

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048078.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2024 21:52
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :Ankita Jodhani 07/31/2024

Integration File: autoint1.e
 Quant Time: Jul 31 04:54:46 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...	7.406	2956407	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
6) S 2-Fluorobiphenyl (SURR)	8.257	1956300	20.671 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.34%
11) S ortho-Terphenyl (SURR)	11.294	3372183	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	3307612	19.752 ug/ml
2) T Naphthalene (C11.7)	5.746	3423682	19.811 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	3446647	19.869 ug/ml
5) T Acenaphthylene (C15.06)	8.060	3354508	19.575 ug/ml
7) T Acenaphthene (C15.5)	8.354	3442528	19.844 ug/ml
8) T Flouorene (C16.55)	9.133	3307043	20.361 ug/ml
9) T Phenanthrene (C19.36)	10.521	3238331	20.391 ug/ml
10) T Anthracene (C19.43)	10.595	2559698	16.211 ug/ml
12) T Fluoranthene (C21.85)	12.326	3271636	20.663 ug/ml
13) T Pyrene (C20.8)	12.619	3219466	20.360 ug/ml
14) T Benzo[a]anthracene (C...	14.488	2878821	21.086 ug/ml
15) T Chrysene (C27.41)	14.530	3046255	18.897 ug/ml
16) T benzo[b]fluoranthene ...	16.035	3040596	21.125 ug/ml
17) T Bnezo[k]fluoranthene ...	16.067	2987896	20.005 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	2923362	20.640 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	2676318	23.729 ug/mlm
20) T Dibenz[a,h]anthracene...	17.814	3258971	22.424 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.025	2993222	20.311 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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