

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048160.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 12:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 03:20:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.399	2896002	19.485 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
6) S 2-Fluorobiphenyl (SURR)	8.250	1868973	19.748 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.50%
11) S ortho-Terphenyl (SURR)	11.287	3265562	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3331187	19.893 ug/ml
2) T Naphthalene (C11.7)	5.740	3381000	19.564 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	3376852	19.466 ug/ml
5) T Acenaphthylene (C15.06)	8.053	3316853	19.355 ug/ml
7) T Acenaphthene (C15.5)	8.347	3340443	19.256 ug/ml
8) T Fluorene (C16.55)	9.125	3186664	19.620 ug/ml
9) T Phenanthrene (C19.36)	10.514	3123383	19.667 ug/ml
10) T Anthracene (C19.43)	10.588	3073907	19.467 ug/ml
12) T Fluoranthene (C21.85)	12.317	3128307	19.758 ug/ml
13) T Pyrene (C20.8)	12.610	3086246	19.517 ug/ml
14) T Benzo[a]anthracene (C...	14.479	2789070	20.429 ug/ml
15) T Chrysene (C27.41)	14.520	3076793	19.086 ug/ml
16) T benzo[b]fluoranthene ...	16.025	2947490	20.478 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.056	2883737	19.308 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.401	2915923	20.587 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	2391372	21.203 ug/mlm
20) T Dibenz[a,h]anthracene...	17.803	2895083	19.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.014	2921132	19.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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