

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048669.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 11:28
 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 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E
 Quant Time: Nov 09 01:06:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.369	3098550	20.415 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.220	1934868	19.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.254	3424496	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3574921	20.549 ug/ml
2) T Naphthalene (C11.7)	5.710	3616685	20.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3614399	20.207 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3527770	20.091 ug/ml
7) T Acenaphthene (C15.5)	8.315	3619287	20.406 ug/ml
8) T Flouorene (C16.55)	9.095	3382730	20.012 ug/ml
9) T Phenanthrene (C19.36)	10.481	3283585	19.864 ug/ml
10) T Anthracene (C19.43)	10.557	3063883	19.160 ug/ml
12) T Fluoranthene (C21.85)	12.285	3267664	19.855 ug/mlm
13) T Pyrene (C20.8)	12.578	3311948	20.561 ug/ml
14) T Benzo[a]anthracene (C...	14.447	2876039	19.670 ug/mlm
15) T Chrysene (C27.41)	14.489	3271921	19.891 ug/ml
16) T benzo[b]fluoranthene ...	15.994	3157725	20.771 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.024	3132084	20.838 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.370	3080581	20.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	2403612	18.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3159658	19.416 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	3134365	20.474 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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