Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097218.D
Acq On : 31 Jul 2017 20:01
Operator : SJ/JU
Sample : I4456-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-17-SS-8

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:50 PM

Quant Time: Aug 01 12:07:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	115895	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	462132	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	215686	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	307182	20.00	ng		-0.01
75) Chrysene-d12	13.63	240	155194	20.00	ng		0.00
86) Perylene-d12	14.99	264	159974	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	765970	99.63	ng		0.00
7) Phenol-d6	6.17	99	915097	104.26	ng		0.00
23) Nitrobenzene-d5	7.05	82	559691	71.05	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	140261	82.31	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	853925	67.19	ng		-0.02
78) Terphenyl-d14	12.57	244	416245	54.68	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.18	94	47309	4.544	ng		84
20) 3+4-Methylphenols	6.96	107	22775	2.748	ng	#	64
31) Naphthalene	7.79	128	1892694	86.883	ng		100
37) 2-Methylnaphthalene	8.47	142	484570	35.132	ng		99
45) 1,1'-Biphenyl	8.94	154	147913	8.029	ng		97
48) Acenaphthylene	9.37	152	86840	4.173	ng		97
49) Dimethylphthalate	9.25	163	259934	15.870	ng		99
51) Acenaphthene	9.55	154	575202	46.928	ng		98
54) Dibenzofuran	9.72	168	671138	41.108	ng		99
57) Fluorene	10.06	166	658651	53.677	ng		99
70) Phenanthrene	11.03	178	3092494	187.892	ng		99
71) Anthracene	11.07	178	1096079	65.020	ng		99
72) Carbazole	11.23	167	752371	45.381	ng		99
74) Fluoranthene	12.22	202	2867515	177.841	ng		99
77) Pyrene	12.44	202	2418907	190.387	ng		98
80) Benzo(a)anthracene	13.63	228	1575173	156.863	ng		98
82) Chrysene	13.67	228	1297706m	132.346	ng		
85) Indeno(1,2,3-cd)pyrene	16.23	276	614169	73.047	ng		97
87) Benzo(b)fluoranthene	14.64	252	1768712m	183.927	ng		
88) Benzo(k)fluoranthene	14.66	252	394908m	43.095	ng		
89) Benzo(a)pyrene	14.94	252	1107739	125.863	ng		95
90) Dibenzo(a,h)anthracene	16.23	278	173108m	23.985	ng		
91) Benzo(g,h,i)perylene	16.60	276	562222	74.283	ng		97

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

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