Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022334.D
Acq On : 14 Jun 2016 14:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 15 02:20:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	41839	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	211572	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	124145	20.00	ng		0.00
63) Phenanthrene-d10	17.46	188	281720	20.00	ng		0.00
75) Chrysene-d12	21.73	240	238661	20.00	ng		0.00
86) Perylene-d12	25.01	264	210565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	195306	90.25	ng		-0.02
7) Phenol-d6	7.24	99	300418	88.30	ng		-0.01
23) Nitrobenzene-d5	9.25	82	272229	89.71	ng		-0.01
41) 2,4,6-Tribromophenol	16.20	330	111713	79.64	ng		-0.01
44) 2-Fluorobiphenyl	13.34	172	668515	82.06	ng		0.00
78) Terphenyl-d14	20.06	244	862359	85.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	40172	38.72	ng	#	79
3) Pyridine	3.87	79	116521	41.56	ng		95
4) n-Nitrosodimethylamine	3.78	42	29719	47.40	ng	#	98
6) Aniline	7.40	93	192539	44.54	ng	#	82
8) 2-Chlorophenol	7.64	128	125570	41.98	ng	#	81
9) Benzaldehyde	7.21	77	81794	43.68	ng	#	76
10) Phenol	7.27	94	156616	44.65	ng		83
11) bis(2-Chloroethyl)ether	7.48	93	118610	42.41	ng	#	74
12) 1,3-Dichlorobenzene	7.96	146	123374	38.48	ng	#	91
13) 1,4-Dichlorobenzene	8.11	146	127842	40.02	ng		94
14) 1,2-Dichlorobenzene	8.43	146	124301	38.60	ng		96
15) Benzyl Alcohol	8.32	79	101880	46.35	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	125298	43.18	ng		84
17) 2-Methylphenol	8.52	107	114046	43.57	ng	#	86
18) Hexachloroethane	9.16	117	46884	40.20	ng	#	81
19) n-Nitroso-di-n-propylamine	8.88	70	98537	42.78	ng	#	72
20) 3+4-Methylphenols	8.86	107	160786	42.82	ng		97
22) Acetophenone	8.91	105	197477	43.31	ng	#	82
24) Nitrobenzene	9.29	77	137398	45.02	ng	#	87
25) Isophorone	9.82	82	288645	40.65	ng	#	92
26) 2-Nitrophenol	10.01	139	79443	48.01	ng	#	78
27) 2,4-Dimethylphenol	10.06	122	124403	41.53	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	169723	41.73	ng		94
29) 2,4-Dichlorophenol	10.55	162	120838	43.55	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	121602	39.22	ng		97
31) Naphthalene	10.95	128	417939	39.58	ng	#	94
32) Benzoic acid	10.20	122	35042	38.22	ng	#	84
33) 4-Chloroaniline	11.06	127	186907	42.56	ng	#	92
34) Hexachlorobutadiene	11.22	225	62195	37.37	ng		94
35) Caprolactam	11.86	113	60733	39.90	ng	#	48
36) 4-Chloro-3-methylphenol	12.18	107	144176	43.84	ng		90
37) 2-Methylnaphthalene	12.55	142	306901	39.36	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	130927	40.97	ng		98
40) Hexachlorocyclopentadiene	12.88	237	42398	29.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	99399	46.37	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	104758	44.23	ng		95
45) 1,1'-Biphenyl	13.55	154	393896	42.16	ng		95
46) 2-Chloronaphthalene	13.59	162	298161	41.63	ng		97
47) 2-Nitroaniline	13.80	65	82684	48.42	ng	#	64
48) Acenaphthylene	14.44	152	508076	40.43	ng		97
49) Dimethylphthalate	14.16	163	397047	38.57	ng		98
50) 2,6-Dinitrotoluene	14.29	165	92776	41.46	ng	#	77
51) Acenaphthene	14.78	154	303449	40.31	ng		97
52) 3-Nitroaniline	14.63	138	104473	42.09	ng	#	80
53) 2,4-Dinitrophenol	14.85	184	26345	35.82	ng	#	85
54) Dibenzofuran	15.11	168	468041	39.84	ng		99
55) 4-Nitrophenol	14.95	139	71729	41.88	ng	#	72
56) 2,4-Dinitrotoluene	15.09	165	131649	43.86	ng	#	85
57) Fluorene	15.76	166	404328	39.95	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	86802	40.86	ng	#	96
59) Diethylphthalate	15.52	149	421614	38.34	ng		100
60) 4-Chlorophenyl-phenylether	15.75	204	179811	39.23	ng		96
61) 4-Nitroaniline	15.79	138	106622	40.51	ng	#	78
62) Azobenzene	16.04	77	359410	43.16	ng		88
64) 4,6-Dinitro-2-methylphenol	15.85	198	54095	39.03	ng		84
65) n-Nitrosodiphenylamine	15.96	169	344006	42.39	ng		97
66) 4-Bromophenyl-phenylether	16.64	248	107674	40.79	ng		97
67) Hexachlorobenzene	16.77	284	117666	38.25	ng		96
68) Atrazine	16.91	200	113706	37.85	ng		97
69) Pentachlorophenol	17.11	266	42626	34.75	ng		97
70) Phenanthrene	17.50	178	603725	39.46	ng		98
71) Anthracene	17.60	178	602443	39.70	ng		97
72) Carbazole	17.87	167	571438	39.76	ng		96
73) Di-n-butylphthalate	18.40	149	733995	39.06	ng		98
74) Fluoranthene	19.51	202	649227	36.91	ng		96
76) Benzidine	19.68	184	249950	40.05	ng		97
77) Pyrene	19.87	202	630443	42.49	ng		99
79) Butylbenzylphthalate	20.73	149	316789	46.04	ng		94
80) Benzo(a)anthracene	21.71	228	538025	40.20	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	157126	41.82	ng	#	96
82) Chrysene	21.78	228	514091	39.48	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	434717	42.96	ng		98
84) Di-n-octyl phthalate	22.81	149	732271	43.58	ng	#	90
85) Indeno(1,2,3-cd)pyrene	28.77	276	554985	37.99	ng	#	83
87) Benzo(b)fluoranthene	23.97	252	498862	40.62	ng	#	96
88) Benzo(k)fluoranthene	24.03	252	488705	40.43	ng	#	95
89) Benzo(a)pyrene	24.85	252	483434	41.17	ng	#	95
90) Dibenzo(a,h)anthracene	28.82	278	467495	42.27	ng	#	94
91) Benzo(g,h,i)perylene	29.94	276	463154	40.25	ng	#	92

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

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