

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049835.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 13:43
 Operator : YP/AJ
 Sample : Q3301-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 06:29:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.710	10703059	90.082 ug/mlm
Spiked Amount 50.000		Recovery =	180.16%
6) S 2-Fluorobiphenyl (SURR)	8.579	6091737	71.752 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	143.50%#
11) S ortho-Terphenyl (SURR)	11.625	6956160	46.597 ug/mlm
Spiked Amount 50.000		Recovery =	93.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	5160258	45.408 ug/ml
2) T Naphthalene (C11.7)	6.040	8977937	68.048 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	18902246	136.614 ug/mlm
5) T Acenaphthylene (C15.06)	8.387	18513751	126.717 ug/mlm
7) T Acenaphthene (C15.5)	8.684	16012559	109.968 ug/mlm
8) T Flouorene (C16.55)	9.470	17517612	119.953 ug/mlm
9) T Phenanthrene (C19.36)	10.871	16606916	113.605 ug/mlm
10) T Anthracene (C19.43)	10.948	16003603	117.766 ug/mlm
12) T Fluoranthene (C21.85)	12.686	15179344	106.548 ug/mlm
13) T Pyrene (C20.8)	12.983	14476290	102.979 ug/mlm
14) T Benzo[a]anthracene (C...	14.848	12634639	100.460 ug/mlm
15) T Chrysene (C27.41)	14.895	13994952	108.935 ug/mlm
16) T benzo[b]fluoranthene ...	16.399	12267499	98.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	12074592	102.793 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.780	11510780	94.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.149	11795400	104.905 ug/mlm
20) T Dibenz[a,h]anthracene...	18.187	10719714	87.681 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.408	11358658	94.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

