

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032824AR\
 Data File : FD047437.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2024 14:10
 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 04:19:50 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	3264637	19.766 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
6) S 2-Fluorobiphenyl (SURR)	8.305	2151701	20.222 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.44%
11) S ortho-Terphenyl (SURR)	11.339	3765041	20.174 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3408368	19.178 ug/ml
2) T Naphthalene (C11.7)	5.795	3555547	19.496 ug/ml
3) T 2-Methylnaphthalene (...)	6.842	3591658	19.694 ug/ml
5) T Acenaphthylene (C15.06)	8.108	3277402	19.658 ug/mlm
7) T Acenaphthene (C15.5)	8.403	3507068	19.906 ug/ml
8) T Flouorene (C16.55)	9.181	3387007	20.107 ug/ml
9) T Phenanthrene (C19.36)	10.567	3274615	20.220 ug/ml
10) T Anthracene (C19.43)	10.642	2686682	18.256 ug/ml
12) T Fluoranthene (C21.85)	12.368	3282794	20.592 ug/ml
13) T Pyrene (C20.8)	12.662	3177194	20.536 ug/ml
14) T Benzo[a]anthracene (C...	14.524	2838459	20.939 ug/ml
15) T Chrysene (C27.41)	14.566	3023804	20.370 ug/ml
16) T benzo[b]fluoranthene ...	16.066	2988184	21.286 ug/ml
17) T Bnezo[k]fluoranthene ...	16.098	3036809	21.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.441	2912932	21.087 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	2830806	22.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	2840049	21.536 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.050	2946870	21.932 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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