 | AR-1016-4 | 0.849 | 0.729 | 0.780 | 0.912 | 1.063 | 0.867 E3 | 14.97 |
| 7) L1 | AR-1016-5 | 1.100 | 0.957 | 1.012 | 1.164 | 1.475 | 1.141 E3 | 17.77 |
| 8) L2 | AR-1221-1 | 3.960 | | | | | 3.960 E2 | 0.00 |
| 9) L2 | AR-1221-2 | 3.084 | | | | | 3.084 E2 | 0.00 |
| 10) L2 | AR-1221-3 | 9.121 | | | | | 9.121 E2 | 0.00 |
| 11) L3 | AR-1232-1 | 1.123 | | | | | 1.123 E3 | 0.00 |
| 12) L3 | AR-1232-2 | 1.221 | | | | | 1.221 E3 | 0.00 |
| 13) L3 | AR-1232-3 | 6.603 | | | | | 6.603 E2 | 0.00 |
| 14) L3 | AR-1232-4 | 6.304 | | | | | 6.304 E2 | 0.00 |
| 15) L3 | AR-1232-5 | 6.862 | | | | | 6.862 E2 | 0.00 |
| 16) L4 | AR-1242-1 | 1.025 | | | | | 1.025 E3 | 0.00 |
| 17) L4 | AR-1242-2 | 1.410 | | | | | 1.410 E3 | 0.00 |
| 18) L4 | AR-1242-3 | 7.809 | | | | | 7.809 E2 | 0.00 |
| 19) L4 | AR-1242-4 | 8.206 | | | | | 8.206 E2 | 0.00 |
| 20) L4 | AR-1242-5 | 1.071 | | | | | 1.071 E3 | 0.00 |
| 21) L5 | AR-1248-1 | 0.852 | 0.775 | 0.787 | 0.925 | 1.135 | 0.895 E3 | 16.44 |
| 22) L5 | AR-1248-2 | 1.138 | 1.028 | 1.040 | 1.271 | 1.415 | 1.178 E3 | 13.95 |
| 23) L5 | AR-1248-3 | 1.184 | 1.070 | 1.083 | 1.318 | 1.552 | 1.241 E3 | 16.12 |
| 24) L5 | AR-1248-4 | 1.422 | 1.294 | 1.309 | 1.579 | 1.913 | 1.503 E3 | 17.01 |
| 25) L5 | AR-1248-5 | 1.430 | 1.298 | 1.335 | 1.587 | 2.020 | 1.534 E3 | 19.15 |
| 26) L6 | AR-1254-1 | 2.193 | | | | | 2.193 E3 | 0.00 |
| 27) L6 | AR-1254-2 | 1.960 | | | | | 1.960 E3 | 0.00 |
| 28) L6 | AR-1254-3 | 3.184 | | | | | 3.184 E3 | 0.00 |
| 29) L6 | AR-1254-4 | 2.029 | | | | | 2.029 E3 | 0.00 |
| 30) L6 | AR-1254-5 | 2.828 | | | | | 2.828 E3 | 0.00 |
| 31) L7 | AR-1260-1 | 1.926 | 1.702 | 1.808 | 2.130 | 2.634 | 2.040 E3 | 18.05 |
| 32) L7 | AR-1260-2 | 2.283 | 2.013 | 2.146 | 2.507 | 3.061 | 2.402 E3 | 17.12 |
| 33) L7 | AR-1260-3 | 2.143 | 1.910 | 2.022 | 2.351 | 2.839 | 2.253 E3 | 16.23 |
| 34) L7 | AR-1260-4 | 1.762 | 1.559 | 1.682 | 1.939 | 2.288 | 1.846 E3 | 15.33 |
| 35) L7 | AR-1260-5 | 3.779 | 3.420 | 3.649 | 4.074 | 4.546 | 3.894 E3 | 11.16 |
| 36) L8 | AR-1262-1 | 1.221 | | | | | 1.221 E3 | 0.00 |
| 37) L8 | AR-1262-2 | 4.598 | | | | | 4.598 E3 | 0.00 |
| 38) L8 | AR-1262-3 | 1.884 | | | | | 1.884 E3 | 0.00 |
| 39) L8 | AR-1262-4 | 3.361 | | | | | 3.361 E3 | 0.00 |
| 40) L8 | AR-1262-5 | 1.516 | | | | | 1.516 E3 | 0.00 |
| 41) L9 | AR-1268-1 | 4.829 | | | | | 4.829 E3 | 0.00 |
| 42) L9 | AR-1268-2 | 4.310 | | | | | 4.310 E3 | 0.00 |
| 43) L9 | AR-1268-3 | 3.584 | | | | | 3.584 E3 | 0.00 |
| 44) L9 | AR-1268-4 | 1.609 | | | | | 1.609 E3 | 0.00 |
| 45) L9 | AR-1268-5 | 1.006 | | | | | 1.006 E4 | 0.00 |

(#) = Out of Range