Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023123.D
Acq On : 15 Jul 2016 21:32
Operator : UM/SJ
Sample : PB92133BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92133BS

Quant Time: Jul 18 11:44:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	105953	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	500359	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	379040	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	909075	20.00	ng		0.00
75) Chrysene-d12	21.86	240	980653	20.00	ng		0.01
86) Perylene-d12	25.23	264	986134	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	876418	135.29	ng		0.00
7) Phenol-d6	7.31	99	1351763	133.22	ng		0.00
23) Nitrobenzene-d5	9.33	82	979069	83.79	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	720297	105.74	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1952100	81.12	ng		0.00
78) Terphenyl-d14	20.15	244	2823856	95.88	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	264865	30.74	ng		96
4) n-Nitrosodimethylamine	3.89	42	147544	39.91	ng	#	94
6) Aniline	7.47	93	462880	32.92	ng		98
8) 2-Chlorophenol	7.72	128	317425	46.04	ng		97
9) Benzaldehyde	7.28	77	160896	23.73	ng		93
10) Phenol	7.34	94	495548	47.47	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	335036	40.49	ng		93
12) 1,3-Dichlorobenzene	8.04	146	315914	37.43	ng		96
13) 1,4-Dichlorobenzene	8.19	146	332794	39.39	ng		98
14) 1,2-Dichlorobenzene	8.51	146	317506	37.80	ng		98
15) Benzyl Alcohol	8.39	79	433652	46.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	419270	41.48	ng		94
17) 2-Methylphenol	8.60	107	316513	46.57	ng		96
18) Hexachloroethane	9.25	117	138539	38.85	ng		90
19) n-Nitroso-di-n-propylamine	8.96	70	357281	39.06	ng		97
20) 3+4-Methylphenols	8.93	107	438682	46.29	ng		95
22) Acetophenone	8.98	105	577899	38.48	ng	#	93
24) Nitrobenzene	9.37	77	520818	41.94	ng		92
25) Isophorone	9.89	82	922231	39.24	ng		97
26) 2-Nitrophenol	10.09	139	198224	40.69	ng		92
27) 2,4-Dimethylphenol	10.14	122	351123	41.69	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	527183	40.22	ng		98
29) 2,4-Dichlorophenol	10.63	162	388941	43.30	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	399008	38.76	ng		96
31) Naphthalene	11.03	128	1013725	39.80	ng		99
32) Benzoic acid	10.28	122	240139	31.34	ng		91
33) 4-Chloroaniline	11.14	127	291580	23.41	ng		95
34) Hexachlorobutadiene	11.31	225	299757	35.92	ng		95
35) Caprolactam	11.92	113	145892m	39.48	ng		
36) 4-Chloro-3-methylphenol	12.26	107	500516	40.74	ng		97
37) 2-Methylnaphthalene	12.63	142	803539	39.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	531000	32.51	ng		99
40) Hexachlorocyclopentadiene	12.97	237	650590	69.19	ng		97
42) 2,4,6-Trichlorophenol	13.23	196	380472	40.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	399310	41.42	ng		96
45) 1,1'-Biphenyl	13.63	154	1142944	40.19	ng		99
46) 2-Chloronaphthalene	13.68	162	948397	41.11	ng		97
47) 2-Nitroaniline	13.89	65	408416	41.49	ng		94
48) Acenaphthylene	14.53	152	1412860	40.82	ng		100
49) Dimethylphthalate	14.25	163	1266842	40.92	ng		98
50) 2,6-Dinitrotoluene	14.37	165	300203	43.14	ng	#	83
51) Acenaphthene	14.87	154	925917	40.94	ng		99
52) 3-Nitroaniline	14.71	138	226373	32.63	ng		85
53) 2,4-Dinitrophenol	14.91	184	335551	70.28	ng		94
54) Dibenzofuran	15.20	168	1489762	44.01	ng		100
55) 4-Nitrophenol	15.02	139	457849	78.72	ng		92
56) 2,4-Dinitrotoluene	15.16	165	428190	42.21	ng		94
57) Fluorene	15.85	166	1214422	41.68	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	418685m	43.41	ng		
59) Diethylphthalate	15.60	149	1326524	42.11	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	697554	39.31	ng		98
61) 4-Nitroaniline	15.87	138	292523	38.96	ng	#	87
62) Azobenzene	16.13	77	1455854	48.31	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	251844	37.27	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1134611	43.32	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	467215	39.50	ng		97
67) Hexachlorobenzene	16.85	284	496397	38.60	ng		98
68) Atrazine	17.00	200	481850	41.48	ng		95
69) Pentachlorophenol	17.20	266	618683	74.29	ng		97
70) Phenanthrene	17.59	178	1955591	43.90	ng		97
71) Anthracene	17.69	178	1952262	43.28	ng		97
72) Carbazole	17.96	167	1745529	44.78	ng		98
73) Di-n-butylphthalate	18.50	149	2088727	48.18	ng		99
74) Fluoranthene	19.60	202	2276402	41.64	ng		97
76) Benzidine	19.78	184	1233390	43.87	ng		98
77) Pyrene	19.96	202	2286162	41.49	ng		98
79) Butylbenzylphthalate	20.84	149	1042547	47.76	ng		97
80) Benzo(a)anthracene	21.84	228	2377048	43.32	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	756470	31.41	ng	#	97
82) Chrysene	21.91	228	2231713	43.36	ng		95
83) Bis(2-ethylhexyl)phthalate	21.71	149	1428405	47.13	ng		98
84) Di-n-octyl phthalate	22.98	149	2352576	46.54	ng		100
85) Indeno(1,2,3-cd)pyrene	29.09	276	2625855	40.02	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2545484	44.74	ng	#	98
88) Benzo(k)fluoranthene	24.23	252	2376877	44.02	ng	#	98
89) Benzo(a)pyrene	25.07	252	2423211	44.43	ng	#	97
90) Dibenzo(a,h)anthracene	29.16	278	2159472	39.89	ng	#	95
91) Benzo(g,h,i)perylene	30.31	276	2058184	37.97	ng	#	98

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

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