Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 08:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:33:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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 x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.544 | 2.762 | 40671604 | 23344695 | 17.186 | 17.138 | |
| 28) | SA Decachlor... | 9.088 | 7.905 | 51362683 | 25171524 | 18.744 | 17.589 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.000 | 3.264 | 31648290 | 16552957 | 8.242 | 8.557 | |
| 3) | MA gamma-BHC... | 4.334 | 3.594 | 30266853 | 15005538 | 8.223 | 8.066 | |
| 6) | B beta-BHC | 4.531 | 3.891 | 13998035 | 7444469 | 9.302 | 9.758 | |
| 12) | B 4,4'-DDE | 6.204 | 5.221 | 489837 | 441152 | 0.165m | 0.304 | # |
| 14) | MA Endrin | 6.589 | 5.627 | 111.2E6 | 58164609 | 40.036 | 39.751 | |
| 16) | A 4,4'-DDD | 6.724 | 5.776 | 1490971 | 865279 | 0.634 | 0.778 | |
| 17) | MA 4,4'-DDT | 7.038 | 6.026 | 224.1E6 | 110.1E6 | 92.180 | 99.080 | |
| 18) | B Endrin al... | 6.940 | 6.101 | 2799191 | 2488485 | 1.281 | 2.186 | # |
| 20) | A Methoxychlor | 7.515 | 6.601 | 300.5E6 | 124.3E6 | 212.060 | 207.960 | |
| 21) | B Endrin ke... | 7.661 | 6.829 | 5980358 | 3441643 | 1.986 | 2.171 | |

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

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