Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023083.D
Acq On : 14 Jul 2016 1:12
Operator : UM/SJ
Sample : PB92058BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92058BS

Quant Time: Jul 14 04:41:42 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	8.16	152	92047	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	426712	20.00	ng		0.01
38) Acenaphthene-d10	14.81	164	334179	20.00	ng		0.01
63) Phenanthrene-d10	17.56	188	833332	20.00	ng		0.00
75) Chrysene-d12	21.87	240	879195	20.00	ng		0.02
86) Perylene-d12	25.24	264	862766	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	875154	155.50	ng		0.00
7) Phenol-d6	7.32	99	1347501	152.87	ng		0.01
23) Nitrobenzene-d5	9.33	82	963435	96.68	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	750003	124.88	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1953952	92.10	ng		0.00
78) Terphenyl-d14	20.16	244	2848661	121.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	106200	48.55	ng		93
3) Pyridine	3.97	79	275909	36.86	ng		91
4) n-Nitrosodimethylamine	3.88	42	145816	45.40	ng	#	95
6) Aniline	7.48	93	286799	23.48	ng		99
8) 2-Chlorophenol	7.72	128	313580	52.36	ng		98
9) Benzaldehyde	7.28	77	152184	25.84	ng		93
10) Phenol	7.34	94	489130	53.93	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	325188	45.24	ng		95
12) 1,3-Dichlorobenzene	8.04	146	314970	42.96	ng		97
13) 1,4-Dichlorobenzene	8.19	146	322389	43.93	ng		96
14) 1,2-Dichlorobenzene	8.52	146	314757	43.14	ng		92
15) Benzyl Alcohol	8.40	79	417969	51.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	409825	46.67	ng		96
17) 2-Methylphenol	8.60	107	308464	52.25	ng		94
18) Hexachloroethane	9.25	117	131755	42.53	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	346811	43.64	ng		96
20) 3+4-Methylphenols	8.93	107	432602	52.54	ng		97
22) Acetophenone	8.99	105	549611	42.92	ng	#	93
24) Nitrobenzene	9.37	77	501956	47.40	ng		96
25) Isophorone	9.89	82	890377	44.42	ng		97
26) 2-Nitrophenol	10.09	139	194514	46.81	ng		92
27) 2,4-Dimethylphenol	10.14	122	353981	49.28	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	509787	45.61	ng		99
29) 2,4-Dichlorophenol	10.63	162	378511	49.41	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	381561	43.47	ng		96
31) Naphthalene	11.04	128	960834	44.23	ng		99
32) Benzoic acid	10.28	122	253629	38.81	ng		97
33) 4-Chloroaniline	11.14	127	128949	12.14	ng		89
34) Hexachlorobutadiene	11.31	225	286976	40.33	ng		96
35) Caprolactam	11.92	113	136851m	43.42	ng		
36) 4-Chloro-3-methylphenol	12.26	107	491737	46.93	ng		99
37) 2-Methylnaphthalene	12.63	142	786187	45.79	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	514479	35.72	ng		100
40) Hexachlorocyclopentadiene	12.98	237	692099	83.48	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	374395	45.23	ng		95
43) 2,4,5-Trichlorophenol	13.32	196	401152	47.19	ng		93
45) 1,1'-Biphenyl	13.64	154	1114076	44.43	ng		96
46) 2-Chloronaphthalene	13.69	162	924398	45.45	ng		95
47) 2-Nitroaniline	13.89	65	399865	46.07	ng		93
48) Acenaphthylene	14.53	152	1387631	45.48	ng		100
49) Dimethylphthalate	14.26	163	1244869	45.60	ng		97
50) 2,6-Dinitrotoluene	14.38	165	290270	47.31	ng		85
51) Acenaphthene	14.87	154	905651	45.42	ng		99
52) 3-Nitroaniline	14.71	138	129427	21.16	ng	#	89
53) 2,4-Dinitrophenol	14.92	184	371729	88.31	ng		94
54) Dibenzofuran	15.20	168	1440235	48.26	ng		98
55) 4-Nitrophenol	15.03	139	448968	87.56	ng		95
56) 2,4-Dinitrotoluene	15.17	165	425737	47.60	ng		96
57) Fluorene	15.85	166	1195352	46.54	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	423508m	49.80	ng		
59) Diethylphthalate	15.61	149	1323016	47.63	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	686846	43.90	ng		98
61) 4-Nitroaniline	15.88	138	286177	43.23	ng	#	80
62) Azobenzene	16.14	77	1426010	53.68	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	273467	44.15	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1122388	46.75	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	467775	43.14	ng		94
67) Hexachlorobenzene	16.86	284	498220	42.26	ng		96
68) Atrazine	17.01	200	480535	45.12	ng		99
69) Pentachlorophenol	17.21	266	644327	84.40	ng		99
70) Phenanthrene	17.61	178	1940742	47.52	ng		98
71) Anthracene	17.69	178	1960358	47.40	ng		98
72) Carbazole	17.96	167	1727059	48.33	ng		98
73) Di-n-butylphthalate	18.50	149	2048958	51.56	ng		99
74) Fluoranthene	19.61	202	2244145	44.78	ng		98
76) Benzidine	19.79	184	963407	38.22	ng		99
77) Pyrene	19.97	202	2239055	45.32	ng		98
79) Butylbenzylphthalate	20.84	149	1002255	51.22	ng		96
80) Benzo(a)anthracene	21.85	228	2314635	47.06	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	593152	27.47	ng	#	99
82) Chrysene	21.92	228	2143667	46.46	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1342179	49.39	ng		98
84) Di-n-octyl phthalate	22.99	149	2237411	49.37	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2603299	44.25	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2396844	48.15	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2311237	48.93	ng	#	97
89) Benzo(a)pyrene	25.09	252	2357293	49.40	ng	#	99
90) Dibenzo(a,h)anthracene	29.19	278	2156194	45.53	ng	#	95
91) Benzo(g,h,i)perylene	30.33	276	2105230	44.39	ng	#	95

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

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