

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049401.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 19:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 03:18:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.737	3424908	20.603 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
6) S 2-Fluorobiphenyl (SURR)	8.603	2372144	20.736 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.47%
11) S ortho-Terphenyl (SURR)	11.648	4174205	20.796 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3241939	20.376 ug/ml
2) T Naphthalene (C11.7)	6.072	3607317	20.545 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	3689192	20.651 ug/ml
5) T Acenaphthylene (C15.06)	8.406	4006393	20.682 ug/ml
7) T Acenaphthene (C15.5)	8.702	3941068	20.719 ug/ml
8) T Fluorene (C16.55)	9.484	4066119	20.796 ug/ml
9) T Phenanthrene (C19.36)	10.883	3972017	20.890 ug/ml
10) T Anthracene (C19.43)	10.957	3624043	20.730 ug/ml
12) T Fluoranthene (C21.85)	12.696	3785595	20.987 ug/ml
13) T Pyrene (C20.8)	12.995	3741762	20.964 ug/ml
14) T Benzo[a]anthracene (C...	14.866	3186082	20.963 ug/ml
15) T Chrysene (C27.41)	14.909	3184333	20.970 ug/ml
16) T benzo[b]fluoranthene ...	16.416	3017284	20.845 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2991260	20.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2821464	20.759 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2619102	20.505 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2777973	20.635 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	2784358	20.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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