

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039634.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 7:01
 Operator : AJ\MA
 Sample : M4386-17DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PT-NJEPH-SOILD

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 08:17:41 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M

Quant Title : GC Extractables

QLast Update : Wed Nov 24 04:30:20 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...	7.743	533312	4.767 ug/mlm
Spiked Amount 50.000		Recovery =	9.53%
6) S 2-Fluorobiphenyl (SURR)	8.615	334271	4.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.91%
11) S ortho-Terphenyl (SURR)	11.654	630282	5.096 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	627120	5.063 ug/ml
2) T Naphthalene (C11.7)	6.081	618102	4.833 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	625545	4.815 ug/ml
5) T Acenaphthylene (C15.06)	8.415	583513	4.860 ug/ml
7) T Acenaphthene (C15.5)	8.710	601471	4.723 ug/ml
8) T Fluorene (C16.55)	9.494	578538	4.710 ug/ml
9) T Phenanthrene (C19.36)	10.895	561990	4.685 ug/ml
10) T Anthracene (C19.43)	10.971	587086	4.902 ug/ml
12) T Fluoranthene (C21.85)	12.710	564205	4.733 ug/ml
13) T Pyrene (C20.8)	13.008	526791	4.633 ug/mlm
14) T Benzo[a]anthracene (C...	14.883	440885	4.511 ug/mlm
15) T Chrysene (C27.41)	14.924	576606	5.065 ug/ml
16) T benzo[b]fluoranthene ...	16.434	466195	4.739 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.465	552708	5.223 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	444274	4.610 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.183	420013	4.506 ug/mlm
20) T Dibenz[a,h]anthracene...	18.222	533807	5.212 ug/ml
21) T Benzo[g,h,i]perylene ...	18.435	491077	4.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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