

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043305.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2022 12:37
 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 22 15:24:53 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 : Rx1-1ms
 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	3662724	23.721 ug/ml
Spiked Amount 50.000		Recovery =	47.44%
6) S 2-Fluorobiphenyl (SURR)	8.481	2344899	22.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.46%
11) S ortho-Terphenyl (SURR)	11.526	4341365	23.886 ug/ml
Spiked Amount 50.000		Recovery =	47.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4253420	25.325 ug/ml
2) T Naphthalene (C11.7)	5.954	4201114	23.997 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	3800308	23.627 ug/ml
5) T Acenaphthylene (C15.06)	8.284	4057388	22.827 ug/ml
7) T Acenaphthene (C15.5)	8.581	4172360	23.827 ug/ml
8) T Flouorene (C16.55)	9.362	3905948	22.533 ug/ml
9) T Phenanthrene (C19.36)	10.758	3702818	21.589 ug/ml
10) T Anthracene (C19.43)	10.832	2783592	16.384 ug/ml
12) T Fluoranthene (C21.85)	12.570	3702297	22.075 ug/ml
13) T Pyrene (C20.8)	12.867	3620952	22.219 ug/mlm
14) T Benzo[a]anthracene (C...	14.740	2921965	18.815 ug/mlm
15) T Chrysene (C27.41)	14.782	3263338	20.676 ug/ml
16) T benzo[b]fluoranthene ...	16.291	3099995	20.336 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.323	3046465	20.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2658593	18.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	2180956	17.429 ug/mlm
20) T Dibenz[a,h]anthracene...	18.073	2398599	17.842 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	2768489	21.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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