

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048106.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 02:21
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.404	3013490	20.276 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.255	1989583	21.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.05%
11) S ortho-Terphenyl (SURR)	11.293	3448341	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3424612	20.451 ug/ml
2) T Naphthalene (C11.7)	5.744	3549375	20.539 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	3548823	20.458 ug/ml
5) T Acenaphthylene (C15.06)	8.058	3437808	20.061 ug/ml
7) T Acenaphthene (C15.5)	8.353	3490639	20.122 ug/ml
8) T Fluorene (C16.55)	9.132	3393688	20.894 ug/ml
9) T Phenanthrene (C19.36)	10.519	3315382	20.876 ug/ml
10) T Anthracene (C19.43)	10.594	2595503	16.438 ug/ml
12) T Fluoranthene (C21.85)	12.324	3318752	20.961 ug/ml
13) T Pyrene (C20.8)	12.618	3302279	20.883 ug/ml
14) T Benzo[a]anthracene (C...	14.486	2990086	21.901 ug/ml
15) T Chrysene (C27.41)	14.528	3148773	19.533 ug/ml
16) T benzo[b]fluoranthene ...	16.033	3166898	22.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	3118637	20.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.409	3053990	21.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.772	2828897	25.082 ug/mlm
20) T Dibenz[a,h]anthracene...	17.812	3013077	20.732 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.024	3116830	21.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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