

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125869.D
 Acq On : 15 Oct 2021 18:38
 Operator : JU/CG
 Sample : M4195-03DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-SOILPILE DL

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:07:01 PM

Quant Time: Oct 18 08:57:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	190932	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	723381	20.00	ng	# 0.00
39) Acenaphthene-d10	9.869	164	353834	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	492247	20.00	ng	0.00
76) Chrysene-d12	13.986	240	437360	20.00	ng	0.00
86) Perylene-d12	15.439	264	420669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	499825	42.77	ng	0.00
7) Phenol-d6	6.457	99	600504	39.91	ng	0.00
23) Nitrobenzene-d5	7.392	82	350533	30.12	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	103562	29.64	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	674925	32.90	ng	0.00
79) Terphenyl-d14	12.933	244	581740	20.26	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.139	128	734887	21.01	ng	99
37) 2-Methylnaphthalene	8.828	142	590164	26.05	ng	100
38) 1-Methylnaphthalene	8.928	142	718612	32.69	ng	96
46) 1,1'-Biphenyl	9.286	154	75768	2.91	ng	97
49) Acenaphthylene	9.727	152	286134	9.25	ng	# 92
52) Acenaphthene	9.898	154	211391	10.94	ng	98
55) Dibenzofuran	10.069	168	68851	2.38	ng	# 57
58) Fluorene	10.410	166	310809	14.66	ng	99
71) Phenanthrene	11.374	178	1198087	45.49	ng	97
72) Anthracene	11.427	178	360540	13.71	ng	100
75) Fluoranthene	12.568	202	714975	30.09	ng	96
78) Pyrene	12.792	202	1327550	29.88	ng	96
81) Benzo(a)anthracene	13.974	228	447563	15.77	ng	94
83) Chrysene	14.010	228	417576	14.89	ng	96
87) Indeno(1,2,3-cd)pyrene	16.880	276	103256	3.22	ng	95
88) Benzo(b)fluoranthene	15.015	252	313562m	13.20	ng	
89) Benzo(k)fluoranthene	15.033	252	101476m	4.16	ng	
90) Benzo(a)pyrene	15.374	252	319951	15.21	ng	98
92) Benzo(g,h,i)perylene	17.309	276	111167	4.11	ng	97

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

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