

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045686.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 13:36
 Operator : YP/AJ
 Sample : PB152853BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB152853BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/19/2023

Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e

Quant Time: May 18 16:40:51 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 2023

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...	7.544	7513214	44.047 ug/ml
Spiked Amount 50.000		Recovery =	88.09%
6) S 2-Fluorobiphenyl (SURR)	8.401	4844882	42.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.28%
11) S ortho-Terphenyl (SURR)	11.439	7715941	36.547 ug/ml
Spiked Amount 50.000		Recovery =	73.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	6917081	37.056 ug/ml
2) T Naphthalene (C11.7)	5.882	7801224	39.660 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	7728848	39.124 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8309911	46.252 ug/ml
7) T Acenaphthene (C15.5)	8.502	8759492	46.030 ug/ml
8) T Flouorene (C16.55)	9.281	8666958	45.956 ug/ml
9) T Phenanthrene (C19.36)	10.672	8810898	47.402 ug/ml
10) T Anthracene (C19.43)	10.747	8870362	49.618 ug/ml
12) T Fluoranthene (C21.85)	12.477	8688574	48.164 ug/ml
13) T Pyrene (C20.8)	12.773	8661657	49.422 ug/ml
14) T Benzo[a]anthracene (C...	14.637	7963487	50.031 ug/ml
15) T Chrysene (C27.41)	14.682	7902620	48.668 ug/ml
16) T benzo[b]fluoranthene ...	16.180	7730419	52.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7408078	51.235 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.555	6808660	48.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	6787278	53.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	7030030	54.738 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	7023148	54.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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