

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039629.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 3:55
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 04:20:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 Qlast Update : Wed Nov 24 04:11:23 2021
 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...	7.745	539989	4.796 ug/ml
Spiked Amount 50.000		Recovery =	9.59%
6) S 2-Fluorobiphenyl (SURR)	8.615	346840	4.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.12%
11) S ortho-Terphenyl (SURR)	11.655	638591	5.219 ug/ml
Spiked Amount 50.000		Recovery =	10.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	636490	5.245 ug/ml
2) T Naphthalene (C11.7)	6.081	623340	4.865 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	633485	4.851 ug/ml
5) T Acenaphthylene (C15.06)	8.415	586545	4.864 ug/ml
7) T Acenaphthene (C15.5)	8.711	624855	4.879 ug/ml
8) T Flouorene (C16.55)	9.494	582390	4.695 ug/ml
9) T Phenanthrene (C19.36)	10.896	578672	4.802 ug/ml
10) T Anthracene (C19.43)	10.972	602091	4.993 ug/ml
12) T Fluoranthene (C21.85)	12.711	588083	4.966 ug/ml
13) T Pyrene (C20.8)	13.010	535549	4.679 ug/ml
14) T Benzo[a]anthracene (C...	14.884	433764	4.381 ug/ml
15) T Chrysene (C27.41)	14.925	595210	5.257 ug/ml
16) T benzo[b]fluoranthene ...	16.436	460911	4.705 ug/ml
17) T Bnezo[k]fluoranthene ...	16.467	554709	5.326 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	446928	4.569 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.185	421345	4.584 ug/ml
20) T Dibenz[a,h]anthracene...	18.223	548850	5.279 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	490674	4.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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