

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042422.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 19:54
 Operator : UA/NP
 Sample : PB144760BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB144760BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2022

Supervised By :mohammad ahmed 05/13/2022

Integration File: sample.E

Quant Time: May 13 03:10:53 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Thu Apr 21 17:32:22 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.331	6588539	47.005 ug/ml
Spiked Amount 50.000		Recovery =	94.01%
6) S 2-Fluorobiphenyl (SURR)	8.180	3973762	55.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.54%
11) S ortho-Terphenyl (SURR)	11.204	6553490	37.809 ug/ml
Spiked Amount 50.000		Recovery =	75.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	5433814	34.904 ug/mlm
2) T Naphthalene (C11.7)	5.676	6153397	39.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	6009997	41.561 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6032861	36.607 ug/ml
7) T Acenaphthene (C15.5)	8.274	6852123	36.497 ug/ml
8) T Flouorene (C16.55)	9.052	6335984	41.598 ug/ml
9) T Phenanthrene (C19.36)	10.438	6193226	41.709 ug/ml
10) T Anthracene (C19.43)	10.513	6496435	38.805 ug/ml
12) T Fluoranthene (C21.85)	12.239	6356492	40.523 ug/ml
13) T Pyrene (C20.8)	12.532	6256609	38.359 ug/ml
14) T Benzo[a]anthracene (C...	14.405	5827375	48.716 ug/ml
15) T Chrysene (C27.41)	14.446	5753885	31.363 ug/ml
16) T benzo[b]fluoranthene ...	15.954	5936017	45.210 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	6709428	38.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	5566852	37.730 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.701	5405586	54.157 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	6428346	40.956 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	5964433	43.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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