

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112124AR\
 Data File : FD048796.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2024 14:23
 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 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
 Quant Time: Nov 22 00:51:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.364	3598293	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
6) S 2-Fluorobiphenyl (SURR)	8.215	2366714	20.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.10%
11) S ortho-Terphenyl (SURR)	11.251	3963652	20.608 ug/mlm
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	3933201	20.870 ug/ml
2) T Naphthalene (C11.7)	5.705	4030398	20.608 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	3949690	20.668 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4016629	20.712 ug/ml
7) T Acenaphthene (C15.5)	8.311	3979721	20.691 ug/ml
8) T Fluorene (C16.55)	9.091	3974405	20.716 ug/ml
9) T Phenanthrene (C19.36)	10.478	3801775	20.740 ug/ml
10) T Anthracene (C19.43)	10.554	3563901	19.031 ug/ml
12) T Fluoranthene (C21.85)	12.283	3804693	20.777 ug/ml
13) T Pyrene (C20.8)	12.575	3691796	20.420 ug/ml
14) T Benzo[a]anthracene (C...	14.446	3372442	20.501 ug/ml
15) T Chrysene (C27.41)	14.488	3575519	20.430 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3173273	20.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.025	3493668	21.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	2976888	19.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2453979	19.865 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	3459264	22.060 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	2721456	19.073 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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