

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052325AR\
 Data File : FD049391.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 12:58
 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 24 03:02:28 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...	7.737	2588026	21.827 ug/ml
Spiked Amount 50.000		Recovery =	43.65%
6) S 2-Fluorobiphenyl (SURR)	8.602	1785970	22.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.23%
11) S ortho-Terphenyl (SURR)	11.648	3179339	23.035 ug/ml
Spiked Amount 50.000		Recovery =	46.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2473540	19.811 ug/ml
2) T Naphthalene (C11.7)	6.072	2722418	20.592 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	2773805	21.502 ug/ml
5) T Acenaphthylene (C15.06)	8.405	2990836	21.187 ug/ml
7) T Acenaphthene (C15.5)	8.702	2976047	21.721 ug/ml
8) T Fluorene (C16.55)	9.483	3065742	22.523 ug/ml
9) T Phenanthrene (C19.36)	10.881	2972049	22.044 ug/ml
10) T Anthracene (C19.43)	10.955	2242201	18.958 ug/ml
12) T Fluoranthene (C21.85)	12.696	2876449	21.344 ug/ml
13) T Pyrene (C20.8)	12.994	2827248	20.900 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2361326	20.615 ug/ml
15) T Chrysene (C27.41)	14.907	2454473	21.030 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2381999	19.623 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2294522	19.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2058806	17.905 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2006366	18.282 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2512855	23.793 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2147575	18.021 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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