Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089495.D
Acq On : 1 Aug 2016 5:01
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15-COMP

Manual Integrations APPROVED
sohil
8/1/2016 7:17:07 PM

Quant Time: Aug 01 07:22:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 04:11:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	39767	20.00	ng		-0.01
21) Naphthalene-d8	7.78	136	135732	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	53974	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	107866	20.00	ng		0.00
75) Chrysene-d12	13.63	240	99865	20.00	ng		0.01
86) Perylene-d12	14.97	264	86139	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	265344	106.54	ng		0.00
7) Phenol-d6	6.16	99	348637	105.92	ng		-0.01
23) Nitrobenzene-d5	7.06	82	189849	82.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	46803	104.70	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	264482	71.91	ng		-0.01
78) Terphenyl-d14	12.58	244	251547	58.95	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.80	128	321622	47.85	ng		100
37) 2-Methylnaphthalene	8.49	142	125669	31.03	ng		97
45) 1,1'-Biphenyl	8.96	154	38538	8.39	ng		95
48) Acenaphthylene	9.38	152	148460	27.31	ng		98
49) Dimethylphthalate	9.27	163	82776	20.15	ng		100
51) Acenaphthene	9.55	154	188160	59.27	ng		99
54) Dibenzofuran	9.72	168	200369	46.32	ng		94
57) Fluorene	10.07	166	276533	73.23	ng		99
70) Phenanthrene	11.03	178	976210	175.48	ng		99
71) Anthracene	11.07	178	407441	65.87	ng		99
72) Carbazole	11.23	167	82722	15.89	ng	#	94
74) Fluoranthene	12.22	202	1444842	246.90	ng		93
77) Pyrene	12.45	202	1296304	171.28	ng		98
80) Benzo(a)anthracene	13.62	228	901482	159.96	ng		94
82) Chrysene	13.67	228	665721	110.97	ng		95
85) Indeno(1,2,3-cd)pyrene	16.16	276	279174	65.45	ng		97
87) Benzo(b)fluoranthene	14.63	252	775073m	144.89	ng		
88) Benzo(k)fluoranthene	14.64	252	281589m	57.26	ng		
89) Benzo(a)pyrene	14.93	252	495562	103.27	ng		98
90) Dibenzo(a,h)anthracene	16.16	278	87096	23.04	ng		93
91) Benzo(g,h,i)perylene	16.51	276	242808	65.34	ng		95

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

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