Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087236.D
Acq On : 20 May 2016 20:55
Operator : UM/SJ
Sample : PB90711BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90711BS

Quant Time: May 21 00:37:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	141510	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	611928	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	298433	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	579512	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	394374	20.00	ng		-0.07
86) Perylene-d12	15.04	264	317275	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	862943	102.50	ng		-0.06
7) Phenol-d6	6.23	99	1059192	93.80	ng		-0.06
23) Nitrobenzene-d5	7.13	82	789531	64.30	ng		-0.06
41) 2,4,6-Tribromophenol	10.39	330	324566	98.42	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1282518	71.17	ng		-0.06
78) Terphenyl-d14	12.65	244	1273053	73.02	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	105148	24.28	ng	#	56
3) Pyridine	2.66	79	257480	24.58	ng	#	66
4) n-Nitrosodimethylamine	2.63	42	238571	32.14	ng	#	51
6) Aniline	6.23	93	239039	16.67	ng	#	68
8) 2-Chlorophenol	6.34	128	335816	32.78	ng	#	79
9) Benzaldehyde	6.11	77	61730	8.02	ng		98
10) Phenol	6.24	94	433128	30.51	ng	#	64
11) bis(2-Chloroethyl)ether	6.31	93	346571	32.52	ng		93
12) 1,3-Dichlorobenzene	6.49	146	335924m	30.85	ng		
13) 1,4-Dichlorobenzene	6.57	146	352889m	31.67	ng		
14) 1,2-Dichlorobenzene	6.73	146	308531	31.63	ng		96
15) Benzyl Alcohol	6.73	79	301200	35.83	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	666407	30.41	ng		66
17) 2-Methylphenol	6.86	107	276576	32.88	ng	#	78
18) Hexachloroethane	7.06	117	136443	32.04	ng		94
19) n-Nitroso-di-n-propylamine	6.99	70	295207	34.39	ng	#	73
20) 3+4-Methylphenols	7.02	107	396927	35.77	ng	#	59
22) Acetophenone	6.98	105	479291	32.01	ng	#	98
24) Nitrobenzene	7.15	77	406032	30.29	ng		97
25) Isophorone	7.39	82	727227	32.36	ng		97
26) 2-Nitrophenol	7.47	139	184428	33.21	ng	#	80
27) 2,4-Dimethylphenol	7.53	122	310667	32.78	ng	#	85
28) bis(2-Chloroethoxy)methane	7.61	93	417303	33.82	ng	#	98
29) 2,4-Dichlorophenol	7.72	162	305648	36.60	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	306694	33.09	ng		98
31) Naphthalene	7.86	128	959841	32.10	ng		99
32) Benzoic acid	7.70	122	165881	29.36	ng	#	82
33) 4-Chloroaniline	7.94	127	121042	9.74	ng	#	94
34) Hexachlorobutadiene	7.99	225	181313	34.48	ng		96
35) Caprolactam	8.32	113	93257m	33.53	ng		
36) 4-Chloro-3-methylphenol	8.44	107	355094	35.25	ng		92
37) 2-Methylnaphthalene	8.56	142	672352	35.16	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	284154	32.60	ng		98
40) Hexachlorocyclopentadiene	8.71	237	214041	65.20	ng		95

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087236.D
Acq On : 20 May 2016 20:55
Operator : UM/SJ
Sample : PB90711BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90711BS

Quant Time: May 21 00:37:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	182638	32.31	ng		93
43) 2,4,5-Trichlorophenol	8.90	196	197139	33.57	ng	#	94
45) 1,1'-Biphenyl	9.03	154	843909	34.10	ng		99
46) 2-Chloronaphthalene	9.05	162	609379	32.08	ng		96
47) 2-Nitroaniline	9.15	65	237804	32.67	ng	#	66
48) Acenaphthylene	9.45	152	910661	31.39	ng		99
49) Dimethylphthalate	9.34	163	773793	33.99	ng		100
50) 2,6-Dinitrotoluene	9.40	165	184279	37.28	ng		95
51) Acenaphthene	9.62	154	566492	31.26	ng		98
52) 3-Nitroaniline	9.58	138	79230	14.81	ng		98
53) 2,4-Dinitrophenol	9.69	184	158509	57.39	ng	#	85
54) Dibenzofuran	9.79	168	831364	35.48	ng	#	88
55) 4-Nitrophenol	9.77	139	145798m	49.95	ng		
56) 2,4-Dinitrotoluene	9.80	165	207579	32.79	ng	#	63
57) Fluorene	10.14	166	620749	32.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	181229	39.62	ng		95
59) Diethylphthalate	10.03	149	790191	36.36	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	335292	37.57	ng		89
61) 4-Nitroaniline	10.19	138	175926	33.30	ng	#	76
62) Azobenzene	10.30	77	952104	38.02	ng		88
64) 4,6-Dinitro-2-methylphenol	10.22	198	121010	31.71	ng	#	29
65) n-Nitrosodiphenylamine	10.26	169	638907	35.03	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	192892	32.37	ng		91
67) Hexachlorobenzene	10.68	284	217485	31.48	ng	#	81
68) Atrazine	10.80	200	220163	37.01	ng		94
69) Pentachlorophenol	10.89	266	160131	61.69	ng		98
70) Phenanthrene	11.10	178	1083272	34.47	ng		100
71) Anthracene	11.14	178	1001270	31.50	ng		100
72) Carbazole	11.31	167	974047	33.54	ng		100
73) Di-n-butylphthalate	11.64	149	1243573	37.28	ng		99
74) Fluoranthene	12.27	202	1030947	32.74	ng		95
76) Benzidine	12.41	184	240851	18.67	ng		96
77) Pyrene	12.50	202	1071289	37.60	ng		100
79) Butylbenzylphthalate	13.13	149	510203	42.42	ng		91
80) Benzo(a)anthracene	13.68	228	782303	34.31	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	156365	10.78	ng	#	97
82) Chrysene	13.73	228	858479	38.91	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	635251	43.40	ng		98
84) Di-n-octyl phthalate	14.30	149	1061898	42.11	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	583825	30.15	ng		96
87) Benzo(b)fluoranthene	14.69	252	677406m	32.18	ng		
88) Benzo(k)fluoranthene	14.71	252	613121m	39.13	ng		
89) Benzo(a)pyrene	14.99	252	602571	34.25	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	504978	34.09	ng		95
91) Benzo(g,h,i)perylene	16.63	276	505669	33.80	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087236.D
Acq On : 20 May 2016 20:55
Operator : UM/SJ
Sample : PB90711BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90711BS

Quant Time: May 21 00:37:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration