

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047017.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 21:19
 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 07 23:27:37 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...	7.473	3390206	19.596 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
6) S 2-Fluorobiphenyl (SURR)	8.327	2198584	20.218 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.365	4024441	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	3479576	18.701 ug/ml
2) T Naphthalene (C11.7)	5.813	3663456	19.238 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	3713722	19.285 ug/ml
5) T Acenaphthylene (C15.06)	8.130	3426173	19.682 ug/ml
7) T Acenaphthene (C15.5)	8.426	3661506	19.744 ug/ml
8) T Fluorene (C16.55)	9.204	3522583	20.407 ug/ml
9) T Phenanthrene (C19.36)	10.593	3377008	20.568 ug/ml
10) T Anthracene (C19.43)	10.667	3124687	20.206 ug/ml
12) T Fluoranthene (C21.85)	12.396	3335355	21.044 ug/ml
13) T Pyrene (C20.8)	12.690	3238458	21.166 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2755300	21.250 ug/ml
15) T Chrysene (C27.41)	14.595	2965397	20.689 ug/ml
16) T benzo[b]fluoranthene ...	16.096	2849826	21.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2950946	21.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2761058	21.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	2623595	21.988 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	2927487	22.530 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.080	2755679	21.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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