

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071725AR\
 Data File : FD049574.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 13:20
 Operator : YP/AJ
 Sample : PB168879BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168879BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 18 00:16:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.737	7062956	53.984 ug/ml
Spiked Amount 50.000		Recovery =	107.97%
6) S 2-Fluorobiphenyl (SURR)	8.603	4908616	52.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.95%
11) S ortho-Terphenyl (SURR)	11.647	7066271	43.096 ug/ml
Spiked Amount 50.000		Recovery =	86.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4342799	33.616 ug/ml
2) T Naphthalene (C11.7)	6.072	5547632	37.904 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	5607969	36.928 ug/ml
5) T Acenaphthylene (C15.06)	8.406	6770122	42.651 ug/ml
7) T Acenaphthene (C15.5)	8.703	6875635	43.427 ug/ml
8) T Flouorene (C16.55)	9.484	7300758	45.702 ug/ml
9) T Phenanthrene (C19.36)	10.882	7340252	44.811 ug/ml
10) T Anthracene (C19.43)	10.957	6634533	41.650 ug/ml
12) T Fluoranthene (C21.85)	12.697	7296269	44.888 ug/mlm
13) T Pyrene (C20.8)	12.995	7150200	44.058 ug/ml
14) T Benzo[a]anthracene (C...	14.866	6780469	46.299 ug/ml
15) T Chrysene (C27.41)	14.911	7333579	49.277 ug/ml
16) T benzo[b]fluoranthene ...	16.419	6584665	46.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.454	6512415	48.715 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.799	6190074	44.960 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	6391677	51.033 ug/ml
20) T Dibenz[a,h]anthracene...	18.204	5790068	43.950 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.422	5824402	44.009 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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