Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031594.D
Acq On : 15 Dec 2017 18:58
Operator : SJ/JU
Sample : PB105059BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105059BS

Quant Time: Dec 15 23:01:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61214	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	266526	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	183213	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	473410	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	546391	20.00	ng		0.00
86) Perylene-d12	25.02	264	478336	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	476297	137.92	ng		-0.01
7) Phenol-d6	7.27	99	615156	128.31	ng		0.00
23) Nitrobenzene-d5	9.27	82	356313	82.40	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	291323	135.73	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1023454	82.00	ng		0.00
78) Terphenyl-d14	20.06	244	1874117	78.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	48748	29.584	ng	#	82
3) Pyridine	3.90	79	147120	33.910	ng		88
4) n-Nitrosodimethylamine	3.82	42	62978	30.818	ng	#	91
6) Aniline	7.42	93	67399	10.675	ng		94
8) 2-Chlorophenol	7.67	128	153421	39.827	ng		88
9) Benzaldehyde	7.24	77	82449	29.669	ng		90
10) Phenol	7.30	94	192421	39.070	ng		92
11) bis(2-Chloroethyl)ether	7.51	93	131761	32.779	ng		90
12) 1,3-Dichlorobenzene	7.98	146	160151	34.960	ng		97
13) 1,4-Dichlorobenzene	8.13	146	163311	34.302	ng		93
14) 1,2-Dichlorobenzene	8.45	146	156752	34.563	ng		99
15) Benzyl Alcohol	8.34	79	121886	32.500	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	192792	42.692	ng		93
17) 2-Methylphenol	8.55	107	131973	39.310	ng		98
18) Hexachloroethane	9.18	117	55682	34.696	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	106509	28.225	ng	#	95
20) 3+4-Methylphenols	8.88	107	179198	35.831	ng		95
22) Acetophenone	8.92	105	223083	34.890	ng	#	92
24) Nitrobenzene	9.31	77	159403	35.974	ng		92
25) Isophorone	9.83	82	291689	35.694	ng	#	93
26) 2-Nitrophenol	10.03	139	89006	40.622	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	150161	45.115	ng		92
28) bis(2-Chloroethoxy)methane	10.30	93	190632	36.133	ng		95
29) 2,4-Dichlorophenol	10.57	162	168481	42.964	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	180593	36.053	ng		98
31) Naphthalene	10.96	128	450782	34.427	ng		98
32) Benzoic acid	10.24	122	38288	26.169	ng	#	80
33) 4-Chloroaniline	11.09	127	29321	5.157	ng		93
34) Hexachlorobutadiene	11.24	225	115771	34.843	ng		96
35) Caprolactam	11.85	113	62587	40.645	ng	#	76
36) 4-Chloro-3-methylphenol	12.20	107	169258	37.813	ng	#	85
37) 2-Methylnaphthalene	12.56	142	354428	34.960	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	237175	33.123	ng		97
40) Hexachlorocyclopentadiene	12.90	237	137979	62.930	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	146849	40.141	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	160289	40.674	ng	#	93
45) 1,1'-Biphenyl	13.56	154	502284	33.379	ng		97
46) 2-Chloronaphthalene	13.61	162	388795	35.300	ng		95
47) 2-Nitroaniline	13.81	65	105473	34.079	ng	#	84
48) Acenaphthylene	14.45	152	592725	33.446	ng		99
49) Dimethylphthalate	14.17	163	530336	34.964	ng		100
50) 2,6-Dinitrotoluene	14.30	165	120907	37.293	ng	#	78
51) Acenaphthene	14.79	154	364141	32.496	ng		98
52) 3-Nitroaniline	14.65	138	17067	5.164	ng	#	73
53) 2,4-Dinitrophenol	14.86	184	76408	59.136	ng	#	51
54) Dibenzofuran	15.12	168	616537	34.479	ng		99
55) 4-Nitrophenol	14.96	139	171586	76.975	ng	#	80
56) 2,4-Dinitrotoluene	15.10	165	175053	38.015	ng	#	72
57) Fluorene	15.77	166	496936	34.683	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	159885	43.164	ng	#	88
59) Diethylphthalate	15.53	149	523650	34.442	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	293101	33.436	ng		91
61) 4-Nitroaniline	15.80	138	109900	31.687	ng		84
62) Azobenzene	16.05	77	413105	32.800	ng		91
64) 4,6-Dinitro-2-methylphenol	15.87	198	85291	31.630	ng		75
65) n-Nitrosodiphenylamine	15.97	169	449638	32.449	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	195316	35.480	ng		96
67) Hexachlorobenzene	16.78	284	200280	35.233	ng		95
68) Atrazine	16.91	200	174602	34.461	ng		97
69) Pentachlorophenol	17.12	266	151262	57.101	ng		98
70) Phenanthrene	17.51	178	862935	34.902	ng		98
71) Anthracene	17.60	178	883788	36.143	ng		98
72) Carbazole	17.87	167	805250	36.390	ng		99
73) Di-n-butylphthalate	18.41	149	925179	36.204	ng		99
74) Fluoranthene	19.52	202	1145903	37.034	ng		97
76) Benzidine	19.69	184	210485	16.553	ng		98
77) Pyrene	19.87	202	1191214	35.087	ng		97
79) Butylbenzylphthalate	20.74	149	453800	38.102	ng	#	84
80) Benzo(a)anthracene	21.72	228	1179712	35.771	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	184679	16.090	ng		98
82) Chrysene	21.79	228	1115944	35.297	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	620618	36.219	ng		100
84) Di-n-octyl phthalate	22.81	149	991931	35.094	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	1057903	31.310	ng		98
87) Benzo(b)fluoranthene	23.98	252	1056945	36.959	ng		98
88) Benzo(k)fluoranthene	24.05	252	1045655	35.830	ng		98
89) Benzo(a)pyrene	24.87	252	1011377	37.281	ng		97
90) Dibenzo(a,h)anthracene	28.84	278	891215	34.354	ng		98
91) Benzo(g,h,i)perylene	29.97	276	865638	33.941	ng		96

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

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