

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048324.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 13:12
 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 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 05:10:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.388	3097518	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
6) S 2-Fluorobiphenyl (SURR)	8.239	1920307	20.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.20%
11) S ortho-Terphenyl (SURR)	11.273	3515157	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	3662941	20.764 ug/ml
2) T Naphthalene (C11.7)	5.728	3725807	20.603 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	3667213	20.498 ug/ml
5) T Acenaphthylene (C15.06)	8.040	3552513	20.333 ug/ml
7) T Acenaphthene (C15.5)	8.334	3628437	20.401 ug/ml
8) T Fluorene (C16.55)	9.113	3350139	20.007 ug/ml
9) T Phenanthrene (C19.36)	10.500	3240716	20.073 ug/ml
10) T Anthracene (C19.43)	10.576	2865000	18.004 ug/ml
12) T Fluoranthene (C21.85)	12.304	3235296	19.957 ug/ml
13) T Pyrene (C20.8)	12.597	3276123	20.433 ug/ml
14) T Benzo[a]anthracene (C...	14.465	2695706	19.244 ug/ml
15) T Chrysene (C27.41)	14.506	3278752	19.905 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2869190	19.311 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	2970463	19.287 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.386	2821221	19.068 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	1675970	14.832 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	2545505	16.680 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	2518158	17.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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