

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015534.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 12:26
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
 Quant Time: Feb 26 12:40:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.996	2289993	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
6) S 2-Fluorobiphenyl (SURR)	8.873	1423376	19.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.933	2851554	19.385 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2510167	19.444 ug/ml
2) T Naphthalene (C11.7)	6.275	2489009	19.502 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2477192	19.564 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2732210	19.329 ug/ml
7) T Acenaphthene (C15.5)	8.968	2746031	19.280 ug/ml
8) T Flouorene (C16.55)	9.759	2596602	19.514 ug/ml
9) T Phenanthrene (C19.36)	11.166	2562733	19.702 ug/ml
10) T Anthracene (C19.43)	11.242	2445232	19.523 ug/ml
12) T Fluoranthene (C21.85)	12.989	2751108	19.481 ug/ml
13) T Pyrene (C20.8)	13.286	2808624	19.536 ug/ml
14) T Benzo[a]anthracene (C...	15.171	2399579	20.428 ug/ml
15) T Chrysene (C27.41)	15.212	2845359	19.050 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2599777	19.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2875208	19.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2506228	19.749 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	1940720	18.961 ug/mlm
20) T Dibenz[a,h]anthracene...	18.524	2605895	20.154 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2445288	19.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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