

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125873.D
 Acq On : 18 Oct 2021 13:03
 Operator : JU/CG
 Sample : M4195-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-SOILPILEDL

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:09:24 PM

Quant Time: Oct 18 14:03:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	177699	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	701286	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	360975	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	537366	20.00	ng	0.00
76) Chrysene-d12	13.974	240	334420	20.00	ng	0.00
86) Perylene-d12	15.421	264	399766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	241223	22.18	ng	-0.01
7) Phenol-d6	6.439	99	297619	21.25	ng	-0.02
23) Nitrobenzene-d5	7.375	82	170076	15.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	62744	17.61	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	354915	16.96	ng	0.00
79) Terphenyl-d14	12.921	244	243423	11.09	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.128	128	581014	17.14	ng	98
37) 2-Methylnaphthalene	8.816	142	443833	20.21	ng	99
38) 1-Methylnaphthalene	8.916	142	434881	20.41	ng	97
46) 1,1'-Biphenyl	9.275	154	56491	2.13	ng	98
49) Acenaphthylene	9.716	152	98456	3.12	ng	# 88
52) Acenaphthene	9.886	154	126856	6.43	ng	95
58) Fluorene	10.404	166	218376	10.10	ng	100
71) Phenanthrene	11.363	178	1113357	38.72	ng	98
72) Anthracene	11.416	178	248675	8.66	ng	100
75) Fluoranthene	12.551	202	545498	21.03	ng	95
78) Pyrene	12.780	202	1026052	30.20	ng	97
81) Benzo(a)anthracene	13.962	228	276919	12.76	ng	95
83) Chrysene	13.998	228	273131m	12.74	ng	
87) Indeno(1,2,3-cd)pyrene	16.851	276	100338	3.29	ng	94
88) Benzo(b)fluoranthene	15.004	252	249140m	11.04	ng	
89) Benzo(k)fluoranthene	15.027	252	56128m	2.42	ng	
90) Benzo(a)pyrene	15.356	252	274572	13.74	ng	98
92) Benzo(g,h,i)perylene	17.286	276	112737	4.39	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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