Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031022\
Data File : PQ056478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2022 14:08
Operator : YP\AJ
Sample : N1645-01
Misc : AR1268 LOD 40 PPB
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-SOIL-01-QT1-2022

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 03/11/2022
Supervised By :Ankita Jodhani 03/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 22:58:48 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ030822.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 09 03:41:18 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.677 | 3.846 | 266.0E6 | 241.1E6 | 20.282 | 19.208 |
| 2) | SA Decachlor... | 10.583 | 8.835 | 395.9E6 | 215.8E6 | 24.927 | 22.679 |
| | Target Compounds | | | | | | |
| 41) | L9 AR-1268-1 | 8.986 | 7.716 | 95040246 | 60360231 | 47.212m | 39.911 |
| 42) | L9 AR-1268-2 | 9.088 | 7.781 | 97002782 | 57264874 | 46.671m | 40.652 |
| 43) | L9 AR-1268-3 | 9.326 | 7.985 | 88429353 | 48797458 | 47.703m | 40.846 |
| 44) | L9 AR-1268-4 | 9.793 | 8.280 | 30849659 | 19547845 | 43.594 | 46.003 |
| 45) | L9 AR-1268-5 | 10.229 | 8.578 | 246.1E6 | 129.8E6 | 45.063 | 38.984 |

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

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