

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049666.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2025 08:55
 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: sample.E
 Quant Time: Aug 25 02:31:47 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...	7.713	2090296	20.396 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.578	1501049	20.549 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.10%
11) S ortho-Terphenyl (SURR)	11.624	2639586	20.337 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2062607	20.378 ug/ml
2) T Naphthalene (C11.7)	6.049	2348196	20.480 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2439474	20.449 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2537370	20.184 ug/ml
7) T Acenaphthene (C15.5)	8.678	2555063	20.321 ug/ml
8) T Flouorene (C16.55)	9.459	2581749	20.392 ug/ml
9) T Phenanthrene (C19.36)	10.857	2640384	20.440 ug/ml
10) T Anthracene (C19.43)	10.931	2272272	18.445 ug/ml
12) T Fluoranthene (C21.85)	12.671	2668608	20.846 ug/ml
13) T Pyrene (C20.8)	12.969	2651824	20.886 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2420165	20.973 ug/ml
15) T Chrysene (C27.41)	14.883	2498221	21.337 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2385243	20.972 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2233938	20.869 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2252963	20.309 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2124310	20.609 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2451239	22.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2237335	20.474 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

