

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082625AR\
 Data File : FD049681.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 23:00
 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 27 01:45:14 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	2118388	20.670 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
6) S 2-Fluorobiphenyl (SURR)	8.578	1530498	20.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.91%
11) S ortho-Terphenyl (SURR)	11.624	2701589	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2061184	20.363 ug/ml
2) T Naphthalene (C11.7)	6.049	2364371	20.621 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2467947	20.688 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2566106	20.413 ug/ml
7) T Acenaphthene (C15.5)	8.678	2604403	20.713 ug/ml
8) T Flouorene (C16.55)	9.459	2647289	20.909 ug/ml
9) T Phenanthrene (C19.36)	10.857	2715352	21.020 ug/ml
10) T Anthracene (C19.43)	10.931	2193718	17.807 ug/ml
12) T Fluoranthene (C21.85)	12.671	2680842	20.941 ug/ml
13) T Pyrene (C20.8)	12.969	2644782	20.831 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2348902	20.355 ug/ml
15) T Chrysene (C27.41)	14.883	2447494	20.904 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2372860	20.863 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2231339	20.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2216367	19.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2142263	20.783 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	2579150	23.662 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2271859	20.790 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

