

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049169.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 09:36
 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 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e

Quant Time: Mar 10 02:35:14 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M

Quant Title : GC Extractables

QLast Update : Mon Mar 10 02:34:33 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...	7.354	14233081	94.769 ug/ml
Spiked Amount 50.000		Recovery =	189.54%
6) S 2-Fluorobiphenyl (SURR)	8.206	9314999	109.233 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	218.47%#
11) S ortho-Terphenyl (SURR)	11.242	15885582	92.684 ug/ml
Spiked Amount 50.000		Recovery =	185.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	15516263	94.473 ug/ml
2) T Naphthalene (C11.7)	5.694	15986008	96.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	15593303	94.544 ug/ml
5) T Acenaphthylene (C15.06)	8.009	16009108	94.217 ug/ml
7) T Acenaphthene (C15.5)	8.304	15911858	89.818 ug/ml
8) T Fluorene (C16.55)	9.083	15731068	96.693 ug/ml
9) T Phenanthrene (C19.36)	10.472	15266450	97.177 ug/ml
10) T Anthracene (C19.43)	10.547	14808725	96.304 ug/ml
12) T Fluoranthene (C21.85)	12.278	15425116	95.391 ug/ml
13) T Pyrene (C20.8)	12.572	15317060	96.984 ug/ml
14) T Benzo[a]anthracene (C...	14.444	13951830	109.030 ug/ml
15) T Chrysene (C27.41)	14.488	13736562	87.847 ug/ml
16) T benzo[b]fluoranthene ...	15.995	14317942	104.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	14309028	91.305 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.373	13647231	100.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	12059011	134.210 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	12526992	80.865 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	13128960	101.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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