Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG023997.D
Acq On : 16 Sep 2016 17:26
Operator : UM/SJ
Sample : PB93407BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93407BSD

Quant Time: Sep 17 00:29:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 00:17:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48029	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	224609	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	208538	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	485411	20.00	ng		0.00
75) Chrysene-d12	21.80	240	494072	20.00	ng		0.00
86) Perylene-d12	25.14	264	503379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	270870	99.01	ng		0.00
7) Phenol-d6	7.23	99	428649	101.79	ng		0.00
23) Nitrobenzene-d5	9.24	82	483782	96.16	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	264276	70.34	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1038533	71.40	ng		0.00
78) Terphenyl-d14	20.10	244	1739286	80.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	40703	36.08	ng		98
3) Pyridine	3.86	79	133104	39.25	ng		98
4) n-Nitrosodimethylamine	3.78	42	80081	44.80	ng	#	89
6) Aniline	7.38	93	200491	35.87	ng		98
8) 2-Chlorophenol	7.62	128	151358	47.76	ng		97
9) Benzaldehyde	7.20	77	15916	5.32	ng		92
10) Phenol	7.25	94	232239	52.42	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	147262	42.25	ng		92
12) 1,3-Dichlorobenzene	7.94	146	153021	41.25	ng		97
13) 1,4-Dichlorobenzene	8.09	146	157759	40.15	ng		95
14) 1,2-Dichlorobenzene	8.41	146	155096	42.05	ng		89
15) Benzyl Alcohol	8.30	79	201245	54.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	203303	43.52	ng		94
17) 2-Methylphenol	8.51	107	150495	50.42	ng		97
18) Hexachloroethane	9.14	117	63332	41.85	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	177433	47.69	ng	#	94
20) 3+4-Methylphenols	8.85	107	221107	53.16	ng		96
22) Acetophenone	8.89	105	241129	41.47	ng	#	99
24) Nitrobenzene	9.28	77	263709	48.74	ng		97
25) Isophorone	9.80	82	468033	47.97	ng		97
26) 2-Nitrophenol	9.99	139	93579	45.50	ng		94
27) 2,4-Dimethylphenol	10.06	122	171969	49.20	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	239413	48.60	ng		99
29) 2,4-Dichlorophenol	10.55	162	191741	51.77	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	178813	44.02	ng		99
31) Naphthalene	10.94	128	503282	43.49	ng		99
32) Benzoic acid	10.22	122	89867	31.66	ng		91
33) 4-Chloroaniline	11.06	127	95569	19.77	ng		97
34) Hexachlorobutadiene	11.21	225	141322	46.32	ng		94
35) Caprolactam	11.86	113	67362m	51.61	ng		
36) 4-Chloro-3-methylphenol	12.20	107	246373	49.79	ng		96
37) 2-Methylnaphthalene	12.55	142	406099	46.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	231040	33.38	ng		99
40) Hexachlorocyclopentadiene	12.88	237	300365	72.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	184343	39.91 ng		97
43) 2,4,5-Trichlorophenol	13.25	196	190442	40.78 ng		92
45) 1,1'-Biphenyl	13.55	154	526632	31.40 ng		99
46) 2-Chloronaphthalene	13.60	162	464484	37.72 ng		97
47) 2-Nitroaniline	13.82	65	215672	44.46 ng		99
48) Acenaphthylene	14.45	152	761699	37.11 ng		99
49) Dimethylphthalate	14.18	163	682347	38.16 ng		97
50) 2,6-Dinitrotoluene	14.31	165	150753	39.94 ng		99
51) Acenaphthene	14.79	154	485256	38.24 ng		98
52) 3-Nitroaniline	14.65	138	82177	23.27 ng	#	88
53) 2,4-Dinitrophenol	14.86	184	198405	72.55 ng	#	89
54) Dibenzofuran	15.13	168	813822	41.09 ng		98
55) 4-Nitrophenol	14.99	139	208701	74.29 ng		83
56) 2,4-Dinitrotoluene	15.11	165	221159	39.86 ng	#	88
57) Fluorene	15.78	166	667308	38.85 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	207645	43.81 ng		95
59) Diethylphthalate	15.54	149	738911	38.71 ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	363028	39.27 ng		99
61) 4-Nitroaniline	15.83	138	129712	36.34 ng		94
62) Azobenzene	16.06	77	837399	45.29 ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	144073	42.75 ng		85
65) n-Nitrosodiphenylamine	15.99	169	614074	44.54 ng		97
66) 4-Bromophenyl-phenylether	16.67	248	266181	45.07 ng		98
67) Hexachlorobenzene	16.80	284	282619	40.80 ng		96
68) Atrazine	16.94	200	261230	44.04 ng		99
69) Pentachlorophenol	17.15	266	301654	82.00 ng		95
70) Phenanthrene	17.54	178	1134922	44.94 ng		99
71) Anthracene	17.63	178	1145036	44.45 ng		99
72) Carbazole	17.91	167	995523	42.59 ng		97
73) Di-n-butylphthalate	18.44	149	1179635	42.30 ng		99
74) Fluoranthene	19.55	202	1311814	43.15 ng		96
76) Benzidine	19.74	184	470933	30.78 ng		99
77) Pyrene	19.92	202	1297345	42.69 ng		95
79) Butylbenzylphthalate	20.79	149	513411	43.83 ng		98
80) Benzo(a)anthracene	21.78	228	1272931	46.02 ng		94
81) 3,3'-Dichlorobenzidine	21.70	252	287372	25.99 ng		100
82) Chrysene	21.85	228	1181296	44.87 ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	722794	45.07 ng		94
84) Di-n-octyl phthalate	22.90	149	1207858	45.92 ng		99
85) Indeno(1,2,3-cd)pyrene	28.99	276	1495273	51.30 ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1355506m	47.40 ng		
88) Benzo(k)fluoranthene	24.15	252	1252833	44.19 ng	#	97
89) Benzo(a)pyrene	24.99	252	1277566	47.05 ng	#	97
90) Dibenzo(a,h)anthracene	29.03	278	1224260	45.84 ng	#	98
91) Benzo(g,h,i)perylene	30.18	276	1237083	48.17 ng	#	98

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

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