

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048282.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 10:54
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 11:27:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:53:21 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...	7.396	757871	4.996 ug/ml
Spiked Amount 50.000		Recovery =	9.99%
6) S 2-Fluorobiphenyl (SURR)	8.252	440302	4.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.04%
11) S ortho-Terphenyl (SURR)	11.278	877363	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	915922	5.242 ug/ml
2) T Naphthalene (C11.7)	5.737	928794	5.171 ug/ml
3) T 2-Methylnaphthalene (...)	6.783	912423	5.126 ug/ml
5) T Acenaphthylene (C15.06)	8.048	884617	5.079 ug/ml
7) T Acenaphthene (C15.5)	8.340	929168	5.284 ug/ml
8) T Flouorene (C16.55)	9.123	830263	4.948 ug/ml
9) T Phenanthrene (C19.36)	10.510	792099	4.883 ug/ml
10) T Anthracene (C19.43)	10.588	838119	5.338 ug/ml
12) T Fluoranthene (C21.85)	12.315	829047	5.143 ug/ml
13) T Pyrene (C20.8)	12.606	828436	5.210 ug/ml
14) T Benzo[a]anthracene (C...	14.477	610152	4.220 ug/ml
15) T Chrysene (C27.41)	14.515	891898	5.529 ug/ml
16) T benzo[b]fluoranthene ...	16.021	676478	4.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	828557	5.484 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.404	681662	4.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	430892	3.600 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	773973	5.090 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.013	718269	4.842 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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