

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015238.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 18:45
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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	13473334	98.656 ug/ml
Spiked Amount 50.000		Recovery =	197.31%
6) S 2-Fluorobiphenyl (SURR)	8.870	9124066	104.358 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.72%#
11) S ortho-Terphenyl (SURR)	11.933	16061243	91.027 ug/ml
Spiked Amount 50.000		Recovery =	182.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	15267468	93.380 ug/ml
2) T Naphthalene (C11.7)	6.276	15698152	95.414 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	15952296	97.360 ug/ml
5) T Acenaphthylene (C15.06)	8.672	15815959	96.337 ug/ml
7) T Acenaphthene (C15.5)	8.973	16032251	95.211 ug/ml
8) T Fluorene (C16.55)	9.761	15744142	97.031 ug/ml
9) T Phenanthrene (C19.36)	11.166	15446040	93.999 ug/ml
10) T Anthracene (C19.43)	11.242	14086098	92.718 ug/ml
12) T Fluoranthene (C21.85)	12.989	15513262	91.766 ug/ml
13) T Pyrene (C20.8)	13.288	15324471	91.843 ug/ml
14) T Benzo[a]anthracene (C...	15.167	14342524	93.776 ug/ml
15) T Chrysene (C27.41)	15.216	14584566	92.516 ug/ml
16) T benzo[b]fluoranthene ...	16.728	14386286	94.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	13588027	94.915 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.112	13682965	94.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	13013123	101.563 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	12764611	84.027 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.748	13062459	94.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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