

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124707.D
 Acq On : 23 Jul 2021 10:55
 Operator : JU/CG
 Sample : M3119-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOP-SOIL-GRILLIO-1

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:03:24 PM

Quant Time: Jul 23 12:06:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6951	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	27683	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	13131	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	19377	20.000	ng	0.00
76) Chrysene-d12	14.033	240	13170	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	11325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	33705	82.100	ng	0.00
7) Phenol-d6	6.487	99	41755	81.130	ng	-0.01
23) Nitrobenzene-d5	7.428	82	26069	56.048	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	8109	71.925	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	50334	56.300	ng	0.00
79) Terphenyl-d14	12.980	244	31529	41.037	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	9972	9.568	ng	95
72) Anthracene	11.463	178	2235m	2.145	ng	
74) Di-n-butylphthalate	11.951	149	6974	5.361	ng	99
75) Fluoranthene	12.604	202	16061	15.102	ng	97
78) Pyrene	12.833	202	13595	13.039	ng	95
81) Benzo(a)anthracene	14.021	228	7250m	8.422	ng	
83) Chrysene	14.057	228	7249	8.740	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	3130	4.787	ng	# 79
88) Benzo(b)fluoranthene	15.068	252	8396m	10.530	ng	
89) Benzo(k)fluoranthene	15.098	252	3474m	4.768	ng	
90) Benzo(a)pyrene	15.439	252	6076	9.122	ng	98
92) Benzo(g,h,i)perylene	17.415	276	2897	5.337	ng	# 87

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

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