

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045418.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 20:25
 Operator : YP/AJ
 Sample : 02213-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.552	6024455	43.971 ug/ml
Spiked Amount 50.000		Recovery =	87.94%
6) S 2-Fluorobiphenyl (SURR)	8.408	3782488	42.193 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	84.39%
11) S ortho-Terphenyl (SURR)	11.449	6424964	36.928 ug/ml
Spiked Amount 50.000		Recovery =	73.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	312191	2.004 ug/ml
2) T Naphthalene (C11.7)	5.890	354106	2.203 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	356528	2.227 ug/ml
5) T Acenaphthylene (C15.06)	8.209	330423	2.257 ug/ml
7) T Acenaphthene (C15.5)	8.504	344443	2.221 ug/ml
8) T Fluorene (C16.55)	9.282	343588	2.317 ug/ml
9) T Phenanthrene (C19.36)	10.672	324783	2.242 ug/ml
10) T Anthracene (C19.43)	10.746	319336	2.310 ug/ml
12) T Fluoranthene (C21.85)	12.476	327316	2.275 ug/ml
13) T Pyrene (C20.8)	12.771	317458	2.258 ug/ml
14) T Benzo[a]anthracene (C...	14.634	321312	2.505 ug/ml
15) T Chrysene (C27.41)	14.675	333238	2.513 ug/ml
16) T benzo[b]fluoranthene ...	16.173	310053	2.387 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	323960	2.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.550	286470	2.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	475195	4.015 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	648517	5.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	435772	3.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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