

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
 Data File : FD045120.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 02:57
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:24 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...	7.556	6910769	51.527 ug/ml
Spiked Amount 50.000		Recovery =	103.05%
6) S 2-Fluorobiphenyl (SURR)	8.412	4531886	50.567 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	101.13%
11) S ortho-Terphenyl (SURR)	11.454	6875050	40.876 ug/ml
Spiked Amount 50.000		Recovery =	81.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	504314	3.369 ug/ml
2) T Naphthalene (C11.7)	5.893	582088	3.707 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	580242	3.709 ug/ml
5) T Acenaphthylene (C15.06)	8.213	544285	3.812 ug/ml
7) T Acenaphthene (C15.5)	8.508	570038	3.780 ug/mlm
8) T Fluorene (C16.55)	9.286	576547	3.911 ug/ml
9) T Phenanthrene (C19.36)	10.677	551009	3.806 ug/ml
10) T Anthracene (C19.43)	10.750	546022	4.033 ug/ml
12) T Fluoranthene (C21.85)	12.481	564941	3.941 ug/ml
13) T Pyrene (C20.8)	12.775	558330	3.987 ug/ml
14) T Benzo[a]anthracene (C...	14.639	507373	3.988 ug/mlm
15) T Chrysene (C27.41)	14.680	510764	3.857 ug/mlm
16) T benzo[b]fluoranthene ...	16.180	516508	3.938 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.212	511827	3.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	460759	3.590 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	471184	3.751 ug/mlm
20) T Dibenz[a,h]anthracene...	17.956	458493	3.749 ug/ml
21) T Benzo[g,h,i]perylene ...	18.164	489206	3.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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