

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049559.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 23:34
 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: Jul 17 07:18:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.736	2699009	20.629 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
6) S 2-Fluorobiphenyl (SURR)	8.601	1924863	20.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.55%
11) S ortho-Terphenyl (SURR)	11.645	3258117	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2653134	20.537 ug/ml
2) T Naphthalene (C11.7)	6.074	2959896	20.224 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2963160	19.512 ug/ml
5) T Acenaphthylene (C15.06)	8.405	3198651	20.151 ug/ml
7) T Acenaphthene (C15.5)	8.700	3124824	19.736 ug/ml
8) T Flouorene (C16.55)	9.481	3241677	20.293 ug/ml
9) T Phenanthrene (C19.36)	10.879	3269827	19.962 ug/ml
10) T Anthracene (C19.43)	10.954	3012639	18.913 ug/ml
12) T Fluoranthene (C21.85)	12.693	3237446	19.917 ug/ml
13) T Pyrene (C20.8)	12.990	3239360	19.960 ug/ml
14) T Benzo[a]anthracene (C...	14.861	2919609	19.936 ug/ml
15) T Chrysene (C27.41)	14.903	2914329	19.582 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2751404	19.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2736459	20.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2586134	18.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2419458	19.317 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2589389	19.655 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2560654	19.348 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

