

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015329.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 17:17
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:47:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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...	7.992	7143629	54.118 ug/ml
Spiked Amount 50.000		Recovery =	108.24%
6) S 2-Fluorobiphenyl (SURR)	8.865	4780333	56.633 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	113.27%
11) S ortho-Terphenyl (SURR)	11.929	6740781	39.158 ug/ml
Spiked Amount 50.000		Recovery =	78.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	305043	1.902 ug/ml
2) T Naphthalene (C11.7)	6.269	338818	2.113 ug/mlm
3) T 2-Methylnaphthalene (...)	7.364	342414	2.153 ug/mlm
5) T Acenaphthylene (C15.06)	8.663	337907	2.127 ug/ml
7) T Acenaphthene (C15.5)	8.961	369454	2.266 ug/ml
8) T Fluorene (C16.55)	9.751	324269	2.059 ug/mlm
9) T Phenanthrene (C19.36)	11.157	301214	1.887 ug/ml
10) T Anthracene (C19.43)	11.232	295959	2.005 ug/ml
12) T Fluoranthene (C21.85)	12.976	313268	1.894 ug/mlm
13) T Pyrene (C20.8)	13.275	315794	1.950 ug/ml
14) T Benzo[a]anthracene (C...	15.159	242060	1.623 ug/ml
15) T Chrysene (C27.41)	15.200	377594	2.431 ug/mlm
16) T benzo[b]fluoranthene ...	16.715	239381	1.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.746	321537	2.274 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.099	281306	1.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.474	228625	1.814 ug/mlm
20) T Dibenz[a,h]anthracene...	18.518	427655	2.891 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.721	275324	2.040 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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