Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023072.D
Acq On : 13 Jul 2016 16:30
Operator : UM/SJ
Sample : PB92013BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92013BS

Quant Time: Jul 14 04:13:41 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	96260	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	462771	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	366591	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	925399	20.00	ng		0.00
75) Chrysene-d12	21.87	240	956479	20.00	ng		0.02
86) Perylene-d12	25.26	264	966516	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	877410	149.08	ng		0.00
7) Phenol-d6	7.31	99	1395947	151.43	ng		0.00
23) Nitrobenzene-d5	9.32	82	978802	90.57	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	786177	119.33	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2039224	87.62	ng		0.00
78) Terphenyl-d14	20.16	244	2920920	106.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	75353	32.94	ng		92
3) Pyridine	3.97	79	135221	17.27	ng		95
4) n-Nitrosodimethylamine	3.88	42	74433	22.16	ng	#	92
6) Aniline	7.47	93	163564	12.80	ng		96
8) 2-Chlorophenol	7.71	128	156527	24.99	ng		97
9) Benzaldehyde	7.28	77	104780	17.01	ng		95
10) Phenol	7.34	94	255567	26.95	ng		88
11) bis(2-Chloroethyl)ether	7.56	93	163238	21.71	ng		93
12) 1,3-Dichlorobenzene	8.04	146	164365m	21.44	ng		
13) 1,4-Dichlorobenzene	8.18	146	166301	21.67	ng		98
14) 1,2-Dichlorobenzene	8.51	146	161665	21.19	ng		98
15) Benzyl Alcohol	8.39	79	215437	25.52	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	203239	22.13	ng		99
17) 2-Methylphenol	8.60	107	163386	26.46	ng		98
18) Hexachloroethane	9.24	117	68911	21.27	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	178452	21.47	ng		94
20) 3+4-Methylphenols	8.92	107	233989	27.17	ng		96
22) Acetophenone	8.98	105	290459	20.91	ng	#	93
24) Nitrobenzene	9.37	77	258734	22.53	ng		94
25) Isophorone	9.89	82	474071	21.81	ng		98
26) 2-Nitrophenol	10.08	139	104231	23.13	ng		89
27) 2,4-Dimethylphenol	10.13	122	187946	24.13	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	265896	21.93	ng		97
29) 2,4-Dichlorophenol	10.62	162	205955	24.79	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	199707	20.98	ng		96
31) Naphthalene	11.03	128	516527	21.93	ng		99
32) Benzoic acid	10.25	122	121818	17.19	ng		87
33) 4-Chloroaniline	11.14	127	107764	9.35	ng		93
34) Hexachlorobutadiene	11.31	225	153353	19.87	ng		94
35) Caprolactam	11.90	113	79327	23.21	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	266693	23.47	ng		99
37) 2-Methylnaphthalene	12.63	142	417653	22.43	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	283421	17.94	ng		98
40) Hexachlorocyclopentadiene	12.97	237	547076	60.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	197682	21.77	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	222262	23.84	ng		93
45) 1,1'-Biphenyl	13.63	154	607978	22.10	ng		99
46) 2-Chloronaphthalene	13.68	162	495905	22.23	ng		95
47) 2-Nitroaniline	13.88	65	213379	22.41	ng		99
48) Acenaphthylene	14.52	152	764775	22.85	ng		99
49) Dimethylphthalate	14.24	163	701159	23.41	ng		98
50) 2,6-Dinitrotoluene	14.37	165	155634	23.13	ng	#	87
51) Acenaphthene	14.86	154	508091	23.23	ng		97
52) 3-Nitroaniline	14.71	138	91798	13.68	ng		99
53) 2,4-Dinitrophenol	14.91	184	264483	57.27	ng		93
54) Dibenzofuran	15.20	168	830589	25.37	ng		94
55) 4-Nitrophenol	15.02	139	357140	63.49	ng		94
56) 2,4-Dinitrotoluene	15.16	165	236577	24.11	ng		98
57) Fluorene	15.85	166	677606	24.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	234423m	25.13	ng		
59) Diethylphthalate	15.60	149	746342	24.50	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	382536	22.29	ng		97
61) 4-Nitroaniline	15.87	138	150296	20.70	ng	#	84
62) Azobenzene	16.13	77	803727	27.58	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	137157	19.94	ng		94
65) n-Nitrosodiphenylamine	16.06	169	629430	23.61	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	255721	21.24	ng		99
67) Hexachlorobenzene	16.86	284	266880	20.39	ng		99
68) Atrazine	17.00	200	261327	22.10	ng		97
69) Pentachlorophenol	17.21	266	504007	59.45	ng		99
70) Phenanthrene	17.61	178	1121276	24.72	ng		95
71) Anthracene	17.70	178	1134536	24.71	ng		97
72) Carbazole	17.97	167	980963	24.72	ng		99
73) Di-n-butylphthalate	18.51	149	1191891	27.01	ng	#	96
74) Fluoranthene	19.61	202	1295856	23.28	ng		95
76) Benzidine	19.79	184	801152	29.22	ng		98
77) Pyrene	19.98	202	1317800	24.52	ng		94
79) Butylbenzylphthalate	20.85	149	544815	25.59	ng		94
80) Benzo(a)anthracene	21.85	228	1321234	24.69	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	354066	15.07	ng		99
82) Chrysene	21.92	228	1216784	24.24	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	760003	25.71	ng	#	95
84) Di-n-octyl phthalate	23.00	149	1294996	26.27	ng		98
85) Indeno(1,2,3-cd)pyrene	29.13	276	1381899	21.59	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	1342544m	24.08	ng		
88) Benzo(k)fluoranthene	24.24	252	1270094	24.00	ng	#	97
89) Benzo(a)pyrene	25.09	252	1291759	24.17	ng	#	97
90) Dibenzo(a,h)anthracene	29.20	278	1198937	22.60	ng	#	95
91) Benzo(g,h,i)perylene	30.35	276	1149989	21.64	ng	#	95

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

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