

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083438.D
 Acq On : 3 Dec 2015 2:19
 Operator : UM/IZ
 Sample : G4582-14 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP1-112415

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:56 PM

Quant Time: Dec 03 06:42:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	133342	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	529943	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	250793	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	432909	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	309940	20.00	ng	-0.02
86) Perylene-d12	16.81	264	313241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	47236	5.32	ng	0.01
7) Phenol-d6	6.22	99	77200	6.35	ng	0.00
23) Nitrobenzene-d5	7.12	82	47356	3.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	12203	4.85	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	79132	4.50	ng	-0.01
78) Terphenyl-d14	13.21	244	58706	4.52	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.86	128	3195686	111.14	ng	98
37) 2-Methylnaphthalene	8.54	142	455270	23.69	ng	98
45) 1,1'-Biphenyl	9.00	154	151545	6.89	ng	94
48) Acenaphthylene	9.44	152	267063	9.99	ng	98
51) Acenaphthene	9.61	154	535562	34.06	ng	98
54) Dibenzofuran	9.78	168	46438	2.02	ng	# 73
57) Fluorene	10.12	166	271132m	14.90	ng	
70) Phenanthrene	11.15	178	1550753	60.53	ng	97
71) Anthracene	11.21	178	537686	20.85	ng	99
74) Fluoranthene	12.66	202	1110566	41.82	ng	94
77) Pyrene	12.97	202	1595666	73.72	ng	98
80) Benzo(a)anthracene	14.73	228	526323m	27.72	ng	
82) Chrysene	14.77	228	579291m	31.58	ng	
85) Indeno(1,2,3-cd)pyrene	18.18	276	461242	34.52	ng	94
87) Benzo(b)fluoranthene	16.29	252	780684m	38.84	ng	
88) Benzo(k)fluoranthene	16.33	252	183084m	9.65	ng	
89) Benzo(a)pyrene	16.73	252	712867	41.29	ng	# 96
90) Dibenzo(a,h)anthracene	18.20	278	104557	6.95	ng	98
91) Benzo(a,h,i)perylene	18.56	276	553410	37.48	ng	98

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

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