

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049254.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 23:38
 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: Apr 09 03:02:36 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...	7.750	3154700	21.296 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
6) S 2-Fluorobiphenyl (SURR)	8.616	2178680	21.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.657	3575176	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	3170212	21.156 ug/ml
2) T Naphthalene (C11.7)	6.087	3447704	21.057 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	3459426	21.387 ug/ml
5) T Acenaphthylene (C15.06)	8.420	3694802	20.917 ug/ml
7) T Acenaphthene (C15.5)	8.716	3612246	20.967 ug/ml
8) T Fluorene (C16.55)	9.496	3654294	20.956 ug/ml
9) T Phenanthrene (C19.36)	10.894	3548959	20.680 ug/ml
10) T Anthracene (C19.43)	10.968	3301033	21.013 ug/ml
12) T Fluoranthene (C21.85)	12.706	3416326	20.211 ug/ml
13) T Pyrene (C20.8)	13.004	3379094	20.148 ug/ml
14) T Benzo[a]anthracene (C...	14.873	2945858	20.494 ug/ml
15) T Chrysene (C27.41)	14.915	2945243	20.411 ug/ml
16) T benzo[b]fluoranthene ...	16.423	2789597	20.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.456	2749002	20.100 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.802	2610107	20.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.165	2465672	20.001 ug/ml
20) T Dibenz[a,h]anthracene...	18.205	2628686	20.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.421	2630334	20.148 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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