

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030124AR\
 Data File : FD047372.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2024 12:47
 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 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e
 Quant Time: Mar 01 23:45:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.460	3172730	20.840 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
6) S 2-Fluorobiphenyl (SURR)	8.312	2068906	20.468 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.94%
11) S ortho-Terphenyl (SURR)	11.348	3567408	20.227 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3405580	21.602 ug/ml
2) T Naphthalene (C11.7)	5.801	3499533	21.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3495802	20.729 ug/ml
5) T Acenaphthylene (C15.06)	8.115	3161932	20.543 ug/ml
7) T Acenaphthene (C15.5)	8.410	3373552	20.467 ug/ml
8) T Flouorene (C16.55)	9.188	3239294	20.431 ug/ml
9) T Phenanthrene (C19.36)	10.576	3128842	20.140 ug/mlm
10) T Anthracene (C19.43)	10.650	2353377	15.959 ug/ml
12) T Fluoranthene (C21.85)	12.378	3081950	19.905 ug/ml
13) T Pyrene (C20.8)	12.672	2968582	19.734 ug/ml
14) T Benzo[a]anthracene (C...	14.535	2595233	19.306 ug/ml
15) T Chrysene (C27.41)	14.577	2822301	19.274 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2699969	19.610 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	2714533	19.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.452	2633170	19.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	2469836	19.564 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	2578727	19.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	2594298	19.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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