

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043805.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 22:10
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 04:08:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 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...	7.437	3454401	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
6) S 2-Fluorobiphenyl (SURR)	8.291	2058381	20.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.321	3972991	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	4003091	20.101 ug/ml
2) T Naphthalene (C11.7)	5.777	3915414	19.480 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	3519820	19.501 ug/ml
5) T Acenaphthylene (C15.06)	8.384	4119486	20.609 ug/ml
7) T Acenaphthene (C15.5)	8.384	4119486	19.164 ug/ml
8) T Flouorene (C16.55)	9.165	3665594	19.120 ug/ml
9) T Phenanthrene (C19.36)	10.555	3505020	19.491 ug/mlm
10) T Anthracene (C19.43)	10.632	3099492	15.935 ug/ml
12) T Fluoranthene (C21.85)	12.360	3445192	18.892 ug/ml
13) T Pyrene (C20.8)	12.654	3433159	18.392 ug/ml
14) T Benzo[a]anthracene (C...	14.521	2754830	19.254 ug/mlm
15) T Chrysene (C27.41)	14.564	3261021	16.896 ug/ml
16) T benzo[b]fluoranthene ...	16.065	2949270	20.438 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.097	2871554	16.696 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	2462867	16.961 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.805	2559289	24.747 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	2940125	20.893 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.056	2891641	22.714 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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