

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048949.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 11:10
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 25 03:32:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:28:54 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...	7.368	717868	5.113 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
6) S 2-Fluorobiphenyl (SURR)	8.233	339783	3.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.81%
11) S ortho-Terphenyl (SURR)	11.242	879266	5.492 ug/ml
Spiked Amount 50.000		Recovery =	10.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	789589	5.221 ug/ml
2) T Naphthalene (C11.7)	5.708	759669	4.905 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	770079	5.012 ug/ml
5) T Acenaphthylene (C15.06)	8.016	854846	5.338 ug/ml
7) T Acenaphthene (C15.5)	8.305	948275	5.877 ug/ml
8) T Fluorene (C16.55)	9.095	763400	4.914 ug/ml
9) T Phenanthrene (C19.36)	10.483	750630	4.987 ug/ml
10) T Anthracene (C19.43)	10.566	743883	4.913 ug/ml
12) T Fluoranthene (C21.85)	12.291	810442	5.286 ug/ml
13) T Pyrene (C20.8)	12.579	825951	5.450 ug/ml
14) T Benzo[a]anthracene (C...	14.456	474873	3.528 ug/ml
15) T Chrysene (C27.41)	14.492	1000984	6.333 ug/ml
16) T benzo[b]fluoranthene ...	15.999	587465	4.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	932809	6.087 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.395	689943	5.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.768	411157	4.140 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	699298	4.819 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.998	746404	5.370 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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