

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021025AR\
 Data File : FF015516.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 11:14
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 11 02:34:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 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	2656053	22.347 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
6) S 2-Fluorobiphenyl (SURR)	8.871	1644575	21.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.31%
11) S ortho-Terphenyl (SURR)	11.933	2963173	22.468 ug/ml
Spiked Amount 50.000		Recovery =	44.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	3094165	22.340 ug/ml
2) T Naphthalene (C11.7)	6.275	3045160	22.108 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2909420	21.887 ug/ml
5) T Acenaphthylene (C15.06)	8.670	3020819	22.341 ug/ml
7) T Acenaphthene (C15.5)	8.969	3035097	22.591 ug/ml
8) T Fluorene (C16.55)	9.758	2865104	22.062 ug/ml
9) T Phenanthrene (C19.36)	11.165	2645984	21.798 ug/ml
10) T Anthracene (C19.43)	11.240	2557282	21.336 ug/ml
12) T Fluoranthene (C21.85)	12.987	2719698	22.360 ug/ml
13) T Pyrene (C20.8)	13.285	2738396	22.502 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2212855	20.292 ug/ml
15) T Chrysene (C27.41)	15.210	2697920	22.627 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2511379	21.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2717434	22.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2474330	22.053 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	2136963	19.386 ug/mlm
20) T Dibenz[a,h]anthracene...	18.522	2915256	23.619 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.739	2776504	21.688 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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