

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011425\  
 Data File : PL093659.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jan 2025 14:25  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/15/2025  
 Supervised By :Ankita Jodhani 01/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 15 02:12:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractions  
 QLast Update : Tue Dec 24 15:29:41 2024  
 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... | 3.538 | 2.775 | 122.6E6  | 148.0E6  | 49.531  | 50.830 |
| 28)                         | SA Decachlor... | 9.056 | 7.912 | 90491145 | 142.6E6  | 48.940  | 47.772 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.277 | 174.3E6  | 223.6E6  | 50.481  | 51.442 |
| 3)                          | MA gamma-BHC... | 4.327 | 3.607 | 167.1E6  | 215.3E6  | 50.965  | 51.017 |
| 4)                          | MA Heptachlor   | 4.915 | 3.946 | 143.8E6  | 202.6E6  | 49.107  | 48.750 |
| 5)                          | MB Aldrin       | 5.256 | 4.226 | 147.4E6  | 207.6E6  | 50.663  | 50.615 |
| 6)                          | B beta-BHC      | 4.525 | 3.907 | 73476112 | 90927782 | 50.969  | 50.586 |
| 7)                          | B delta-BHC     | 4.773 | 4.137 | 160.6E6  | 217.9E6  | 52.455  | 51.538 |
| 8)                          | B Heptachlo...  | 5.684 | 4.729 | 130.9E6  | 189.9E6  | 49.691  | 49.601 |
| 9)                          | A Endosulfan I  | 6.069 | 5.098 | 117.2E6  | 167.5E6  | 49.689  | 47.932 |
| 10)                         | B gamma-Chl...  | 5.940 | 4.979 | 124.8E6  | 192.7E6  | 49.644  | 50.002 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.042 | 125.3E6  | 189.2E6  | 50.047  | 49.704 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.231 | 115.0E6  | 186.8E6  | 51.239  | 50.811 |
| 13)                         | MA Dieldrin     | 6.344 | 5.362 | 124.4E6  | 191.8E6  | 49.866  | 49.776 |
| 14)                         | MA Endrin       | 6.573 | 5.638 | 100.5E6  | 160.9E6  | 46.681m | 48.638 |
| 15)                         | B Endosulfa...  | 6.794 | 5.933 | 107.2E6  | 166.2E6  | 47.174  | 51.150 |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.786 | 93936360 | 155.1E6  | 53.496m | 54.804 |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.036 | 88461381 | 141.4E6  | 47.855  | 46.828 |
| 18)                         | B Endrin al...  | 6.924 | 6.112 | 87658009 | 132.8E6  | 49.398  | 49.307 |
| 19)                         | B Endosulfa...  | 7.159 | 6.335 | 100.4E6  | 156.6E6  | 49.748  | 49.639 |
| 20)                         | A Methoxychlor  | 7.500 | 6.612 | 48993445 | 73922747 | 49.009  | 45.925 |
| 21)                         | B Endrin ke...  | 7.644 | 6.840 | 113.9E6  | 185.5E6  | 50.762  | 50.953 |
| 22)                         | Mirex           | 8.117 | 7.020 | 89512727 | 143.6E6  | 47.901  | 46.982 |
| -----                       |                 |       |       |          |          |         |        |

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

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ECD\_L

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