

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043035.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2022 13:50
 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 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 24 16:16:25 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...	7.641	2927148	19.155 ug/mlm
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.506	1851929	18.007 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.01%
11) S ortho-Terphenyl (SURR)	11.552	3211468	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	3379457	20.185 ug/mlm
2) T Naphthalene (C11.7)	5.978	3423445	19.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	3092455	19.392 ug/ml
5) T Acenaphthylene (C15.06)	8.309	3170467	18.350 ug/mlm
7) T Acenaphthene (C15.5)	8.606	3083397	17.920 ug/ml
8) T Flouorene (C16.55)	9.387	3110847	18.530 ug/ml
9) T Phenanthrene (C19.36)	10.785	2905091	17.666 ug/ml
10) T Anthracene (C19.43)	10.860	2703286	17.687 ug/ml
12) T Fluoranthene (C21.85)	12.600	2750237	17.457 ug/ml
13) T Pyrene (C20.8)	12.898	2659182	17.080 ug/ml
14) T Benzo[a]anthracene (C...	14.773	2658159	19.936 ug/ml
15) T Chrysene (C27.41)	14.815	2722744	20.608 ug/ml
16) T benzo[b]fluoranthene ...	16.327	2821641	21.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.359	2687034	21.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.706	2694236	21.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.073	2473423	22.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.112	2695922	24.236 ug/ml
21) T Benzo[g,h,i]perylene ...	18.328	2626015	22.094 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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