Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104460.D
Acq On : 12 Apr 2018 19:23
Operator : JU/SJ
Sample : J2163-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041118-A

Manual Integrations APPROVED
Sohil
4/13/2018 4:44:21 PM

Quant Time: Apr 13 01:00:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 12 17:07:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134659	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	536824	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	230900	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	317740	20.00	ng		0.00
75) Chrysene-d12	14.01	240	189663	20.00	ng		0.02
86) Perylene-d12	15.47	264	182579	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	216227	24.55	ng		0.00
7) Phenol-d6	6.43	99	260805	24.10	ng		-0.01
23) Nitrobenzene-d5	7.37	82	146346	17.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	46255	19.31	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	280175	19.17	ng		0.00
78) Terphenyl-d14	12.93	244	182459	21.93	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.12	128	499422	18.683	ng		99
37) 2-Methylnaphthalene	8.81	142	568795	32.896	ng		98
45) 1,1'-Biphenyl	9.27	154	135910	7.007	ng		98
48) Acenaphthylene	9.72	152	154401	6.423	ng	#	93
51) Acenaphthene	9.89	154	680974	46.429	ng		99
54) Dibenzofuran	10.06	168	419817	20.539	ng	#	93
57) Fluorene	10.41	166	1182113	79.456	ng		98
70) Phenanthrene	11.39	178	4057083	229.282	ng		99
71) Anthracene	11.44	178	1803787	100.283	ng		99
72) Carbazole	11.57	167	204349	11.626	ng		98
74) Fluoranthene	12.59	202	3193209	172.722	ng		98
77) Pyrene	12.82	202	3445367m	245.074	ng		
80) Benzo(a)anthracene	14.00	228	2150190	189.767	ng		96
82) Chrysene	14.04	228	1749442	150.317	ng		96
85) Indeno(1,2,3-cd)pyrene	16.94	276	565836m	57.233	ng		
87) Benzo(b)fluoranthene	15.06	252	1667178m	144.578	ng		
88) Benzo(k)fluoranthene	15.08	252	351390m	32.277	ng		
89) Benzo(a)pyrene	15.42	252	1223921	118.623	ng		96
90) Dibenzo(a,h)anthracene	16.94	278	180085m	21.252	ng		
91) Benzo(g,h,i)perylene	17.40	276	613614	74.741	ng		94

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

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