

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045419.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 21:15
 Operator : YP/AJ
 Sample : 02213-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 60 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:15 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...	7.549	6314419	46.088 ug/ml
Spiked Amount 50.000		Recovery =	92.18%
6) S 2-Fluorobiphenyl (SURR)	8.405	4095422	45.684 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	91.37%
11) S ortho-Terphenyl (SURR)	11.446	6367938	36.601 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	479065	3.075 ug/ml
2) T Naphthalene (C11.7)	5.886	539479	3.357 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	547494	3.420 ug/ml
5) T Acenaphthylene (C15.06)	8.206	524957	3.585 ug/ml
7) T Acenaphthene (C15.5)	8.500	537744	3.467 ug/ml
8) T Fluorene (C16.55)	9.279	532606	3.592 ug/ml
9) T Phenanthrene (C19.36)	10.669	484807	3.347 ug/ml
10) T Anthracene (C19.43)	10.743	477045	3.451 ug/ml
12) T Fluoranthene (C21.85)	12.472	495993	3.447 ug/ml
13) T Pyrene (C20.8)	12.767	490763	3.490 ug/ml
14) T Benzo[a]anthracene (C...	14.631	449019	3.501 ug/ml
15) T Chrysene (C27.41)	14.672	467695	3.527 ug/ml
16) T benzo[b]fluoranthene ...	16.171	427991	3.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	429797	3.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	371342	2.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	377664	3.191 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	427069	3.585 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	406770	3.257 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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