

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 23:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 30 01:24:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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	3213327	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.314	2168355	20.730 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.46%
11) S ortho-Terphenyl (SURR)	11.353	3785561	20.186 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3323281	20.555 ug/ml
2) T Naphthalene (C11.7)	5.797	3483032	20.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3524865	20.693 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3329924	20.418 ug/ml
7) T Acenaphthene (C15.5)	8.412	3465203	20.614 ug/ml
8) T Flouorene (C16.55)	9.191	3412153	20.513 ug/ml
9) T Phenanthrene (C19.36)	10.581	3355952	20.498 ug/mlm
10) T Anthracene (C19.43)	10.656	3033232	20.251 ug/ml
12) T Fluoranthene (C21.85)	12.387	3399190	20.485 ug/ml
13) T Pyrene (C20.8)	12.681	3302800	20.299 ug/ml
14) T Benzo[a]anthracene (C...	14.549	3001096	20.559 ug/ml
15) T Chrysene (C27.41)	14.591	3205283	20.340 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3065283	20.523 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	3069835	20.391 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2980786	20.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	2784941	20.520 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	2924413	20.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	2877593	20.959 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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