

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015682.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 16:04
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Mar 17 16:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:57:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

03/18/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----03/19/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.000	2127806	20.573 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
6) S 2-Fluorobiphenyl (SURR)	8.880	1263035	21.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.30%
11) S ortho-Terphenyl (SURR)	11.935	2587779	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2410523	20.093 ug/ml
2) T Naphthalene (C11.7)	6.278	2369094	20.624 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	2340944	20.723 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2533081	20.292 ug/ml
7) T Acenaphthene (C15.5)	8.972	2597454	20.107 ug/ml
8) T Fluorene (C16.55)	9.765	2433635	20.373 ug/ml
9) T Phenanthrene (C19.36)	11.173	2302810	20.572 ug/ml
10) T Anthracene (C19.43)	11.250	2215965	20.664 ug/ml
12) T Fluoranthene (C21.85)	12.998	2398443	20.278 ug/ml
13) T Pyrene (C20.8)	13.297	2445541	20.425 ug/ml
14) T Benzo[a]anthracene (C...	15.182	1896037	20.660 ug/ml
15) T Chrysene (C27.41)	15.222	2420939	20.327 ug/ml
16) T benzo[b]fluoranthene ...	16.743	2089662	20.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	2391546	19.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	2081709	20.301 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	1548889	18.835 ug/mlm
20) T Dibenz[a,h]anthracene...	18.545	2353287	20.001 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2215623	19.359 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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