

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032824AR\
 Data File : FD047444.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2024 21:25
 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 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 04:21:39 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	3289336	19.916 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
6) S 2-Fluorobiphenyl (SURR)	8.307	2156653	20.268 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.54%
11) S ortho-Terphenyl (SURR)	11.341	3767367	20.187 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3477355	19.566 ug/ml
2) T Naphthalene (C11.7)	5.796	3616169	19.829 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	3614594	19.819 ug/ml
5) T Acenaphthylene (C15.06)	8.110	3284831	19.703 ug/ml
7) T Acenaphthene (C15.5)	8.405	3522076	19.991 ug/ml
8) T Flouorene (C16.55)	9.182	3382426	20.080 ug/ml
9) T Phenanthrene (C19.36)	10.570	3267980	20.179 ug/ml
10) T Anthracene (C19.43)	10.643	2643603	17.963 ug/ml
12) T Fluoranthene (C21.85)	12.371	3265338	20.482 ug/mlm
13) T Pyrene (C20.8)	12.665	3154968	20.393 ug/ml
14) T Benzo[a]anthracene (C...	14.528	2822604	20.822 ug/ml
15) T Chrysene (C27.41)	14.570	3047747	20.531 ug/mlm
16) T benzo[b]fluoranthene ...	16.070	2982651	21.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	3039658	21.465 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	2904597	21.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	2819505	22.559 ug/mlm
20) T Dibenz[a,h]anthracene...	17.842	2867958	21.748 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.054	2930853	21.813 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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