

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048938.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 17:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/13/2025
 Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e
 Quant Time: Jan 10 23:18:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:22:13 2024
 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	3585460	22.537 ug/ml
Spiked Amount 50.000		Recovery =	45.07%
6) S 2-Fluorobiphenyl (SURR)	8.209	2329802	23.824 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.65%
11) S ortho-Terphenyl (SURR)	11.242	4104234	22.364 ug/ml
Spiked Amount 50.000		Recovery =	44.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	3855506	22.363 ug/ml
2) T Naphthalene (C11.7)	5.699	3978510	21.908 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3953825	21.447 ug/ml
5) T Acenaphthylene (C15.06)	8.010	4061731	22.078 ug/ml
7) T Acenaphthene (C15.5)	8.304	4092259	21.565 ug/ml
8) T Fluorene (C16.55)	9.084	4030695	22.612 ug/ml
9) T Phenanthrene (C19.36)	10.471	3917907	22.341 ug/mlm
10) T Anthracene (C19.43)	10.548	3446363	20.311 ug/ml
12) T Fluoranthene (C21.85)	12.274	4036129	22.333 ug/ml
13) T Pyrene (C20.8)	12.567	3949169	21.967 ug/ml
14) T Benzo[a]anthracene (C...	14.438	3632011	23.053 ug/ml
15) T Chrysene (C27.41)	14.480	4051958	20.976 ug/ml
16) T benzo[b]fluoranthene ...	15.985	3765531	22.772 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	3945801	21.781 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	3517972	21.114 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2918049	21.930 ug/mlm
20) T Dibenz[a,h]anthracene...	17.768	4114278	22.309 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	3594909	21.532 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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