

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061025AR\
 Data File : FD049424.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 09:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 11 01:07:03 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...	7.733	2872386	17.279 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
6) S 2-Fluorobiphenyl (SURR)	8.599	1953452	17.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.15%
11) S ortho-Terphenyl (SURR)	11.644	3398869	16.933 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3006230	18.895 ug/ml
2) T Naphthalene (C11.7)	6.069	3272259	18.636 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	3338479	18.688 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3464639	17.885 ug/ml
7) T Acenaphthene (C15.5)	8.698	3453723	18.157 ug/ml
8) T Fluorene (C16.55)	9.480	3393231	17.355 ug/ml
9) T Phenanthrene (C19.36)	10.877	3392979	17.845 ug/ml
10) T Anthracene (C19.43)	10.952	2830338	16.190 ug/ml
12) T Fluoranthene (C21.85)	12.691	3377511	18.725 ug/ml
13) T Pyrene (C20.8)	12.989	3375230	18.911 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2971916	19.554 ug/ml
15) T Chrysene (C27.41)	14.903	3060932	20.157 ug/ml
16) T benzo[b]fluoranthene ...	16.412	3112284	21.501 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	2892467	20.157 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2996280	22.045 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2701341	21.149 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	2707715	20.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2971654	22.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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