

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041823.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 23:36
 Operator : UA/NP
 Sample : N2161-05MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

S-4MSD

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 01:24:14 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	5386242	33.582 ug/ml
Spiked Amount 50.000		Recovery =	67.16%
6) S 2-Fluorobiphenyl (SURR)	8.196	3422412	34.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.27%
11) S ortho-Terphenyl (SURR)	11.225	4180051	21.503 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	4345966	24.812 ug/ml
2) T Naphthalene (C11.7)	5.689	4561696	25.855 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	4661957	29.139 ug/ml
5) T Acenaphthylene (C15.06)	7.998	4850751	26.212 ug/ml
7) T Acenaphthene (C15.5)	8.291	5440642	28.341 ug/ml
8) T Flouorene (C16.55)	9.069	5219069	29.583 ug/ml
9) T Phenanthrene (C19.36)	10.456	5497018	31.515 ug/ml
10) T Anthracene (C19.43)	10.531	5574472	30.627 ug/ml
12) T Fluoranthene (C21.85)	12.259	5636106	31.926 ug/ml
13) T Pyrene (C20.8)	12.551	5368219	31.752 ug/ml
14) T Benzo[a]anthracene (C...	14.420	4754909	31.799 ug/ml
15) T Chrysene (C27.41)	14.462	4787360	26.597 ug/ml
16) T benzo[b]fluoranthene ...	15.970	4756816	32.078 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	4932248	29.849 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344	4312461	30.659 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.713	4411011	40.049 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	4880130	33.709 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	4762219	35.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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