Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022656.D
Acq On : 27 Jun 2016 23:58
Operator : UM/SJ
Sample : PB91543BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91543BL

Quant Time: Jun 28 01:44:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127756	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	548555	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	405520	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1110948	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1305274	20.00	ng	0.00
86) Perylene-d12	25.21	264	1320523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	933861	117.24	ng	0.00
7) Phenol-d6	7.31	99	1341110	119.45	ng	0.00
23) Nitrobenzene-d5	9.33	82	942458	72.72	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	787249	123.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1874094	73.29	ng	0.00
78) Terphenyl-d14	20.16	244	3039285	61.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	147	0.05	ng	# 1
3) Pyridine	4.02	79	181	0.02	ng	# 64
4) n-Nitrosodimethylamine	3.90	42	567	0.11	ng	# 1
6) Aniline	7.46	93	779	0.05	ng	# 37
8) 2-Chlorophenol	7.72	128	163	0.02	ng	# 27
9) Benzaldehyde	7.27	77	374	0.09	ng	# 8
10) Phenol	7.31	94	135	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	7.50	93	307	0.03	ng	# 21
12) 1,3-Dichlorobenzene	8.07	146	72	0.01	ng	# 1
13) 1,4-Dichlorobenzene	8.18	146	160	0.02	ng	# 1
14) 1,2-Dichlorobenzene	8.45	146	183	0.02	ng	# 50
15) Benzyl Alcohol	8.49	79	19296	1.86	ng	# 62
16) 2,2'-oxybis(1-Chloropropan	8.69	45	56	0.01	ng	# 1
17) 2-Methylphenol	8.59	107	94	0.01	ng	# 5
18) Hexachloroethane	9.26	117	74	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.96	70	61	0.01	ng	# 1
20) 3+4-Methylphenols	8.92	107	60	0.01	ng	# 54
22) Acetophenone	8.97	105	146	0.01	ng	# 49
24) Nitrobenzene	9.38	77	172	0.01	ng	# 1
25) Isophorone	9.89	82	181	0.01	ng	# 69
26) 2-Nitrophenol	10.06	139	85	0.02	ng	# 15
27) 2,4-Dimethylphenol	10.13	122	92	0.01	ng	# 66
28) bis(2-Chloroethoxy)methane	10.35	93	121	0.01	ng	# 50
29) 2,4-Dichlorophenol	10.55	162	104	0.01	ng	# 25
30) 1,2,4-Trichlorobenzene	10.85	180	76	0.01	ng	# 1
31) Naphthalene	11.05	128	169	0.01	ng	# 67
33) 4-Chloroaniline	11.15	127	768	0.06	ng	# 58
34) Hexachlorobutadiene	11.32	225	61	0.01	ng	# 18
35) Caprolactam	11.85	113	124	0.04	ng	# 1
36) 4-Chloro-3-methylphenol	12.24	107	113	0.01	ng	# 26
37) 2-Methylnaphthalene	12.61	142	103	0.00	ng	# 13
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	104	0.01	ng	# 1
40) Hexachlorocyclopentadiene	12.95	237	175	0.01	ng	# 26
42) 2,4,6-Trichlorophenol	13.22	196	60	0.01	ng	# 11

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.32	196	163	0.02	ng	#	12
45) 1,1'-Biphenyl	13.63	154	180	0.01	ng	#	1
46) 2-Chloronaphthalene	13.68	162	130	0.01	ng	#	45
47) 2-Nitroaniline	13.88	65	67	0.01	ng	#	16
48) Acenaphthylene	14.51	152	72	0.00	ng	#	58
49) Dimethylphthalate	14.27	163	98	0.00	ng	#	77
50) 2,6-Dinitrotoluene	14.37	165	124	0.02	ng	#	9
51) Acenaphthene	14.86	154	220	0.01	ng	#	6
52) 3-Nitroaniline	14.70	138	79	0.01	ng	#	1
53) 2,4-Dinitrophenol	14.89	184	60	0.01	ng	#	10
54) Dibenzofuran	15.19	168	129	0.00	ng	#	39
55) 4-Nitrophenol	14.94	139	111	0.02	ng		92
56) 2,4-Dinitrotoluene	15.16	165	57	0.01	ng	#	14
57) Fluorene	15.81	166	53	0.00	ng	#	8
58) 2,3,4,6-Tetrachlorophenol	15.41	232	113	0.01	ng	#	41
59) Diethylphthalate	15.59	149	270	0.01	ng	#	37
60) 4-Chlorophenyl-phenylether	15.80	204	83	0.00	ng	#	26
61) 4-Nitroaniline	15.84	138	257	0.04	ng	#	1
62) Azobenzene	16.12	77	396	0.01	ng	#	47
64) 4,6-Dinitro-2-methylphenol	15.83	198	190	0.03	ng	#	50
65) n-Nitrosodiphenylamine	16.28	169	28815	0.89	ng	#	43
66) 4-Bromophenyl-phenylether	16.72	248	63	0.00	ng	#	4
67) Hexachlorobenzene	16.75	284	69	0.00	ng	#	40
68) Atrazine	16.99	200	76	0.01	ng	#	36
69) Pentachlorophenol	17.20	266	60	0.01	ng	#	18
70) Phenanthrene	17.59	178	377	0.01	ng	#	57
71) Anthracene	17.68	178	156	0.00	ng	#	36
72) Carbazole	17.92	167	67	0.00	ng	#	55
73) Di-n-butylphthalate	18.52	149	247	0.00	ng	#	73
74) Fluoranthene	19.61	202	120	0.00	ng	#	60
76) Benzidine	19.80	184	348	0.03	ng	#	37
77) Pyrene	20.16	202	18420	0.26	ng	#	68
79) Butylbenzylphthalate	20.84	149	599	0.02	ng	#	34
80) Benzo(a)anthracene	21.85	228	4723	0.07	ng	#	81
81) 3,3'-Dichlorobenzidine	21.75	252	653	0.02	ng	#	79
82) Chrysene	21.90	228	663	0.01	ng	#	46
83) Bis(2-ethylhexyl)phthalate	21.75	149	604	0.01	ng	#	33
84) Di-n-octyl phthalate	23.00	149	1326	0.02	ng	#	1
85) Indeno(1,2,3-cd)pyrene	29.05	276	510	0.01	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	933	0.01	ng	#	80
88) Benzo(k)fluoranthene	24.19	252	837	0.01	ng	#	6
89) Benzo(a)pyrene	25.04	252	721	0.01	ng	#	1
90) Dibenzo(a,h)anthracene	29.10	278	411	0.01	ng	#	59
91) Benzo(g,h,i)perylene	30.26	276	185	0.00	ng	#	14

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

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