

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047586.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 13:11
 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 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 01:25:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.460	3004332	20.096 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
6) S 2-Fluorobiphenyl (SURR)	8.313	1980084	20.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.351	3470062	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3165305	20.032 ug/ml
2) T Naphthalene (C11.7)	5.800	3296544	20.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3325313	20.217 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3036707	20.119 ug/mlm
7) T Acenaphthene (C15.5)	8.412	3228985	20.161 ug/ml
8) T Flouorene (C16.55)	9.190	3106437	20.080 ug/ml
9) T Phenanthrene (C19.36)	10.578	3041814	20.445 ug/ml
10) T Anthracene (C19.43)	10.654	2707425	19.907 ug/ml
12) T Fluoranthene (C21.85)	12.384	3000532	20.297 ug/ml
13) T Pyrene (C20.8)	12.678	2923197	20.255 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2697739	20.513 ug/ml
15) T Chrysene (C27.41)	14.588	2950227	20.922 ug/ml
16) T benzo[b]fluoranthene ...	16.092	2834350	20.316 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	2898242	20.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	2799057	20.386 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	2543144	18.853 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	2826373	21.030 ug/ml
21) T Benzo[g,h,i]perylene ...	18.080	2752029	19.829 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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