

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02223AR\
 Data File : FD045119.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 02:18
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.554	7035930	52.460 ug/ml
Spiked Amount 50.000		Recovery =	104.92%
6) S 2-Fluorobiphenyl (SURR)	8.409	4676775	52.184 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	104.37%
11) S ortho-Terphenyl (SURR)	11.451	7485898	44.508 ug/ml
Spiked Amount 50.000		Recovery =	89.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	350144	2.339 ug/ml
2) T Naphthalene (C11.7)	5.889	405227	2.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	403880	2.582 ug/ml
5) T Acenaphthylene (C15.06)	8.210	372923	2.612 ug/mlm
7) T Acenaphthene (C15.5)	8.505	394327	2.615 ug/ml
8) T Flouorene (C16.55)	9.283	392823	2.665 ug/mlm
9) T Phenanthrene (C19.36)	10.674	375552	2.594 ug/ml
10) T Anthracene (C19.43)	10.748	344778	2.547 ug/ml
12) T Fluoranthene (C21.85)	12.478	427486	2.982 ug/ml
13) T Pyrene (C20.8)	12.774	406080	2.900 ug/mlm
14) T Benzo[a]anthracene (C...	14.637	361363	2.840 ug/mlm
15) T Chrysene (C27.41)	14.679	427703	3.230 ug/mlm
16) T benzo[b]fluoranthene ...	16.178	369771	2.819 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.210	358327	2.763 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	309958	2.415 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	306589	2.441 ug/mlm
20) T Dibenz[a,h]anthracene...	17.954	318097	2.601 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	329003	2.593 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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