Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085586.D
Acq On : 19 Mar 2016 21:23
Operator : UM/SJ
Sample : H1799-18 100X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOU2-SB45(6.5-8)

Manual Integrations APPROVED
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3/21/2016 5:09:18 PM

Quant Time: Mar 21 11:54:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121190m	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	493924	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	217736	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	383000	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	224955	20.00	ng	0.00
86) Perylene-d12	15.43	264	244165	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	6294	0.87	ng	0.00
7) Phenol-d6	6.47	99	12629	1.36	ng	-0.02
23) Nitrobenzene-d5	7.42	82	7773	0.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	1994	0.93	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	19035	-1.00	ng	-0.01
78) Terphenyl-d14	12.95	244	11949	1.28	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.49	94	237882	22.57	ng	86
17) 2-Methylphenol	7.10	107	44948	6.50	ng	97
20) 3+4-Methylphenols	7.26	107	165442m	20.64	ng	
27) 2,4-Dimethylphenol	7.80	122	34819	4.28	ng	98
31) Naphthalene	8.17	128	3533730	141.74	ng	97
37) 2-Methylnaphthalene	8.85	142	726470	47.80	ng	98
45) 1,1'-Biphenyl	9.32	154	205525	10.94	ng	94
48) Acenaphthylene	9.75	152	1008809	45.43	ng	99
51) Acenaphthene	9.92	154	62804	4.51	ng	97
54) Dibenzofuran	10.09	168	670924	39.54	ng	96
57) Fluorene	10.44	166	765119	54.10	ng	100
70) Phenanthrene	11.41	178	2042220	101.13	ng	98
71) Anthracene	11.45	178	941544	44.47	ng	100
72) Carbazole	11.60	167	365423	20.00	ng	99
74) Fluoranthene	12.58	202	1305207	61.73	ng	98
77) Pyrene	12.81	202	947006	58.63	ng	99
80) Benzo(a)anthracene	14.00	228	469687m	35.97	ng	
82) Chrysene	14.04	228	386350m	30.75	ng	
85) Indeno(1,2,3-cd)pyrene	16.83	276	170651	16.25	ng	96
87) Benzo(b)fluoranthene	15.03	252	400975m	25.17	ng	
88) Benzo(k)fluoranthene	15.05	252	145223m	11.06	ng	
89) Benzo(a)pyrene	15.37	252	327274	24.23	ng	96
90) Dibenzo(a,h)anthracene	16.84	278	47941m	4.26	ng	
91) Benzo(g,h,i)perylene	17.25	276	149952	13.75	ng	98

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

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