Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072422\
Data File : PD071130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2022 11:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 07/25/2022
Supervised By :Ankita Jodhani 07/25/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 17:09:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.476 | 4.125 | 74335784 | 711.1E6 | 25.652 | 24.595 |
| 28) | SA Decachlor... | 8.244 | 9.322 | 61674481 | 212.4E6 | 20.186m | 18.620 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.916 | 4.530 | 48276053 | 478.7E6 | 11.004m | 12.629 |
| 3) | MA gamma-BHC... | 4.200 | 4.823 | 46038585 | 360.5E6 | 10.603m | 12.069 |
| 6) | B beta-BHC | 4.452 | 5.000 | 19461718 | 185.4E6 | 11.644 | 13.824 |
| 12) | B 4,4'-DDE | 5.645 | 6.506 | 655416 | 2676678 | 0.186 | 0.178 |
| 14) | MA Endrin | 6.036 | 6.896 | 168.2E6 | 561.0E6 | 53.879m | 54.083 |
| 16) | A 4,4'-DDD | 6.164 | 7.011 | 6170322 | 19974346 | 2.102m | 1.606m |
| 17) | MA 4,4'-DDT | 6.405 | 7.313 | 315.3E6 | 1149.5E6 | 103.006m | 85.828 |
| 18) | B Endrin al... | 6.478 | 7.236 | 6797238 | 22396274 | 2.834m | 2.221m |
| 20) | A Methoxychlor | 6.955 | 7.773 | 445.8E6 | 1368.0E6 | 269.669m | 199.077 # |
| 21) | B Endrin ke... | 7.186 | 7.942 | 13172225 | 36289079 | 3.803m | 2.622m# |

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
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Reviewed By :Abdul Mirza 07/25/2022
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