Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091213.D
Acq On : 17 Nov 2016 15:40
Operator : UM/SJ
Sample : PB94770BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94770BS

Quant Time: Nov 18 03:33:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	189422	20.00	ng		-0.03
21) Naphthalene-d8	7.92	136	832339	20.00	ng		-0.03
38) Acenaphthene-d10	9.66	164	457494	20.00	ng		-0.03
63) Phenanthrene-d10	11.14	188	727457	20.00	ng		-0.03
75) Chrysene-d12	13.78	240	572260	20.00	ng		-0.03
86) Perylene-d12	15.14	264	402517	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1495870	130.42	ng		-0.02
7) Phenol-d6	6.28	99	1748180	112.30	ng		-0.03
23) Nitrobenzene-d5	7.20	82	1154330	75.65	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	487729	117.92	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2081758	78.34	ng		-0.05
78) Terphenyl-d14	12.73	244	1878554	81.92	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	210815	32.13	ng		96
3) Pyridine	2.80	79	637949	41.56	ng		96
4) n-Nitrosodimethylamine	2.77	42	234611	38.64	ng		85
6) Aniline	6.29	93	264832	14.42	ng	#	1
8) 2-Chlorophenol	6.41	128	590232	43.14	ng		91
9) Benzaldehyde	6.18	77	43205	5.00	ng		99
10) Phenol	6.29	94	650306	37.75	ng	#	68
11) bis(2-Chloroethyl)ether	6.36	93	576098	39.68	ng		98
12) 1,3-Dichlorobenzene	6.56	146	608094	43.95	ng		95
13) 1,4-Dichlorobenzene	6.64	146	618950	41.69	ng		97
14) 1,2-Dichlorobenzene	6.78	146	534827	39.25	ng		97
15) Benzyl Alcohol	6.78	79	478865	43.61	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	688565	33.12	ng	#	46
17) 2-Methylphenol	6.91	107	463255	42.77	ng	#	91
18) Hexachloroethane	7.13	117	237167	41.28	ng		93
19) n-Nitroso-di-n-propylamine	7.06	70	460596	42.70	ng	#	87
20) 3+4-Methylphenols	7.06	107	631399	48.55	ng		91
22) Acetophenone	7.05	105	827851	43.20	ng	#	93
24) Nitrobenzene	7.22	77	658184	39.06	ng		93
25) Isophorone	7.46	82	1221675	41.55	ng		98
26) 2-Nitrophenol	7.54	139	309123	43.35	ng	#	67
27) 2,4-Dimethylphenol	7.58	122	505740	42.88	ng		96
28) bis(2-Chloroethoxy)methane	7.68	93	756252	47.08	ng		100
29) 2,4-Dichlorophenol	7.78	162	462344	44.92	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	512599	44.29	ng		97
31) Naphthalene	7.93	128	1638893	41.17	ng		99
32) Benzoic acid	7.76	122	246944	29.08	ng		98
33) 4-Chloroaniline	8.00	127	149095	9.01	ng	#	95
34) Hexachlorobutadiene	8.05	225	297162	47.57	ng		99
35) Caprolactam	8.37	113	149551m	46.25	ng		
36) 4-Chloro-3-methylphenol	8.50	107	537352	43.12	ng		92
37) 2-Methylnaphthalene	8.62	142	1079259	42.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	547973	46.98	ng		99
40) Hexachlorocyclopentadiene	8.78	237	425039	92.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	322850	42.88	ng		95
43) 2,4,5-Trichlorophenol	8.97	196	355552	44.97	ng		95
45) 1,1'-Biphenyl	9.09	154	1394148	41.73	ng		98
46) 2-Chloronaphthalene	9.12	162	1110229	43.77	ng		97
47) 2-Nitroaniline	9.22	65	335932	35.69	ng		94
48) Acenaphthylene	9.53	152	1579528	39.96	ng		99
49) Dimethylphthalate	9.40	163	1207619	40.26	ng		100
50) 2,6-Dinitrotoluene	9.47	165	298709	46.46	ng	#	57
51) Acenaphthene	9.70	154	1023966	41.26	ng		100
52) 3-Nitroaniline	9.63	138	96894	12.71	ng		90
53) 2,4-Dinitrophenol	9.76	184	173756	51.99	ng		95
54) Dibenzofuran	9.87	168	1389424	41.60	ng		98
55) 4-Nitrophenol	9.82	139	337671	67.47	ng	#	81
56) 2,4-Dinitrotoluene	9.87	165	323927	39.60	ng	#	74
57) Fluorene	10.21	166	1128680	41.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	288554	46.59	ng		97
59) Diethylphthalate	10.10	149	1194797	38.85	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	504128	40.57	ng	#	75
61) 4-Nitroaniline	10.25	138	252817	32.78	ng		96
62) Azobenzene	10.36	77	1378618	38.08	ng		85
64) 4,6-Dinitro-2-methylphenol	10.28	198	164070	36.83	ng	#	50
65) n-Nitrosodiphenylamine	10.33	169	984297	42.57	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	340306	44.97	ng	#	83
67) Hexachlorobenzene	10.76	284	396795	47.55	ng	#	82
68) Atrazine	10.86	200	295237	44.26	ng		97
69) Pentachlorophenol	10.96	266	290890	78.70	ng		98
70) Phenanthrene	11.17	178	1654154	42.77	ng		99
71) Anthracene	11.22	178	1612707	39.23	ng		99
72) Carbazole	11.38	167	1389362	37.50	ng		99
73) Di-n-butylphthalate	11.72	149	1967483	42.22	ng		99
74) Fluoranthene	12.35	202	1539283	38.38	ng		95
76) Benzidine	12.49	184	300937	23.54	ng		98
77) Pyrene	12.58	202	1695037	45.23	ng		99
79) Butylbenzylphthalate	13.21	149	804271	44.86	ng		92
80) Benzo(a)anthracene	13.77	228	1406159	43.28	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	230378	20.18	ng	#	98
82) Chrysene	13.80	228	1145220	35.75	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1053155	43.41	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1789672	44.87	ng		96
85) Indeno(1,2,3-cd)pyrene	16.42	276	1004358	37.78	ng		96
87) Benzo(b)fluoranthene	14.77	252	1195228m	43.78	ng		
88) Benzo(k)fluoranthene	14.80	252	1042037m	43.51	ng		
89) Benzo(a)pyrene	15.09	252	1029961	43.34	ng		100
90) Dibenzo(a,h)anthracene	16.42	278	848412	41.29	ng		100
91) Benzo(g,h,i)perylene	16.79	276	788214	42.42	ng		99

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

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