

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071521\  
 Data File : PL068138.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2021 22:24  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 04:47:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071521.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 15 04:04:16 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 15% Max. Rel. Area : 150%

|       | Compound             | Amount | Calc.  | %Dev | Area% | Dev(Min) |
|-------|----------------------|--------|--------|------|-------|----------|
| 1 SA  | Tetrachloro-m-xylene | 50.000 | 53.087 | -6.2 | 109   | 0.00     |
| 2 A   | alpha-BHC            | 50.000 | 53.432 | -6.9 | 108   | 0.00     |
| 3 MA  | gamma-BHC (Lindane)  | 50.000 | 53.923 | -7.8 | 110   | 0.00     |
| 4 MA  | Heptachlor           | 50.000 | 52.405 | -4.8 | 108   | 0.00     |
| 5 MB  | Aldrin               | 50.000 | 53.133 | -6.3 | 108   | 0.00     |
| 6 B   | beta-BHC             | 50.000 | 51.552 | -3.1 | 111   | 0.00     |
| 7 B   | delta-BHC            | 50.000 | 54.174 | -8.3 | 109   | 0.00     |
| 8 B   | Heptachlor epoxide   | 50.000 | 51.087 | -2.2 | 105   | 0.00     |
| 9 A   | Endosulfan I         | 50.000 | 47.632 | 4.7  | 98    | 0.00     |
| 10 B  | gamma-Chlordane      | 50.000 | 48.700 | 2.6  | 101   | 0.00     |
| 11 B  | alpha-Chlordane      | 50.000 | 48.389 | 3.2  | 100   | 0.00     |
| 12 B  | 4,4'-DDE             | 50.000 | 47.331 | 5.3  | 96    | 0.00     |
| 13 MA | Dieldrin             | 50.000 | 46.967 | 6.1  | 96    | 0.00     |
| 14 MA | Endrin               | 50.000 | 44.476 | 11.0 | 93    | 0.00     |
| 15 B  | Endosulfan II        | 50.000 | 45.289 | 9.4  | 94    | 0.00     |
| 16 A  | 4,4'-DDD             | 50.000 | 45.850 | 8.3  | 92    | 0.00     |
| 17 MA | 4,4'-DDT             | 50.000 | 44.468 | 11.1 | 90    | 0.00     |
| 18 B  | Endrin aldehyde      | 50.000 | 45.075 | 9.8  | 93    | 0.00     |
| 19 B  | Endosulfan Sulfate   | 50.000 | 43.970 | 12.1 | 91    | 0.00     |
| 20 A  | Methoxychlor         | 50.000 | 44.378 | 11.2 | 91    | 0.00     |
| 21 B  | Endrin ketone        | 50.000 | 44.020 | 12.0 | 90    | 0.00     |
| 22    | Mirex                | 50.000 | 44.745 | 10.5 | 91    | 0.00     |
| 28 SA | Decachlorobiphenyl   | 50.000 | 42.751 | 14.5 | 90    | 0.00     |

## Signal #2

|       |                      |        |        |      |     |      |
|-------|----------------------|--------|--------|------|-----|------|
| 1 SA  | Tetrachloro-m-xylene | 50.000 | 50.599 | -1.2 | 103 | 0.00 |
| 2 A   | alpha-BHC            | 50.000 | 51.622 | -3.2 | 104 | 0.00 |
| 3 MA  | gamma-BHC (Lindane)  | 50.000 | 51.302 | -2.6 | 103 | 0.00 |
| 4 MA  | Heptachlor           | 50.000 | 51.031 | -2.1 | 103 | 0.00 |
| 5 MB  | Aldrin               | 50.000 | 49.789 | 0.4  | 103 | 0.00 |
| 6 B   | beta-BHC             | 50.000 | 46.512 | 7.0  | 102 | 0.00 |
| 7 B   | delta-BHC            | 50.000 | 52.343 | -4.7 | 103 | 0.00 |
| 8 B   | Heptachlor epoxide   | 50.000 | 50.197 | -0.4 | 103 | 0.00 |
| 9 A   | Endosulfan I         | 50.000 | 49.967 | 0.1  | 102 | 0.00 |
| 10 B  | gamma-Chlordane      | 50.000 | 49.902 | 0.2  | 102 | 0.00 |
| 11 B  | alpha-Chlordane      | 50.000 | 49.882 | 0.2  | 102 | 0.00 |
| 12 B  | 4,4'-DDE             | 50.000 | 50.699 | -1.4 | 103 | 0.00 |
| 13 MA | Dieldrin             | 50.000 | 50.442 | -0.9 | 103 | 0.00 |
| 14 MA | Endrin               | 50.000 | 50.238 | -0.5 | 102 | 0.00 |
| 15 B  | Endosulfan II        | 50.000 | 49.548 | 0.9  | 102 | 0.00 |

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 15% Max. Rel. Area : 150%

|       | Compound           | Amount | Calc.  | %Dev | Area% | Dev(Min) |
|-------|--------------------|--------|--------|------|-------|----------|
| 16 A  | 4,4'-DDD           | 50.000 | 50.129 | -0.3 | 103   | 0.00     |
| 17 MA | 4,4'-DDT           | 50.000 | 49.988 | 0.0  | 102   | 0.00     |
| 18 B  | Endrin aldehyde    | 50.000 | 49.122 | 1.8  | 102   | 0.00     |
| 19 B  | Endosulfan Sulfate | 50.000 | 49.494 | 1.0  | 103   | 0.00     |
| 20 A  | Methoxychlor       | 50.000 | 49.534 | 0.9  | 102   | 0.00     |
| 21 B  | Endrin ketone      | 50.000 | 49.392 | 1.2  | 103   | 0.00     |
| 22    | Mirex              | 50.000 | 48.848 | 2.3  | 103   | 0.00     |
| 28 SA | Decachlorobiphenyl | 50.000 | 49.076 | 1.8  | 103   | 0.00     |

## Evaluate Continuing Calibration Report - Not Found

|    |             |         |       |        |   |        |
|----|-------------|---------|-------|--------|---|--------|
| 23 | Chlordane-1 | 500.000 | 0.000 | 100.0# | 0 | -5.99# |
| 24 | Chlordane-2 | 500.000 | 0.000 | 100.0# | 0 | -6.67# |
| 25 | Chlordane-3 | 500.000 | 0.000 | 100.0# | 0 | -7.38# |
| 26 | Chlordane-4 | 500.000 | 0.000 | 100.0# | 0 | -7.45# |
| 27 | Chlordane-5 | 500.000 | 0.000 | 100.0# | 0 | -8.40# |

## Signal #2

|    |             |         |       |        |   |        |
|----|-------------|---------|-------|--------|---|--------|
| 23 | Chlordane-1 | 500.000 | 0.000 | 100.0# | 0 | -6.97# |
| 24 | Chlordane-2 | 500.000 | 0.000 | 100.0# | 0 | -7.56# |
| 25 | Chlordane-3 | 500.000 | 0.000 | 100.0# | 0 | -8.32# |
| 26 | Chlordane-4 | 500.000 | 0.000 | 100.0# | 0 | -8.40# |
| 27 | Chlordane-5 | 500.000 | 0.000 | 100.0# | 0 | -9.29# |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0