

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036397.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 13:36
 Operator : DD\AJ
 Sample : M1458-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
 APPROVED

Ankita
 3/18/2021 3:59:06 PM

Integration File: autoint1.e
 Quant Time: Mar 18 02:13:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.600	5512440	46.767 ug/ml
Spiked Amount 50.000		Recovery =	93.53%
6) S 2-Fluorobiphenyl (SURR)	8.461	3743432	44.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.96%
11) S ortho-Terphenyl (SURR)	11.503	5354093	38.003 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	228293	1.821 ug/ml
2) T Naphthalene (C11.7)	5.936	263084	1.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	283496	2.076 ug/ml
5) T Acenaphthylene (C15.06)	8.260	261947	1.947 ug/ml
7) T Acenaphthene (C15.5)	8.556	265147	1.916 ug/ml
8) T Flouorene (C16.55)	9.335	270126	1.979 ug/ml
9) T Phenanthrene (C19.36)	10.729	254502	1.847 ug/ml
10) T Anthracene (C19.43)	10.803	258697	1.927 ug/ml
12) T Fluoranthene (C21.85)	12.537	273443	1.969 ug/ml
13) T Pyrene (C20.8)	12.833	270290	1.972 ug/ml
14) T Benzo[a]anthracene (C...	14.700	242316	1.916 ug/mlm
15) T Chrysene (C27.41)	14.742	297757	2.299 ug/mlm
16) T benzo[b]fluoranthene ...	16.245	250540	2.059 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.276	238066	2.022 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	235546	2.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	213305	1.928 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	238652	2.157 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	232138	2.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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