

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049173.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 13:59
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
 Quant Time: Mar 10 03:33:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 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...	7.367	866871	5.701 ug/ml
Spiked Amount 50.000		Recovery =	11.40%
6) S 2-Fluorobiphenyl (SURR)	8.243	292041	3.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.33%
11) S ortho-Terphenyl (SURR)	11.238	1034518	5.918 ug/ml
Spiked Amount 50.000		Recovery =	11.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	929080	5.622 ug/ml
2) T Naphthalene (C11.7)	5.707	854234	5.202 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	887507	5.414 ug/ml
5) T Acenaphthylene (C15.06)	8.013	1011519	5.824 ug/ml
7) T Acenaphthene (C15.5)	8.301	1226413	6.552 ug/ml
8) T Fluorene (C16.55)	9.097	865075	5.344 ug/ml
9) T Phenanthrene (C19.36)	10.485	851101	5.411 ug/ml
10) T Anthracene (C19.43)	10.574	800491	5.239 ug/ml
12) T Fluoranthene (C21.85)	12.297	887228	5.497 ug/ml
13) T Pyrene (C20.8)	12.581	911422	5.645 ug/ml
14) T Benzo[a]anthracene (C...	14.463	433911	3.822 ug/mlm
15) T Chrysene (C27.41)	14.496	1019166	6.566 ug/mlm
16) T benzo[b]fluoranthene ...	16.008	578716	4.360 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.045	1023779	6.498 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.412	760438	5.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	440751	4.513 ug/mlm
20) T Dibenz[a,h]anthracene...	17.853	337734	2.769 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.013	564791	4.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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