

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011025AR\
 Data File : FD048935.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2025 14:44
 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 23:17:15 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	3579922	22.502 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
6) S 2-Fluorobiphenyl (SURR)	8.209	2328115	23.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.61%
11) S ortho-Terphenyl (SURR)	11.242	4065986	22.155 ug/ml
Spiked Amount 50.000		Recovery =	44.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	3864014	22.412 ug/ml
2) T Naphthalene (C11.7)	5.699	4006333	22.061 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	3953326	21.445 ug/ml
5) T Acenaphthylene (C15.06)	8.011	4055294	22.043 ug/ml
7) T Acenaphthene (C15.5)	8.304	4094080	21.574 ug/ml
8) T Fluorene (C16.55)	9.083	4015225	22.525 ug/ml
9) T Phenanthrene (C19.36)	10.471	3880095	22.125 ug/mlm
10) T Anthracene (C19.43)	10.548	3445445	20.306 ug/ml
12) T Fluoranthene (C21.85)	12.275	3985417	22.053 ug/ml
13) T Pyrene (C20.8)	12.568	3911747	21.759 ug/ml
14) T Benzo[a]anthracene (C...	14.439	3587580	22.771 ug/ml
15) T Chrysene (C27.41)	14.480	4008212	20.750 ug/ml
16) T benzo[b]fluoranthene ...	15.986	3655838	22.109 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.016	3745035	20.673 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.363	3495049	20.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2931450	22.030 ug/mlm
20) T Dibenz[a,h]anthracene...	17.768	3986425	21.616 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	3546248	21.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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