

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015496.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 16:50
 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 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 10 00:36:36 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...	7.995	2424427	20.398 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
6) S 2-Fluorobiphenyl (SURR)	8.871	1517869	19.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.97%
11) S ortho-Terphenyl (SURR)	11.933	2685346	20.362 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2771852	20.013 ug/ml
2) T Naphthalene (C11.7)	6.275	2775054	20.147 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2667565	20.067 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2764695	20.447 ug/ml
7) T Acenaphthene (C15.5)	8.969	2758704	20.534 ug/ml
8) T Fluorene (C16.55)	9.759	2627636	20.233 ug/ml
9) T Phenanthrene (C19.36)	11.165	2426239	19.988 ug/ml
10) T Anthracene (C19.43)	11.240	2392686	19.963 ug/ml
12) T Fluoranthene (C21.85)	12.987	2451768	20.157 ug/ml
13) T Pyrene (C20.8)	13.285	2474747	20.336 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2033010	18.643 ug/ml
15) T Chrysene (C27.41)	15.210	2503254	20.994 ug/ml
16) T benzo[b]fluoranthene ...	16.728	2252033	19.511 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	2490028	20.619 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2335622	20.816 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2073231	18.808 ug/ml
20) T Dibenz[a,h]anthracene...	18.523	2512488	20.356 ug/ml
21) T Benzo[g,h,i]perylene ...	18.739	2523931	19.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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