

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014298.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 07:58
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 03:12:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 2024
 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...	7.872	2267102	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.745	1452329	19.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.90%
11) S ortho-Terphenyl (SURR)	11.812	2653806	19.687 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2565052	19.925 ug/ml
2) T Naphthalene (C11.7)	6.143	2595480	20.576 ug/ml
3) T 2-Methylnaphthalene (...)	7.242	2710813	21.283 ug/ml
5) T Acenaphthylene (C15.06)	8.543	2568345	19.760 ug/ml
7) T Acenaphthene (C15.5)	8.841	2767278	19.982 ug/ml
8) T Fluorene (C16.55)	9.634	2604123	20.090 ug/ml
9) T Phenanthrene (C19.36)	11.043	2371828	19.625 ug/ml
10) T Anthracene (C19.43)	11.118	2773110	19.989 ug/ml
12) T Fluoranthene (C21.85)	12.865	2586502	19.952 ug/mlm
13) T Pyrene (C20.8)	13.163	2605145	19.951 ug/mlm
14) T Benzo[a]anthracene (C...	15.049	2141291	18.823 ug/mlm
15) T Chrysene (C27.41)	15.090	2854853	20.195 ug/ml
16) T benzo[b]fluoranthene ...	16.609	2232398	19.477 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.639	2634044	19.588 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.992	2458079	19.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.367	1669741	16.892 ug/mlm
20) T Dibenz[a,h]anthracene...	18.406	3231228	21.949 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.621	2677864	20.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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