

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045756.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 20:31
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/30/2023
 Supervised By :Ankita Jodhani 05/30/2023

Integration File: autoint1.e
 Quant Time: May 27 06:38:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:38:44 2023
 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...	7.545	17653356	97.618 ug/ml
Spiked Amount 50.000		Recovery =	195.24%
6) S 2-Fluorobiphenyl (SURR)	8.402	11878195	97.874 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.75%#
11) S ortho-Terphenyl (SURR)	11.445	21639379	97.103 ug/ml
Spiked Amount 50.000		Recovery =	194.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	19657018	97.490 ug/ml
2) T Naphthalene (C11.7)	5.884	20570498	97.420 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	20627588	97.678 ug/ml
5) T Acenaphthylene (C15.06)	8.207	18477869	97.245 ug/ml
7) T Acenaphthene (C15.5)	8.506	19746694	97.421 ug/ml
8) T Fluorene (C16.55)	9.284	19429933	97.554 ug/ml
9) T Phenanthrene (C19.36)	10.675	18785495	97.772 ug/ml
10) T Anthracene (C19.43)	10.749	14977659	91.353 ug/ml
12) T Fluoranthene (C21.85)	12.482	18097315	97.566 ug/ml
13) T Pyrene (C20.8)	12.778	17520830	97.465 ug/ml
14) T Benzo[a]anthracene (C...	14.640	15386956	97.745 ug/ml
15) T Chrysene (C27.41)	14.689	16052540	98.342 ug/ml
16) T benzo[b]fluoranthene ...	16.185	14969629	97.993 ug/ml
17) T Bnezo[k]fluoranthene ...	16.226	14510243	96.736 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.562	13769200	95.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	14141450	97.261 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	13545987	93.837 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.183	13979248	95.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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