Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94712BS

Quant Time: Nov 15 00:31:17 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	6.64	152	181107	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	778970	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	421437	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	643212	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	536524	20.00	ng		-0.03
86) Perylene-d12	15.15	264	471059	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1297784	118.35	ng		-0.01
7) Phenol-d6	6.29	99	1757151	118.05	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1084055	75.92	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	465517	122.18	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1892763	77.32	ng		-0.03
78) Terphenyl-d14	12.74	244	2004715	93.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	183605	29.27	ng	#	94
3) Pyridine	2.82	79	533694	36.37	ng		97
4) n-Nitrosodimethylamine	2.78	42	205702	35.44	ng		83
6) Aniline	6.30	93	405735	23.11	ng	#	48
8) 2-Chlorophenol	6.42	128	513211	39.23	ng		99
9) Benzaldehyde	6.19	77	48111	5.82	ng		97
10) Phenol	6.30	94	535775	32.53	ng		89
11) bis(2-Chloroethyl)ether	6.38	93	551421	39.73	ng		87
12) 1,3-Dichlorobenzene	6.57	146	521827m	39.44	ng		
13) 1,4-Dichlorobenzene	6.65	146	546599m	38.51	ng		
14) 1,2-Dichlorobenzene	6.81	146	530235	40.70	ng		98
15) Benzyl Alcohol	6.80	79	424494	40.43	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.93	45	654863	32.95	ng		91
17) 2-Methylphenol	6.92	107	418110	40.38	ng		95
18) Hexachloroethane	7.14	117	206564	37.60	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	414014	40.14	ng	#	88
20) 3+4-Methylphenols	7.07	107	549174	44.17	ng		89
22) Acetophenone	7.06	105	744176	41.49	ng	#	94
24) Nitrobenzene	7.23	77	612627	38.85	ng		97
25) Isophorone	7.47	82	1071328	38.93	ng		99
26) 2-Nitrophenol	7.55	139	287058	43.01	ng	#	71
27) 2,4-Dimethylphenol	7.60	122	443073	40.14	ng		96
28) bis(2-Chloroethoxy)methane	7.69	93	667544	44.41	ng		99
29) 2,4-Dichlorophenol	7.79	162	405779	42.12	ng		94
30) 1,2,4-Trichlorobenzene	7.87	180	465865	43.01	ng		99
31) Naphthalene	7.95	128	1468310	39.41	ng		99
32) Benzoic acid	7.76	122	251441	31.19	ng		99
33) 4-Chloroaniline	8.01	127	224336	14.48	ng		96
34) Hexachlorobutadiene	8.06	225	253459	43.36	ng		98
35) Caprolactam	8.38	113	139235m	46.01	ng		
36) 4-Chloro-3-methylphenol	8.51	107	497552	42.67	ng		92
37) 2-Methylnaphthalene	8.64	142	955618	39.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468052	43.56	ng		99
40) Hexachlorocyclopentadiene	8.80	237	369661	87.95	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94712BS

Quant Time: Nov 15 00:31:17 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)
42) 2,4,6-Trichlorophenol	8.93	196	284921	41.08	ng		95
43) 2,4,5-Trichlorophenol	8.98	196	308978	42.43	ng		95
45) 1,1'-Biphenyl	9.10	154	1220470	39.66	ng		98
46) 2-Chloronaphthalene	9.13	162	994486	42.57	ng		97
47) 2-Nitroaniline	9.23	65	319545	36.85	ng		94
48) Acenaphthylene	9.54	152	1442215	39.61	ng		99
49) Dimethylphthalate	9.41	163	1094759	39.62	ng		100
50) 2,6-Dinitrotoluene	9.48	165	253309	42.77	ng	#	53
51) Acenaphthene	9.71	154	902843	39.50	ng		99
52) 3-Nitroaniline	9.64	138	140061	19.94	ng		94
53) 2,4-Dinitrophenol	9.76	184	226235	70.90	ng	#	65
54) Dibenzofuran	9.88	168	1242377	40.38	ng		98
55) 4-Nitrophenol	9.84	139	352238	75.65	ng	#	79
56) 2,4-Dinitrotoluene	9.88	165	314678	41.76	ng	#	77
57) Fluorene	10.22	166	1082975	43.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	274845	48.17	ng		98
59) Diethylphthalate	10.11	149	1100507	38.84	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	483342	42.22	ng	#	77
61) 4-Nitroaniline	10.26	138	263291	37.06	ng		94
62) Azobenzene	10.37	77	1272155	38.14	ng		85
64) 4,6-Dinitro-2-methylphenol	10.29	198	182533	46.34	ng	#	64
65) n-Nitrosodiphenylamine	10.34	169	871518	42.63	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	320395	47.89	ng	#	81
67) Hexachlorobenzene	10.77	284	354954	48.10	ng	#	82
68) Atrazine	10.88	200	277600	47.07	ng		99
69) Pentachlorophenol	10.97	266	306371	93.74	ng		99
70) Phenanthrene	11.17	178	1419944	41.53	ng		99
71) Anthracene	11.23	178	1525420	41.96	ng		100
72) Carbazole	11.39	167	1333338	40.70	ng		98
73) Di-n-butylphthalate	11.72	149	1675167	40.66	ng		99
74) Fluoranthene	12.36	202	1605030	45.26	ng		92
76) Benzidine	12.49	184	512342	42.74	ng		98
77) Pyrene	12.59	202	1598962	45.51	ng		98
79) Butylbenzylphthalate	13.22	149	759669	45.20	ng	#	73
80) Benzo(a)anthracene	13.77	228	1322081	43.40	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	245004	22.89	ng		99
82) Chrysene	13.81	228	1442662	48.03	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	940659	41.36	ng	#	94
84) Di-n-octyl phthalate	14.39	149	1613386	43.14	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.43	276	1117643	44.84	ng		96
87) Benzo(b)fluoranthene	14.77	252	1197031m	37.47	ng		
88) Benzo(k)fluoranthene	14.81	252	1342133m	47.89	ng		
89) Benzo(a)pyrene	15.09	252	1140145	40.99	ng	#	97
90) Dibenzo(a,h)anthracene	16.43	278	952636	39.62	ng		100
91) Benzo(g,h,i)perylene	16.80	276	868518	39.94	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94712BS

Quant Time: Nov 15 00:31:17 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