

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048032.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 08:02
 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 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 03:40:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.408	3110973	20.932 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
6) S 2-Fluorobiphenyl (SURR)	8.260	2056954	21.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.47%
11) S ortho-Terphenyl (SURR)	11.297	3519574	21.035 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	3488145	20.831 ug/mlm
2) T Naphthalene (C11.7)	5.748	3652758	21.137 ug/ml
3) T 2-Methylnaphthalene (...)	6.795	3644892	21.011 ug/ml
5) T Acenaphthylene (C15.06)	8.062	3557761	20.761 ug/ml
7) T Acenaphthene (C15.5)	8.357	3609166	20.805 ug/ml
8) T Flouorene (C16.55)	9.136	3475240	21.397 ug/mlm
9) T Phenanthrene (C19.36)	10.524	3395747	21.382 ug/ml
10) T Anthracene (C19.43)	10.599	3016387	19.103 ug/ml
12) T Fluoranthene (C21.85)	12.329	3434370	21.691 ug/ml
13) T Pyrene (C20.8)	12.622	3387257	21.421 ug/ml
14) T Benzo[a]anthracene (C...	14.491	3092067	22.648 ug/ml
15) T Chrysene (C27.41)	14.533	3377532	20.952 ug/ml
16) T benzo[b]fluoranthene ...	16.038	3211266	22.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	3141000	21.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.413	3143311	22.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2746003	24.347 ug/ml
20) T Dibenz[a,h]anthracene...	17.817	3390006	23.325 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	3205297	21.750 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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