Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088913.D
Acq On : 11 Jul 2016 21:51
Operator : UM/SJ
Sample : H3921-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N8-B6(0-2)C

Manual Integrations APPROVED
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7/12/2016 7:36:03 PM

Quant Time: Jul 12 03:17:21 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	60052	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	246996	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	95803	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	159936	20.00	ng		0.00
75) Chrysene-d12	13.84	240	130070	20.00	ng		-0.01
86) Perylene-d12	15.21	264	111507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	449183	112.10	ng		0.02
7) Phenol-d6	6.35	99	504281	97.40	ng		0.00
23) Nitrobenzene-d5	7.28	82	357760	75.91	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	98585	110.82	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	513587	84.68	ng		0.00
78) Terphenyl-d14	12.80	244	387742	66.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	927	0.47	ng	#	87
6) Aniline	6.36	93	210	0.03	ng	#	1
9) Benzaldehyde	6.35	77	619	0.18	ng	#	1
10) Phenol	6.36	94	5556	0.94	ng	#	1
11) bis(2-Chloroethyl)ether	6.48	93	493	0.11	ng	#	1
15) Benzyl Alcohol	6.87	79	6550	1.72	ng	#	46
17) 2-Methylphenol	6.86	107	209	0.06	ng	#	1
22) Acetophenone	7.12	105	228	0.04	ng	#	57
24) Nitrobenzene	7.28	77	1081	0.23	ng	#	30
27) 2,4-Dimethylphenol	7.72	122	6934	1.71	ng	#	7
31) Naphthalene	8.02	128	1060	0.09	ng	#	68
32) Benzoic acid	7.72	122	6934	2.35	ng	#	78
37) 2-Methylnaphthalene	8.71	142	562	0.07	ng	#	70
45) 1,1'-Biphenyl	9.07	154	808	0.10	ng	#	1
47) 2-Nitroaniline	9.46	65	754	0.34	ng	#	1
48) Acenaphthylene	9.60	152	1509	0.15	ng	#	60
49) Dimethylphthalate	9.47	163	76208	11.17	ng		98
50) 2,6-Dinitrotoluene	9.47	165	826	0.55	ng	#	13
51) Acenaphthene	9.77	154	568	0.09	ng	#	75
54) Dibenzofuran	9.94	168	590	0.07	ng	#	49
57) Fluorene	10.28	166	488	0.08	ng	#	80
62) Azobenzene	10.52	77	534	0.07	ng	#	8
65) n-Nitrosodiphenylamine	10.52	169	3126	0.58	ng	#	43
70) Phenanthrene	11.24	178	12696	1.45	ng		97
71) Anthracene	11.29	178	2864	0.33	ng		97
72) Carbazole	11.45	167	1747	0.21	ng	#	95
73) Di-n-butylphthalate	11.79	149	1324	0.14	ng	#	77
74) Fluoranthene	12.42	202	29949	3.38	ng		99
76) Benzidine	12.69	184	790	0.12	ng	#	1
77) Pyrene	12.65	202	24679	2.24	ng		98
79) Butylbenzylphthalate	13.28	149	693	0.14	ng	#	56
80) Benzo(a)anthracene	13.83	228	16071	1.92	ng	#	91
82) Chrysene	13.83	228	16071	1.94	ng		96
83) Bis(2-ethylhexyl)phthalate	13.84	149	6281	1.12	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) Di-n-octyl phthalate	14.49	149	1147	0.12	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	7328	1.15	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	18215m	2.60	ng		
89) Benzo(a)pyrene	15.15	252	11082	1.87	ng		96
90) Dibenzo(a,h)anthracene	16.50	278	2100	0.42	ng	#	68
91) Benzo(g,h,i)perylene	16.88	276	7154	1.40	ng		95

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

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