Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090160.D
Acq On : 21 Sep 2016 14:59
Operator : UM/SJ
Sample : PB93510BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93510BS

Quant Time: Sep 22 06:01:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	173083	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	680508	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	381616	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	568472	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	380057	20.00	ng		-0.01
86) Perylene-d12	14.94	264	341529	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1366226	128.66	ng		0.01
7) Phenol-d6	6.17	99	1650725	125.88	ng		0.00
23) Nitrobenzene-d5	7.08	82	1065218	90.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	387829	118.46	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1604475	82.54	ng		-0.01
78) Terphenyl-d14	12.59	244	1374853	91.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	201400	34.96	ng		98
3) Pyridine	2.57	79	488388	39.09	ng		99
4) n-Nitrosodimethylamine	2.54	42	190812	51.17	ng		99
6) Aniline	6.17	93	465172	28.46	ng		93
8) 2-Chlorophenol	6.30	128	547002	44.77	ng		84
9) Benzaldehyde	6.04	77	50253	8.79	ng		94
10) Phenol	6.18	94	666048	42.96	ng	#	72
11) bis(2-Chloroethyl)ether	6.26	93	535912	44.33	ng		89
12) 1,3-Dichlorobenzene	6.44	146	560304	43.90	ng		99
13) 1,4-Dichlorobenzene	6.52	146	566379	43.46	ng		100
14) 1,2-Dichlorobenzene	6.67	146	447789m	38.57	ng		
15) Benzyl Alcohol	6.67	79	388944	49.74	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.81	45	647274	44.81	ng		95
17) 2-Methylphenol	6.80	107	461817	47.99	ng		94
18) Hexachloroethane	7.02	117	198597	42.72	ng		98
19) n-Nitroso-di-n-propylamine	6.95	70	362184	47.02	ng		100
20) 3+4-Methylphenols	6.95	107	544029	47.09	ng		95
22) Acetophenone	6.94	105	693929	42.29	ng	#	99
24) Nitrobenzene	7.10	77	512182	41.87	ng		97
25) Isophorone	7.35	82	1091195	44.49	ng		99
26) 2-Nitrophenol	7.42	139	278074	46.17	ng		98
27) 2,4-Dimethylphenol	7.47	122	465770	43.53	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	669024	45.09	ng		99
29) 2,4-Dichlorophenol	7.67	162	453713	48.34	ng		95
30) 1,2,4-Trichlorobenzene	7.75	180	432699	46.15	ng		95
31) Naphthalene	7.82	128	1442900	44.53	ng		100
32) Benzoic acid	7.63	122	296196	40.32	ng		95
33) 4-Chloroaniline	7.87	127	273147	20.32	ng		99
34) Hexachlorobutadiene	7.94	225	214696	43.41	ng		99
35) Caprolactam	8.26	113	155548m	50.07	ng		
36) 4-Chloro-3-methylphenol	8.38	107	466027	43.93	ng		98
37) 2-Methylnaphthalene	8.51	142	1011128	50.18	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	300795	34.34	ng		99
40) Hexachlorocyclopentadiene	8.66	237	348998	80.74	ng		100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090160.D
Acq On : 21 Sep 2016 14:59
Operator : UM/SJ
Sample : PB93510BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93510BS

Quant Time: Sep 22 06:01:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	283226	45.37	ng		98
43) 2,4,5-Trichlorophenol	8.84	196	309354	47.86	ng		97
45) 1,1'-Biphenyl	8.97	154	1014743	37.17	ng		99
46) 2-Chloronaphthalene	8.99	162	848770	42.14	ng		99
47) 2-Nitroaniline	9.10	65	281832	46.41	ng		87
48) Acenaphthylene	9.40	152	1369627	41.87	ng		99
49) Dimethylphthalate	9.29	163	988251	40.66	ng		99
50) 2,6-Dinitrotoluene	9.35	165	262739	48.50	ng	#	77
51) Acenaphthene	9.58	154	841404	43.34	ng		100
52) 3-Nitroaniline	9.51	138	190834	30.05	ng		95
53) 2,4-Dinitrophenol	9.62	184	262574	86.39	ng	#	86
54) Dibenzofuran	9.75	168	1091374	42.71	ng		95
55) 4-Nitrophenol	9.69	139	338625	77.82	ng		84
56) 2,4-Dinitrotoluene	9.75	165	296538	46.29	ng		89
57) Fluorene	10.09	166	904927	46.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	236183	48.81	ng		96
59) Diethylphthalate	9.99	149	1002782	42.72	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	359809	40.98	ng	#	82
61) 4-Nitroaniline	10.12	138	284609	43.96	ng		91
62) Azobenzene	10.24	77	1134873	46.45	ng		98
64) 4,6-Dinitro-2-methylphenol	10.15	198	150131	42.16	ng	#	57
65) n-Nitrosodiphenylamine	10.20	169	848016	45.36	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	260758	46.61	ng	#	91
67) Hexachlorobenzene	10.63	284	278481	42.71	ng		95
68) Atrazine	10.74	200	224522	43.83	ng		96
69) Pentachlorophenol	10.82	266	303397	81.99	ng		98
70) Phenanthrene	11.04	178	1370160	51.54	ng		98
71) Anthracene	11.08	178	1272768	45.65	ng		99
72) Carbazole	11.24	167	1309279	44.42	ng		99
73) Di-n-butylphthalate	11.60	149	1684325	49.14	ng	#	98
74) Fluoranthene	12.21	202	1189837	41.69	ng		100
76) Benzidine	12.34	184	329084	25.87	ng		96
77) Pyrene	12.43	202	1277817	49.13	ng		100
79) Butylbenzylphthalate	13.07	149	624839	49.12	ng		90
80) Benzo(a)anthracene	13.61	228	927319	45.35	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	254190	30.14	ng	#	98
82) Chrysene	13.65	228	767002m	38.51	ng		
83) Bis(2-ethylhexyl)phthalate	13.63	149	716296	44.00	ng		100
84) Di-n-octyl phthalate	14.24	149	1294027	46.14	ng		97
85) Indeno(1,2,3-cd)pyrene	16.10	276	965713	59.97	ng		97
87) Benzo(b)fluoranthene	14.59	252	1146190m	60.61	ng		
88) Benzo(k)fluoranthene	14.63	252	572947m	32.28	ng		
89) Benzo(a)pyrene	14.89	252	832972	46.82	ng	#	96
90) Dibenzo(a,h)anthracene	16.13	278	807303	58.15	ng		96
91) Benzo(g,h,i)perylene	16.46	276	825590	60.76	ng	#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090160.D
Acq On : 21 Sep 2016 14:59
Operator : UM/SJ
Sample : PB93510BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93510BS

Quant Time: Sep 22 06:01:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration