

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049302.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:55
 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

Integration File: autoint1.e
 Quant Time: May 01 13:28:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:28:48 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...	7.739	554322	4.675 ug/ml
Spiked Amount 50.000		Recovery =	9.35%
6) S 2-Fluorobiphenyl (SURR)	8.604	355341	4.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.00%
11) S ortho-Terphenyl (SURR)	11.647	652174	4.725 ug/ml
Spiked Amount 50.000		Recovery =	9.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	592326	4.744 ug/ml
2) T Naphthalene (C11.7)	6.076	616885	4.666 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	597813	4.634 ug/ml
5) T Acenaphthylene (C15.06)	8.407	665513	4.714 ug/ml
7) T Acenaphthene (C15.5)	8.702	643365	4.696 ug/ml
8) T Fluorene (C16.55)	9.483	627418	4.609 ug/ml
9) T Phenanthrene (C19.36)	10.881	612980	4.547 ug/ml
10) T Anthracene (C19.43)	10.955	512014	4.329 ug/ml
12) T Fluoranthene (C21.85)	12.693	601392	4.463 ug/ml
13) T Pyrene (C20.8)	12.991	607748	4.493 ug/ml
14) T Benzo[a]anthracene (C...	14.861	498676	4.354 ug/ml
15) T Chrysene (C27.41)	14.903	519076	4.447 ug/ml
16) T benzo[b]fluoranthene ...	16.411	562724	4.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	555129	4.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	536028	4.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	501198	4.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	479962	4.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	553069	4.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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