

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042049.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 20:34
 Operator : UA/NP
 Sample : N2428-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 23 00:02:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.331	6671498	47.597 ug/ml
Spiked Amount 50.000		Recovery =	95.19%
6) S 2-Fluorobiphenyl (SURR)	8.180	3991500	56.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.04%
11) S ortho-Terphenyl (SURR)	11.207	6303221	36.365 ug/ml
Spiked Amount 50.000		Recovery =	72.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	5091698	32.706 ug/mlm
2) T Naphthalene (C11.7)	5.674	5941369	37.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	6048199	41.826 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6191041	37.566 ug/ml
7) T Acenaphthene (C15.5)	8.275	7046932	37.535 ug/ml
8) T Flouorene (C16.55)	9.053	6659302	43.720 ug/ml
9) T Phenanthrene (C19.36)	10.438	6778723	45.652 ug/ml
10) T Anthracene (C19.43)	10.515	6934836	41.424 ug/ml
12) T Fluoranthene (C21.85)	12.240	6890215	43.926 ug/mlm
13) T Pyrene (C20.8)	12.533	6861714	42.069 ug/ml
14) T Benzo[a]anthracene (C...	14.403	6329434	52.913 ug/ml
15) T Chrysene (C27.41)	14.444	6145452	33.497 ug/mlm
16) T benzo[b]fluoranthene ...	15.949	6250959	47.609 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	6647210	38.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.324	5665779	38.401 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.692	5696913	57.076 ug/mlm
20) T Dibenz[a,h]anthracene...	17.728	6199462	39.498 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	6048176	43.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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