

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049280.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 21:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 11 01:06:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.747	2481508	16.752 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
6) S 2-Fluorobiphenyl (SURR)	8.613	1747464	17.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.26%
11) S ortho-Terphenyl (SURR)	11.654	2947296	16.729 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2550951	17.023 ug/ml
2) T Naphthalene (C11.7)	6.085	2724531	16.640 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	2728423	16.868 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2908316	16.465 ug/ml
7) T Acenaphthene (C15.5)	8.712	2858196	16.590 ug/ml
8) T Fluorene (C16.55)	9.492	2940163	16.861 ug/ml
9) T Phenanthrene (C19.36)	10.890	2978354	17.355 ug/ml
10) T Anthracene (C19.43)	10.964	2563229	16.316 ug/ml
12) T Fluoranthene (C21.85)	12.702	2975132	17.601 ug/ml
13) T Pyrene (C20.8)	13.000	2964389	17.675 ug/ml
14) T Benzo[a]anthracene (C...	14.869	2629309	18.291 ug/ml
15) T Chrysene (C27.41)	14.912	2654193	18.394 ug/ml
16) T benzo[b]fluoranthene ...	16.419	2552320	18.346 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	2508304	18.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	2369094	18.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	2273445	18.442 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2548203	20.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.418	2420748	18.543 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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