

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048458.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 18:29
 Operator : YP/AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:58:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.380	8437937	50.964 ug/ml
Spiked Amount 50.000		Recovery =	101.93%
6) S 2-Fluorobiphenyl (SURR)	8.229	5304347	51.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.30%
11) S ortho-Terphenyl (SURR)	11.265	8093937	43.990 ug/ml
Spiked Amount 50.000		Recovery =	87.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	693718	3.958 ug/ml
2) T Naphthalene (C11.7)	5.725	764301	4.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	778642	4.120 ug/ml
5) T Acenaphthylene (C15.06)	8.034	789872	4.117 ug/ml
7) T Acenaphthene (C15.5)	8.326	872085	4.610 ug/ml
8) T Flouorene (C16.55)	9.110	751715	4.161 ug/ml
9) T Phenanthrene (C19.36)	10.497	723609	4.083 ug/ml
10) T Anthracene (C19.43)	10.576	760558	4.274 ug/ml
12) T Fluoranthene (C21.85)	12.300	763774	4.223 ug/mlm
13) T Pyrene (C20.8)	12.594	788889	4.406 ug/ml
14) T Benzo[a]anthracene (C...	14.465	545930	3.416 ug/mlm
15) T Chrysene (C27.41)	14.504	788542	4.227 ug/ml
16) T benzo[b]fluoranthene ...	16.007	615727	3.697 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	781600	4.604 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.398	646002	3.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	484395	3.682 ug/mlm
20) T Dibenz[a,h]anthracene...	17.813	747870	4.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	676695	4.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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