Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023088.D
Acq On : 14 Jul 2016 4:33
Operator : UM/SJ
Sample : PB92093BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92093BSD

Quant Time: Jul 14 06:49:16 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	113846	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	543452	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	437602	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1020506	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1051333	20.00	ng		0.02
86) Perylene-d12	25.24	264	1065043	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	537547	77.22	ng		0.00
7) Phenol-d6	7.31	99	888616	81.51	ng		0.00
23) Nitrobenzene-d5	9.33	82	921600	72.61	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	485473	61.73	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	1927982	69.40	ng		0.00
78) Terphenyl-d14	20.16	244	2740522	81.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	119722	44.25	ng		96
3) Pyridine	3.97	79	236454	25.54	ng		95
4) n-Nitrosodimethylamine	3.88	42	131174	33.02	ng	#	91
6) Aniline	7.47	93	468890	31.03	ng		96
8) 2-Chlorophenol	7.72	128	293656	39.64	ng		99
9) Benzaldehyde	7.29	77	109961	15.09	ng		93
10) Phenol	7.34	94	473412	42.20	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	302462	34.02	ng		95
12) 1,3-Dichlorobenzene	8.04	146	275166	30.35	ng		97
13) 1,4-Dichlorobenzene	8.19	146	286912	31.61	ng		98
14) 1,2-Dichlorobenzene	8.51	146	279728	31.00	ng		97
15) Benzyl Alcohol	8.40	79	422299	42.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	385333	35.48	ng		94
17) 2-Methylphenol	8.60	107	314988	43.14	ng		93
18) Hexachloroethane	9.25	117	119304	31.13	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	345927	35.20	ng	#	98
20) 3+4-Methylphenols	8.93	107	447756	43.97	ng		97
22) Acetophenone	8.98	105	547037	33.54	ng	#	94
24) Nitrobenzene	9.37	77	493490	36.59	ng		94
25) Isophorone	9.89	82	924897	36.23	ng		98
26) 2-Nitrophenol	10.09	139	195050	36.86	ng		90
27) 2,4-Dimethylphenol	10.14	122	351657	38.44	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	519032	36.46	ng		99
29) 2,4-Dichlorophenol	10.63	162	393915	40.38	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	368094	32.93	ng		97
31) Naphthalene	11.03	128	965792	34.91	ng		98
32) Benzoic acid	10.29	122	251802	30.26	ng		93
33) 4-Chloroaniline	11.15	127	348868	25.79	ng		95
34) Hexachlorobutadiene	11.31	225	279216	30.81	ng		97
35) Caprolactam	11.92	113	146341m	36.46	ng		
36) 4-Chloro-3-methylphenol	12.27	107	515398	38.62	ng		95
37) 2-Methylnaphthalene	12.64	142	814312	37.24	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	524163	27.80	ng		100
40) Hexachlorocyclopentadiene	12.97	237	678177	62.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	395186	36.46	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	422168	37.93	ng		94
45) 1,1'-Biphenyl	13.64	154	1149571	35.01	ng		97
46) 2-Chloronaphthalene	13.68	162	952084	35.75	ng		96
47) 2-Nitroaniline	13.89	65	420378	36.99	ng		97
48) Acenaphthylene	14.53	152	1426173	35.69	ng		98
49) Dimethylphthalate	14.25	163	1284703	35.94	ng		98
50) 2,6-Dinitrotoluene	14.38	165	300606	37.42	ng		85
51) Acenaphthene	14.87	154	937011	35.89	ng		98
52) 3-Nitroaniline	14.71	138	234128	29.23	ng		91
53) 2,4-Dinitrophenol	14.92	184	363963	66.03	ng		95
54) Dibenzofuran	15.21	168	1505586	38.53	ng		99
55) 4-Nitrophenol	15.03	139	442170	65.85	ng		93
56) 2,4-Dinitrotoluene	15.16	165	429976	36.71	ng		98
57) Fluorene	15.85	166	1232476	36.64	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	431353	38.73	ng		99
59) Diethylphthalate	15.61	149	1331375	36.61	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	721775	35.23	ng		96
61) 4-Nitroaniline	15.88	138	285802	32.97	ng	#	83
62) Azobenzene	16.13	77	1469281	42.23	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	273352	36.04	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1144550	38.93	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	482741	36.36	ng		98
67) Hexachlorobenzene	16.86	284	510714	35.38	ng		98
68) Atrazine	17.00	200	443337	33.99	ng		98
69) Pentachlorophenol	17.21	266	633933	67.81	ng		98
70) Phenanthrene	17.60	178	1923606	38.46	ng		98
71) Anthracene	17.69	178	1964830	38.80	ng		99
72) Carbazole	17.97	167	1692872	38.69	ng		98
73) Di-n-butylphthalate	18.50	149	2029943	41.71	ng		99
74) Fluoranthene	19.61	202	2202453	35.89	ng		97
76) Benzidine	19.78	184	1159327	38.46	ng		99
77) Pyrene	19.97	202	2209505	37.40	ng		98
79) Butylbenzylphthalate	20.84	149	1003076	42.87	ng		99
80) Benzo(a)anthracene	21.84	228	2331792	39.64	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	780276	30.22	ng		98
82) Chrysene	21.92	228	2142210	38.82	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1352135	41.61	ng		98
84) Di-n-octyl phthalate	22.98	149	2252712	41.57	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2578686	36.65	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2460962	40.05	ng	#	98
88) Benzo(k)fluoranthene	24.24	252	2302471	39.49	ng	#	98
89) Benzo(a)pyrene	25.08	252	2362029	40.10	ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	2120283	36.27	ng	#	94
91) Benzo(g,h,i)perylene	30.32	276	2028418	34.65	ng	#	96

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

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