

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049622.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 16:32
 Operator : YP/AJ
 Sample : Q2743-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 13 00:30:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.716	5117515	49.933 ug/ml
Spiked Amount 50.000		Recovery =	99.87%
6) S 2-Fluorobiphenyl (SURR)	8.582	3645141	49.902 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.80%
11) S ortho-Terphenyl (SURR)	11.626	4308988	33.198 ug/ml
Spiked Amount 50.000		Recovery =	66.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3175919	31.376 ug/ml
2) T Naphthalene (C11.7)	6.050	3854419	33.616 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	3830750	32.112 ug/ml
5) T Acenaphthylene (C15.06)	8.384	4540202	36.116 ug/ml
7) T Acenaphthene (C15.5)	8.681	4547311	36.166 ug/ml
8) T Flouorene (C16.55)	9.462	4861714	38.399 ug/ml
9) T Phenanthrene (C19.36)	10.861	5344860	41.376 ug/ml
10) T Anthracene (C19.43)	10.937	5079066	41.228 ug/ml
12) T Fluoranthene (C21.85)	12.677	5758653	44.984 ug/ml
13) T Pyrene (C20.8)	12.976	5704930	44.933 ug/ml
14) T Benzo[a]anthracene (C...	14.848	5197374	45.040 ug/ml
15) T Chrysene (C27.41)	14.892	5761296	49.207 ug/ml
16) T benzo[b]fluoranthene ...	16.400	5053964	44.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	4721146	44.103 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.780	4757245	42.883 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	4792228	46.491 ug/ml
20) T Dibenz[a,h]anthracene...	18.183	4275922	39.229 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	4163601	38.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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