Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088915.D
Acq On : 11 Jul 2016 22:49
Operator : UM/SJ
Sample : H3921-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B3(0-5)C

Manual Integrations APPROVED
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7/12/2016 7:35:09 PM

Quant Time: Jul 12 03:25:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61680	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	255204	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	100399	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	161888	20.00	ng		0.00
75) Chrysene-d12	13.84	240	128985	20.00	ng		-0.01
86) Perylene-d12	15.21	264	115992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	510381	124.01	ng		0.02
7) Phenol-d6	6.35	99	619902	116.57	ng		0.00
23) Nitrobenzene-d5	7.28	82	388288	79.73	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	109321	117.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	557603	87.73	ng		0.00
78) Terphenyl-d14	12.80	244	402372	69.48	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.48	93	477	0.06	ng	#	1
9) Benzaldehyde	6.35	77	803	0.22	ng	#	1
10) Phenol	6.36	94	4461	0.74	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	477	0.11	ng	#	1
15) Benzyl Alcohol	6.87	79	6797	1.74	ng	#	44
17) 2-Methylphenol	6.86	107	248	0.07	ng	#	1
22) Acetophenone	7.12	105	207	0.03	ng	#	57
24) Nitrobenzene	7.28	77	1184	0.24	ng	#	29
31) Naphthalene	8.02	128	1642	0.13	ng	#	68
37) 2-Methylnaphthalene	8.71	142	674	0.08	ng	#	91
45) 1,1'-Biphenyl	9.07	154	839	0.10	ng	#	1
47) 2-Nitroaniline	9.46	65	763	0.33	ng	#	1
48) Acenaphthylene	9.60	152	2460	0.24	ng	#	84
49) Dimethylphthalate	9.47	163	79364	11.10	ng		98
50) 2,6-Dinitrotoluene	9.47	165	783	0.49	ng	#	15
51) Acenaphthene	9.77	154	942	0.15	ng	#	91
54) Dibenzofuran	9.94	168	895	0.11	ng	#	78
55) 4-Nitrophenol	9.94	139	268	0.18	ng	#	5
57) Fluorene	10.28	166	1009	0.16	ng	#	89
59) Diethylphthalate	10.17	149	238	0.03	ng	#	60
62) Azobenzene	10.52	77	589	0.07	ng	#	18
65) n-Nitrosodiphenylamine	10.52	169	3681	0.67	ng	#	48
70) Phenanthrene	11.24	178	21779	2.46	ng		98
71) Anthracene	11.29	178	4343	0.49	ng		96
72) Carbazole	11.45	167	2986	0.36	ng		97
73) Di-n-butylphthalate	11.79	149	1400	0.15	ng	#	77
74) Fluoranthene	12.42	202	49586	5.53	ng		98
76) Benzidine	12.68	184	333	0.05	ng	#	1
77) Pyrene	12.65	202	42681	3.90	ng		97
79) Butylbenzylphthalate	13.28	149	481	0.10	ng	#	59
80) Benzo(a)anthracene	13.83	228	26329	3.17	ng		92
82) Chrysene	13.86	228	20468m	2.49	ng		
83) Bis(2-ethylhexyl)phthalate	13.84	149	19724	3.54	ng	#	99
84) Di-n-octyl phthalate	14.49	149	24809	2.62	ng	#	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
85) Indeno(1,2,3-cd)pyrene	16.49	276	12108	1.92	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	28439m	3.91	ng		
89) Benzo(a)pyrene	15.15	252	17908	2.91	ng		97
90) Dibenzo(a,h)anthracene	16.50	278	3673	0.71	ng	#	81
91) Benzo(g,h,i)perylene	16.88	276	11195	2.10	ng		96

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

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