

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043031.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2022 6:05
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 08:16:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.643	2919834	19.108 ug/mlm
Spiked Amount 50.000		Recovery =	38.22%
6) S 2-Fluorobiphenyl (SURR)	8.508	1880357	18.283 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.57%
11) S ortho-Terphenyl (SURR)	11.556	3182656	17.928 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.435	3384840	20.217 ug/mlm
2) T Naphthalene (C11.7)	5.978	3415745	19.756 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	3084403	19.342 ug/ml
5) T Acenaphthylene (C15.06)	8.311	3171293	18.355 ug/mlm
7) T Acenaphthene (C15.5)	8.607	3146584	18.287 ug/ml
8) T Flouorene (C16.55)	9.390	3084510	18.373 ug/ml
9) T Phenanthrene (C19.36)	10.789	2897590	17.621 ug/ml
10) T Anthracene (C19.43)	10.864	2694985	17.632 ug/ml
12) T Fluoranthene (C21.85)	12.605	2745415	17.426 ug/ml
13) T Pyrene (C20.8)	12.903	2673305	17.171 ug/ml
14) T Benzo[a]anthracene (C...	14.777	2675842	20.069 ug/ml
15) T Chrysene (C27.41)	14.819	2719704	20.585 ug/ml
16) T benzo[b]fluoranthene ...	16.331	2842708	21.339 ug/ml
17) T Bnezo[k]fluoranthene ...	16.363	2698854	21.790 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.710	2705255	21.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.077	2479449	22.245 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	2711554	24.377 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	2624373	22.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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