

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039908.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 8:53
 Operator : AJ\MA
 Sample : M5011-20MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 HSB-9-(12.5-13)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 10:44:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 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...	6.918	7336494	51.602 ug/mlm
Spiked Amount 50.000		Recovery =	103.20%
6) S 2-Fluorobiphenyl (SURR)	7.774	5095042	51.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	10.816	6940286	45.590 ug/ml
Spiked Amount 50.000		Recovery =	91.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.750	3959540	26.146 ug/mlm
2) T Naphthalene (C11.7)	5.260	4694153	29.208 ug/ml
3) T 2-Methylnaphthalene (...)	6.306	5423041	33.376 ug/ml
5) T Acenaphthylene (C15.06)	7.578	6388453	42.704 ug/ml
7) T Acenaphthene (C15.5)	7.874	7104115	44.712 ug/ml
8) T Fluorene (C16.55)	8.653	7860396	49.958 ug/ml
9) T Phenanthrene (C19.36)	10.047	8689637	56.004 ug/ml
10) T Anthracene (C19.43)	10.122	8501091	56.955 ug/ml
12) T Fluoranthene (C21.85)	11.856	8881280	58.064 ug/ml
13) T Pyrene (C20.8)	12.151	8784148	58.930 ug/mlm
14) T Benzo[a]anthracene (C...	14.020	8529671	63.217 ug/mlm
15) T Chrysene (C27.41)	14.066	8469042	60.227 ug/mlm
16) T benzo[b]fluoranthene ...	15.570	8323671	62.045 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.607	8160954	60.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.948	7324622	56.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.311	7327942	59.831 ug/mlm
20) T Dibenz[a,h]anthracene...	17.354	7530769	61.419 ug/ml
21) T Benzo[g,h,i]perylene ...	17.570	7446684	59.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

