

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048333.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2024 16:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e
 Quant Time: Sep 20 05:20:44 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...	7.387	3093096	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.238	1950228	20.411 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.82%
11) S ortho-Terphenyl (SURR)	11.273	3569579	20.805 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	3587578	20.337 ug/ml
2) T Naphthalene (C11.7)	5.727	3665138	20.268 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	3610449	20.180 ug/ml
5) T Acenaphthylene (C15.06)	8.040	3550055	20.319 ug/ml
7) T Acenaphthene (C15.5)	8.334	3632473	20.424 ug/ml
8) T Flouorene (C16.55)	9.113	3460773	20.668 ug/ml
9) T Phenanthrene (C19.36)	10.500	3353622	20.772 ug/ml
10) T Anthracene (C19.43)	10.576	2921398	18.359 ug/ml
12) T Fluoranthene (C21.85)	12.304	3390394	20.914 ug/ml
13) T Pyrene (C20.8)	12.596	3360560	20.959 ug/ml
14) T Benzo[a]anthracene (C...	14.465	2944366	21.020 ug/ml
15) T Chrysene (C27.41)	14.506	3441026	20.891 ug/ml
16) T benzo[b]fluoranthene ...	16.011	3087810	20.783 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.042	3196657	20.755 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.386	3023596	20.436 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	1964587	17.387 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	2986968	19.572 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	2804235	19.024 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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