

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084923.D
 Acq On : 6 Feb 2016 20:31
 Operator : SJ/IZ
 Sample : H1320-11DL 10X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(6-8)DL

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:04:32 PM

Quant Time: Feb 08 03:18:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183370	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	727065	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	306469	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	474435	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	323323	20.00	ng	-0.03
86) Perylene-d12	15.17	264	339038	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	107502	9.13	ng	-0.03
7) Phenol-d6	6.30	99	213561	14.63	ng	-0.03
23) Nitrobenzene-d5	7.23	82	128582	9.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	13319	4.17	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	227343	8.73	ng	-0.03
78) Terphenyl-d14	12.76	244	134163	9.40	ng	-0.03
Target Compounds						Qvalue
51) Acenaphthene	9.72	154	65277	3.28	ng	97
54) Dibenzofuran	9.90	168	64608	2.66	ng	93
57) Fluorene	10.24	166	77624	3.82	ng	# 99
70) Phenanthrene	11.20	178	1000524	38.02	ng	98
71) Anthracene	11.25	178	266292	10.04	ng	97
72) Carbazole	11.41	167	52135	2.25	ng	97
74) Fluoranthene	12.39	202	1148383	43.12	ng	98
77) Pyrene	12.61	202	1192259	48.16	ng	100
80) Benzo(a)anthracene	13.80	228	503744	25.10	ng	97
82) Chrysene	13.84	228	383120m	19.69	ng	
85) Indeno(1,2,3-cd)pyrene	16.45	276	228135	14.89	ng	95
87) Benzo(b)fluoranthene	14.81	252	554255m	24.33	ng	
88) Benzo(k)fluoranthene	14.82	252	136266m	7.23	ng	
89) Benzo(a)pyrene	15.13	252	411175	21.18	ng	96
90) Dibenzo(a,h)anthracene	16.45	278	51930m	3.18	ng	
91) Benzo(g,h,i)perylene	16.83	276	214875	13.06	ng	98

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

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