

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045577.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 02:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
 Quant Time: May 04 05:27:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.543	3138742	21.710 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.400	2030709	21.777 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.55%
11) S ortho-Terphenyl (SURR)	11.441	3979426	22.235 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3622731	21.621 ug/ml
2) T Naphthalene (C11.7)	5.882	3703022	21.637 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3665078	21.663 ug/ml
5) T Acenaphthylene (C15.06)	8.204	3447728	22.790 ug/ml
7) T Acenaphthene (C15.5)	8.500	3570735	22.024 ug/ml
8) T Fluorene (C16.55)	9.278	3338443	21.673 ug/ml
9) T Phenanthrene (C19.36)	10.669	3267980	21.908 ug/ml
10) T Anthracene (C19.43)	10.742	2955145	22.877 ug/ml
12) T Fluoranthene (C21.85)	12.475	3219327	21.874 ug/ml
13) T Pyrene (C20.8)	12.770	3438560	23.970 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2776829	21.190 ug/ml
15) T Chrysene (C27.41)	14.676	3075217	22.528 ug/ml
16) T benzo[b]fluoranthene ...	16.178	2937383	21.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	2964024	22.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	2744973	21.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2736201	21.782 ug/mlm
20) T Dibenz[a,h]anthracene...	17.950	2472392	18.149 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.163	2746121	20.961 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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