

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022025AR\
 Data File : FD049097.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2025 18:28
 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: Feb 21 00:25:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.352	2872783	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
6) S 2-Fluorobiphenyl (SURR)	8.203	1786209	20.318 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.233	3267991	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3217199	20.202 ug/ml
2) T Naphthalene (C11.7)	5.693	3226600	20.320 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3165863	20.334 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3220481	19.805 ug/ml
7) T Acenaphthene (C15.5)	8.296	3317679	20.167 ug/ml
8) T Fluorene (C16.55)	9.077	3171274	20.116 ug/ml
9) T Phenanthrene (C19.36)	10.463	3051762	20.250 ug/ml
10) T Anthracene (C19.43)	10.541	2685731	17.783 ug/ml
12) T Fluoranthene (C21.85)	12.266	3154204	20.440 ug/ml
13) T Pyrene (C20.8)	12.559	3065628	19.899 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2695643	20.516 ug/ml
15) T Chrysene (C27.41)	14.471	3334310	20.622 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2822295	20.512 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3231686	20.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2643658	19.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	2089024	19.117 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	3428346	22.098 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	2828396	19.513 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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