Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
Data File : FD046694.D
Signal(s) : FID2B.ch
Acq On : 09 Oct 2023 17:09
Operator : YP/AJ
Sample : 04699-07
Misc : 4PPM WATER LOD
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
Quant Time: Oct 09 23:47:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Fri Sep 15 05:12:31 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...	12.817	5304188	33.661 ug/ml
Spiked Amount	50.000		Recovery =	67.32%
	Target Compounds			
1) T	n-Nonane (C9)	3.216	316034	1.911 ug/ml
2) T	n-Decane (C10)	4.268	400466	2.376 ug/ml
4) T	n-Dodecane (C12)	6.268	522177	3.074 ug/ml
6) T	n-Tetradecane (C14)	8.052	513926	3.037 ug/ml
7) T	n-Hexadecane (C16)	9.643	516865	2.926 ug/ml
8) T	n-Octadecane (C18)	11.075	567800	3.097 ug/ml
10) T	n-Eicosane (C20)	12.376	591154	3.270 ug/ml
11) T	n-Heneicosane (C21)	12.984	556686	3.096 ug/ml
13) T	n-Docosane (C22)	13.565	585256	3.240 ug/ml
14) T	n-Tetracosane (C24)	14.660	601319	3.280 ug/mlm
15) T	n-Hexacosane (C26)	15.673	579872	3.241 ug/ml
16) T	n-Octacosane (C28)	16.616	599849	3.475 ug/ml
17) T	n-Tricontane (C30)	17.495	621904	3.617 ug/ml
18) T	n-Dotriacontane (C32)	18.321	611075	3.737 ug/mlm
19) T	n-Tetratriacontane (C34)	19.099	543045	3.484 ug/ml
20) T	n-Hexatriacontane (C36)	19.832	462139	3.287 ug/ml
21) T	n-Octatriacontane (C38)	20.530	409706	3.060 ug/ml
22) T	n-Tetracontane (C40)	21.343	350354	2.772 ug/ml

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

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