Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
Data File : FD047214.D
Signal(s) : FID2B.ch
Acq On : 09 Feb 2024 02:10
Operator : YP/AJ
Sample : P1187-01
Misc : AL LOD 2.5 PPM
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Integration File: autoint1.e
Quant Time: Feb 09 05:36:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Fri Feb 09 05:31:04 2024
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...	12.794	5664786	40.929 ug/ml
Spiked Amount	50.000		Recovery =	81.86%
	Target Compounds			
1) T	n-Nonane (C9)	3.199	258350	1.651 ug/ml
2) T	n-Decane (C10)	4.250	328183	2.053 ug/ml
4) T	n-Dodecane (C12)	6.249	517852	3.193 ug/ml
6) T	n-Tetradecane (C14)	8.030	420494	2.599 ug/ml
7) T	n-Hexadecane (C16)	9.621	427965	2.554 ug/ml
8) T	n-Octadecane (C18)	11.052	483787	2.843 ug/ml
10) T	n-Eicosane (C20)	12.352	512111	3.112 ug/ml
11) T	n-Heneicosane (C21)	12.960	501142	3.090 ug/ml
13) T	n-Docosane (C22)	13.541	524741	3.260 ug/ml
14) T	n-Tetracosane (C24)	14.636	563642	3.539 ug/ml
15) T	n-Hexacosane (C26)	15.649	537370	3.461 ug/ml
16) T	n-Octacosane (C28)	16.591	545625	3.645 ug/ml
17) T	n-Tricontane (C30)	17.472	573346	3.874 ug/ml
18) T	n-Dotriacontane (C32)	18.297	537457	3.811 ug/ml
19) T	n-Tetratriacontane (C34)	19.074	487582	3.684 ug/ml
20) T	n-Hexatriacontane (C36)	19.808	457438	3.677 ug/ml
21) T	n-Octatriacontane (C38)	20.505	478929	4.003 ug/ml
22) T	n-Tetracontane (C40)	21.311	500408	4.324 ug/ml

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

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