

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032425\  
 Data File : PQ070102.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 14:42  
 Operator : YP\AJ  
 Sample : Q1546-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-SOIL-QT1-2025-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 15:24:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ031725CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 15:05:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.405  | 2.783 | 159.2E6  | 148.0E6  | 17.804  | 18.352   |
| 2)                          | SA Decachlor... | 8.503  | 7.545 | 112.8E6  | 181.2E6  | 29.706  | 30.920   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 4.485  | 3.785 | 6238208  | 5754578  | 27.120  | 25.738   |
| 4)                          | L1 AR-1016-2    | 4.504  | 3.801 | 9747408  | 11509953 | 25.182  | 31.534 # |
| 5)                          | L1 AR-1016-3    | 4.562  | 3.962 | 8469290  | 4984368  | 33.582  | 24.120 # |
| 6)                          | L1 AR-1016-4    | 4.652  | 4.009 | 5188929  | 4433581  | 25.977  | 23.371   |
| 7)                          | L1 AR-1016-5    | 4.936  | 4.205 | 4737923  | 5609799  | 24.165  | 25.158   |
| 8)                          | L2 AR-1221-1    | 3.580  | 2.983 | 11018488 | 866704   | 111.190 | 8.987 #  |
| 9)                          | L2 AR-1221-2    | 3.677  | 3.053 | 3594906  | 2978868  | 52.866  | 44.405   |
| 10)                         | L2 AR-1221-3    | 3.745  | 3.128 | 3600253  | 3275602  | 16.409  | 15.314   |
| 11)                         | L3 AR-1232-1    | 3.745  | 3.128 | 3600253  | 3275602  | 20.079  | 18.274   |
| 12)                         | L3 AR-1232-2    | 4.231  | 3.801 | 5948023  | 11509953 | 57.906  | 63.283   |
| 13)                         | L3 AR-1232-3    | 4.504  | 3.962 | 9747408  | 4984368  | 51.778  | 52.437   |
| 14)                         | L3 AR-1232-4    | 4.652  | 4.046 | 5188929  | 6050216  | 53.880  | 72.395 # |
| 15)                         | L3 AR-1232-5    | 4.749  | 4.205 | 4540990  | 5609799  | 69.390  | 59.746   |
| 16)                         | L4 AR-1242-1    | 4.485  | 3.785 | 6238208  | 5754578  | 30.389  | 29.207   |
| 17)                         | L4 AR-1242-2    | 4.504  | 3.801 | 9747408  | 11509953 | 29.140  | 37.365 # |
| 18)                         | L4 AR-1242-3    | 4.562  | 3.962 | 8469290  | 4984368  | 39.500  | 29.323 # |
| 19)                         | L4 AR-1242-4    | 4.652  | 4.046 | 5188929  | 6050216  | 30.184  | 37.086   |
| 20)                         | L4 AR-1242-5    | 5.322f | 4.541 | 959615   | 5079873  | 6.238   | 25.600 # |
| 21)                         | L5 AR-1248-1    | 4.485  | 3.785 | 6238208  | 5754578  | 38.725  | 37.087   |
| 22)                         | L5 AR-1248-2    | 4.749  | 4.009 | 4540990  | 4433581  | 19.475  | 18.092   |
| 23)                         | L5 AR-1248-3    | 4.936  | 4.046 | 4737923  | 6050216  | 17.077  | 25.474 # |
| 24)                         | L5 AR-1248-4    | 5.322  | 4.205 | 959615   | 5609799  | 3.445   | 19.468 # |
| 25)                         | L5 AR-1248-5    | 5.322f | 4.580 | 959615   | 1206224  | 3.532   | 4.512 #  |
| 26)                         | L6 AR-1254-1    | 5.297  | 4.541 | 3368063  | 5079873  | 10.932  | 11.966   |
| 27)                         | L6 AR-1254-2    | 5.514  | 4.688 | 3783656  | 3887163  | 8.037   | 10.318 # |
| 28)                         | L6 AR-1254-3    | 5.861  | 5.069 | 1979816  | 1958567  | 4.100   | 3.357    |
| 29)                         | L6 AR-1254-4    | 6.141  | 5.296 | 1404116  | 991676   | 4.452   | 2.924 #  |
| 30)                         | L6 AR-1254-5    | 6.548  | 5.699 | 11176694 | 12361876 | 30.816  | 23.587   |
| 31)                         | L7 AR-1260-1    | 6.026  | 5.198 | 8408822  | 9709311  | 24.534  | 24.237   |
| 32)                         | L7 AR-1260-2    | 6.281  | 5.387 | 8755835  | 11323684 | 23.325  | 24.255   |
| 33)                         | L7 AR-1260-3    | 6.632  | 5.528 | 6856573  | 10328897 | 22.759  | 23.220   |
| 34)                         | L7 AR-1260-4    | 6.846  | 5.990 | 7597305  | 9945542  | 23.279  | 25.361   |
| 35)                         | L7 AR-1260-5    | 7.152  | 6.234 | 13749370 | 21595671 | 23.559  | 26.056   |
| 36)                         | L8 AR-1262-1    | 6.846  | 5.742 | 7597305  | 10209336 | 17.599  | 17.812   |
| 37)                         | L8 AR-1262-2    | 7.152  | 5.990 | 13749370 | 9945542  | 19.139  | 18.818   |
| 38)                         | L8 AR-1262-3    | 7.426  | 6.511 | 8608915  | 5071608  | 17.929  | 12.581 # |
| 39)                         | L8 AR-1262-4    | 7.498  | 6.569 | 6032801  | 14693579 | 15.274  | 20.593 # |
| 40)                         | L8 AR-1262-5    | 7.994  | 7.061 | 3022519  | 4792124  | 14.023  | 14.416   |
| 41)                         | L9 AR-1268-1    | 7.426  | 6.511 | 8608915  | 5071608  | 9.911   | 4.407 #  |

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

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 ECD\_Q  
 ClientSampleId :  
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Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|        | Compound  | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml    |
|--------|-----------|-------|-------|---------|----------|--------|----------|
| 42) L9 | AR-1268-2 | 7.498 | 6.569 | 6032801 | 14693579 | 7.435  | 14.039 # |
| 43) L9 | AR-1268-3 | 7.682 | 6.774 | 733532  | 1305065  | 1.086  | 1.383 #  |
| 44) L9 | AR-1268-4 | 7.994 | 7.061 | 3022519 | 4792124  | 12.020 | 12.666   |
| 45) L9 | AR-1268-5 | 8.277 | 7.328 | 2238371 | 2274068  | 1.209  | 0.840 #  |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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