

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048565.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 12:46
 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 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 24 04:44:37 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...	7.373	3218130	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
6) S 2-Fluorobiphenyl (SURR)	8.222	2110125	20.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.258	3586714	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3634952	20.741 ug/ml
2) T Naphthalene (C11.7)	5.714	3736875	20.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3763742	19.915 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3655802	19.056 ug/ml
7) T Acenaphthene (C15.5)	8.319	3723467	19.685 ug/ml
8) T Flouorene (C16.55)	9.098	3576371	19.795 ug/ml
9) T Phenanthrene (C19.36)	10.485	3500739	19.753 ug/ml
10) T Anthracene (C19.43)	10.560	3054706	17.167 ug/ml
12) T Fluoranthene (C21.85)	12.288	3484964	19.267 ug/ml
13) T Pyrene (C20.8)	12.581	3414273	19.067 ug/ml
14) T Benzo[a]anthracene (C...	14.451	3149226	19.705 ug/ml
15) T Chrysene (C27.41)	14.492	3452246	18.508 ug/ml
16) T benzo[b]fluoranthene ...	15.998	3209383	19.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	3149733	18.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3210854	19.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2834469	21.548 ug/mlm
20) T Dibenz[a,h]anthracene...	17.775	3473284	20.757 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.987	3135856	19.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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