

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045154.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 09:52
 Operator : YP/AJ
 Sample : 01657-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-17-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:00:27 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...	7.555	6220200	46.378 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
6) S 2-Fluorobiphenyl (SURR)	8.411	4134504	46.133 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.27%
11) S ortho-Terphenyl (SURR)	11.450	4769421	28.357 ug/ml
Spiked Amount 50.000		Recovery =	56.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	4432839	29.609 ug/ml
2) T Naphthalene (C11.7)	5.893	5077553	32.340 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	5130036	32.790 ug/ml
5) T Acenaphthylene (C15.06)	8.215	5513719	38.616 ug/ml
7) T Acenaphthene (C15.5)	8.511	5546856	36.784 ug/ml
8) T Fluorene (C16.55)	9.289	5681656	38.546 ug/ml
9) T Phenanthrene (C19.36)	10.680	5660904	39.106 ug/ml
10) T Anthracene (C19.43)	10.755	5555287	41.031 ug/ml
12) T Fluoranthene (C21.85)	12.486	5558338	38.779 ug/ml
13) T Pyrene (C20.8)	12.781	5451449	38.932 ug/ml
14) T Benzo[a]anthracene (C...	14.646	5065976	39.821 ug/ml
15) T Chrysene (C27.41)	14.689	5029446	37.984 ug/mlm
16) T benzo[b]fluoranthene ...	16.188	4953388	37.769 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.224	4761629	36.718 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	4473561	34.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	4916551	39.143 ug/mlm
20) T Dibenz[a,h]anthracene...	17.967	4696324	38.398 ug/ml
21) T Benzo[g,h,i]perylene ...	18.180	4783651	37.706 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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