

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031621\  
 Data File : PL065344.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2021 19:57  
 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: Mar 17 05:40:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 17 04:35:29 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 | 50.406 | -0.8 | 101   | 0.00     |
| 2 A   | alpha-BHC            | 50.000 | 51.263 | -2.5 | 101   | 0.00     |
| 3 MA  | gamma-BHC (Lindane)  | 50.000 | 50.715 | -1.4 | 101   | 0.00     |
| 4 MA  | Heptachlor           | 50.000 | 50.342 | -0.7 | 99    | 0.00     |
| 5 MB  | Aldrin               | 50.000 | 51.024 | -2.0 | 101   | 0.00     |
| 6 B   | beta-BHC             | 50.000 | 50.319 | -0.6 | 101   | 0.00     |
| 7 B   | delta-BHC            | 50.000 | 51.249 | -2.5 | 101   | 0.00     |
| 8 B   | Heptachlor epoxide   | 50.000 | 50.305 | -0.6 | 101   | 0.00     |
| 9 A   | Endosulfan I         | 50.000 | 50.440 | -0.9 | 101   | 0.00     |
| 10 B  | gamma-Chlordane      | 50.000 | 50.499 | -1.0 | 101   | 0.00     |
| 11 B  | alpha-Chlordane      | 50.000 | 50.437 | -0.9 | 101   | 0.00     |
| 12 B  | 4,4'-DDE             | 50.000 | 51.065 | -2.1 | 101   | 0.00     |
| 13 MA | Dieldrin             | 50.000 | 50.839 | -1.7 | 101   | 0.00     |
| 14 MA | Endrin               | 50.000 | 48.258 | 3.5  | 96    | 0.00     |
| 15 B  | Endosulfan II        | 50.000 | 50.294 | -0.6 | 102   | 0.00     |
| 16 A  | 4,4'-DDD             | 50.000 | 53.566 | -7.1 | 105   | 0.00     |
| 17 MA | 4,4'-DDT             | 50.000 | 49.941 | 0.1  | 96    | 0.00     |
| 18 B  | Endrin aldehyde      | 50.000 | 50.036 | -0.1 | 101   | 0.00     |
| 19 B  | Endosulfan Sulfate   | 50.000 | 50.021 | -0.0 | 100   | 0.00     |
| 20 A  | Methoxychlor         | 50.000 | 49.512 | 1.0  | 97    | 0.00     |
| 21 B  | Endrin ketone        | 50.000 | 51.751 | -3.5 | 102   | 0.00     |
| 22    | Mirex                | 50.000 | 49.995 | 0.0  | 101   | 0.00     |
| 28 SA | Decachlorobiphenyl   | 50.000 | 49.638 | 0.7  | 101   | 0.00     |

## Signal #2

|       |                      |        |        |      |     |      |
|-------|----------------------|--------|--------|------|-----|------|
| 1 SA  | Tetrachloro-m-xylene | 50.000 | 49.159 | 1.7  | 99  | 0.00 |
| 2 A   | alpha-BHC            | 50.000 | 49.658 | 0.7  | 99  | 0.00 |
| 3 MA  | gamma-BHC (Lindane)  | 50.000 | 48.947 | 2.1  | 98  | 0.00 |
| 4 MA  | Heptachlor           | 50.000 | 48.678 | 2.6  | 99  | 0.00 |
| 5 MB  | Aldrin               | 50.000 | 49.465 | 1.1  | 99  | 0.00 |
| 6 B   | beta-BHC             | 50.000 | 51.434 | -2.9 | 100 | 0.00 |
| 7 B   | delta-BHC            | 50.000 | 50.215 | -0.4 | 101 | 0.00 |
| 8 B   | Heptachlor epoxide   | 50.000 | 49.332 | 1.3  | 100 | 0.00 |
| 9 A   | Endosulfan I         | 50.000 | 49.110 | 1.8  | 99  | 0.00 |
| 10 B  | gamma-Chlordane      | 50.000 | 49.210 | 1.6  | 99  | 0.00 |
| 11 B  | alpha-Chlordane      | 50.000 | 49.177 | 1.6  | 99  | 0.00 |
| 12 B  | 4,4'-DDE             | 50.000 | 49.622 | 0.8  | 99  | 0.00 |
| 13 MA | Dieldrin             | 50.000 | 49.453 | 1.1  | 99  | 0.00 |
| 14 MA | Endrin               | 50.000 | 48.007 | 4.0  | 95  | 0.00 |
| 15 B  | Endosulfan II        | 50.000 | 49.492 | 1.0  | 99  | 0.00 |

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 Max. RRF Dev : 15% Max. Rel. Area : 150%

|       | Compound           | Amount | Calc.  | %Dev | Area% | Dev(Min) |
|-------|--------------------|--------|--------|------|-------|----------|
| 16 A  | 4,4'-DDD           | 50.000 | 49.482 | 1.0  | 101   | 0.00     |
| 17 MA | 4,4'-DDT           | 50.000 | 49.024 | 2.0  | 95    | 0.00     |
| 18 B  | Endrin aldehyde    | 50.000 | 49.755 | 0.5  | 100   | 0.00     |
| 19 B  | Endosulfan Sulfate | 50.000 | 48.698 | 2.6  | 99    | 0.00     |
| 20 A  | Methoxychlor       | 50.000 | 48.241 | 3.5  | 95    | 0.00     |
| 21 B  | Endrin ketone      | 50.000 | 49.879 | 0.2  | 101   | 0.00     |
| 22    | Mirex              | 50.000 | 49.181 | 1.6  | 99    | 0.00     |
| 28 SA | Decachlorobiphenyl | 50.000 | 49.605 | 0.8  | 99    | 0.00     |

## Evaluate Continuing Calibration Report - Not Found

|    |             |         |       |        |   |        |
|----|-------------|---------|-------|--------|---|--------|
| 23 | Chlordane-1 | 500.000 | 0.000 | 100.0# | 0 | -4.13# |
| 24 | Chlordane-2 | 500.000 | 0.000 | 100.0# | 0 | -4.62# |
| 25 | Chlordane-3 | 500.000 | 0.000 | 100.0# | 0 | -5.17# |
| 26 | Chlordane-4 | 500.000 | 0.000 | 100.0# | 0 | -5.22# |
| 27 | Chlordane-5 | 500.000 | 0.000 | 100.0# | 0 | -6.04# |

## Signal #2

|    |             |         |       |        |   |        |
|----|-------------|---------|-------|--------|---|--------|
| 23 | Chlordane-1 | 500.000 | 0.000 | 100.0# | 0 | -4.86# |
| 24 | Chlordane-2 | 500.000 | 0.000 | 100.0# | 0 | -5.33# |
| 25 | Chlordane-3 | 500.000 | 0.000 | 100.0# | 0 | -5.97# |
| 26 | Chlordane-4 | 500.000 | 0.000 | 100.0# | 0 | -6.04# |
| 27 | Chlordane-5 | 500.000 | 0.000 | 100.0# | 0 | -6.85# |

(#) = Out of Range

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