Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
Data File : FG015186.D
Signal(s) : FID1A.ch
Acq On : 28 Jan 2025 17:17
Operator : YP\AJ
Sample : Q1168-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Integration File: autoint1.e
Quant Time: Jan 29 02:35:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
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...	13.384	4142613	34.022 ug/ml
Spiked Amount	50.000		Recovery =	68.04%
	Target Compounds			
1) T	n-Nonane (C9)	3.280	180301	1.389 ug/ml
2) T	n-Decane (C10)	4.540	212677	1.600 ug/ml
4) T	n-Dodecane (C12)	6.720	278094	2.046 ug/ml
6) T	n-Tetradecane (C14)	8.556	265820	1.933 ug/ml
7) T	n-Hexadecane (C16)	10.170	255622	1.764 ug/ml
8) T	n-Octadecane (C18)	11.619	277343	1.866 ug/ml
10) T	n-Eicosane (C20)	12.934	273528	1.906 ug/ml
11) T	n-Heneicosane (C21)	13.550	262115	1.854 ug/ml
13) T	n-Docosane (C22)	14.140	264876	1.884 ug/ml
14) T	n-Tetracosane (C24)	15.246	257296	1.849 ug/ml
15) T	n-Hexacosane (C26)	16.271	251050	1.853 ug/ml
16) T	n-Octacosane (C28)	17.224	246568	1.874 ug/ml
17) T	n-Tricontane (C30)	18.114	255567	1.927 ug/ml
18) T	n-Dotriacontane (C32)	18.949	257964	2.045 ug/ml
19) T	n-Tetratriacontane (C34)	19.734	247296	2.271 ug/ml
20) T	n-Hexatriacontane (C36)	20.477	230900	2.473 ug/ml
21) T	n-Octatriacontane (C38)	21.225	233219	2.658 ug/ml
22) T	n-Tetracontane (C40)	22.161	264034	3.115 ug/ml

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

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