Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
Data File : FC063309.D
Signal(s) : FID1A.ch
Acq On : 06 Apr 2023 20:25
Operator : YP/AJ
Sample : 02213-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
LOD-MDL-SOIL-01-QT2-2023

Integration File: autoint1.e
Quant Time: Apr 07 06:35:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 07:22:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | **System Monitoring Compounds** | | | |
| 12) S | 1-chlorooctadecane (S... | 12.968 | 5057114 | 45.705 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 91.41% |
| | **Target Compounds** | | | |
| 1) T | n-Nonane (C9) | 3.299 | 155747 | 1.109 ug/ml |
| 2) T | n-Decane (C10) | 4.366 | 176231 | 1.293 ug/ml |
| 4) T | n-Dodecane (C12) | 6.384 | 202931 | 1.508 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.178 | 207673 | 1.534 ug/ml |
| 7) T | n-Hexadecane (C16) | 9.778 | 194766 | 1.434 ug/ml |
| 8) T | n-Octadecane (C18) | 11.218 | 300778 | 2.171 ug/ml |
| 10) T | n-Eicosane (C20) | 12.524 | 294770 | 2.194 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.135 | 254027 | 1.887 ug/ml |
| 13) T | n-Docosane (C22) | 13.721 | 263850 | 1.979 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.822 | 275620 | 2.050 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.840 | 267890 | 2.001 ug/ml |
| 16) T | n-Octacosane (C28) | 16.785 | 271401 | 2.004 ug/ml |
| 17) T | n-Tricontane (C30) | 17.671 | 337184 | 2.437 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.499 | 414414 | 2.935 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.279 | 337815 | 2.448 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.018 | 258065 | 2.019 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.745 | 268600 | 2.181 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.635 | 391223 | 3.324 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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