

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048657.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 02:22
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 03:11:58 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	3145173	20.722 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.218	2043970	20.816 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.63%
11) S ortho-Terphenyl (SURR)	11.253	3546262	20.819 ug/mlm
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3561842	20.474 ug/ml
2) T Naphthalene (C11.7)	5.710	3670693	20.572 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3665925	20.495 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3554619	20.244 ug/ml
7) T Acenaphthene (C15.5)	8.316	3658732	20.628 ug/ml
8) T Flouorene (C16.55)	9.094	3512499	20.779 ug/ml
9) T Phenanthrene (C19.36)	10.480	3424532	20.716 ug/ml
10) T Anthracene (C19.43)	10.556	2594686	16.226 ug/ml
12) T Fluoranthene (C21.85)	12.284	3449027	20.957 ug/ml
13) T Pyrene (C20.8)	12.577	3391541	21.055 ug/ml
14) T Benzo[a]anthracene (C...	14.446	3063624	20.953 ug/ml
15) T Chrysene (C27.41)	14.488	3277113	19.923 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3299464	21.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3257688	21.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	3149734	20.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2853671	21.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3826892	23.516 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.982	3190094	20.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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