

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048091.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 08:19
 Operator : YP/AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:48:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.407	7657583	51.523 ug/ml
Spiked Amount 50.000		Recovery =	103.05%
6) S 2-Fluorobiphenyl (SURR)	8.257	4952323	52.328 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	104.66%
11) S ortho-Terphenyl (SURR)	11.297	7977553	47.679 ug/ml
Spiked Amount 50.000		Recovery =	95.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	504045	3.010 ug/ml
2) T Naphthalene (C11.7)	5.746	546532	3.163 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	576283	3.322 ug/ml
5) T Acenaphthylene (C15.06)	8.059	592474	3.457 ug/ml
7) T Acenaphthene (C15.5)	8.352	646544	3.727 ug/ml
8) T Fluorene (C16.55)	9.132	576598	3.550 ug/ml
9) T Phenanthrene (C19.36)	10.521	538063	3.388 ug/ml
10) T Anthracene (C19.43)	10.596	538859	3.413 ug/ml
12) T Fluoranthene (C21.85)	12.325	665258	4.202 ug/ml
13) T Pyrene (C20.8)	12.618	588819	3.724 ug/ml
14) T Benzo[a]anthracene (C...	14.488	477977	3.501 ug/ml
15) T Chrysene (C27.41)	14.528	563020	3.493 ug/ml
16) T benzo[b]fluoranthene ...	16.032	496357	3.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	570566	3.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	498190	3.517 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	435971	3.865 ug/ml
20) T Dibenz[a,h]anthracene...	17.820	602132	4.143 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	511597	3.472 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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