

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
 Data File : FD049343.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2025 16:05
 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: May 15 02:52:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.738	2658982	22.425 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
6) S 2-Fluorobiphenyl (SURR)	8.604	1793403	22.709 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.42%
11) S ortho-Terphenyl (SURR)	11.649	3241507	23.486 ug/ml
Spiked Amount 50.000		Recovery =	46.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2588097	20.728 ug/ml
2) T Naphthalene (C11.7)	6.074	2808314	21.242 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	2846592	22.066 ug/ml
5) T Acenaphthylene (C15.06)	8.408	3093738	21.916 ug/ml
7) T Acenaphthene (C15.5)	8.703	3053138	22.284 ug/ml
8) T Fluorene (C16.55)	9.485	3104979	22.811 ug/ml
9) T Phenanthrene (C19.36)	10.882	2990038	22.178 ug/ml
10) T Anthracene (C19.43)	10.956	2463403	20.829 ug/ml
12) T Fluoranthene (C21.85)	12.696	2925618	21.709 ug/ml
13) T Pyrene (C20.8)	12.994	2891274	21.373 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2410598	21.045 ug/ml
15) T Chrysene (C27.41)	14.907	2464895	21.119 ug/ml
16) T benzo[b]fluoranthene ...	16.415	2391616	19.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2335350	19.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2159274	18.779 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2022483	18.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2267204	21.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2174111	18.244 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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