

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049661.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2025 04:42
 Operator : YP/AJ
 Sample : Q2892-05MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Quant Time: Aug 25 01:53:05 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	5397839	52.669 ug/ml
Spiked Amount 50.000		Recovery =	105.34%
6) S 2-Fluorobiphenyl (SURR)	8.581	3821859	52.321 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.64%
11) S ortho-Terphenyl (SURR)	11.626	4473947	34.469 ug/ml
Spiked Amount 50.000		Recovery =	68.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3768458	37.230 ug/ml
2) T Naphthalene (C11.7)	6.050	4519080	39.413 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4455842	37.352 ug/ml
5) T Acenaphthylene (C15.06)	8.384	5336113	42.447 ug/ml
7) T Acenaphthene (C15.5)	8.681	5411614	43.040 ug/ml
8) T Flouorene (C16.55)	9.463	5850505	46.209 ug/ml
9) T Phenanthrene (C19.36)	10.862	6360335	49.237 ug/ml
10) T Anthracene (C19.43)	10.938	6377479	51.768 ug/ml
12) T Fluoranthene (C21.85)	12.677	6570957	51.329 ug/ml
13) T Pyrene (C20.8)	12.976	6624813	52.178 ug/ml
14) T Benzo[a]anthracene (C...	14.848	6319211	54.761 ug/ml
15) T Chrysene (C27.41)	14.894	6979524	59.612 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6041068	53.116 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	5874719	54.880 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5842539	52.666 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	6224147	60.383 ug/ml
20) T Dibenz[a,h]anthracene...	18.187	5662388	51.949 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	5489834	50.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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