Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087815.D
Acq On : 8 Jun 2016 17:51
Operator : UM/SJ
Sample : H3378-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-14

Manual Integrations APPROVED
sohil
6/9/2016 8:02:50 PM

Quant Time: Jun 09 14:15:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108693m	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	444691	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	197800	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	318883	20.00	ng		0.00
75) Chrysene-d12	14.00	240	223347	20.00	ng		0.01
86) Perylene-d12	15.43	264	235291	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	139134	21.88	ng		-0.02
7) Phenol-d6	6.44	99	166466	21.60	ng		-0.03
23) Nitrobenzene-d5	7.38	82	102173	13.42	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	37951	18.17	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	208526	11.79	ng		-0.02
78) Terphenyl-d14	12.95	244	146988	14.98	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.14	128	1225644	55.70	ng		99
37) 2-Methylnaphthalene	8.82	142	267278m	18.43	ng		
48) Acenaphthylene	9.72	152	50763	2.49	ng		97
51) Acenaphthene	9.91	154	256573	20.20	ng		97
54) Dibenzofuran	10.08	168	385387	22.03	ng		100
57) Fluorene	10.42	166	498141	41.80	ng		99
70) Phenanthrene	11.39	178	1796235	107.35	ng		98
71) Anthracene	11.44	178	725069	42.96	ng		99
72) Carbazole	11.59	167	323420	20.48	ng		98
74) Fluoranthene	12.57	202	1388034	78.60	ng		98
77) Pyrene	12.80	202	1062716	64.12	ng		98
80) Benzo(a)anthracene	13.99	228	732408	57.54	ng		98
82) Chrysene	14.02	228	407413	34.02	ng		96
85) Indeno(1,2,3-cd)pyrene	16.81	276	253368	22.77	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	591058m	36.04	ng		
88) Benzo(k)fluoranthene	15.03	252	305227m	24.67	ng		
89) Benzo(a)pyrene	15.37	252	495817	37.37	ng		96
90) Dibenzo(a,h)anthracene	16.82	278	64479m	5.23	ng		
91) Benzo(g,h,i)perylene	17.23	276	214618	16.93	ng		98

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

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