

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042988.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jun 2022 2:45
 Operator : UA/NP
 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 06/21/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File: autoint1.e
 Quant Time: Jun 21 03:17:16 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...	7.655	2907770	19.029 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
6) S 2-Fluorobiphenyl (SURR)	8.522	1882418	18.303 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.61%
11) S ortho-Terphenyl (SURR)	11.567	3129855	17.631 ug/ml
Spiked Amount 50.000		Recovery =	35.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	3330544	19.892 ug/ml
2) T Naphthalene (C11.7)	5.989	3387652	19.594 ug/ml
3) T 2-Methylnaphthalene (...)	7.044	3070345	19.254 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3144559	18.201 ug/mlm
7) T Acenaphthene (C15.5)	8.620	3160496	18.368 ug/ml
8) T Flouorene (C16.55)	9.403	3066089	18.263 ug/ml
9) T Phenanthrene (C19.36)	10.803	2861190	17.399 ug/ml
10) T Anthracene (C19.43)	10.877	2591001	16.952 ug/ml
12) T Fluoranthene (C21.85)	12.618	2702242	17.152 ug/ml
13) T Pyrene (C20.8)	12.915	2657157	17.067 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2633972	19.755 ug/ml
15) T Chrysene (C27.41)	14.833	2637599	19.964 ug/ml
16) T benzo[b]fluoranthene ...	16.346	2812478	21.112 ug/ml
17) T Bnezo[k]fluoranthene ...	16.378	2639056	21.307 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	2653436	21.438 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.095	2466319	22.127 ug/ml
20) T Dibenz[a,h]anthracene...	18.133	2749258	24.716 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.351	2606156	21.927 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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