Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022191.D
Acq On : 7 Jun 2016 5:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 07 06:41:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27760	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	140434	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	88903	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	209870	20.00	ng		0.00
75) Chrysene-d12	21.77	240	205253	20.00	ng		0.00
86) Perylene-d12	25.06	264	198527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	119013	82.89	ng		0.00
7) Phenol-d6	7.28	99	186060	82.42	ng		0.00
23) Nitrobenzene-d5	9.29	82	170267	84.53	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	82703	82.33	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	474196	81.29	ng		0.00
78) Terphenyl-d14	20.08	244	698297	80.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	28883	41.95	ng	#	88
3) Pyridine	3.93	79	72532	38.99	ng		97
4) n-Nitrosodimethylamine	3.85	42	18224	43.81	ng		92
6) Aniline	7.44	93	115795	40.38	ng	#	81
8) 2-Chlorophenol	7.68	128	80068	40.35	ng	#	79
9) Benzaldehyde	7.25	77	49045	39.47	ng	#	71
10) Phenol	7.31	94	96636	41.52	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	73639	39.68	ng	#	75
12) 1,3-Dichlorobenzene	8.01	146	81654	38.39	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	84040	39.65	ng		94
14) 1,2-Dichlorobenzene	8.48	146	83130	38.91	ng		97
15) Benzyl Alcohol	8.36	79	55838	38.28	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	74653	38.77	ng		79
17) 2-Methylphenol	8.56	107	66975	38.56	ng	#	87
18) Hexachloroethane	9.20	117	29837	38.55	ng	#	67
19) n-Nitroso-di-n-propylamine	8.92	70	59940	39.22	ng	#	69
20) 3+4-Methylphenols	8.90	107	98374	39.49	ng		97
22) Acetophenone	8.95	105	125050	41.32	ng	#	81
24) Nitrobenzene	9.33	77	84884	41.91	ng	#	82
25) Isophorone	9.85	82	186440	39.56	ng	#	93
26) 2-Nitrophenol	10.05	139	44956	40.93	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	81560	41.02	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	109141	40.42	ng		95
29) 2,4-Dichlorophenol	10.58	162	77982	42.34	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	82447	40.06	ng		93
31) Naphthalene	10.99	128	279879	39.93	ng	#	95
32) Benzoic acid	10.24	122	21478	36.26	ng	#	85
33) 4-Chloroaniline	11.10	127	118778	40.75	ng	#	89
34) Hexachlorobutadiene	11.26	225	43380	39.26	ng		96
35) Caprolactam	11.87	113	38233	37.84	ng	#	41
36) 4-Chloro-3-methylphenol	12.22	107	91141	41.75	ng		89
37) 2-Methylnaphthalene	12.58	142	203903	39.40	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	92511	40.42	ng		99
40) Hexachlorocyclopentadiene	12.92	237	40589	37.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	64761	42.18	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	67213	39.63	ng	#	91
45) 1,1'-Biphenyl	13.58	154	275135	41.12	ng		95
46) 2-Chloronaphthalene	13.63	162	212060	41.35	ng		95
47) 2-Nitroaniline	13.84	65	49042	40.10	ng	#	49
48) Acenaphthylene	14.47	152	363834	40.43	ng		99
49) Dimethylphthalate	14.20	163	289727	39.30	ng		99
50) 2,6-Dinitrotoluene	14.32	165	65074	40.61	ng	#	77
51) Acenaphthene	14.81	154	213215	39.55	ng		96
52) 3-Nitroaniline	14.66	138	67558	38.01	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	20901	38.50	ng	#	70
54) Dibenzofuran	15.14	168	340067	40.42	ng		97
55) 4-Nitrophenol	14.98	139	48927	39.89	ng	#	67
56) 2,4-Dinitrotoluene	15.11	165	90662	42.18	ng	#	82
57) Fluorene	15.79	166	287470	39.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	64586	42.46	ng		99
59) Diethylphthalate	15.55	149	307496	39.05	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	134180	40.88	ng		94
61) 4-Nitroaniline	15.82	138	74262	39.40	ng	#	78
62) Azobenzene	16.07	77	242098	40.60	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	39745	38.57	ng	#	78
65) n-Nitrosodiphenylamine	16.00	169	247157	40.88	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	80498	40.93	ng		97
67) Hexachlorobenzene	16.79	284	90633	39.54	ng		97
68) Atrazine	16.94	200	88336	39.47	ng		98
69) Pentachlorophenol	17.15	266	35320	37.89	ng		95
70) Phenanthrene	17.54	178	454297	39.85	ng		99
71) Anthracene	17.62	178	460812	40.76	ng		98
72) Carbazole	17.90	167	428362	40.01	ng		99
73) Di-n-butylphthalate	18.43	149	558449	39.90	ng		98
74) Fluoranthene	19.54	202	516917	39.45	ng		97
76) Benzidine	19.71	184	221106	41.19	ng		97
77) Pyrene	19.90	202	516828	40.50	ng		100
79) Butylbenzylphthalate	20.77	149	239768	40.52	ng		90
80) Benzo(a)anthracene	21.75	228	463689	40.29	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	132177	40.91	ng		99
82) Chrysene	21.81	228	442078	39.47	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	351924	40.44	ng		97
84) Di-n-octyl phthalate	22.85	149	601037	41.60	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	522188	41.56	ng		99
87) Benzo(b)fluoranthene	24.01	252	467234	40.35	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	460941	40.44	ng	#	97
89) Benzo(a)pyrene	24.91	252	446847	40.36	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	427837	41.03	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	436695	40.26	ng	#	93

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

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