

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042110.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 20:20
 Operator : UA/NP
 Sample : PB144334BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144334BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e
 Quant Time: Apr 27 00:39:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.331	5796612	41.355 ug/ml
Spiked Amount 50.000		Recovery =	82.71%
6) S 2-Fluorobiphenyl (SURR)	8.180	3694798	51.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.71%
11) S ortho-Terphenyl (SURR)	11.208	6423506	37.059 ug/ml
Spiked Amount 50.000		Recovery =	74.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	4969409	31.921 ug/mlm
2) T Naphthalene (C11.7)	5.673	5806740	36.810 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	5637420	38.985 ug/ml
5) T Acenaphthylene (C15.06)	7.981	5928338	35.972 ug/ml
7) T Acenaphthene (C15.5)	8.275	6784389	36.136 ug/ml
8) T Flouorene (C16.55)	9.052	6536926	42.917 ug/ml
9) T Phenanthrene (C19.36)	10.439	6721308	45.265 ug/ml
10) T Anthracene (C19.43)	10.515	7022601	41.948 ug/ml
12) T Fluoranthene (C21.85)	12.241	6733538	42.927 ug/mlm
13) T Pyrene (C20.8)	12.534	6827330	41.859 ug/ml
14) T Benzo[a]anthracene (C...	14.405	6241604	52.179 ug/ml
15) T Chrysene (C27.41)	14.447	6218843	33.897 ug/mlm
16) T benzo[b]fluoranthene ...	15.953	6135693	46.731 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	6656047	38.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	5596158	37.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	5610356	56.209 ug/mlm
20) T Dibenz[a,h]anthracene...	17.734	6299258	40.134 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	6130062	44.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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