

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083581.D
 Acq On : 8 Dec 2015 4:43
 Operator : UM/IZ
 Sample : G4584-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)DL

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:15:54 PM

Quant Time: Dec 08 06:44:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	161023	20.00	ng	-0.05
21) Naphthalene-d8	7.63	136	596942	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	259271	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	406783	20.00	ng	-0.03
75) Chrysene-d12	17.03	240	363035	20.00	ng	-0.02
86) Perylene-d12	18.66	264	293199	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	250885	23.64	ng	-0.03
7) Phenol-d6	5.29	99	333087	22.78	ng	-0.03
23) Nitrobenzene-d5	6.54	82	206348	16.16	ng	-0.06
41) 2,4,6-Tribromophenol	11.71	330	45044	18.83	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	323273	16.91	ng	-0.06
78) Terphenyl-d14	15.44	244	245226	15.03	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	7.65	128	1276793	40.18	ng	99
37) 2-Methylnaphthalene	8.76	142	334829	17.04	ng	98
45) 1,1'-Biphenyl	9.52	154	164599	7.14	ng	98
48) Acenaphthylene	10.19	152	927080	32.61	ng	100
51) Acenaphthene	10.46	154	151972	9.29	ng	97
54) Dibenzofuran	10.76	168	52449	2.31	ng	98
57) Fluorene	11.30	166	396379	20.10	ng	97
70) Phenanthrene	12.87	178	2655626	112.16	ng	99
71) Anthracene	12.93	178	719844	29.81	ng	100
74) Fluoranthene	14.79	202	1889394	80.51	ng	97
77) Pyrene	15.15	202	2664518	98.11	ng	99
80) Benzo(a)anthracene	17.01	228	941716m	44.34	ng	
82) Chrysene	17.06	228	896694	42.38	ng	98
85) Indeno(1,2,3-cd)pyrene	19.91	276	426985	23.54	ng	# 100
87) Benzo(b)fluoranthene	18.28	252	848776m	51.55	ng	
88) Benzo(k)fluoranthene	18.31	252	248638m	14.74	ng	
89) Benzo(a)pyrene	18.60	252	881808	55.06	ng	97
90) Dibenzo(a,h)anthracene	19.91	278	84045m	5.45	ng	
91) Benzo(a,h,i)perylene	20.26	276	502490	32.36	ng	96

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

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