

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041822.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 22:57
 Operator : UA/NP
 Sample : N2161-05MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

S-4MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e

Quant Time: Mar 31 01:24:01 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M

Quant Title : GC Extractables

QLast Update : Tue Mar 29 12:14:13 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...	7.347	6156532	38.385 ug/ml
Spiked Amount 50.000		Recovery =	76.77%
6) S 2-Fluorobiphenyl (SURR)	8.196	3973677	40.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.43%
11) S ortho-Terphenyl (SURR)	11.227	4831560	24.854 ug/ml
Spiked Amount 50.000		Recovery =	49.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	4867276	27.788 ug/ml
2) T Naphthalene (C11.7)	5.689	5242756	29.715 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5344316	33.404 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5558515	30.037 ug/ml
7) T Acenaphthene (C15.5)	8.292	6234137	32.474 ug/ml
8) T Flouorene (C16.55)	9.070	6018866	34.117 ug/ml
9) T Phenanthrene (C19.36)	10.458	6357789	36.449 ug/ml
10) T Anthracene (C19.43)	10.533	6421293	35.279 ug/ml
12) T Fluoranthene (C21.85)	12.261	6503384	36.838 ug/ml
13) T Pyrene (C20.8)	12.554	6211617	36.740 ug/ml
14) T Benzo[a]anthracene (C...	14.424	5452356	36.464 ug/ml
15) T Chrysene (C27.41)	14.465	5439384	30.220 ug/ml
16) T benzo[b]fluoranthene ...	15.969	5296011	35.714 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.004	5390899	32.625 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	4793890	34.082 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.713	4997457	45.373 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	5440421	37.579 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	5342374	40.254 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

