

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046992.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 08:12
 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: Dec 06 13:17:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.474	3768968	21.785 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
6) S 2-Fluorobiphenyl (SURR)	8.327	2440342	22.442 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.88%
11) S ortho-Terphenyl (SURR)	11.365	4565479	22.943 ug/ml
Spiked Amount 50.000		Recovery =	45.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3894716	20.932 ug/ml
2) T Naphthalene (C11.7)	5.814	4097926	21.519 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	4155010	21.576 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3835723	22.035 ug/ml
7) T Acenaphthene (C15.5)	8.425	4094848	22.080 ug/ml
8) T Flouorene (C16.55)	9.205	3857154	22.346 ug/ml
9) T Phenanthrene (C19.36)	10.593	3728132	22.707 ug/ml
10) T Anthracene (C19.43)	10.667	3381888	21.869 ug/ml
12) T Fluoranthene (C21.85)	12.396	3689580	23.279 ug/ml
13) T Pyrene (C20.8)	12.689	3599782	23.528 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2851865	21.995 ug/ml
15) T Chrysene (C27.41)	14.594	3135295	21.874 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3036976	22.737 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3144229	23.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2871519	21.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2358692	19.768 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	2621019	20.171 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	2706540	20.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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