

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011423\  
 Data File : PQ060252.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jan 2023 10:15  
 Operator : YP\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 16 01:54:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ011323CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jan 14 01:31:33 2023  
 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... | 3.444 | 2.802 | 409.8E6  | 293.6E6  | 19.840  | 19.714    |
| 2)                          | SA Decachlor... | 8.593 | 7.561 | 485.0E6  | 411.7E6  | 44.673  | 36.559    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 4.541 | 3.805 | 11218742 | 6572065  | 16.838  | 13.542    |
| 4)                          | L1 AR-1016-2    | 4.562 | 3.822 | 15587584 | 7270924  | 15.697  | 9.900 #   |
| 5)                          | L1 AR-1016-3    | 4.618 | 3.981 | 7896729  | 3478423  | 12.719  | 8.950 #   |
| 6)                          | L1 AR-1016-4    | 4.709 | 4.028 | 7042953  | 123.1E6  | 13.547  | 406.769 # |
| 7)                          | L1 AR-1016-5    | 4.994 | 4.224 | 105.4E6  | 75548044 | 220.443 | 192.245   |
| 8)                          | L2 AR-1221-1    | 3.641 | 3.003 | 1185603  | 205820   | 4.753   | 1.142 #   |
| 9)                          | L2 AR-1221-2    | 3.722 | 3.072 | 7743704  | 4694554  | 45.321  | 38.049    |
| 10)                         | L2 AR-1221-3    | 3.792 | 3.149 | 3270307  | 2377845  | 6.116   | 5.901     |
| 11)                         | L3 AR-1232-1    | 3.792 | 3.149 | 3270307  | 2377845  | 6.258   | 5.925     |
| 12)                         | L3 AR-1232-2    | 4.285 | 3.822 | 6568702  | 7270924  | 23.909  | 19.173    |
| 13)                         | L3 AR-1232-3    | 4.562 | 3.981 | 15587584 | 3478423  | 29.157  | 21.045 #  |
| 14)                         | L3 AR-1232-4    | 4.709 | 4.064 | 7042953  | 37540545 | 24.636  | 254.403 # |
| 15)                         | L3 AR-1232-5    | 4.804 | 4.224 | 172.1E6  | 75548044 | 695.669 | 401.772 # |
| 16)                         | L4 AR-1242-1    | 4.541 | 3.805 | 11218742 | 6572065  | 19.053  | 16.104    |
| 17)                         | L4 AR-1242-2    | 4.562 | 3.822 | 15587584 | 7270924  | 17.941  | 11.833 #  |
| 18)                         | L4 AR-1242-3    | 4.618 | 3.981 | 7896729  | 3478423  | 14.608  | 10.692 #  |
| 19)                         | L4 AR-1242-4    | 4.709 | 4.064 | 7042953  | 37540545 | 15.425  | 124.959 # |
| 20)                         | L4 AR-1242-5    | 5.422 | 4.559 | 100.4E6  | 291.7E6  | 209.559 | 762.623 # |
| 21)                         | L5 AR-1248-1    | 4.541 | 3.805 | 11218742 | 6572065  | 24.345  | 20.608    |
| 22)                         | L5 AR-1248-2    | 4.804 | 4.028 | 172.1E6  | 123.1E6  | 288.687 | 274.155   |
| 23)                         | L5 AR-1248-3    | 4.994 | 4.064 | 105.4E6  | 37540545 | 146.562 | 83.636 #  |
| 24)                         | L5 AR-1248-4    | 5.383 | 4.224 | 154.6E6  | 75548044 | 188.527 | 138.052 # |
| 25)                         | L5 AR-1248-5    | 5.422 | 4.598 | 100.4E6  | 37546148 | 123.598 | 70.228 #  |
| 26)                         | L6 AR-1254-1    | 5.357 | 4.559 | 297.6E6  | 291.7E6  | 377.660 | 367.873   |
| 27)                         | L6 AR-1254-2    | 5.572 | 4.705 | 453.4E6  | 246.6E6  | 376.337 | 367.500   |
| 28)                         | L6 AR-1254-3    | 5.926 | 5.084 | 486.5E6  | 402.0E6  | 378.246 | 368.902   |
| 29)                         | L6 AR-1254-4    | 6.208 | 5.310 | 354.0E6  | 253.8E6  | 377.105 | 367.660   |
| 30)                         | L6 AR-1254-5    | 6.619 | 5.714 | 375.7E6  | 345.3E6  | 380.683 | 364.827   |
| 31)                         | L7 AR-1260-1    | 6.089 | 5.213 | 198.8E6  | 196.6E6  | 229.668 | 270.798   |
| 32)                         | L7 AR-1260-2    | 6.346 | 5.400 | 200.1E6  | 160.4E6  | 198.831 | 182.802   |
| 33)                         | L7 AR-1260-3    | 6.698 | 5.540 | 15891280 | 150.3E6  | 22.110  | 184.693 # |
| 34)                         | L7 AR-1260-4    | 6.895 | 6.003 | 149.3E6  | 16650728 | 185.498 | 24.674 #  |
| 35)                         | L7 AR-1260-5    | 7.224 | 6.248 | 47798458 | 40421968 | 30.642  | 26.047    |
| 36)                         | L8 AR-1262-1    | 6.698 | 5.778 | 15891280 | 28664086 | 14.111  | 30.105 #  |
| 37)                         | L8 AR-1262-2    | 7.224 | 6.248 | 47798458 | 40421968 | 24.934  | 23.936    |
| 38)                         | L8 AR-1262-3    | 7.504 | 6.523 | 39523996 | 2249489  | 31.972  | 3.368 #   |
| 39)                         | L8 AR-1262-4    | 7.575 | 6.581 | 1559357  | 40079030 | 1.652   | 32.134 #  |
| 40)                         | L8 AR-1262-5    | 8.075 | 7.079 | 2303789  | 3102230  | 3.796   | 5.353 #   |
| 41)                         | L9 AR-1268-1    | 7.504 | 6.523 | 39523996 | 2249489  | 13.786  | 0.864 #   |

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 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
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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 | 7.575 | 6.581 | 1559357 | 40079030 | 0.592 | 16.812 # |
| 43) L9 | AR-1268-3 | 7.757 | 6.789 | 2165341 | 1302728  | 0.991 | 0.637 #  |
| 44) L9 | AR-1268-4 | 8.075 | 7.079 | 2303789 | 3102230  | 2.506 | 3.572 #  |
| 45) L9 | AR-1268-5 | 8.363 | 7.345 | 3398297 | 6196712  | 0.518 | 0.991 #  |

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

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