

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047397.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2024 01:44
 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 03/20/2024
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e
 Quant Time: Mar 20 05:14:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	3384332	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.306	2218053	20.845 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.69%
11) S ortho-Terphenyl (SURR)	11.340	3866077	20.716 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3631306	20.432 ug/ml
2) T Naphthalene (C11.7)	5.796	3734476	20.478 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	3737982	20.496 ug/mlm
5) T Acenaphthylene (C15.06)	8.110	3413761	20.476 ug/ml
7) T Acenaphthene (C15.5)	8.405	3615530	20.522 ug/ml
8) T Flouorene (C16.55)	9.182	3496703	20.758 ug/ml
9) T Phenanthrene (C19.36)	10.569	3369573	20.806 ug/ml
10) T Anthracene (C19.43)	10.643	3040240	20.658 ug/ml
12) T Fluoranthene (C21.85)	12.370	3323689	20.848 ug/ml
13) T Pyrene (C20.8)	12.663	3222519	20.829 ug/ml
14) T Benzo[a]anthracene (C...	14.526	2840817	20.956 ug/ml
15) T Chrysene (C27.41)	14.568	3038738	20.470 ug/ml
16) T benzo[b]fluoranthene ...	16.068	2908657	20.720 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	2925985	20.662 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	2851472	20.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	2722942	21.787 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	2845985	21.581 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	2843612	21.164 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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