Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023092.D
Acq On : 14 Jul 2016 8:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 14 09:21:16 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	8.17	152	111650	20.00	ng		0.02
21) Naphthalene-d8	11.00	136	513079	20.00	ng		0.02
38) Acenaphthene-d10	14.81	164	399547	20.00	ng		0.02
63) Phenanthrene-d10	17.57	188	926941	20.00	ng		0.01
75) Chrysene-d12	21.87	240	969731	20.00	ng		0.02
86) Perylene-d12	25.24	264	1914613	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	506576	74.21	ng		0.02
7) Phenol-d6	7.32	99	826366	77.29	ng		0.02
23) Nitrobenzene-d5	9.34	82	950268	79.31	ng		0.02
41) 2,4,6-Tribromophenol	16.31	330	430591	59.96	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1873941	73.88	ng		0.02
78) Terphenyl-d14	20.17	244	2474928	78.69	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	103822	39.13	ng	#	95
3) Pyridine	3.98	79	348890	38.42	ng		95
4) n-Nitrosodimethylamine	3.89	42	152771	39.22	ng	#	91
6) Aniline	7.49	93	571980	38.60	ng		99
8) 2-Chlorophenol	7.73	128	277151	38.15	ng		99
9) Benzaldehyde	7.30	77	260189	36.42	ng		94
10) Phenol	7.35	94	433456	39.40	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	318631	36.54	ng		91
12) 1,3-Dichlorobenzene	8.06	146	315884	35.52	ng		99
13) 1,4-Dichlorobenzene	8.20	146	325274	36.54	ng		97
14) 1,2-Dichlorobenzene	8.53	146	324455	36.66	ng		97
15) Benzyl Alcohol	8.41	79	380028	38.81	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	424149	39.82	ng		91
17) 2-Methylphenol	8.62	107	267457	37.35	ng		97
18) Hexachloroethane	9.26	117	133213	35.45	ng	#	82
19) n-Nitroso-di-n-propylamine	8.97	70	367696	38.15	ng		94
20) 3+4-Methylphenols	8.94	107	386738	38.72	ng		97
22) Acetophenone	9.00	105	575968	37.40	ng	#	95
24) Nitrobenzene	9.39	77	491534	38.60	ng		96
25) Isophorone	9.91	82	917179	38.06	ng		95
26) 2-Nitrophenol	10.10	139	184021	36.83	ng		99
27) 2,4-Dimethylphenol	10.16	122	314765	36.45	ng		90
28) bis(2-Chloroethoxy)methane	10.39	93	508157	37.81	ng		99
29) 2,4-Dichlorophenol	10.64	162	355889	38.64	ng		97
30) 1,2,4-Trichlorobenzene	10.86	180	385116	36.49	ng		96
31) Naphthalene	11.05	128	1007425	38.57	ng		99
32) Benzoic acid	10.31	122	278734	35.48	ng		95
33) 4-Chloroaniline	11.16	127	484244	37.91	ng		99
34) Hexachlorobutadiene	11.32	225	300394	35.11	ng		92
35) Caprolactam	11.94	113	133141	35.13	ng		96
36) 4-Chloro-3-methylphenol	12.28	107	469094	37.24	ng		100
37) 2-Methylnaphthalene	12.65	142	783033	37.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	623875	36.23	ng		99
40) Hexachlorocyclopentadiene	12.99	237	403755	40.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	354751	35.85	ng		99
43) 2,4,5-Trichlorophenol	13.33	196	354612	34.89	ng		92
45) 1,1'-Biphenyl	13.65	154	1141814	38.09	ng		97
46) 2-Chloronaphthalene	13.70	162	922085	37.92	ng		98
47) 2-Nitroaniline	13.90	65	400465	38.59	ng		97
48) Acenaphthylene	14.54	152	1366284	37.45	ng		99
49) Dimethylphthalate	14.26	163	1134178	34.75	ng		97
50) 2,6-Dinitrotoluene	14.39	165	252624	34.44	ng		93
51) Acenaphthene	14.88	154	881085	36.96	ng		99
52) 3-Nitroaniline	14.73	138	265454	36.29	ng		88
53) 2,4-Dinitrophenol	14.93	184	192140	38.18	ng		98
54) Dibenzofuran	15.21	168	1284169	35.99	ng		98
55) 4-Nitrophenol	15.03	139	184079	30.03	ng		93
56) 2,4-Dinitrotoluene	15.17	165	359316	33.60	ng		98
57) Fluorene	15.86	166	1107391	36.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	327322	32.19	ng		97
59) Diethylphthalate	15.62	149	1160421	34.94	ng		100
60) 4-Chlorophenyl-phenylether	15.85	204	638420	34.13	ng		99
61) 4-Nitroaniline	15.88	138	279815	35.36	ng	#	81
62) Azobenzene	16.14	77	1234880	38.88	ng		93
64) 4,6-Dinitro-2-methylphenol	15.94	198	234643	34.06	ng		96
65) n-Nitrosodiphenylamine	16.07	169	1043952	39.09	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	423045	35.08	ng		94
67) Hexachlorobenzene	16.86	284	462214	35.25	ng		94
68) Atrazine	17.01	200	416323	35.14	ng		99
69) Pentachlorophenol	17.22	266	268883	31.66	ng		98
70) Phenanthrene	17.61	178	1702847	37.49	ng		98
71) Anthracene	17.70	178	1746120	37.96	ng		99
72) Carbazole	17.97	167	1483030	37.31	ng		98
73) Di-n-butylphthalate	18.51	149	1763837	39.90	ng		99
74) Fluoranthene	19.61	202	1981823	35.55	ng		98
76) Benzidine	19.79	184	867672	31.21	ng		98
77) Pyrene	19.97	202	2066115	37.91	ng		98
79) Butylbenzylphthalate	20.85	149	851650	39.46	ng		96
80) Benzo(a)anthracene	21.85	228	2025538	37.33	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	855877	35.94	ng	#	99
82) Chrysene	21.92	228	1935848	38.04	ng		99
83) Bis(2-ethylhexyl)phthalate	21.73	149	1190119	39.71	ng		98
84) Di-n-octyl phthalate	23.00	149	2001914	40.05	ng		99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2148784	33.11	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2105492	19.06	ng	#	98
88) Benzo(k)fluoranthene	24.25	252	2120150	20.23	ng	#	97
89) Benzo(a)pyrene	25.10	252	2023897	19.11	ng	#	97
90) Dibenzo(a,h)anthracene	29.20	278	1823873	17.35	ng	#	95
91) Benzo(g,h,i)perylene	30.35	276	1786608	16.98	ng	#	96

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

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