

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049232.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 16:15
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e

Quant Time: Apr 08 05:15:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 08 05:14:19 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...	7.760	14424350	99.788 ug/ml
Spiked Amount 50.000		Recovery =	199.58%
6) S 2-Fluorobiphenyl (SURR)	8.629	10161811	101.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	202.73%#
11) S ortho-Terphenyl (SURR)	11.672	16886298	97.211 ug/ml
Spiked Amount 50.000		Recovery =	194.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	14124438	96.631 ug/ml
2) T Naphthalene (C11.7)	6.096	15715314	98.557 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	15774709	99.963 ug/ml
5) T Acenaphthylene (C15.06)	8.433	17132621	99.235 ug/ml
7) T Acenaphthene (C15.5)	8.731	16770157	99.505 ug/ml
8) T Fluorene (C16.55)	9.513	17097823	99.833 ug/ml
9) T Phenanthrene (C19.36)	10.912	16719563	98.094 ug/ml
10) T Anthracene (C19.43)	10.988	15597317	99.819 ug/ml
12) T Fluoranthene (C21.85)	12.727	16159792	95.562 ug/ml
13) T Pyrene (C20.8)	13.027	16001661	95.634 ug/ml
14) T Benzo[a]anthracene (C...	14.895	14068121	97.457 ug/ml
15) T Chrysene (C27.41)	14.944	13989681	96.583 ug/ml
16) T benzo[b]fluoranthene ...	16.448	13370032	96.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.488	13068315	95.299 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.830	12545484	96.612 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.196	12244453	100.460 ug/ml
20) T Dibenz[a,h]anthracene...	18.235	11804250	93.036 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.458	12528889	96.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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