

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060524AR\
 Data File : FD047865.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2024 15:05
 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 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 03:49:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.436	2764431	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.288	1809609	19.540 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.08%
11) S ortho-Terphenyl (SURR)	11.327	3148076	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.252	3106265	19.668 ug/ml
2) T Naphthalene (C11.7)	5.775	3233747	19.811 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	3244140	19.688 ug/ml
5) T Acenaphthylene (C15.06)	8.091	3178854	19.449 ug/ml
7) T Acenaphthene (C15.5)	8.385	3207475	19.644 ug/ml
8) T Flouorene (C16.55)	9.164	3045038	19.356 ug/ml
9) T Phenanthrene (C19.36)	10.554	3014740	19.550 ug/ml
10) T Anthracene (C19.43)	10.629	2540859	16.901 ug/ml
12) T Fluoranthene (C21.85)	12.360	2988185	19.691 ug/ml
13) T Pyrene (C20.8)	12.654	2972308	19.716 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2557632	18.657 ug/mlm
15) T Chrysene (C27.41)	14.565	2893220	19.639 ug/ml
16) T benzo[b]fluoranthene ...	16.070	2685075	19.078 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.101	2643205	19.410 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	2569788	18.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	1876047	16.274 ug/mlm
20) T Dibenz[a,h]anthracene...	17.851	2290097	17.174 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	2387381	17.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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