

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037430.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 13:44
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

Ankita
 5/11/2021 1:47:43 PM

Integration File: autoint1.e
 Quant Time: May 11 04:16:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.565	4397499	37.192 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
6) S 2-Fluorobiphenyl (SURR)	8.426	2715435	35.191 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	70.38%
11) S ortho-Terphenyl (SURR)	11.468	4704520	38.088 ug/ml
Spiked Amount 50.000		Recovery =	76.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	307303	2.311 ug/ml
2) T Naphthalene (C11.7)	5.902	332333	2.418 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	333234	2.485 ug/ml
5) T Acenaphthylene (C15.06)	8.227	308551	2.467 ug/ml
7) T Acenaphthene (C15.5)	8.521	324824	2.514 ug/mlm
8) T Flouorene (C16.55)	9.302	309605	2.528 ug/ml
9) T Phenanthrene (C19.36)	10.697	324158	2.750 ug/ml
10) T Anthracene (C19.43)	10.771	311182	2.702 ug/ml
12) T Fluoranthene (C21.85)	12.506	373066	3.199 ug/ml
13) T Pyrene (C20.8)	12.803	379642	3.298 ug/ml
14) T Benzo[a]anthracene (C...	14.672	346844	3.151 ug/mlm
15) T Chrysene (C27.41)	14.714	393634	3.477 ug/mlm
16) T benzo[b]fluoranthene ...	16.221	386289	3.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.251	378404	3.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	361930	3.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	329511	3.098 ug/mlm
20) T Dibenz[a,h]anthracene...	18.003	344928	3.301 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.215	362525	3.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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