Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098503.D
Acq On : 13 Sep 2017 21:39
Operator : SJ/JU
Sample : I5182-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-2

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:49 PM

Quant Time: Sep 14 07:14:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175045	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	686965	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	275360	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	412837	20.00	ng		-0.02
75) Chrysene-d12	13.81	240	329452	20.00	ng		0.00
86) Perylene-d12	15.22	264	238933	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1162575	98.20	ng		-0.01
7) Phenol-d6	6.31	99	1418738	94.38	ng		-0.01
23) Nitrobenzene-d5	7.23	82	884884	71.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	195726	106.50	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	1406686	86.59	ng		-0.02
78) Terphenyl-d14	12.76	244	910486	59.65	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.32	94	60028	3.438	ng		98
31) Naphthalene	7.96	128	467032	13.752	ng		98
37) 2-Methylnaphthalene	8.65	142	341655	16.609	ng		100
45) 1,1'-Biphenyl	9.12	154	104645	4.246	ng		97
48) Acenaphthylene	9.55	152	107838	4.120	ng	#	95
49) Dimethylphthalate	9.41	163	188377	8.838	ng		99
54) Dibenzofuran	9.89	168	209535	9.561	ng	#	97
70) Phenanthrene	11.19	178	583697	26.670	ng		99
71) Anthracene	11.25	178	206697	9.199	ng		99
72) Carbazole	11.40	167	48120	2.298	ng		94
74) Fluoranthene	12.38	202	700417	31.969	ng		99
77) Pyrene	12.61	202	524923	20.198	ng		99
80) Benzo(a)anthracene	13.80	228	307189	15.904	ng		94
82) Chrysene	13.83	228	424090m	21.721	ng		
85) Indeno(1,2,3-cd)pyrene	16.57	276	124651m	9.100	ng		
87) Benzo(b)fluoranthene	14.82	252	440585m	29.326	ng		
88) Benzo(k)fluoranthene	14.84	252	119944m	8.552	ng		
89) Benzo(a)pyrene	15.16	252	158306	11.828	ng	#	90
90) Dibenzo(a,h)anthracene	16.57	278	36947	3.795	ng	#	69
91) Benzo(g,h,i)perylene	16.97	276	107477	10.975	ng		97

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

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