

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047086.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 09:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 26 10:33:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3742676	22.576 ug/ml
Spiked Amount 50.000		Recovery =	45.15%
6) S 2-Fluorobiphenyl (SURR)	8.323	2307781	22.146 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.29%
11) S ortho-Terphenyl (SURR)	11.359	4369215	22.625 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	4079712	22.612 ug/ml
2) T Naphthalene (C11.7)	5.811	4150305	22.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	4118458	22.438 ug/ml
5) T Acenaphthylene (C15.06)	8.127	3763899	22.439 ug/ml
7) T Acenaphthene (C15.5)	8.421	4040555	22.465 ug/ml
8) T Fluorene (C16.55)	9.199	3668209	22.131 ug/ml
9) T Phenanthrene (C19.36)	10.587	3448613	22.109 ug/ml
10) T Anthracene (C19.43)	10.661	3045833	21.028 ug/ml
12) T Fluoranthene (C21.85)	12.389	3393057	22.415 ug/ml
13) T Pyrene (C20.8)	12.683	3275931	22.337 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2620649	21.296 ug/ml
15) T Chrysene (C27.41)	14.588	2933617	20.899 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2838045	22.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	2974927	22.367 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2723376	21.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2226535	20.084 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2311557	18.091 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2748165	21.451 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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