

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083122AR\
 Data File : FD043780.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 11:32
 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 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 06:46:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.441	3221744	18.646 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
6) S 2-Fluorobiphenyl (SURR)	8.296	1992511	19.808 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.62%
11) S ortho-Terphenyl (SURR)	11.327	3730837	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	3738285	18.772 ug/ml
2) T Naphthalene (C11.7)	5.782	3658413	18.201 ug/ml
3) T 2-Methylnaphthalene (...)	6.828	3332781	18.464 ug/ml
5) T Acenaphthylene (C15.06)	8.098	3615764	18.089 ug/ml
7) T Acenaphthene (C15.5)	8.390	3841984	17.873 ug/ml
8) T Flouorene (C16.55)	9.170	3499739	18.255 ug/ml
9) T Phenanthrene (C19.36)	10.561	3324528	18.488 ug/ml
10) T Anthracene (C19.43)	10.637	3044189	15.651 ug/ml
12) T Fluoranthene (C21.85)	12.365	3154173	17.296 ug/mlm
13) T Pyrene (C20.8)	12.661	3264354	17.488 ug/ml
14) T Benzo[a]anthracene (C...	14.529	2670527	18.665 ug/mlm
15) T Chrysene (C27.41)	14.571	3157203	16.358 ug/ml
16) T benzo[b]fluoranthene ...	16.075	2690903	18.648 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.106	2686290	15.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2442900	16.824 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	2331020	22.540 ug/mlm
20) T Dibenz[a,h]anthracene...	17.852	2672565	18.992 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.066	2625413	20.623 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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