

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047297.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 08:37
 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 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File: sample.E
 Quant Time: Feb 24 02:17:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3536441	23.229 ug/ml
Spiked Amount 50.000		Recovery =	46.46%
6) S 2-Fluorobiphenyl (SURR)	8.317	2364426	23.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.78%
11) S ortho-Terphenyl (SURR)	11.355	4029311	22.846 ug/ml
Spiked Amount 50.000		Recovery =	45.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3721164	23.604 ug/ml
2) T Naphthalene (C11.7)	5.804	3890234	23.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3935615	23.337 ug/ml
5) T Acenaphthylene (C15.06)	8.120	3495563	22.711 ug/ml
7) T Acenaphthene (C15.5)	8.415	3770182	22.873 ug/ml
8) T Fluorene (C16.55)	9.194	3677989	23.198 ug/ml
9) T Phenanthrene (C19.36)	10.582	3550813	22.856 ug/ml
10) T Anthracene (C19.43)	10.656	2694801	18.274 ug/ml
12) T Fluoranthene (C21.85)	12.385	3572476	23.073 ug/mlm
13) T Pyrene (C20.8)	12.679	3439405	22.864 ug/ml
14) T Benzo[a]anthracene (C...	14.544	3069473	22.834 ug/ml
15) T Chrysene (C27.41)	14.587	3395122	23.186 ug/ml
16) T benzo[b]fluoranthene ...	16.088	3154791	22.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	3373959	24.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2936361	21.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2923051	23.154 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	3027061	22.719 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.073	3049945	23.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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