Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091675.D
Acq On : 16 Dec 2016 16:24
Operator : UM/SJ
Sample : PB95362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95362BS

Quant Time: Dec 16 23:08:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	204839	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	946441	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	503416	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	799631	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	646702	20.00	ng		-0.01
86) Perylene-d12	15.32	264	539594	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1822573	149.90	ng		0.01
7) Phenol-d6	6.42	99	2162190	142.65	ng		-0.01
23) Nitrobenzene-d5	7.34	82	1635429	96.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	565889	135.34	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	2395297	82.21	ng		-0.01
78) Terphenyl-d14	12.88	244	2293604	80.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	203255	31.67	ng		87
3) Pyridine	3.08	79	510331	29.85	ng	#	82
4) n-Nitrosodimethylamine	3.04	42	293902	40.01	ng	#	75
6) Aniline	6.44	93	377902	19.02	ng		88
8) 2-Chlorophenol	6.57	128	701415	51.11	ng		90
9) Benzaldehyde	6.32	77	110433	10.59	ng		79
10) Phenol	6.43	94	697610	39.36	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	619135	46.50	ng		94
12) 1,3-Dichlorobenzene	6.72	146	727417	48.88	ng		99
13) 1,4-Dichlorobenzene	6.80	146	710357	48.39	ng		97
14) 1,2-Dichlorobenzene	6.94	146	664267	50.22	ng		98
15) Benzyl Alcohol	6.92	79	600710	50.19	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	966783	46.86	ng		79
17) 2-Methylphenol	7.05	107	602475	53.06	ng	#	78
18) Hexachloroethane	7.29	117	281522	49.14	ng	#	88
19) n-Nitroso-di-n-propylamine	7.20	70	489029	51.59	ng	#	81
20) 3+4-Methylphenols	7.20	107	702927	58.24	ng	#	86
22) Acetophenone	7.18	105	967964	42.69	ng	#	96
24) Nitrobenzene	7.36	77	718179	40.09	ng		93
25) Isophorone	7.61	82	1441412	47.82	ng		96
26) 2-Nitrophenol	7.68	139	372086	47.06	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	629117	45.30	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	751523	42.50	ng		99
29) 2,4-Dichlorophenol	7.93	162	629455	52.09	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	627793	45.71	ng		96
31) Naphthalene	8.08	128	2021026	45.90	ng		99
32) Benzoic acid	7.86	122	427928	43.45	ng		93
33) 4-Chloroaniline	8.13	127	211625	11.15	ng		96
34) Hexachlorobutadiene	8.20	225	324158	41.17	ng		98
35) Caprolactam	8.51	113	204481m	57.94	ng		
36) 4-Chloro-3-methylphenol	8.62	107	666687	49.19	ng		100
37) 2-Methylnaphthalene	8.77	142	1207376	42.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	576830	41.78	ng		99
40) Hexachlorocyclopentadiene	8.93	237	606080	98.46	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091675.D
Acq On : 16 Dec 2016 16:24
Operator : UM/SJ
Sample : PB95362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95362BS

Quant Time: Dec 16 23:08:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	407127	45.89 ng		95
43) 2,4,5-Trichlorophenol	9.10	196	452417m	49.62 ng		
45) 1,1'-Biphenyl	9.24	154	1661905	45.58 ng		97
46) 2-Chloronaphthalene	9.26	162	1264219	44.77 ng		98
47) 2-Nitroaniline	9.36	65	385245	40.57 ng		87
48) Acenaphthylene	9.68	152	1875715	43.58 ng		99
49) Dimethylphthalate	9.55	163	1545888	48.50 ng		99
50) 2,6-Dinitrotoluene	9.61	165	363043	51.89 ng	#	76
51) Acenaphthene	9.85	154	1425861	47.70 ng		97
52) 3-Nitroaniline	9.77	138	149737	18.22 ng		98
53) 2,4-Dinitrophenol	9.88	184	375850	87.49 ng		89
54) Dibenzofuran	10.02	168	1610537	43.54 ng		99
55) 4-Nitrophenol	9.95	139	629096	102.88 ng	#	81
56) 2,4-Dinitrotoluene	10.01	165	419890	47.88 ng	#	62
57) Fluorene	10.36	166	1223577	46.46 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	364706	51.10 ng		98
59) Diethylphthalate	10.25	149	1519223	49.50 ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	585015	43.99 ng		97
61) 4-Nitroaniline	10.38	138	324014	39.67 ng		91
62) Azobenzene	10.51	77	1661915	47.78 ng		88
64) 4,6-Dinitro-2-methylphenol	10.42	198	263396	53.86 ng	#	44
65) n-Nitrosodiphenylamine	10.48	169	1169698	49.07 ng		99
66) 4-Bromophenyl-phenylether	10.84	248	365197	44.55 ng		95
67) Hexachlorobenzene	10.91	284	407227	47.77 ng	#	86
68) Atrazine	11.01	200	405378	52.88 ng		91
69) Pentachlorophenol	11.10	266	440175	91.75 ng		96
70) Phenanthrene	11.32	178	2068048	52.23 ng		99
71) Anthracene	11.37	178	1941457	45.46 ng		100
72) Carbazole	11.53	167	1850485	49.43 ng		100
73) Di-n-butylphthalate	11.86	149	1951028	44.73 ng	#	98
74) Fluoranthene	12.50	202	1947336	46.97 ng		95
76) Benzidine	12.63	184	420888	21.05 ng		98
77) Pyrene	12.73	202	1954972	38.10 ng		99
79) Butylbenzylphthalate	13.36	149	1060212	53.01 ng		100
80) Benzo(a)anthracene	13.92	228	1572885	41.88 ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	426519	31.63 ng		99
82) Chrysene	13.95	228	1486079	37.82 ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1165873	45.44 ng	#	97
84) Di-n-octyl phthalate	14.52	149	2244972	51.54 ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.67	276	1605151	45.40 ng		99
87) Benzo(b)fluoranthene	14.93	252	1723498m	53.58 ng		
88) Benzo(k)fluoranthene	14.96	252	1286642m	45.49 ng		
89) Benzo(a)pyrene	15.27	252	1385324	47.81 ng		99
90) Dibenzo(a,h)anthracene	16.69	278	1298509	50.02 ng	#	94
91) Benzo(g,h,i)perylene	17.08	276	1344564	50.89 ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091675.D
Acq On : 16 Dec 2016 16:24
Operator : UM/SJ
Sample : PB95362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95362BS

Quant Time: Dec 16 23:08:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration