

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0013020\  
 Data File : P0066085.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jan 2020 14:42  
 Operator : DD\AJ  
 Sample : PB126394BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB126394BSD

Manual Integrations  
 APPROVED

mohammad  
 1/31/2020 2:05:30 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 15:54:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0013020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jan 30 12:37:11 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.166 | 3.435 | 551089  | 922116  | 18.918   | 22.543m   |
| 2)                          | SA Decachlor... | 9.658 | 8.331 | 1043228 | 1637350 | 26.472   | 27.936    |
| Target Compounds            |                 |       |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.313 | 4.507 | 121815  | 502125  | 92.699   | 288.542 # |
| 4)                          | L1 AR-1016-2    | 5.337 | 4.507 | 135731  | 502125  | 69.121   | 182.084 # |
| 5)                          | L1 AR-1016-3    | 5.398 | 4.685 | 305308  | 61991   | 257.919  | 44.529 #  |
| 6)                          | L1 AR-1016-4    | 5.492 | 4.731 | 254454  | 393701  | 257.284  | 340.772 # |
| 7)                          | L1 AR-1016-5    | 5.779 | 4.931 | 352048  | 137784  | 347.987  | 92.381 #  |
| 8)                          | L2 AR-1221-1    | 4.389 | 3.596 | 61562   | 64960   | 172.855  | 128.467 # |
| 9)                          | L2 AR-1221-2    | 4.389 | 3.726 | 61562   | 174936  | 234.415  | 469.820 # |
| 10)                         | L2 AR-1221-3    | 4.539 | 3.798 | 185953  | 87525   | 212.692  | 73.191 #  |
| 11)                         | L3 AR-1232-1    | 4.539 | 3.798 | 185953  | 87525   | 274.571  | 94.217 #  |
| 12)                         | L3 AR-1232-2    | 5.023 | 4.507 | 121324  | 502125  | 291.088  | 453.246 # |
| 13)                         | L3 AR-1232-3    | 5.337 | 4.685 | 135731  | 61991   | 166.585  | 111.194 # |
| 14)                         | L3 AR-1232-4    | 5.492 | 4.789 | 254454  | 208731  | 621.643  | 432.491 # |
| 15)                         | L3 AR-1232-5    | 5.583 | 4.931 | 305937  | 137784  | 1117.226 | 267.145 # |
| 16)                         | L4 AR-1242-1    | 5.313 | 4.507 | 121815  | 502125  | 120.275  | 378.553 # |
| 17)                         | L4 AR-1242-2    | 5.313 | 4.507 | 121815  | 502125  | 82.176   | 236.805 # |
| 18)                         | L4 AR-1242-3    | 5.398 | 4.685 | 305308  | 61991   | 335.035  | 58.323 #  |
| 19)                         | L4 AR-1242-4    | 5.492 | 4.789 | 254454  | 208731  | 333.455  | 203.057 # |
| 20)                         | L4 AR-1242-5    | 6.232 | 5.282 | 155658  | 169815  | 167.833  | 122.805 # |
| 21)                         | L5 AR-1248-1    | 5.313 | 4.507 | 121815  | 502125  | 159.788  | 483.340 # |
| 22)                         | L5 AR-1248-2    | 5.583 | 4.731 | 305937  | 393701  | 282.158  | 265.000   |
| 23)                         | L5 AR-1248-3    | 5.779 | 4.789 | 352048  | 208731  | 288.307  | 139.599 # |
| 24)                         | L5 AR-1248-4    | 6.155 | 4.931 | 308636  | 137784  | 195.542  | 76.322 #  |
| 25)                         | L5 AR-1248-5    | 6.232 | 5.334 | 155658  | 126335  | 104.708  | 64.601 #  |
| 26)                         | L6 AR-1254-1    | 6.155 | 5.282 | 308636  | 169815  | 198.645  | 53.349 #  |
| 27)                         | L6 AR-1254-2    | 6.372 | 5.427 | 201052  | 90094   | 80.911   | 30.699 #  |
| 28)                         | L6 AR-1254-3    | 6.735 | 5.836 | 166121  | 131359  | 62.169   | 28.604 #  |
| 29)                         | L6 AR-1254-4    | 7.010 | 6.053 | 70730   | 135359  | 30.631   | 42.959 #  |
| 30)                         | L6 AR-1254-5    | 7.429 | 6.468 | 315154  | 600199  | 138.119  | 141.708   |
| 31)                         | L7 AR-1260-1    | 6.895 | 5.949 | 250306  | 394296  | 124.846  | 122.572   |
| 32)                         | L7 AR-1260-2    | 7.150 | 6.138 | 394480  | 337433  | 143.175  | 74.889 #  |
| 33)                         | L7 AR-1260-3    | 7.488 | 6.288 | 374457  | 320268  | 163.542  | 84.964 #  |
| 34)                         | L7 AR-1260-4    | 7.729 | 6.754 | 274481  | 366666  | 120.412  | 117.163   |
| 35)                         | L7 AR-1260-5    | 8.033 | 6.997 | 369852  | 594260  | 74.677   | 71.760    |
| 36)                         | L8 AR-1262-1    | 7.488 | 6.561 | 374457  | 638709  | 113.563  | 303.171 # |
| 37)                         | L8 AR-1262-2    | 8.033 | 6.997 | 369852  | 594260  | 67.855   | 62.796    |
| 38)                         | L8 AR-1262-3    | 8.331 | 7.276 | 174011  | 255238  | 48.357   | 66.320 #  |
| 39)                         | L8 AR-1262-4    | 8.381 | 7.339 | 98237   | 546480  | 36.100   | 83.152 #  |
| 40)                         | L8 AR-1262-5    | 8.995 | 7.832 | 71270   | 107314  | 37.503   | 38.048    |
| 41)                         | L9 AR-1268-1    | 8.331 | 7.276 | 174011  | 255238  | 25.216   | 21.256    |

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 ALS Vial : 6 Sample Multiplier: 1

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Integration File signal 1: autoint1.e  
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 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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 | 8.381 | 7.339 | 98237  | 546480 | 16.308 | 52.914 # |
| 43) L9 | AR-1268-3 | 8.531 | 7.568 | 100340 | 93293  | 19.331 | 10.707 # |
| 44) L9 | AR-1268-4 | 8.995 | 7.832 | 71270  | 107314 | 33.702 | 32.490   |
| 45) L9 | AR-1268-5 | 9.361 | 8.103 | 31777  | 44950  | 2.090  | 1.817    |

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

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