

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046359.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 15:22
 Operator : YP/AJ
 Sample : PB154951BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB154951BS

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 16:02:48 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...	7.499	6550522	42.089 ug/ml
Spiked Amount 50.000		Recovery =	84.18%
6) S 2-Fluorobiphenyl (SURR)	8.354	4327271	42.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.56%
11) S ortho-Terphenyl (SURR)	11.393	7162601	37.337 ug/ml
Spiked Amount 50.000		Recovery =	74.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.310	5069898	28.511 ug/ml
2) T Naphthalene (C11.7)	5.838	5809919	31.523 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	5952277	32.714 ug/ml
5) T Acenaphthylene (C15.06)	8.158	6258446	37.754 ug/ml
7) T Acenaphthene (C15.5)	8.453	6170589	34.740 ug/ml
8) T Fluorene (C16.55)	9.232	6318160	37.057 ug/ml
9) T Phenanthrene (C19.36)	10.622	6413370	38.133 ug/ml
10) T Anthracene (C19.43)	10.697	6369814	42.798 ug/ml
12) T Fluoranthene (C21.85)	12.426	6516439	39.874 ug/ml
13) T Pyrene (C20.8)	12.721	6537434	40.921 ug/ml
14) T Benzo[a]anthracene (C...	14.585	6006023	42.412 ug/ml
15) T Chrysene (C27.41)	14.629	6004954	40.947 ug/ml
16) T benzo[b]fluoranthene ...	16.127	5660968	41.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	5650715	42.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	5303002	41.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	5280241	42.205 ug/mlm
20) T Dibenz[a,h]anthracene...	17.902	5080862	40.029 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	5015048	39.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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