Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
Data File : PL086097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 08:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 11:01:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.355 | 2.621 | 55286674 | 15851507 | 18.589 | 16.970 |
| 28) | SA Decachlor... | 8.856 | 7.772 | 47561481 | 19650835 | 21.837 | 21.291 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.808 | 3.119 | 37233107 | 9796060 | 8.675m | 7.786 |
| 3) | MA gamma-BHC... | 4.140 | 3.445 | 36229020 | 9339667 | 8.765m | 7.573m |
| 6) | B beta-BHC | 4.343 | 3.749 | 16859057 | 5369743 | 10.195 | 10.315 |
| 12) | B 4,4'-DDE | 6.016 | 5.080 | 907833 | 134201 | 0.325m | 0.163m# |
| 14) | MA Endrin | 6.387 | 5.471 | 128.7E6 | 43477991 | 45.149 | 48.362 |
| 16) | A 4,4'-DDD | 6.536 | 5.635 | 2777240 | 850302 | 1.379m | 1.222 |
| 17) | MA 4,4'-DDT | 6.852 | 5.885 | 240.6E6 | 84051065 | 102.058 | 106.292 |
| 18) | B Endrin al... | 6.742 | 5.950 | 2938236 | 2699040 | 1.450 | 3.619 # |
| 20) | A Methoxychlor | 7.337 | 6.470 | 322.8E6 | 120.3E6 | 231.105 | 228.690 |
| 21) | B Endrin ke... | 7.459 | 6.676 | 9234428 | 3013266 | 3.206 | 2.622 |

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

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