Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091821.D
Acq On : 20 Dec 2016 15:45
Operator : UM/SJ
Sample : H6165-05 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1-9-10

Quant Time: Dec 21 10:47:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	162612	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	608058	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	280900	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	358518	20.00	ng		0.00
75) Chrysene-d12	13.95	240	270947	20.00	ng		0.02
86) Perylene-d12	15.36	264	387104	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	634876	65.41	ng		-0.01
7) Phenol-d6	6.41	99	826603	69.83	ng		-0.01
23) Nitrobenzene-d5	7.32	82	483690	45.87	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	128510	53.95	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	624142	44.64	ng		-0.02
78) Terphenyl-d14	12.87	244	479438	44.68	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.42	94	32194	2.41	ng	#	67
31) Naphthalene	8.06	128	2087437	71.86	ng		100
37) 2-Methylnaphthalene	8.76	142	1360477	74.29	ng		100
45) 1,1'-Biphenyl	9.22	154	451879	22.44	ng		97
48) Acenaphthylene	9.65	152	528198	22.66	ng	#	95
49) Dimethylphthalate	9.52	163	98527	5.37	ng		96
51) Acenaphthene	9.84	154	1830484	114.40	ng		98
54) Dibenzofuran	10.01	168	2105735	110.68	ng		100
57) Fluorene	10.35	166	2390573	161.76	ng		99
70) Phenanthrene	11.34	178	11657756	650.75	ng		96
71) Anthracene	11.38	178	4393259m	231.53	ng		
72) Carbazole	11.52	167	1443219	86.98	ng		99
74) Fluoranthene	12.53	202	10636813	568.50	ng		97
77) Pyrene	12.76	202	9127368	466.47	ng		93
80) Benzo(a)anthracene	13.94	228	6537060	421.80	ng		94
82) Chrysene	13.97	228	4745220m	295.39	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	30036	2.59	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.75	276	3241872	205.24	ng		97
87) Benzo(b)fluoranthene	14.98	252	6452008m	262.85	ng		
88) Benzo(k)fluoranthene	14.98	252	2727404m	158.36	ng		
89) Benzo(a)pyrene	15.32	252	5089403	241.57	ng		95
90) Dibenzo(a,h)anthracene	16.74	278	1121743m	61.08	ng		
91) Benzo(g,h,i)perylene	17.15	276	2712419m	145.33	ng		

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

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