Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022702.D
Acq On : 29 Jun 2016 20:39
Operator : UM/SJ
Sample : PB91742BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91742BS

Quant Time: Jun 30 04:45:49 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	93330	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	431496	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	369692	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1039767	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1180614	20.00	ng		0.00
86) Perylene-d12	25.18	264	1258175	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	652422	112.12	ng		0.00
7) Phenol-d6	7.31	99	1028094	125.35	ng		0.00
23) Nitrobenzene-d5	9.33	82	663046	65.04	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	686164	118.00	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1556694	66.78	ng		0.00
78) Terphenyl-d14	20.15	244	2770274	62.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	67840	28.77	ng		91
3) Pyridine	3.98	79	102496	15.54	ng	#	86
4) n-Nitrosodimethylamine	3.89	42	53487	14.18	ng		97
6) Aniline	7.48	93	138532	12.74	ng		97
8) 2-Chlorophenol	7.72	128	114590	19.01	ng		94
9) Benzaldehyde	7.29	77	91441	31.68	ng		93
10) Phenol	7.33	94	176332	20.34	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	114096	15.99	ng		87
12) 1,3-Dichlorobenzene	8.05	146	118678	16.18	ng		94
13) 1,4-Dichlorobenzene	8.19	146	121564	16.53	ng		90
14) 1,2-Dichlorobenzene	8.52	146	115730	16.55	ng	#	88
15) Benzyl Alcohol	8.39	79	151413	19.95	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	128214	16.25	ng		97
17) 2-Methylphenol	8.59	107	115445	20.20	ng		95
18) Hexachloroethane	9.25	117	47078	15.47	ng		87
19) n-Nitroso-di-n-propylamine	8.96	70	125168	18.32	ng		98
20) 3+4-Methylphenols	8.92	107	157227	19.98	ng		96
22) Acetophenone	8.98	105	203077	16.28	ng	#	92
24) Nitrobenzene	9.37	77	176770	15.69	ng	#	91
25) Isophorone	9.89	82	328225	16.58	ng	#	96
26) 2-Nitrophenol	10.09	139	64115	15.80	ng		91
27) 2,4-Dimethylphenol	10.14	122	133460	17.21	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	175815	16.27	ng		95
29) 2,4-Dichlorophenol	10.63	162	137061	18.14	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	145193	16.19	ng	#	97
31) Naphthalene	11.04	128	360634	16.63	ng		97
32) Benzoic acid	10.22	122	85116	20.12	ng	#	90
33) 4-Chloroaniline	11.14	127	75802	8.11	ng	#	90
34) Hexachlorobutadiene	11.31	225	109517	15.71	ng		94
35) Caprolactam	11.94	113	54297m	22.81	ng		
36) 4-Chloro-3-methylphenol	12.25	107	185489	20.00	ng		94
37) 2-Methylnaphthalene	12.63	142	291584	17.34	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	205583	14.73	ng		97
40) Hexachlorocyclopentadiene	12.98	237	443610	39.81	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	147567	16.49 ng		96
43) 2,4,5-Trichlorophenol	13.30	196	157013	16.77 ng		96
45) 1,1'-Biphenyl	13.63	154	434577	15.43 ng		94
46) 2-Chloronaphthalene	13.67	162	352955	15.23 ng		95
47) 2-Nitroaniline	13.88	65	139112	15.55 ng		98
48) Acenaphthylene	14.52	152	549176	16.34 ng		98
49) Dimethylphthalate	14.24	163	562407	18.34 ng		98
50) 2,6-Dinitrotoluene	14.37	165	111520	16.73 ng		92
51) Acenaphthene	14.86	154	370205	14.95 ng		98
52) 3-Nitroaniline	14.70	138	65941	10.58 ng		97
53) 2,4-Dinitrophenol	14.90	184	216096	52.65 ng		92
54) Dibenzofuran	15.20	168	628386	17.52 ng		95
55) 4-Nitrophenol	15.00	139	297605	56.44 ng		94
56) 2,4-Dinitrotoluene	15.15	165	174204	18.87 ng		94
57) Fluorene	15.85	166	526244	18.39 ng		94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	181574	18.70 ng	#	99
59) Diethylphthalate	15.60	149	604878	19.19 ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	301033	17.67 ng		99
61) 4-Nitroaniline	15.87	138	113096	17.58 ng	#	82
62) Azobenzene	16.12	77	609558	17.85 ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	108069	15.50 ng		91
65) n-Nitrosodiphenylamine	16.05	169	511112	16.89 ng		97
66) 4-Bromophenyl-phenylether	16.73	248	222380	16.49 ng		92
67) Hexachlorobenzene	16.85	284	234620	16.45 ng		98
68) Atrazine	16.99	200	220325	17.25 ng		98
69) Pentachlorophenol	17.19	266	484375	49.35 ng		96
70) Phenanthrene	17.59	178	951061	17.94 ng		99
71) Anthracene	17.69	178	974287	17.85 ng		96
72) Carbazole	17.95	167	843219	18.23 ng		97
73) Di-n-butylphthalate	18.50	149	940349	17.46 ng		96
74) Fluoranthene	19.60	202	1182387	19.36 ng		96
76) Benzidine	19.77	184	782255	62.23 ng		99
77) Pyrene	19.96	202	1189686	18.92 ng		95
79) Butylbenzylphthalate	20.83	149	445621	16.37 ng		94
80) Benzo(a)anthracene	21.82	228	1230291	18.83 ng		94
81) 3,3'-Dichlorobenzidine	21.73	252	283440	10.50 ng		96
82) Chrysene	21.89	228	1168426	19.03 ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	623310	16.26 ng		96
84) Di-n-octyl phthalate	22.96	149	1065858	16.87 ng		95
85) Indeno(1,2,3-cd)pyrene	29.02	276	1432377	17.76 ng	#	100
87) Benzo(b)fluoranthene	24.12	252	1296294	17.13 ng		97
88) Benzo(k)fluoranthene	24.19	252	1255009m	17.55 ng		
89) Benzo(a)pyrene	25.03	252	1244335	16.87 ng		97
90) Dibenzo(a,h)anthracene	29.09	278	1197347	17.24 ng	#	97
91) Benzo(g,h,i)perylene	30.22	276	1202611	17.02 ng	#	96

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

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