

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047422.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2024 04:18
 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 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 05:34:33 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...	7.453	3388514	20.516 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
6) S 2-Fluorobiphenyl (SURR)	8.304	2231324	20.970 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.94%
11) S ortho-Terphenyl (SURR)	11.337	3874050	20.759 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3597431	20.242 ug/ml
2) T Naphthalene (C11.7)	5.795	3723237	20.416 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3731127	20.458 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3390498	20.337 ug/ml
7) T Acenaphthene (C15.5)	8.403	3614319	20.515 ug/ml
8) T Flouorene (C16.55)	9.180	3497216	20.761 ug/ml
9) T Phenanthrene (C19.36)	10.566	3378836	20.863 ug/ml
10) T Anthracene (C19.43)	10.640	2960975	20.119 ug/ml
12) T Fluoranthene (C21.85)	12.367	3345071	20.982 ug/ml
13) T Pyrene (C20.8)	12.660	3226220	20.853 ug/ml
14) T Benzo[a]anthracene (C...	14.521	2867333	21.152 ug/ml
15) T Chrysene (C27.41)	14.563	3072119	20.695 ug/mlm
16) T benzo[b]fluoranthene ...	16.061	2945947	20.985 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	2953933	20.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	2866994	20.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2752713	22.025 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	2931354	22.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	2846259	21.183 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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