

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043939.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 23:07
 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 09/22/2022
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e
 Quant Time: Sep 22 03:10:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.425	2421439	18.403 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
6) S 2-Fluorobiphenyl (SURR)	8.280	1453229	20.145 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.29%
11) S ortho-Terphenyl (SURR)	11.311	3074768	16.505 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	2781603	18.509 ug/mlm
2) T Naphthalene (C11.7)	5.764	2743906	19.269 ug/mlm
3) T 2-Methylnaphthalene (...)	6.810	2779337	18.999 ug/ml
5) T Acenaphthylene (C15.06)	8.081	2561441	16.600 ug/mlm
7) T Acenaphthene (C15.5)	8.373	2920894	16.690 ug/ml
8) T Flouorene (C16.55)	9.154	2648026	18.016 ug/ml
9) T Phenanthrene (C19.36)	10.545	2500357	17.278 ug/ml
10) T Anthracene (C19.43)	10.621	2355629	16.051 ug/ml
12) T Fluoranthene (C21.85)	12.350	2480122	16.170 ug/ml
13) T Pyrene (C20.8)	12.644	2328187	15.651 ug/ml
14) T Benzo[a]anthracene (C...	14.513	2045497	18.298 ug/ml
15) T Chrysene (C27.41)	14.555	2476052	15.843 ug/ml
16) T benzo[b]fluoranthene ...	16.060	2229830	19.121 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	2449648	16.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.438	2302295	19.007 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	2109449	22.186 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	2452891	20.418 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	2354128	20.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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