

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049076.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 15:48
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 10 16:26:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 16:26:18 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...	7.358	773691	5.406 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
6) S 2-Fluorobiphenyl (SURR)	8.218	411369	4.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.36%
11) S ortho-Terphenyl (SURR)	11.234	896262	5.540 ug/ml
Spiked Amount 50.000		Recovery =	11.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	880662	5.530 ug/ml
2) T Naphthalene (C11.7)	5.699	819370	5.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	809055	5.196 ug/ml
5) T Acenaphthylene (C15.06)	8.007	889357	5.469 ug/ml
7) T Acenaphthene (C15.5)	8.298	942609	5.730 ug/ml
8) T Fluorene (C16.55)	9.085	839593	5.326 ug/ml
9) T Phenanthrene (C19.36)	10.472	783663	5.200 ug/ml
10) T Anthracene (C19.43)	10.552	786469	5.207 ug/ml
12) T Fluoranthene (C21.85)	12.279	819618	5.311 ug/ml
13) T Pyrene (C20.8)	12.567	846750	5.496 ug/ml
14) T Benzo[a]anthracene (C...	14.443	584303	4.447 ug/ml
15) T Chrysene (C27.41)	14.479	971932	6.011 ug/ml
16) T benzo[b]fluoranthene ...	15.986	664702	4.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	942068	5.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	726171	5.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	475672	4.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	897828	5.787 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	809816	5.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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