Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
Data File : BG027678.D
Acq On : 26 Jun 2017 17:11
Operator : SJ/JU
Sample : PB100146BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100146BS

Quant Time: Jun 27 01:52:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	18370	20.00	ng		-0.02
21) Naphthalene-d8	11.31	136	82142	20.00	ng		-0.02
38) Acenaphthene-d10	15.08	164	50462	20.00	ng		-0.02
63) Phenanthrene-d10	17.83	188	130730	20.00	ng		-0.02
75) Chrysene-d12	22.19	240	156202	20.00	ng		-0.03
86) Perylene-d12	25.81	264	145740	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	172253	133.45	ng		-0.01
7) Phenol-d6	7.63	99	234728	122.84	ng		-0.01
23) Nitrobenzene-d5	9.65	82	149377	86.05	ng		-0.02
41) 2,4,6-Tribromophenol	16.56	330	118450	157.45	ng		-0.02
44) 2-Fluorobiphenyl	13.70	172	345955	93.65	ng		-0.02
78) Terphenyl-d14	20.40	244	619587	93.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.07	88	16975	33.87	ng		93
3) Pyridine	4.46	79	50675	31.24	ng	#	84
4) n-Nitrosodimethylamine	4.37	42	32552	43.97	ng	#	94
6) Aniline	7.82	93	67715	29.04	ng		97
8) 2-Chlorophenol	8.06	128	57579	42.16	ng		91
9) Benzaldehyde	7.63	77	32203	24.80	ng		92
10) Phenol	7.66	94	76562	39.33	ng		98
11) bis(2-Chloroethyl)ether	7.90	93	51236	33.63	ng		94
12) 1,3-Dichlorobenzene	8.38	146	55976	38.83	ng		98
13) 1,4-Dichlorobenzene	8.53	146	57564	39.55	ng		96
14) 1,2-Dichlorobenzene	8.85	146	54793	38.31	ng		96
15) Benzyl Alcohol	8.71	79	62521	40.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	9.00	45	69971	27.68	ng		85
17) 2-Methylphenol	8.91	107	51406	37.53	ng		97
18) Hexachloroethane	9.58	117	22148	38.80	ng		87
19) n-Nitroso-di-n-propylamine	9.28	70	49150	32.38	ng	#	85
20) 3+4-Methylphenols	9.23	107	71170	37.95	ng		96
22) Acetophenone	9.31	105	89185	39.59	ng	#	90
24) Nitrobenzene	9.70	77	73223	38.48	ng		95
25) Isophorone	10.21	82	132911	37.27	ng		98
26) 2-Nitrophenol	10.41	139	29036	41.26	ng		97
27) 2,4-Dimethylphenol	10.45	122	59376	44.67	ng		97
28) bis(2-Chloroethoxy)methane	10.68	93	73789	36.71	ng		97
29) 2,4-Dichlorophenol	10.94	162	55068	47.97	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	57107	43.51	ng		97
31) Naphthalene	11.36	128	173192	39.01	ng		100
32) Benzoic acid	10.56	122	25671	30.54	ng		93
33) 4-Chloroaniline	11.46	127	36184	19.22	ng		91
34) Hexachlorobutadiene	11.63	225	38423	48.44	ng		96
35) Caprolactam	12.23	113	20219m	37.79	ng		
36) 4-Chloro-3-methylphenol	12.54	107	77244	43.87	ng		97
37) 2-Methylnaphthalene	12.92	142	131976	40.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	72626	45.90	ng		96
40) Hexachlorocyclopentadiene	13.26	237	97765	115.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	49290	48.20	ng		95
43) 2,4,5-Trichlorophenol	13.59	196	53591	44.60	ng		98
45) 1,1'-Biphenyl	13.91	154	177135	42.10	ng		98
46) 2-Chloronaphthalene	13.96	162	132164	42.23	ng		95
47) 2-Nitroaniline	14.16	65	54259	38.62	ng		91
48) Acenaphthylene	14.80	152	213577	38.95	ng		97
49) Dimethylphthalate	14.51	163	187743	42.49	ng		97
50) 2,6-Dinitrotoluene	14.64	165	40450	42.19	ng		94
51) Acenaphthene	15.14	154	139842	36.60	ng		98
52) 3-Nitroaniline	14.98	138	25003	24.71	ng		93
53) 2,4-Dinitrophenol	15.18	184	35951	66.34	ng		92
54) Dibenzofuran	15.47	168	217508	43.71	ng		99
55) 4-Nitrophenol	15.27	139	65659	77.49	ng	#	83
56) 2,4-Dinitrotoluene	15.42	165	57804	42.52	ng	#	98
57) Fluorene	16.12	166	187216	39.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	52158	49.29	ng		92
59) Diethylphthalate	15.87	149	204592	42.44	ng		95
60) 4-Chlorophenyl-phenylether	16.10	204	99046	42.70	ng		97
61) 4-Nitroaniline	16.14	138	45571	41.04	ng		91
62) Azobenzene	16.39	77	200519	40.56	ng		98
64) 4,6-Dinitro-2-methylphenol	16.19	198	32226	38.82	ng		83
65) n-Nitrosodiphenylamine	16.31	169	165361	41.26	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	64821	45.08	ng		89
67) Hexachlorobenzene	17.13	284	69004	44.91	ng		97
68) Atrazine	17.25	200	65290	44.47	ng		96
69) Pentachlorophenol	17.47	266	80577	84.42	ng		95
70) Phenanthrene	17.87	178	304479	40.94	ng		94
71) Anthracene	17.96	178	310056	41.41	ng		97
72) Carbazole	18.23	167	267681	36.69	ng		96
73) Di-n-butylphthalate	18.74	149	338244	41.38	ng	#	95
74) Fluoranthene	19.86	202	369528	42.65	ng		93
76) Benzidine	20.02	184	167871	43.79	ng		98
77) Pyrene	20.22	202	377302	39.74	ng		95
79) Butylbenzylphthalate	21.09	149	157079	39.64	ng		95
80) Benzo(a)anthracene	22.16	228	378776	40.42	ng		93
81) 3,3'-Dichlorobenzidine	22.06	252	83240	24.57	ng		99
82) Chrysene	22.24	228	350615	39.48	ng		94
83) Bis(2-ethylhexyl)phthalate	22.02	149	224764	38.69	ng		98
84) Di-n-octyl phthalate	23.36	149	382727	39.61	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.97	276	439750	43.45	ng	#	95
87) Benzo(b)fluoranthene	24.65	252	387218	41.56	ng		95
88) Benzo(k)fluoranthene	24.73	252	365783	40.12	ng	#	95
89) Benzo(a)pyrene	25.64	252	363428	41.33	ng	#	97
90) Dibenzo(a,h)anthracene	30.05	278	374960	41.86	ng		96
91) Benzo(g,h,i)perylene	31.29	276	359300	41.30	ng	#	95

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

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