

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100499.D
 Acq On : 13 Nov 2017 13:41
 Operator : SJ/JU
 Sample : I6396-05 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL

Manual Integrations
 APPROVED

SOHIL
 11/14/2017 5:20:14 PM

Quant Time: Nov 13 15:40:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	83283	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	323027	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	146071	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	240996	20.00	ng	0.00
75) Chrysene-d12	14.05	240	174386	20.00	ng	0.00
86) Perylene-d12	15.53	264	180296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	33780	6.50	ng	0.00
7) Phenol-d6	6.50	99	41355	6.45	ng	-0.01
23) Nitrobenzene-d5	7.45	82	23372	4.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	9694	6.51	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	50201	5.23	ng	-0.01
78) Terphenyl-d14	12.99	244	33343	4.39	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.19	128	42560	2.735	ng	98
57) Fluorene	10.47	166	21029	2.217	ng	98
70) Phenanthrene	11.44	178	340733	26.853	ng	98
71) Anthracene	11.49	178	75669	5.878	ng	99
72) Carbazole	11.64	167	38563	3.246	ng	95
74) Fluoranthene	12.63	202	524625	39.012	ng	95
77) Pyrene	12.86	202	447744	36.019	ng	100
80) Benzo(a)anthracene	14.04	228	257477	24.518	ng	99
82) Chrysene	14.07	228	233324	22.944	ng	97
85) Indeno(1,2,3-cd)pyrene	17.01	276	87620	10.652	ng	# 89
87) Benzo(b)fluoranthene	15.10	252	288482m	27.007	ng	
88) Benzo(k)fluoranthene	15.12	252	71213m	7.056	ng	
89) Benzo(a)pyrene	15.46	252	171048	18.063	ng	96
90) Dibenzo(a,h)anthracene	17.02	278	27017	3.489	ng	93
91) Benzo(a,h,i)perylene	17.46	276	71215	9.394	ng	# 88

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

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