

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100224AR\
 Data File : FD048408.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 13:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 03:40:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 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...	7.380	3212373	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
6) S 2-Fluorobiphenyl (SURR)	8.231	2080765	20.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	11.266	3616452	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	3567958	20.358 ug/ml
2) T Naphthalene (C11.7)	5.721	3688241	19.754 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3735182	19.764 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3672700	19.144 ug/ml
7) T Acenaphthene (C15.5)	8.326	3746203	19.805 ug/ml
8) T Fluorene (C16.55)	9.106	3600700	19.929 ug/ml
9) T Phenanthrene (C19.36)	10.493	3569116	20.138 ug/ml
10) T Anthracene (C19.43)	10.569	3000678	16.863 ug/ml
12) T Fluoranthene (C21.85)	12.296	3536814	19.554 ug/ml
13) T Pyrene (C20.8)	12.589	3469248	19.374 ug/ml
14) T Benzo[a]anthracene (C...	14.458	3165118	19.805 ug/ml
15) T Chrysene (C27.41)	14.499	3580182	19.194 ug/ml
16) T benzo[b]fluoranthene ...	16.004	3297058	19.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	3265725	19.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	3158117	19.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	2680260	20.376 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	3393154	20.278 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	3165539	19.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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