

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047688.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 20:07
 Operator : YP/AJ
 Sample : P2403-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:46:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.463	8966575	57.174 ug/ml
Spiked Amount 50.000		Recovery =	114.35%
6) S 2-Fluorobiphenyl (SURR)	8.317	5978891	57.158 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.32%
11) S ortho-Terphenyl (SURR)	11.359	8923490	47.583 ug/ml
Spiked Amount 50.000		Recovery =	95.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	730093	4.516 ug/ml
2) T Naphthalene (C11.7)	5.800	791351	4.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	828393	4.863 ug/ml
5) T Acenaphthylene (C15.06)	8.117	821175	5.035 ug/ml
7) T Acenaphthene (C15.5)	8.411	851913	5.068 ug/ml
8) T Flouorene (C16.55)	9.191	851023	5.116 ug/mlm
9) T Phenanthrene (C19.36)	10.581	803922	4.910 ug/mlm
10) T Anthracene (C19.43)	10.657	788355	5.263 ug/ml
12) T Fluoranthene (C21.85)	12.387	845669	5.096 ug/ml
13) T Pyrene (C20.8)	12.682	844026	5.187 ug/mlm
14) T Benzo[a]anthracene (C...	14.551	723230	4.955 ug/mlm
15) T Chrysene (C27.41)	14.592	721256	4.577 ug/ml
16) T benzo[b]fluoranthene ...	16.098	741644	4.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	784494	5.211 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	669858	4.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	608145	4.481 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	728582	5.089 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	663154	4.830 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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