

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043327.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 07:34
 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 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 24 22:57:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.619	3309031	21.430 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
6) S 2-Fluorobiphenyl (SURR)	8.482	2128735	20.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.528	3944712	21.704 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	3872179	23.055 ug/ml
2) T Naphthalene (C11.7)	5.955	3831433	21.885 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	3472521	21.589 ug/ml
5) T Acenaphthylene (C15.06)	8.285	3688367	20.751 ug/ml
7) T Acenaphthene (C15.5)	8.581	3804191	21.724 ug/ml
8) T Flouorene (C16.55)	9.363	3556809	20.519 ug/ml
9) T Phenanthrene (C19.36)	10.759	3367788	19.636 ug/ml
10) T Anthracene (C19.43)	10.833	2527766	14.879 ug/ml
12) T Fluoranthene (C21.85)	12.573	3336822	19.896 ug/ml
13) T Pyrene (C20.8)	12.870	3305074	20.280 ug/mlm
14) T Benzo[a]anthracene (C...	14.741	2714549	17.480 ug/mlm
15) T Chrysene (C27.41)	14.784	3008108	19.059 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2940265	19.288 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.325	2849818	19.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2547366	17.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	2270054	18.141 ug/mlm
20) T Dibenz[a,h]anthracene...	18.074	2577237	19.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2725337	20.895 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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