

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042425\  
 Data File : PL095364.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2025 12:36  
 Operator : AR\AJ  
 Sample : PB167688BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167688BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/25/2025  
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 01:43:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.600 | 2.903 | 68929619 | 59175750 | 21.114  | 18.610  |
| 28)                         | SA Decachlor... | 9.131 | 8.089 | 58983555 | 54785974 | 21.287  | 18.513  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.052 | 3.413 | 261.4E6  | 208.5E6  | 52.764  | 46.878  |
| 3)                          | MA gamma-BHC... | 4.382 | 3.747 | 250.2E6  | 205.2E6  | 52.842m | 46.646  |
| 4)                          | MA Heptachlor   | 4.982 | 4.102 | 237.2E6  | 195.2E6  | 51.846  | 44.804  |
| 5)                          | MB Aldrin       | 5.324 | 4.387 | 244.6E6  | 189.0E6  | 53.264  | 45.918  |
| 6)                          | B beta-BHC      | 4.570 | 4.041 | 108.7E6  | 97691827 | 52.555  | 47.061  |
| 7)                          | B delta-BHC     | 4.818 | 4.277 | 252.2E6  | 207.0E6  | 54.231m | 47.230  |
| 8)                          | B Heptachlo...  | 5.743 | 4.891 | 217.8E6  | 176.2E6  | 54.384m | 45.620  |
| 9)                          | A Endosulfan I  | 6.128 | 5.264 | 201.1E6  | 169.5E6  | 52.957  | 46.297  |
| 10)                         | B gamma-Chl...  | 5.999 | 5.142 | 222.2E6  | 188.0E6  | 54.471  | 46.397m |
| 11)                         | B alpha-Chl...  | 6.080 | 5.209 | 217.9E6  | 183.5E6  | 53.591  | 46.106  |
| 12)                         | B 4,4'-DDE      | 6.248 | 5.395 | 208.5E6  | 187.5E6  | 53.188m | 46.097  |
| 13)                         | MA Dieldrin     | 6.402 | 5.530 | 206.2E6  | 185.5E6  | 53.491  | 45.609  |
| 14)                         | MA Endrin       | 6.628 | 5.805 | 152.4E6  | 150.9E6  | 47.848  | 41.440  |
| 15)                         | B Endosulfa...  | 6.841 | 6.095 | 174.2E6  | 167.1E6  | 54.583  | 46.540  |
| 16)                         | A 4,4'-DDD      | 6.758 | 5.948 | 160.6E6  | 157.8E6  | 56.734  | 48.308  |
| 17)                         | MA 4,4'-DDT     | 7.073 | 6.202 | 138.6E6  | 143.6E6  | 48.653m | 41.783  |
| 18)                         | B Endrin al...  | 6.970 | 6.274 | 128.9E6  | 126.1E6  | 55.529  | 48.256  |
| 19)                         | B Endosulfa...  | 7.203 | 6.497 | 146.5E6  | 153.2E6  | 52.280  | 46.182  |
| 20)                         | A Methoxychlor  | 7.545 | 6.773 | 63868325 | 75716296 | 45.779  | 39.695  |
| 21)                         | B Endrin ke...  | 7.685 | 7.003 | 153.1E6  | 174.3E6  | 53.716  | 49.490  |
| 22)                         | Mirex           | 8.167 | 7.199 | 120.3E6  | 134.5E6  | 50.645  | 46.656m |
| -----                       |                 |       |       |          |          |         |         |

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

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