Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
Data File : FC063001.D
Signal(s) : FID1A.ch
Acq On : 23 Feb 2023 17:57
Operator : YP/AJ
Sample : 01627-07
Misc : 4 PPM WATER LOD
ALS Vial : 60 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e
Quant Time: Feb 24 05:30:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
Quant Title : GC Extractables
QLast Update : Wed Feb 22 04:36:00 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...	12.978	4959631	50.843 ug/ml
Spiked Amount	50.000		Recovery =	101.69%
	Target Compounds			
1) T	n-Nonane (C9)	3.295	258659	2.182 ug/ml
2) T	n-Decane (C10)	4.362	316096	2.741 ug/ml
4) T	n-Dodecane (C12)	6.382	390580	3.382 ug/ml
6) T	n-Tetradecane (C14)	8.178	362289	3.206 ug/ml
7) T	n-Hexadecane (C16)	9.780	385738	3.353 ug/ml
8) T	n-Octadecane (C18)	11.222	417093	3.581 ug/ml
10) T	n-Eicosane (C20)	12.531	432617	3.797 ug/ml
11) T	n-Heneicosane (C21)	13.143	410440	3.601 ug/ml
13) T	n-Docosane (C22)	13.728	427202	3.788 ug/ml
14) T	n-Tetracosane (C24)	14.828	468405	4.180 ug/mlm
15) T	n-Hexacosane (C26)	15.847	417363	3.774 ug/ml
16) T	n-Octacosane (C28)	16.796	411959	3.744 ug/ml
17) T	n-Tricontane (C30)	17.685	430177	3.906 ug/ml
18) T	n-Dotriacontane (C32)	18.514	442382	3.964 ug/ml
19) T	n-Tetratriacontane (C34)	19.296	433961	3.883 ug/ml
20) T	n-Hexatriacontane (C36)	20.034	414998	3.823 ug/ml
21) T	n-Octatriacontane (C38)	20.763	413893	3.809 ug/ml
22) T	n-Tetracontane (C40)	21.660	393921	3.621 ug/ml

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

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