

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046283.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 14:50
 Operator : YP/AJ
 Sample : 03572-01
 Misc : LOD 4 PPM
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 05:45:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.502	4904058	32.808 ug/ml
Spiked Amount 50.000		Recovery =	65.62%
6) S 2-Fluorobiphenyl (SURR)	8.355	3113515	33.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.52%
11) S ortho-Terphenyl (SURR)	11.396	7927300	45.392 ug/ml
Spiked Amount 50.000		Recovery =	90.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	606880	3.331 ug/ml
2) T Naphthalene (C11.7)	5.842	596368	3.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	576676	3.277 ug/ml
5) T Acenaphthylene (C15.06)	8.158	505123	3.311 ug/ml
7) T Acenaphthene (C15.5)	8.452	551142	3.380 ug/ml
8) T Fluorene (C16.55)	9.231	494476	3.250 ug/ml
9) T Phenanthrene (C19.36)	10.619	479265	3.328 ug/ml
10) T Anthracene (C19.43)	10.693	424529	3.244 ug/ml
12) T Fluoranthene (C21.85)	12.421	492049	3.521 ug/ml
13) T Pyrene (C20.8)	12.715	496945	3.586 ug/ml
14) T Benzo[a]anthracene (C...	14.578	394321	3.004 ug/ml
15) T Chrysene (C27.41)	14.620	548856	3.893 ug/ml
16) T benzo[b]fluoranthene ...	16.118	402833	2.945 ug/ml
17) T Bnezo[k]fluoranthene ...	16.149	426898	3.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	362745	2.786 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	282383	2.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	321349	2.513 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	317348	2.501 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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