

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013025AR\
 Data File : FD049017.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 12:30
 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: Jan 31 00:51:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.357	2858002	20.081 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
6) S 2-Fluorobiphenyl (SURR)	8.208	1711436	20.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.23%
11) S ortho-Terphenyl (SURR)	11.238	3224005	19.605 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3138806	20.362 ug/ml
2) T Naphthalene (C11.7)	5.697	3191305	20.416 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	3172677	20.452 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3259282	19.929 ug/ml
7) T Acenaphthene (C15.5)	8.300	3327075	19.808 ug/ml
8) T Fluorene (C16.55)	9.082	3152287	20.151 ug/ml
9) T Phenanthrene (C19.36)	10.468	3032947	19.914 ug/ml
10) T Anthracene (C19.43)	10.546	3020173	19.827 ug/ml
12) T Fluoranthene (C21.85)	12.272	3141896	19.975 ug/ml
13) T Pyrene (C20.8)	12.565	3088492	19.605 ug/ml
14) T Benzo[a]anthracene (C...	14.434	2716606	21.111 ug/ml
15) T Chrysene (C27.41)	14.475	3315705	19.608 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2849910	20.858 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3174312	19.600 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2831047	20.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2014048	19.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3006296	21.059 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2883548	20.216 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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