

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048547.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 12:09
 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 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 05:08:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.373	3411038	20.602 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
6) S 2-Fluorobiphenyl (SURR)	8.223	2215061	21.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.258	3793765	20.619 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	3910031	22.310 ug/ml
2) T Naphthalene (C11.7)	5.714	4032988	21.600 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	4003544	21.184 ug/ml
5) T Acenaphthylene (C15.06)	8.026	3896360	20.310 ug/ml
7) T Acenaphthene (C15.5)	8.320	3957551	20.922 ug/ml
8) T Flouorene (C16.55)	9.098	3773985	20.888 ug/ml
9) T Phenanthrene (C19.36)	10.485	3668698	20.700 ug/ml
10) T Anthracene (C19.43)	10.560	3226280	18.131 ug/ml
12) T Fluoranthene (C21.85)	12.288	3651993	20.191 ug/ml
13) T Pyrene (C20.8)	12.581	3613332	20.179 ug/ml
14) T Benzo[a]anthracene (C...	14.450	3292658	20.603 ug/ml
15) T Chrysene (C27.41)	14.491	3625013	19.434 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3456324	20.754 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.028	3339092	19.671 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.372	3388070	20.729 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	2964224	22.535 ug/mlm
20) T Dibenz[a,h]anthracene...	17.775	3595036	21.484 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	3439110	21.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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