

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049244.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 17:26
 Operator : YP/AJ
 Sample : PB167513BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167513BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e

Quant Time: Apr 09 02:35:47 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 05:25:12 2025

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...	7.752	6326156	42.706 ug/ml
Spiked Amount 50.000		Recovery =	85.41%
6) S 2-Fluorobiphenyl (SURR)	8.618	3069688	30.094 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.19%
11) S ortho-Terphenyl (SURR)	11.663	7541600	42.805 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	3004087	20.047 ug/mlm
2) T Naphthalene (C11.7)	6.088	3901551	23.829 ug/ml
3) T 2-Methylnaphthalene (...)	7.142	4030089	24.915 ug/ml
5) T Acenaphthylene (C15.06)	8.422	5705860	32.302 ug/ml
7) T Acenaphthene (C15.5)	8.718	5415185	31.431 ug/ml
8) T Fluorene (C16.55)	9.500	6689756	38.363 ug/ml
9) T Phenanthrene (C19.36)	10.900	7079388	41.252 ug/ml
10) T Anthracene (C19.43)	10.975	6662509	42.410 ug/ml
12) T Fluoranthene (C21.85)	12.715	7416740	43.879 ug/ml
13) T Pyrene (C20.8)	13.013	7055671	42.069 ug/ml
14) T Benzo[a]anthracene (C...	14.884	6739265	46.883 ug/ml
15) T Chrysene (C27.41)	14.929	7308649	50.651 ug/ml
16) T benzo[b]fluoranthene ...	16.434	6419791	46.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.470	6346359	46.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	5888635	45.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	6240489	50.622 ug/ml
20) T Dibenz[a,h]anthracene...	18.217	5791407	45.801 ug/ml
21) T Benzo[g,h,i]perylene ...	18.436	5909365	45.265 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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