

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047694.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 09:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 11 00:53:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.461	3605431	22.990 ug/ml
Spiked Amount 50.000		Recovery =	45.98%
6) S 2-Fluorobiphenyl (SURR)	8.315	2403779	22.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.96%
11) S ortho-Terphenyl (SURR)	11.355	4191241	22.349 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3753278	23.214 ug/ml
2) T Naphthalene (C11.7)	5.799	3924541	23.194 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3956808	23.229 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3627667	22.244 ug/ml
7) T Acenaphthene (C15.5)	8.413	3886505	23.121 ug/ml
8) T Flouorene (C16.55)	9.193	3765137	22.635 ug/ml
9) T Phenanthrene (C19.36)	10.583	3666406	22.395 ug/ml
10) T Anthracene (C19.43)	10.657	2990874	19.968 ug/ml
12) T Fluoranthene (C21.85)	12.389	3642372	21.951 ug/ml
13) T Pyrene (C20.8)	12.683	3530162	21.696 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3116985	21.353 ug/ml
15) T Chrysene (C27.41)	14.595	3382583	21.465 ug/ml
16) T benzo[b]fluoranthene ...	16.100	3199759	21.423 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	3221709	21.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	3082973	21.366 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2843995	20.955 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	3067468	21.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	3027615	22.052 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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