Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022623.D
Acq On : 27 Jun 2016 00:04
Operator : UM/SJ
Sample : PB91574BSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91574BSD

Quant Time: Jun 27 03:28:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	140972	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	581358	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	433628	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1146963	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1313753	20.00	ng		0.00
86) Perylene-d12	25.22	264	1346835	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1078548	122.71	ng		0.00
7) Phenol-d6	7.31	99	1553812	125.42	ng		0.00
23) Nitrobenzene-d5	9.33	82	1068157	77.76	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	892392	130.84	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2074073	75.85	ng		0.00
78) Terphenyl-d14	20.16	244	3276915	66.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	108369	30.42	ng		96
3) Pyridine	3.99	79	226455	22.73	ng	#	88
4) n-Nitrosodimethylamine	3.90	42	119162	20.91	ng		93
6) Aniline	7.48	93	270679	16.48	ng		96
8) 2-Chlorophenol	7.73	128	244288	26.83	ng		95
10) Phenol	7.34	94	357478	27.30	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	253878	23.55	ng		98
12) 1,3-Dichlorobenzene	8.05	146	253481	22.88	ng		92
13) 1,4-Dichlorobenzene	8.20	146	262112	23.60	ng		95
14) 1,2-Dichlorobenzene	8.52	146	246824	23.37	ng		95
15) Benzyl Alcohol	8.40	79	304915	26.60	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	276553	23.20	ng		92
17) 2-Methylphenol	8.60	107	227979	26.41	ng		92
18) Hexachloroethane	9.26	117	106448	23.15	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	244354	23.68	ng		97
20) 3+4-Methylphenols	8.93	107	311473	26.20	ng		94
22) Acetophenone	8.99	105	401361	23.88	ng	#	95
24) Nitrobenzene	9.38	77	367120	24.18	ng		97
25) Isophorone	9.90	82	636330	23.86	ng		98
26) 2-Nitrophenol	10.09	139	140558	25.70	ng		91
27) 2,4-Dimethylphenol	10.14	122	257053	24.60	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	364177	25.01	ng		95
29) 2,4-Dichlorophenol	10.63	162	280212	27.53	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	290873	24.07	ng		99
31) Naphthalene	11.04	128	717786	24.56	ng		98
32) Benzoic acid	10.25	122	196777	30.86	ng		97
33) 4-Chloroaniline	11.14	127	93361	7.42	ng	#	89
34) Hexachlorobutadiene	11.32	225	227680	24.24	ng		99
35) Caprolactam	11.91	113	98711m	30.78	ng		
36) 4-Chloro-3-methylphenol	12.25	107	345312	27.63	ng		94
37) 2-Methylnaphthalene	12.63	142	547250	24.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	372258	22.74	ng		99
40) Hexachlorocyclopentadiene	12.98	237	684469	52.37	ng		97
42) 2,4,6-Trichlorophenol	13.23	196	267915	25.52	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	293502	26.72	ng		92
45) 1,1'-Biphenyl	13.63	154	788687	23.88	ng		99
46) 2-Chloronaphthalene	13.68	162	641457	23.60	ng		98
47) 2-Nitroaniline	13.87	65	275362	26.25	ng		97
48) Acenaphthylene	14.52	152	973932	24.70	ng		98
49) Dimethylphthalate	14.24	163	898447	24.98	ng		96
50) 2,6-Dinitrotoluene	14.37	165	207468	26.54	ng		86
51) Acenaphthene	14.86	154	640065	22.04	ng		99
52) 3-Nitroaniline	14.70	138	122020	16.68	ng		86
53) 2,4-Dinitrophenol	14.90	184	363008	75.40	ng		92
54) Dibenzofuran	15.20	168	1051680	25.00	ng		96
55) 4-Nitrophenol	15.00	139	460601	74.47	ng		97
56) 2,4-Dinitrotoluene	15.15	165	308587	28.50	ng		99
57) Fluorene	15.85	166	860015	25.62	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	310441	27.26	ng		98
59) Diethylphthalate	15.61	149	944045	25.53	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	499284	24.98	ng		94
61) 4-Nitroaniline	15.87	138	206948	27.42	ng		87
62) Azobenzene	16.13	77	991071	24.75	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	210779	27.40	ng		93
65) n-Nitrosodiphenylamine	16.05	169	829139	24.84	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	345905	23.25	ng		96
67) Hexachlorobenzene	16.85	284	381116	24.22	ng		95
68) Atrazine	17.00	200	374195	26.55	ng		97
69) Pentachlorophenol	17.20	266	710882	65.66	ng		97
70) Phenanthrene	17.60	178	1501972	25.68	ng		98
71) Anthracene	17.69	178	1519085	25.23	ng		99
72) Carbazole	17.96	167	1364831	26.75	ng		98
73) Di-n-butylphthalate	18.51	149	1619874	27.26	ng		99
74) Fluoranthene	19.60	202	1870021	27.75	ng		99
76) Benzidine	19.79	184	1129299	80.74	ng		98
77) Pyrene	19.97	202	1895650	27.09	ng		98
79) Butylbenzylphthalate	20.84	149	795176	26.25	ng		94
80) Benzo(a)anthracene	21.84	228	1951033	26.84	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	431270	14.36	ng		97
82) Chrysene	21.90	228	1833246	26.84	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1067743	25.04	ng		97
84) Di-n-octyl phthalate	22.99	149	1769735	25.17	ng		97
85) Indeno(1,2,3-cd)pyrene	29.06	276	2251790	25.08	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2076645	25.64	ng		97
88) Benzo(k)fluoranthene	24.22	252	1924604	25.14	ng	#	98
89) Benzo(a)pyrene	25.06	252	1979866	25.08	ng		98
90) Dibenzo(a,h)anthracene	29.14	278	1872624	25.20	ng	#	95
91) Benzo(g,h,i)perylene	30.27	276	1873063	24.76	ng		100

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

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