

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092822AR\
 Data File : FD043987.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 16:18
 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 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: autoint1.e
 Quant Time: Sep 29 03:42:53 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...	7.420	2592404	19.702 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
6) S 2-Fluorobiphenyl (SURR)	8.275	1563672	21.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.35%
11) S ortho-Terphenyl (SURR)	11.305	3402818	18.266 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	2969199	19.757 ug/mlm
2) T Naphthalene (C11.7)	5.759	2829918	19.873 ug/mlm
3) T 2-Methylnaphthalene (...)	6.806	2943729	20.122 ug/ml
5) T Acenaphthylene (C15.06)	8.075	2779351	18.012 ug/mlm
7) T Acenaphthene (C15.5)	8.367	3144752	17.969 ug/ml
8) T Flouorene (C16.55)	9.147	2863593	19.482 ug/mlm
9) T Phenanthrene (C19.36)	10.540	2762124	19.087 ug/ml
10) T Anthracene (C19.43)	10.616	2376762	16.195 ug/ml
12) T Fluoranthene (C21.85)	12.344	2722132	17.748 ug/ml
13) T Pyrene (C20.8)	12.638	2674967	17.982 ug/ml
14) T Benzo[a]anthracene (C...	14.507	2140535	19.148 ug/ml
15) T Chrysene (C27.41)	14.548	2664326	17.048 ug/ml
16) T benzo[b]fluoranthene ...	16.052	2287892	19.619 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	2561933	17.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	2166404	17.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	2096098	22.046 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	2492851	20.751 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	2353861	20.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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