Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098502.D
Acq On : 13 Sep 2017 21:10
Operator : SJ/JU
Sample : I5182-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-1

Manual Integrations APPROVED
Sohil
9/14/2017 5:52:46 PM

Quant Time: Sep 14 07:06:54 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	173254	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	709028	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	303943	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	466521	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	309932	20.00	ng	0.00
86) Perylene-d12	15.21	264	316539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1027243	87.66	ng	-0.01
7) Phenol-d6	6.31	99	1307814	87.90	ng	-0.01
23) Nitrobenzene-d5	7.22	82	820991	64.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	196587	96.91	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1233363	68.78	ng	-0.02
78) Terphenyl-d14	12.76	244	764342	53.23	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.32	94	50071	2.897	ng	83
31) Naphthalene	7.96	128	452001	12.895	ng	99
37) 2-Methylnaphthalene	8.65	142	292340	13.769	ng	99
45) 1,1'-Biphenyl	9.11	154	105869	3.892	ng	96
48) Acenaphthylene	9.55	152	274400	9.499	ng	98
49) Dimethylphthalate	9.41	163	145798	6.197	ng	99
51) Acenaphthene	9.72	154	359714	19.589	ng	97
54) Dibenzofuran	9.89	168	709920	29.346	ng	97
57) Fluorene	10.23	166	556665	27.801	ng	98
70) Phenanthrene	11.22	178	4575736	185.015	ng	99
71) Anthracene	11.25	178	1280951	50.447	ng	99
72) Carbazole	11.41	167	552477	23.346	ng	98
74) Fluoranthene	12.40	202	4100745	165.631	ng	99
77) Pyrene	12.63	202	3492601	142.850	ng	99
80) Benzo(a)anthracene	13.80	228	1597857	87.936	ng	99
82) Chrysene	13.84	228	1557995m	84.823	ng	
83) Bis(2-ethylhexyl)phthalate	13.79	149	82744	6.216	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.56	276	597919	46.399	ng	92
87) Benzo(b)fluoranthene	14.83	252	1830433m	91.967	ng	
88) Benzo(k)fluoranthene	14.84	252	581619m	31.302	ng	
89) Benzo(a)pyrene	15.16	252	1184177	66.784	ng	97
90) Dibenzo(a,h)anthracene	16.56	278	134497m	10.427	ng	
91) Benzo(g,h,i)perylene	16.96	276	543234	41.872	ng	96

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

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