

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049624.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 18:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 13 00:31:23 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...	7.714	2227159	21.731 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.579	1598286	21.881 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.76%
11) S ortho-Terphenyl (SURR)	11.625	2812377	21.668 ug/ml
Spiked Amount 50.000		Recovery =	43.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2151285	21.254 ug/ml
2) T Naphthalene (C11.7)	6.050	2468923	21.533 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2588173	21.696 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2724922	21.676 ug/ml
7) T Acenaphthene (C15.5)	8.679	2722852	21.655 ug/ml
8) T Flouorene (C16.55)	9.460	2760710	21.805 ug/ml
9) T Phenanthrene (C19.36)	10.859	2825114	21.870 ug/ml
10) T Anthracene (C19.43)	10.933	2674645	21.711 ug/ml
12) T Fluoranthene (C21.85)	12.672	2792240	21.812 ug/ml
13) T Pyrene (C20.8)	12.970	2771641	21.830 ug/ml
14) T Benzo[a]anthracene (C...	14.842	2481208	21.502 ug/ml
15) T Chrysene (C27.41)	14.885	2517501	21.502 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2382080	20.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2245393	20.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.772	2304653	20.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2095630	20.331 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2270097	20.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	2230985	20.416 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

