

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048584.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 14:38
 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 10/25/2024
 Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e
 Quant Time: Oct 25 01:33:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.373	3015852	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
6) S 2-Fluorobiphenyl (SURR)	8.223	1961846	19.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.257	3355635	19.700 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3439779	19.772 ug/ml
2) T Naphthalene (C11.7)	5.713	3556267	19.930 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3555988	19.881 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3468413	19.753 ug/ml
7) T Acenaphthene (C15.5)	8.319	3496475	19.714 ug/ml
8) T Fluorene (C16.55)	9.098	3359712	19.876 ug/ml
9) T Phenanthrene (C19.36)	10.485	3268058	19.770 ug/ml
10) T Anthracene (C19.43)	10.560	3075816	19.235 ug/ml
12) T Fluoranthene (C21.85)	12.287	3241001	19.693 ug/ml
13) T Pyrene (C20.8)	12.581	3181898	19.754 ug/ml
14) T Benzo[a]anthracene (C...	14.450	2916875	19.949 ug/ml
15) T Chrysene (C27.41)	14.492	3233976	19.660 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3011382	19.808 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	2970181	19.761 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3012346	20.016 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.736	2564953	19.658 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	3347269	20.569 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3030558	19.796 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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