

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101089.D
 Acq On : 4 Dec 2017 11:22
 Operator : SJ/JU
 Sample : I6642-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENN-1-E(0-1)

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:23:34 PM

Quant Time: Dec 04 15:30:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50080	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194941	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	94606	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	180004	20.00	ng	0.00
75) Chrysene-d12	14.02	240	113332	20.00	ng	0.00
86) Perylene-d12	15.49	264	118007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	43620	14.39	ng	0.00
7) Phenol-d6	6.47	99	54118	14.71	ng	-0.01
23) Nitrobenzene-d5	7.40	82	32931	10.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	12881	11.33	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	79679	11.52	ng	-0.01
78) Terphenyl-d14	12.95	244	75195	14.51	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	69647	7.25	ng	99
37) 2-Methylnaphthalene	8.84	142	26778	4.10	ng	94
51) Acenaphthene	9.92	154	55772	9.21	ng	99
54) Dibenzofuran	10.09	168	63796	7.31	ng	97
57) Fluorene	10.43	166	54687	7.71	ng	100
70) Phenanthrene	11.40	178	606349	61.17	ng	98
71) Anthracene	11.45	178	156625	15.61	ng	97
72) Carbazole	11.60	167	64781	7.07	ng	96
74) Fluoranthene	12.59	202	604138	54.98	ng	97
77) Pyrene	12.82	202	521937	66.74	ng	99
80) Benzo(a)anthracene	14.01	228	223339	31.21	ng	99
82) Chrysene	14.04	228	195770	29.46	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	108296m	18.33	ng	
87) Benzo(b)fluoranthene	15.06	252	230404m	32.60	ng	
88) Benzo(k)fluoranthene	15.09	252	65558m	9.41	ng	
89) Benzo(a)pyrene	15.43	252	170881	26.59	ng	97
90) Dibenzo(a,h)anthracene	16.97	278	33124m	5.85	ng	
91) Benzo(g,h,i)perylene	17.42	276	105722	19.80	ng	# 92

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

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