

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047465.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2024 01:49
 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 04/01/2024
 Supervised By :Ankita Jodhani 04/01/2024

Integration File: autoint1.e
 Quant Time: Mar 30 04:28:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.461	2948884	17.854 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
6) S 2-Fluorobiphenyl (SURR)	8.314	1953318	18.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.71%
11) S ortho-Terphenyl (SURR)	11.351	3410099	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3131161	17.618 ug/ml
2) T Naphthalene (C11.7)	5.801	3222675	17.671 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3241613	17.774 ug/ml
5) T Acenaphthylene (C15.06)	8.118	2953116	17.713 ug/ml
7) T Acenaphthene (C15.5)	8.412	3163170	17.954 ug/ml
8) T Fluorene (C16.55)	9.191	3071932	18.237 ug/ml
9) T Phenanthrene (C19.36)	10.580	2996807	18.504 ug/ml
10) T Anthracene (C19.43)	10.654	2476956	16.831 ug/ml
12) T Fluoranthene (C21.85)	12.383	2998480	18.808 ug/mlm
13) T Pyrene (C20.8)	12.677	2929295	18.934 ug/ml
14) T Benzo[a]anthracene (C...	14.543	2678910	19.762 ug/ml
15) T Chrysene (C27.41)	14.584	2853256	19.221 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2878013	20.501 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2920279	20.622 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2794791	20.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	2815999	22.531 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	2785000	21.119 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.076	2879071	21.428 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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