

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
 Data File : FD049374.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2025 15:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 04:31:28 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	2663047	22.460 ug/ml
Spiked Amount 50.000		Recovery =	44.92%
6) S 2-Fluorobiphenyl (SURR)	8.603	1792852	22.702 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.40%
11) S ortho-Terphenyl (SURR)	11.648	3086277	22.361 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2710943	21.712 ug/ml
2) T Naphthalene (C11.7)	6.073	2891313	21.870 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2886801	22.378 ug/ml
5) T Acenaphthylene (C15.06)	8.406	3098013	21.946 ug/ml
7) T Acenaphthene (C15.5)	8.702	3033625	22.141 ug/ml
8) T Fluorene (C16.55)	9.483	3057550	22.463 ug/ml
9) T Phenanthrene (C19.36)	10.882	2944727	21.842 ug/ml
10) T Anthracene (C19.43)	10.956	2678944	22.651 ug/ml
12) T Fluoranthene (C21.85)	12.696	2846067	21.119 ug/ml
13) T Pyrene (C20.8)	12.994	2811031	20.780 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2401483	20.965 ug/ml
15) T Chrysene (C27.41)	14.907	2421877	20.751 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2409893	19.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2385553	20.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2280887	19.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2153854	19.626 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2250836	21.312 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2316554	19.439 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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