

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046357.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 13:01
 Operator : YP/AJ
 Sample : PB154946BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB154946BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/22/2023

Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e

Quant Time: Aug 21 15:40:48 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M

Quant Title : GC Extractables

QLast Update : Fri Aug 18 14:27:51 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...	7.500	7378659	47.410 ug/ml
Spiked Amount 50.000		Recovery =	94.82%
6) S 2-Fluorobiphenyl (SURR)	8.354	3408758	33.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.61%
11) S ortho-Terphenyl (SURR)	11.393	8337010	43.459 ug/ml
Spiked Amount 50.000		Recovery =	86.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	4665914	26.239 ug/ml
2) T Naphthalene (C11.7)	5.839	5582033	30.287 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	6098204	33.516 ug/ml
5) T Acenaphthylene (C15.06)	8.159	7064863	42.618 ug/ml
7) T Acenaphthene (C15.5)	8.454	6673604	37.571 ug/ml
8) T Fluorene (C16.55)	9.233	7339188	43.046 ug/ml
9) T Phenanthrene (C19.36)	10.623	7431303	44.185 ug/ml
10) T Anthracene (C19.43)	10.698	7304218	49.077 ug/ml
12) T Fluoranthene (C21.85)	12.427	7551505	46.207 ug/ml
13) T Pyrene (C20.8)	12.722	7560854	47.327 ug/ml
14) T Benzo[a]anthracene (C...	14.586	6986890	49.338 ug/ml
15) T Chrysene (C27.41)	14.630	6974802	47.560 ug/ml
16) T benzo[b]fluoranthene ...	16.128	6582573	48.508 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	6554671	49.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	6206988	48.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	6151341	49.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	5954075	46.909 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	5831671	45.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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