Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019122.D
Acq On : 10 Oct 2015 18:05
Operator : UM/NP
Sample : PB85991BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85991BS

Quant Time: Oct 12 06:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16361	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	69050	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	47251	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	127745	20.00	ng		0.00
75) Chrysene-d12	21.68	240	171643	20.00	ng		0.00
86) Perylene-d12	24.90	264	166740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	96493	120.08	ng		0.00
7) Phenol-d6	7.20	99	145345	117.74	ng		0.00
23) Nitrobenzene-d5	9.19	82	94981	76.00	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	75025	116.52	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	226512	73.71	ng		0.00
78) Terphenyl-d14	20.02	244	490159	75.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	10494	31.05	ng		92
3) Pyridine	3.90	79	25067	24.26	ng		93
4) n-Nitrosodimethylamine	3.81	42	16029	27.36	ng		98
6) Aniline	7.36	93	28235	16.89	ng		97
8) 2-Chlorophenol	7.60	128	31603	31.34	ng		95
9) Benzaldehyde	7.17	77	2618	3.37	ng		89
10) Phenol	7.22	94	40703	31.66	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	27560	28.37	ng		98
12) 1,3-Dichlorobenzene	7.92	146	30692	27.88	ng		99
13) 1,4-Dichlorobenzene	8.07	146	31494	27.96	ng		97
14) 1,2-Dichlorobenzene	8.38	146	31243	28.66	ng		92
15) Benzyl Alcohol	8.27	79	31358	28.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	61288	29.46	ng		97
17) 2-Methylphenol	8.47	107	29036	31.63	ng		98
18) Hexachloroethane	9.12	117	11834	27.57	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	24929	25.45	ng		97
20) 3+4-Methylphenols	8.80	107	39763	30.07	ng		99
22) Acetophenone	8.85	105	59930	37.12	ng	#	97
24) Nitrobenzene	9.23	77	39818	30.03	ng		99
25) Isophorone	9.75	82	70920	27.90	ng		100
26) 2-Nitrophenol	9.95	139	15513	27.44	ng		97
27) 2,4-Dimethylphenol	10.01	122	30838	31.22	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	39287	28.96	ng		97
29) 2,4-Dichlorophenol	10.48	162	33011	31.87	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	33245	29.91	ng		97
31) Naphthalene	10.89	128	97163	29.24	ng		97
32) Benzoic acid	10.13	122	13361	26.03	ng		94
33) 4-Chloroaniline	10.99	127	17332	11.22	ng		97
34) Hexachlorobutadiene	11.17	225	22330	29.30	ng		96
35) Caprolactam	11.75	113	14815	38.84	ng	#	87
36) 4-Chloro-3-methylphenol	12.11	107	38697	29.40	ng		98
37) 2-Methylnaphthalene	12.49	142	75402	29.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	49832	36.70	ng		98
40) Hexachlorocyclopentadiene	12.84	237	56023	79.31	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019122.D
Acq On : 10 Oct 2015 18:05
Operator : UM/NP
Sample : PB85991BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85991BS

Quant Time: Oct 12 06:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	28417	30.06	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	29830	29.69	ng		93
45) 1,1'-Biphenyl	13.50	154	126381	36.83	ng		99
46) 2-Chloronaphthalene	13.54	162	78990	29.92	ng		97
47) 2-Nitroaniline	13.74	65	31284	29.51	ng		98
48) Acenaphthylene	14.38	152	135517	29.10	ng		100
49) Dimethylphthalate	14.11	163	108713	29.13	ng		100
50) 2,6-Dinitrotoluene	14.23	165	23066	28.93	ng		94
51) Acenaphthene	14.72	154	80326	28.69	ng		100
52) 3-Nitroaniline	14.56	138	15910	18.09	ng		98
53) 2,4-Dinitrophenol	14.76	184	26946	62.82	ng		94
54) Dibenzofuran	15.06	168	127271	30.76	ng		97
55) 4-Nitrophenol	14.87	139	50454	75.79	ng		96
56) 2,4-Dinitrotoluene	15.02	165	35783	30.87	ng		93
57) Fluorene	15.70	166	110217	30.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	29714	31.24	ng	#	99
59) Diethylphthalate	15.48	149	115311	29.75	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	54189	29.63	ng		98
61) 4-Nitroaniline	15.72	138	29304	30.65	ng		93
62) Azobenzene	15.99	77	113588	31.60	ng		98
64) 4,6-Dinitro-2-methylphenol	15.78	198	19729	28.29	ng		98
65) n-Nitrosodiphenylamine	15.91	169	98863	28.00	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	38064	29.32	ng		98
67) Hexachlorobenzene	16.72	284	44427	29.14	ng		95
68) Atrazine	16.86	200	58001	39.89	ng		97
69) Pentachlorophenol	17.06	266	55200	69.45	ng		97
70) Phenanthrene	17.45	178	196439	29.88	ng		98
71) Anthracene	17.54	178	201609	30.66	ng		99
72) Carbazole	17.81	167	200447	32.56	ng		98
73) Di-n-butylphthalate	18.37	149	242819	32.20	ng		99
74) Fluoranthene	19.46	202	278109	32.88	ng		99
76) Benzidine	19.64	184	109817	24.94	ng		98
77) Pyrene	19.82	202	290057	30.18	ng		98
79) Butylbenzylphthalate	20.70	149	114001	29.11	ng		98
80) Benzo(a)anthracene	21.66	228	278572	30.28	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	78715	23.13	ng		98
82) Chrysene	21.73	228	261002	29.89	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	162711	29.91	ng		99
84) Di-n-octyl phthalate	22.79	149	279875	29.78	ng		100
85) Indeno(1,2,3-cd)pyrene	28.58	276	316052	29.74	ng		98
87) Benzo(b)fluoranthene	23.88	252	275658	30.75	ng		99
88) Benzo(k)fluoranthene	23.95	252	269532	30.45	ng		98
89) Benzo(a)pyrene	24.75	252	264584	31.24	ng		98
90) Dibenzo(a,h)anthracene	28.65	278	276310	30.38	ng		99
91) Benzo(g,h,i)perylene	29.73	276	256863	30.37	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019122.D
Acq On : 10 Oct 2015 18:05
Operator : UM/NP
Sample : PB85991BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Quant Time: Oct 12 06:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration