

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
 Data File : FD049347.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2025 01:01
 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: May 15 02:53:44 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...	7.735	2676838	22.576 ug/ml
Spiked Amount 50.000		Recovery =	45.15%
6) S 2-Fluorobiphenyl (SURR)	8.601	1801769	22.815 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.63%
11) S ortho-Terphenyl (SURR)	11.647	3227473	23.384 ug/ml
Spiked Amount 50.000		Recovery =	46.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	2654408	21.260 ug/ml
2) T Naphthalene (C11.7)	6.071	2869724	21.707 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2874796	22.285 ug/ml
5) T Acenaphthylene (C15.06)	8.405	3110817	22.037 ug/ml
7) T Acenaphthene (C15.5)	8.700	3059581	22.331 ug/ml
8) T Fluorene (C16.55)	9.482	3088906	22.693 ug/ml
9) T Phenanthrene (C19.36)	10.881	2977489	22.085 ug/ml
10) T Anthracene (C19.43)	10.955	2435863	20.596 ug/ml
12) T Fluoranthene (C21.85)	12.694	2951200	21.899 ug/ml
13) T Pyrene (C20.8)	12.993	2915202	21.550 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2424483	21.166 ug/ml
15) T Chrysene (C27.41)	14.906	2502655	21.443 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2445569	20.147 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2384405	19.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2215763	19.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2056545	18.740 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	2303358	21.809 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2244988	18.839 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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