

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061324AR\
 Data File : FD047937.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 11:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 04:51:47 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...	7.425	2860654	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
6) S 2-Fluorobiphenyl (SURR)	8.277	1886235	20.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.314	3229856	20.201 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	3194869	20.229 ug/ml
2) T Naphthalene (C11.7)	5.765	3351737	20.534 ug/ml
3) T 2-Methylnaphthalene (...)	6.813	3372341	20.466 ug/ml
5) T Acenaphthylene (C15.06)	8.080	3317837	20.299 ug/ml
7) T Acenaphthene (C15.5)	8.374	3333328	20.415 ug/ml
8) T Flouorene (C16.55)	9.152	3189677	20.276 ug/ml
9) T Phenanthrene (C19.36)	10.616	3028771	19.641 ug/ml
10) T Anthracene (C19.43)	10.616	3028771	20.147 ug/ml
12) T Fluoranthene (C21.85)	12.347	3073821	20.255 ug/ml
13) T Pyrene (C20.8)	12.640	3051197	20.239 ug/ml
14) T Benzo[a]anthracene (C...	14.509	2803361	20.450 ug/mlm
15) T Chrysene (C27.41)	14.551	3040079	20.636 ug/ml
16) T benzo[b]fluoranthene ...	16.055	2918506	20.737 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.087	2856902	20.979 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2842867	20.538 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2457651	21.319 ug/mlm
20) T Dibenz[a,h]anthracene...	17.835	2944991	22.085 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2900089	21.807 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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