

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
 Data File : FD049583.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2025 09:55
 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: sample.E
 Quant Time: Jul 24 03:46:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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	2378217	18.177 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
6) S 2-Fluorobiphenyl (SURR)	8.597	1686771	18.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.41%
11) S ortho-Terphenyl (SURR)	11.640	2924135	17.834 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2357140	18.246 ug/ml
2) T Naphthalene (C11.7)	6.071	2586094	17.670 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	2594539	17.085 ug/ml
5) T Acenaphthylene (C15.06)	8.401	2804986	17.671 ug/ml
7) T Acenaphthene (C15.5)	8.697	2757290	17.415 ug/ml
8) T Flouorene (C16.55)	9.477	2859868	17.903 ug/ml
9) T Phenanthrene (C19.36)	10.875	2905468	17.737 ug/ml
10) T Anthracene (C19.43)	10.948	2553917	16.033 ug/ml
12) T Fluoranthene (C21.85)	12.687	3022013	18.592 ug/ml
13) T Pyrene (C20.8)	12.985	3037687	18.718 ug/ml
14) T Benzo[a]anthracene (C...	14.856	2836121	19.366 ug/ml
15) T Chrysene (C27.41)	14.899	2858727	19.209 ug/ml
16) T benzo[b]fluoranthene ...	16.406	2786960	19.669 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	2769931	20.720 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	2595769	18.854 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	2430943	19.409 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	2608386	19.799 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	2587055	19.548 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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