

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049556.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 20:39
 Operator : YP/AJ
 Sample : Q2600-05MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 07:17:48 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...	7.736	5568436	42.561 ug/ml
Spiked Amount 50.000		Recovery =	85.12%
6) S 2-Fluorobiphenyl (SURR)	8.602	3715464	40.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.19%
11) S ortho-Terphenyl (SURR)	11.647	5931047	36.172 ug/ml
Spiked Amount 50.000		Recovery =	72.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	4446192	34.416 ug/ml
2) T Naphthalene (C11.7)	6.074	5984716	40.891 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	6656257	43.831 ug/ml
5) T Acenaphthylene (C15.06)	8.407	7578873	47.746 ug/ml
7) T Acenaphthene (C15.5)	8.704	7586453	47.916 ug/ml
8) T Flouorene (C16.55)	9.485	8013744	50.166 ug/ml
9) T Phenanthrene (C19.36)	10.884	8362237	51.050 ug/ml
10) T Anthracene (C19.43)	10.960	8160445	51.229 ug/ml
12) T Fluoranthene (C21.85)	12.700	8206910	50.491 ug/mlm
13) T Pyrene (C20.8)	13.000	8334336	51.354 ug/ml
14) T Benzo[a]anthracene (C...	14.872	7924129	54.108 ug/mlm
15) T Chrysene (C27.41)	14.917	8765976	58.901 ug/mlm
16) T benzo[b]fluoranthene ...	16.426	7492226	52.878 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	7229852	54.082 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.806	7166777	52.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.172	7432163	59.340 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	6758546	51.302 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.428	6580531	49.723 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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