

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049301.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:18
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 01 12:57:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:57:15 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...	7.740	1190668	9.881 ug/ml
Spiked Amount 50.000		Recovery =	19.76%
6) S 2-Fluorobiphenyl (SURR)	8.605	783470	9.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.648	1382865	9.883 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	1264609	10.000 ug/ml
2) T Naphthalene (C11.7)	6.076	1312485	9.765 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	1291726	9.833 ug/ml
5) T Acenaphthylene (C15.06)	8.408	1420542	9.921 ug/ml
7) T Acenaphthene (C15.5)	8.703	1376727	9.898 ug/ml
8) T Fluorene (C16.55)	9.484	1356227	9.773 ug/ml
9) T Phenanthrene (C19.36)	10.882	1340476	9.722 ug/ml
10) T Anthracene (C19.43)	10.956	1146629	9.380 ug/ml
12) T Fluoranthene (C21.85)	12.695	1317635	9.521 ug/ml
13) T Pyrene (C20.8)	12.993	1327591	9.571 ug/ml
14) T Benzo[a]anthracene (C...	14.864	1107794	9.368 ug/ml
15) T Chrysene (C27.41)	14.905	1139733	9.503 ug/ml
16) T benzo[b]fluoranthene ...	16.413	1225399	9.915 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	1207329	9.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	1162010	9.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	1102181	9.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	1061168	9.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	1225409	10.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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