

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047804.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 18:25
 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 21 18:59:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 18:59:41 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...	7.458	668442	4.761 ug/ml
Spiked Amount 50.000		Recovery =	9.52%
6) S 2-Fluorobiphenyl (SURR)	8.314	416148	4.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.99%
11) S ortho-Terphenyl (SURR)	11.350	790570	4.945 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	773254	4.896 ug/ml
2) T Naphthalene (C11.7)	5.797	779094	4.773 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	783385	4.754 ug/ml
5) T Acenaphthylene (C15.06)	8.114	789913	4.833 ug/ml
7) T Acenaphthene (C15.5)	8.408	789362	4.834 ug/ml
8) T Flouorene (C16.55)	9.189	745383	4.738 ug/ml
9) T Phenanthrene (C19.36)	10.579	722557	4.686 ug/ml
10) T Anthracene (C19.43)	10.655	683905	4.549 ug/ml
12) T Fluoranthene (C21.85)	12.386	729569	4.808 ug/ml
13) T Pyrene (C20.8)	12.680	718624	4.767 ug/ml
14) T Benzo[a]anthracene (C...	14.551	606501	4.424 ug/ml
15) T Chrysene (C27.41)	14.590	720506	4.891 ug/ml
16) T benzo[b]fluoranthene ...	16.097	646375	4.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	670937	4.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.477	642733	4.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	452720	3.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	629034	4.717 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	602307	4.529 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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