

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044079.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 17:47
 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 10/11/2022
 Supervised By :Ankita Jodhani 10/11/2022

Integration File: autoint1.e
 Quant Time: Oct 11 05:59:52 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...	7.417	2361183	17.945 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
6) S 2-Fluorobiphenyl (SURR)	8.274	1430903	19.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.67%
11) S ortho-Terphenyl (SURR)	11.300	3386477	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	2642454	17.583 ug/ml
2) T Naphthalene (C11.7)	5.758	2622048	18.414 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2709595	18.522 ug/ml
5) T Acenaphthylene (C15.06)	8.072	2735573	17.728 ug/ml
7) T Acenaphthene (C15.5)	8.363	3024112	17.280 ug/ml
8) T Flouorene (C16.55)	9.144	2740537	18.645 ug/mlm
9) T Phenanthrene (C19.36)	10.536	2739750	18.933 ug/ml
10) T Anthracene (C19.43)	10.613	2652765	18.076 ug/ml
12) T Fluoranthene (C21.85)	12.340	2929799	19.102 ug/ml
13) T Pyrene (C20.8)	12.634	2902353	19.511 ug/ml
14) T Benzo[a]anthracene (C...	14.503	2498064	22.346 ug/ml
15) T Chrysene (C27.41)	14.545	3034486	19.417 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2624314	22.504 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	2916375	19.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	2339497	19.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	2271677	23.892 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	2615238	21.770 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	2440593	21.417 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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