

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091624AR\
 Data File : FD048321.D
 Signal(s) : FID2B.ch
 Acq On : 16 Sep 2024 12:53
 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: Sep 17 04:40:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.388	2910144	19.188 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
6) S 2-Fluorobiphenyl (SURR)	8.238	1873535	19.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.22%
11) S ortho-Terphenyl (SURR)	11.273	3393695	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.209	3376808	19.142 ug/ml
2) T Naphthalene (C11.7)	5.728	3407739	18.844 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	3413814	19.081 ug/ml
5) T Acenaphthylene (C15.06)	8.040	3392788	19.419 ug/ml
7) T Acenaphthene (C15.5)	8.334	3480309	19.568 ug/ml
8) T Fluorene (C16.55)	9.113	3255149	19.440 ug/ml
9) T Phenanthrene (C19.36)	10.500	3199097	19.815 ug/ml
10) T Anthracene (C19.43)	10.575	2921342	18.358 ug/ml
12) T Fluoranthene (C21.85)	12.303	3217489	19.847 ug/ml
13) T Pyrene (C20.8)	12.596	3195879	19.932 ug/ml
14) T Benzo[a]anthracene (C...	14.463	2796077	19.961 ug/ml
15) T Chrysene (C27.41)	14.505	3207282	19.472 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2971961	20.003 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	3038500	19.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	2925681	19.774 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	2171707	19.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	3035631	19.891 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	2868947	19.463 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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