

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FG015594.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 14:19
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File: autoint1.e
 Quant Time: Apr 02 01:15:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 2025
 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...	7.960	2508065	20.532 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
6) S 2-Fluorobiphenyl (SURR)	8.838	1663820	20.129 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.910	3016299	20.684 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	2735170	20.583 ug/ml
2) T Naphthalene (C11.7)	6.229	2739411	20.276 ug/ml
3) T 2-Methylnaphthalene (...)	7.330	2753314	20.641 ug/ml
5) T Acenaphthylene (C15.06)	8.635	2910304	20.549 ug/ml
7) T Acenaphthene (C15.5)	8.935	2852351	20.907 ug/ml
8) T Flouorene (C16.55)	9.729	2767929	19.827 ug/ml
9) T Phenanthrene (C19.36)	11.140	2687032	19.073 ug/ml
10) T Anthracene (C19.43)	11.215	2562377	18.725 ug/ml
12) T Fluoranthene (C21.85)	12.966	2744818	19.248 ug/ml
13) T Pyrene (C20.8)	13.265	2753925	19.627 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2368444	17.462 ug/ml
15) T Chrysene (C27.41)	15.194	2859720	20.428 ug/ml
16) T benzo[b]fluoranthene ...	16.716	2413798	18.267 ug/ml
17) T Bnezo[k]fluoranthene ...	16.746	2945235	21.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.099	2472679	19.718 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.474	1841374	16.550 ug/mlm
20) T Dibenz[a,h]anthracene...	18.511	2689195	20.898 ug/ml
21) T Benzo[g,h,i]perylene ...	18.729	2248928	18.820 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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