

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048167.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 20:12
 Operator : YP/AJ
 Sample : P3464-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

TOPSOILMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 03:21:22 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M

Quant Title : GC Extractables

QLast Update : Mon Jul 15 13:13:15 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...	7.401	7028333	47.289 ug/ml
Spiked Amount 50.000		Recovery =	94.58%
6) S 2-Fluorobiphenyl (SURR)	8.252	4304602	45.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.97%
11) S ortho-Terphenyl (SURR)	11.290	6806167	40.678 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	5333962	31.853 ug/ml
2) T Naphthalene (C11.7)	5.740	6439696	37.264 ug/ml
3) T 2-Methylnaphthalene (...)	6.788	7175147	41.362 ug/ml
5) T Acenaphthylene (C15.06)	8.056	7753367	45.243 ug/ml
7) T Acenaphthene (C15.5)	8.351	7794535	44.931 ug/ml
8) T Fluorene (C16.55)	9.129	7921887	48.774 ug/ml
9) T Phenanthrene (C19.36)	10.518	8568098	53.951 ug/ml
10) T Anthracene (C19.43)	10.594	7896898	50.012 ug/ml
12) T Fluoranthene (C21.85)	12.324	8867984	56.009 ug/ml
13) T Pyrene (C20.8)	12.618	8085888	51.135 ug/ml
14) T Benzo[a]anthracene (C...	14.487	7356739	53.885 ug/ml
15) T Chrysene (C27.41)	14.530	7565494	46.931 ug/ml
16) T benzo[b]fluoranthene ...	16.034	7273602	50.534 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	7135855	47.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.411	6733370	47.540 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	7946752	70.459 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	6954959	47.855 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	6362480	43.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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