

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
 Data File : FD043796.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2022 16:12
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:44:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.439	3361703	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
6) S 2-Fluorobiphenyl (SURR)	8.294	2024861	20.129 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.325	3878575	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3856887	19.367 ug/ml
2) T Naphthalene (C11.7)	5.778	3798527	18.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3421027	18.953 ug/ml
5) T Acenaphthylene (C15.06)	8.095	3704090	18.531 ug/ml
7) T Acenaphthene (C15.5)	8.387	3978569	18.509 ug/ml
8) T Flouorene (C16.55)	9.168	3582041	18.684 ug/ml
9) T Phenanthrene (C19.36)	10.559	3433485	19.093 ug/ml
10) T Anthracene (C19.43)	10.635	3155745	16.224 ug/ml
12) T Fluoranthene (C21.85)	12.363	3296969	18.079 ug/mlm
13) T Pyrene (C20.8)	12.658	3381248	18.114 ug/ml
14) T Benzo[a]anthracene (C...	14.526	2747230	19.201 ug/mlm
15) T Chrysene (C27.41)	14.568	3251149	16.844 ug/ml
16) T benzo[b]fluoranthene ...	16.071	2796477	19.380 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.102	2674219	15.548 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.449	2455279	16.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2411585	23.319 ug/mlm
20) T Dibenz[a,h]anthracene...	17.848	2758790	19.604 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.061	2713158	21.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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