

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048005.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 11:22
 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 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:36:01 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...	7.410	2939929	19.781 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
6) S 2-Fluorobiphenyl (SURR)	8.261	1904573	20.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.25%
11) S ortho-Terphenyl (SURR)	11.298	3331640	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	3330877	19.891 ug/ml
2) T Naphthalene (C11.7)	5.750	3438920	19.900 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	3435769	19.806 ug/ml
5) T Acenaphthylene (C15.06)	8.063	3369384	19.661 ug/ml
7) T Acenaphthene (C15.5)	8.357	3426864	19.754 ug/ml
8) T Flouorene (C16.55)	9.137	3272118	20.146 ug/ml
9) T Phenanthrene (C19.36)	10.524	3177193	20.006 ug/mlm
10) T Anthracene (C19.43)	10.600	2820107	17.860 ug/ml
12) T Fluoranthene (C21.85)	12.329	3188538	20.138 ug/ml
13) T Pyrene (C20.8)	12.622	3178737	20.102 ug/ml
14) T Benzo[a]anthracene (C...	14.491	2813122	20.605 ug/ml
15) T Chrysene (C27.41)	14.533	3170713	19.669 ug/ml
16) T benzo[b]fluoranthene ...	16.038	2995481	20.811 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	2931249	19.626 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2908188	20.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2302474	20.415 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	2980908	20.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	3018778	20.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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