Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
Data File : FG012153.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2023 12:17
Operator : YP\AJ
Sample : 02213-07
Misc : 2.5 PPM WATER LOD
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
Quant Time: Jun 13 01:17:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:59:06 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...	12.353	5063102	42.697 ug/ml
Spiked Amount	50.000		Recovery =	85.39%
	Target Compounds			
1) T	n-Nonane (C9)	2.752	158594	1.377 ug/ml
2) T	n-Decane (C10)	3.761	212362	1.800 ug/ml
4) T	n-Dodecane (C12)	5.752	262859	2.192 ug/ml
6) T	n-Tetradecane (C14)	7.546	246755	2.032 ug/ml
7) T	n-Hexadecane (C16)	9.149	270422	2.083 ug/ml
8) T	n-Octadecane (C18)	10.592	314219	2.308 ug/ml
10) T	n-Eicosane (C20)	11.903	324050	2.401 ug/ml
11) T	n-Heneicosane (C21)	12.516	288777	2.148 ug/ml
13) T	n-Docosane (C22)	13.103	322621	2.388 ug/mlm
14) T	n-Tetracosane (C24)	14.209	314701	2.312 ug/mlm
15) T	n-Hexacosane (C26)	15.234	292285	2.185 ug/ml
16) T	n-Octacosane (C28)	16.186	291201	2.231 ug/ml
17) T	n-Tricontane (C30)	17.076	324080	2.457 ug/ml
18) T	n-Dotriacontane (C32)	17.911	347945	2.708 ug/ml
19) T	n-Tetratriacontane (C34)	18.699	331612	2.706 ug/ml
20) T	n-Hexatriacontane (C36)	19.440	288628	2.481 ug/ml
21) T	n-Octatriacontane (C38)	20.183	248058	2.208 ug/ml
22) T	n-Tetracontane (C40)	21.100	280472	2.603 ug/mlm

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

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