

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038336.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jul 2021 14:53
 Operator : AJ\MA
 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

mohammad
 7/23/2021 4:39:30 PM

Integration File: autoint1.e
 Quant Time: Jul 23 15:23:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.507	2662964	20.433 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
6) S 2-Fluorobiphenyl (SURR)	8.369	1697439	19.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.36%
11) S ortho-Terphenyl (SURR)	11.404	2873664	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3141009	22.175 ug/mlm
2) T Naphthalene (C11.7)	5.846	3112136	21.050 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	3013940	20.536 ug/ml
5) T Acenaphthylene (C15.06)	8.170	2917939	19.561 ug/ml
7) T Acenaphthene (C15.5)	8.465	3011460	19.449 ug/ml
8) T Flouorene (C16.55)	9.246	2760330	18.830 ug/ml
9) T Phenanthrene (C19.36)	10.640	2582204	17.863 ug/ml
10) T Anthracene (C19.43)	10.715	2414689	17.068 ug/ml
12) T Fluoranthene (C21.85)	12.451	2519083	17.388 ug/ml
13) T Pyrene (C20.8)	12.748	2515134	17.651 ug/ml
14) T Benzo[a]anthracene (C...	14.620	2405862	18.843 ug/ml
15) T Chrysene (C27.41)	14.662	2564537	18.114 ug/ml
16) T benzo[b]fluoranthene ...	16.174	2554390	20.484 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2557706	19.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	2394676	20.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	2405398	23.240 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	2638280	22.383 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2492562	22.836 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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