Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
Data File : BG023446.D
Acq On : 4 Aug 2016 9:57
Operator : UM/SJ
Sample : PB92660BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92660BS

Manual Integrations APPROVED
sohil
8/4/2016 6:08:45 PM

Quant Time: Aug 04 16:16:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99152	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	481619	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	366373	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	937221	20.00	ng		0.00
75) Chrysene-d12	21.86	240	970385	20.00	ng		0.00
86) Perylene-d12	25.24	264	958957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	855977	145.32	ng		0.00
7) Phenol-d6	7.28	99	1310107	142.80	ng		0.00
23) Nitrobenzene-d5	9.29	82	858513	88.62	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	720334	134.42	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	1864369	85.83	ng		0.00
78) Terphenyl-d14	20.16	244	2867004	94.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	71403	28.45	ng		91
3) Pyridine	3.92	79	269195	32.64	ng		94
4) n-Nitrosodimethylamine	3.84	42	126948	41.52	ng	#	79
6) Aniline	7.44	93	497743	37.55	ng		95
8) 2-Chlorophenol	7.68	128	322637	47.68	ng		99
9) Benzaldehyde	7.25	77	173646	31.37	ng		91
10) Phenol	7.30	94	485615	49.48	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	330078	42.16	ng		95
12) 1,3-Dichlorobenzene	8.01	146	311421	40.19	ng		91
13) 1,4-Dichlorobenzene	8.15	146	331054	41.74	ng		93
14) 1,2-Dichlorobenzene	8.48	146	321102	41.27	ng		94
15) Benzyl Alcohol	8.36	79	403188	58.00	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	443460	38.51	ng		93
17) 2-Methylphenol	8.56	107	326915	49.68	ng		93
18) Hexachloroethane	9.21	117	124158	41.59	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	342622	43.42	ng		94
20) 3+4-Methylphenols	8.89	107	458523	49.43	ng		89
22) Acetophenone	8.95	105	489932	37.15	ng	#	92
24) Nitrobenzene	9.34	77	484373	45.15	ng		91
25) Isophorone	9.86	82	912260	45.21	ng		95
26) 2-Nitrophenol	10.06	139	203458	44.94	ng	#	78
27) 2,4-Dimethylphenol	10.11	122	370819	48.10	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	525556	43.33	ng		99
29) 2,4-Dichlorophenol	10.60	162	396872	51.20	ng		97
30) 1,2,4-Trichlorobenzene	10.81	180	357580	42.77	ng		98
31) Naphthalene	11.00	128	1056493	43.08	ng		99
32) Benzoic acid	10.26	122	227193	34.16	ng		94
33) 4-Chloroaniline	11.11	127	204544	17.45	ng		91
34) Hexachlorobutadiene	11.28	225	239852	43.62	ng		93
35) Caprolactam	11.90	113	157773m	48.38	ng		
36) 4-Chloro-3-methylphenol	12.24	107	514123	50.48	ng		96
37) 2-Methylnaphthalene	12.61	142	833893	44.72	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	417384	31.42	ng		97
40) Hexachlorocyclopentadiene	12.95	237	568146	84.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	355582	44.93	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	389762	47.84	ng		95
45) 1,1'-Biphenyl	13.61	154	1056132	37.71	ng		95
46) 2-Chloronaphthalene	13.66	162	918747	42.40	ng		96
47) 2-Nitroaniline	13.86	65	420737	46.77	ng		90
48) Acenaphthylene	14.50	152	1492030	43.56	ng		97
49) Dimethylphthalate	14.23	163	1322595	47.05	ng		98
50) 2,6-Dinitrotoluene	14.36	165	309646	46.51	ng	#	82
51) Acenaphthene	14.84	154	957457	44.13	ng		97
52) 3-Nitroaniline	14.69	138	223270	29.74	ng	#	84
53) 2,4-Dinitrophenol	14.90	184	412959	96.78	ng		88
54) Dibenzofuran	15.19	168	1528171	48.51	ng		97
55) 4-Nitrophenol	15.01	139	516448	87.60	ng	#	85
56) 2,4-Dinitrotoluene	15.15	165	465582	49.83	ng		90
57) Fluorene	15.84	166	1280718	46.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	397159	53.12	ng		95
59) Diethylphthalate	15.59	149	1372491	48.10	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	674170	46.34	ng		99
61) 4-Nitroaniline	15.87	138	350683	43.88	ng	#	67
62) Azobenzene	16.11	77	1501129	51.90	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	294248	46.18	ng		94
65) n-Nitrosodiphenylamine	16.04	169	1198105	43.58	ng		93
66) 4-Bromophenyl-phenylether	16.72	248	481647	44.09	ng		98
67) Hexachlorobenzene	16.85	284	523313	43.79	ng		98
68) Atrazine	16.99	200	502978	47.65	ng		96
69) Pentachlorophenol	17.19	266	644882	92.56	ng		99
70) Phenanthrene	17.59	178	2112753	44.43	ng		96
71) Anthracene	17.68	178	2159443	45.15	ng		97
72) Carbazole	17.95	167	2012205	47.91	ng		99
73) Di-n-butylphthalate	18.49	149	2235452	54.02	ng		98
74) Fluoranthene	19.60	202	2420898	56.29	ng		94
76) Benzidine	19.78	184	1381907	51.23	ng		99
77) Pyrene	19.96	202	2445206	44.37	ng		96
79) Butylbenzylphthalate	20.84	149	1086403	46.49	ng		97
80) Benzo(a)anthracene	21.84	228	2395992	44.73	ng		96
81) 3,3'-Dichlorobenzidine	21.75	252	558671	25.43	ng	#	97
82) Chrysene	21.91	228	2237645	43.91	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1463331	45.73	ng		100
84) Di-n-octyl phthalate	22.98	149	2417191	44.26	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2852675	44.80	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2498459	46.31	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	2351415	45.37	ng	#	96
89) Benzo(a)pyrene	25.08	252	2385193	46.48	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	2427926	46.32	ng	#	92
91) Benzo(g,h,i)perylene	30.32	276	2370544	44.91	ng	#	92

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

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