

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122923AR\
 Data File : FD047107.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2023 20:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:39:26 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	3401692	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.323	2111637	20.264 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.361	3957161	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	3705097	20.536 ug/ml
2) T Naphthalene (C11.7)	5.810	3774265	20.505 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3758827	20.479 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3387095	20.192 ug/ml
7) T Acenaphthene (C15.5)	8.421	3670488	20.408 ug/ml
8) T Fluorene (C16.55)	9.200	3382209	20.406 ug/ml
9) T Phenanthrene (C19.36)	10.588	3167306	20.305 ug/ml
10) T Anthracene (C19.43)	10.662	2633591	18.182 ug/ml
12) T Fluoranthene (C21.85)	12.391	3097037	20.459 ug/ml
13) T Pyrene (C20.8)	12.684	2982866	20.339 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2429587	19.743 ug/ml
15) T Chrysene (C27.41)	14.591	2725732	19.418 ug/ml
16) T benzo[b]fluoranthene ...	16.091	2570464	19.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	2734400	20.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	2445559	19.245 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	2119354	19.117 ug/mlm
20) T Dibenz[a,h]anthracene...	17.864	2346075	18.361 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.073	2383284	18.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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