

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101643.D
 Acq On : 22 Dec 2017 8:55
 Operator : SJ/JU
 Sample : I6681-07DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-DDL

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:42:34 PM

Quant Time: Dec 22 13:37:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135604	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	517092	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202029	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297340	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280196	20.00	ng	0.00
86) Perylene-d12	15.44	264	221725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	202950	22.29	ng	0.01
7) Phenol-d6	6.44	99	257111	22.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	145583	15.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	30900	15.87	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	252361	19.38	ng	0.00
78) Terphenyl-d14	12.90	244	168835	14.53	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	247735	9.516	ng	99
37) 2-Methylnaphthalene	8.79	142	135562	7.993	ng	100
51) Acenaphthene	9.86	154	85500	6.572	ng	99
54) Dibenzofuran	10.05	168	54331	3.286	ng	97
57) Fluorene	10.38	166	145604	10.411	ng	100
70) Phenanthrene	11.35	178	705300	42.654	ng	98
71) Anthracene	11.40	178	260771	15.439	ng	99
72) Carbazole	11.56	167	33924	2.145	ng	97
74) Fluoranthene	12.55	202	711748	41.008	ng	97
77) Pyrene	12.77	202	831040	39.519	ng	100
80) Benzo(a)anthracene	13.96	228	459162	24.817	ng	98
82) Chrysene	14.00	228	395363	22.632	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	97672	6.279	ng	# 91
87) Benzo(b)fluoranthene	15.02	252	350939m	25.967	ng	
88) Benzo(k)fluoranthene	15.04	252	95420m	7.262	ng	
89) Benzo(a)pyrene	15.38	252	243293	19.528	ng	97
90) Dibenzo(a,h)anthracene	16.91	278	28437m	2.658	ng	
91) Benzo(g,h,i)perylene	17.37	276	105714	9.981	ng	96

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

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