

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092324AR\
 Data File : FD048373.D
 Signal(s) : FID2B.ch
 Acq On : 23 Sep 2024 10:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:05 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...	7.384	3351186	22.096 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
6) S 2-Fluorobiphenyl (SURR)	8.234	2144095	22.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.88%
11) S ortho-Terphenyl (SURR)	11.270	3838137	22.371 ug/ml
Spiked Amount 50.000		Recovery =	44.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3816246	21.633 ug/ml
2) T Naphthalene (C11.7)	5.724	3974296	21.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	3896871	21.781 ug/ml
5) T Acenaphthylene (C15.06)	8.037	3812007	21.818 ug/ml
7) T Acenaphthene (C15.5)	8.331	3878650	21.808 ug/ml
8) T Fluorene (C16.55)	9.109	3720897	22.221 ug/ml
9) T Phenanthrene (C19.36)	10.497	3669149	22.727 ug/ml
10) T Anthracene (C19.43)	10.571	3177688	19.969 ug/ml
12) T Fluoranthene (C21.85)	12.301	3700161	22.825 ug/ml
13) T Pyrene (C20.8)	12.594	3671677	22.900 ug/ml
14) T Benzo[a]anthracene (C...	14.462	3287339	23.468 ug/ml
15) T Chrysene (C27.41)	14.505	3672831	22.298 ug/ml
16) T benzo[b]fluoranthene ...	16.008	3512743	23.643 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	3429083	22.265 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	3411754	23.060 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	2676681	23.689 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	3570998	23.399 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	3393654	23.023 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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