

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060724AR\
 Data File : FD047881.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2024 13:44
 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 06/10/2024
 Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
 Quant Time: Jun 08 04:01:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.430	3243985	23.107 ug/ml
Spiked Amount 50.000		Recovery =	46.21%
6) S 2-Fluorobiphenyl (SURR)	8.283	2121330	22.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.81%
11) S ortho-Terphenyl (SURR)	11.322	3681571	23.026 ug/ml
Spiked Amount 50.000		Recovery =	46.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3652495	23.126 ug/ml
2) T Naphthalene (C11.7)	5.770	3782601	23.174 ug/ml
3) T 2-Methylnaphthalene (...)	6.818	3794199	23.026 ug/ml
5) T Acenaphthylene (C15.06)	8.086	3717490	22.745 ug/ml
7) T Acenaphthene (C15.5)	8.380	3767828	23.076 ug/ml
8) T Flouorene (C16.55)	9.159	3563845	22.654 ug/ml
9) T Phenanthrene (C19.36)	10.549	3464435	22.466 ug/ml
10) T Anthracene (C19.43)	10.623	2888753	19.216 ug/ml
12) T Fluoranthene (C21.85)	12.354	3408081	22.458 ug/ml
13) T Pyrene (C20.8)	12.647	3361139	22.295 ug/ml
14) T Benzo[a]anthracene (C...	14.516	2939357	21.442 ug/mlm
15) T Chrysene (C27.41)	14.559	3236530	21.970 ug/ml
16) T benzo[b]fluoranthene ...	16.064	3025192	21.495 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.096	2986026	21.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.440	2912084	21.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	2289679	19.862 ug/mlm
20) T Dibenz[a,h]anthracene...	17.844	2910086	21.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	2772040	20.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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