

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041825AR\
 Data File : FD049283.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2025 09:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 18 22:55:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.742	2985388	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
6) S 2-Fluorobiphenyl (SURR)	8.608	2029705	19.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.651	3698255	20.991 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	3015689	20.125 ug/ml
2) T Naphthalene (C11.7)	6.079	3190206	19.484 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	3226327	19.946 ug/ml
5) T Acenaphthylene (C15.06)	8.411	3512132	19.883 ug/ml
7) T Acenaphthene (C15.5)	8.707	3456911	20.065 ug/ml
8) T Fluorene (C16.55)	9.488	3524352	20.211 ug/ml
9) T Phenanthrene (C19.36)	10.886	3567618	20.789 ug/ml
10) T Anthracene (C19.43)	10.960	2944681	18.744 ug/ml
12) T Fluoranthene (C21.85)	12.699	3660071	21.654 ug/ml
13) T Pyrene (C20.8)	12.997	3646623	21.743 ug/ml
14) T Benzo[a]anthracene (C...	14.867	3061186	21.296 ug/ml
15) T Chrysene (C27.41)	14.910	3145096	21.796 ug/ml
16) T benzo[b]fluoranthene ...	16.418	3037921	21.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	2930374	21.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2694381	20.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2519185	20.435 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2687191	21.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2716596	20.809 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

