

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043626.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 14:05
 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 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: sample.E
 Quant Time: Aug 17 23:38:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.608	3071155	21.712 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.471	1992711	20.961 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.516	3378103	19.931 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	3590389	22.892 ug/ml
2) T Naphthalene (C11.7)	5.943	3561183	22.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	3205349	21.891 ug/ml
5) T Acenaphthylene (C15.06)	8.273	3379346	20.817 ug/ml
7) T Acenaphthene (C15.5)	8.569	3414440	21.120 ug/ml
8) T Flouorene (C16.55)	9.352	3247912	20.727 ug/ml
9) T Phenanthrene (C19.36)	10.749	3105677	19.816 ug/ml
10) T Anthracene (C19.43)	10.823	2944888	19.121 ug/ml
12) T Fluoranthene (C21.85)	12.562	3001016	18.948 ug/ml
13) T Pyrene (C20.8)	12.859	2923874	18.605 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2860047	19.386 ug/ml
15) T Chrysene (C27.41)	14.775	2988855	19.127 ug/ml
16) T benzo[b]fluoranthene ...	16.286	3043012	20.343 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	3010591	20.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2936902	20.778 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2598443	21.986 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	3055102	21.539 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2917355	22.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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