Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021175.D
Acq On : 1 Mar 2016 4:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 01 07:26:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	16069	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	85411	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	52355	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	113796	20.00	ng		0.00
75) Chrysene-d12	21.76	240	119606	20.00	ng		0.00
86) Perylene-d12	25.03	264	109467	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	80405	79.55	ng		0.00
7) Phenol-d6	7.30	99	138086	83.08	ng		0.00
23) Nitrobenzene-d5	9.32	82	161160	79.84	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	42392	77.82	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	306909	83.24	ng		0.00
78) Terphenyl-d14	20.09	244	410868	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	17294	38.10	ng		93
3) Pyridine	3.99	79	55948	38.99	ng		96
4) n-Nitrosodimethylamine	3.91	42	27334	37.81	ng		97
6) Aniline	7.48	93	89198	40.48	ng	#	89
8) 2-Chlorophenol	7.71	128	52468	42.34	ng		86
9) Benzaldehyde	7.29	77	38390	36.97	ng		83
10) Phenol	7.33	94	73704	41.60	ng		81
11) bis(2-Chloroethyl)ether	7.57	93	54774	40.11	ng		93
12) 1,3-Dichlorobenzene	8.04	146	52001	40.93	ng	#	91
13) 1,4-Dichlorobenzene	8.19	146	53103	40.59	ng		94
14) 1,2-Dichlorobenzene	8.51	146	51846	41.56	ng		97
15) Benzyl Alcohol	8.38	79	61214	40.33	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	92061	39.05	ng		96
17) 2-Methylphenol	8.58	107	50364	41.08	ng	#	90
18) Hexachloroethane	9.24	117	22813	41.64	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	58784	38.28	ng		91
20) 3+4-Methylphenols	8.91	107	70677	40.71	ng		95
22) Acetophenone	8.98	105	98905	38.91	ng	#	95
24) Nitrobenzene	9.36	77	88469	40.16	ng	#	89
25) Isophorone	9.88	82	166176	37.99	ng		96
26) 2-Nitrophenol	10.07	139	33228	41.41	ng	#	68
27) 2,4-Dimethylphenol	10.12	122	56215	39.05	ng		86
28) bis(2-Chloroethoxy)methane	10.36	93	79003	38.90	ng		97
29) 2,4-Dichlorophenol	10.60	162	52001	40.10	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	53686	41.04	ng		99
31) Naphthalene	11.02	128	179789	40.37	ng		98
32) Benzoic acid	10.28	122	50581	42.17	ng	#	80
33) 4-Chloroaniline	11.12	127	78852	38.39	ng	#	91
34) Hexachlorobutadiene	11.29	225	33973	42.66	ng		92
35) Caprolactam	11.91	113	22777	36.02	ng	#	78
36) 4-Chloro-3-methylphenol	12.22	107	75450	38.35	ng		86
37) 2-Methylnaphthalene	12.60	142	125569	39.61	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	68185	43.37	ng		98
40) Hexachlorocyclopentadiene	12.94	237	36843	42.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	47953	40.61	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	50485	39.98	ng		90
45) 1,1'-Biphenyl	13.60	154	180472	41.91	ng		95
46) 2-Chloronaphthalene	13.65	162	134164	41.51	ng		98
47) 2-Nitroaniline	13.84	65	60870	38.64	ng	#	71
48) Acenaphthylene	14.49	152	221201	40.42	ng		98
49) Dimethylphthalate	14.21	163	176451	37.82	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	38683	39.62	ng	#	68
51) Acenaphthene	14.82	154	147138	42.36	ng		96
52) 3-Nitroaniline	14.66	138	41813	38.60	ng	#	72
53) 2,4-Dinitrophenol	14.86	184	22136	43.26	ng	#	82
54) Dibenzofuran	15.16	168	181941	39.22	ng		91
55) 4-Nitrophenol	14.95	139	34842	38.79	ng	#	60
56) 2,4-Dinitrotoluene	15.11	165	54457	38.73	ng	#	77
57) Fluorene	15.80	166	172755	39.08	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	38647	38.26	ng	#	93
59) Diethylphthalate	15.56	149	192555	37.34	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	86350	39.13	ng		97
61) 4-Nitroaniline	15.82	138	44127	38.15	ng	#	57
62) Azobenzene	16.08	77	209708	37.86	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	32971	42.43	ng		94
65) n-Nitrosodiphenylamine	16.00	169	146563	41.89	ng		95
66) 4-Bromophenyl-phenylether	16.69	248	50400	42.38	ng	#	90
67) Hexachlorobenzene	16.80	284	48738	42.22	ng	#	87
68) Atrazine	16.94	200	48444	40.43	ng		98
69) Pentachlorophenol	17.14	266	32838	43.54	ng		91
70) Phenanthrene	17.54	178	253682	41.31	ng		98
71) Anthracene	17.63	178	258961	41.21	ng		99
72) Carbazole	17.90	167	226524	40.65	ng		96
73) Di-n-butylphthalate	18.44	149	314309	40.12	ng	#	98
74) Fluoranthene	19.54	202	288607	40.00	ng		99
76) Benzidine	19.71	184	141259	42.21	ng		99
77) Pyrene	19.89	202	292275	40.96	ng		98
79) Butylbenzylphthalate	20.76	149	148911	40.89	ng	#	85
80) Benzo(a)anthracene	21.74	228	291353	41.14	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	109827	40.99	ng	#	97
82) Chrysene	21.81	228	275533	41.06	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	220906	41.39	ng		96
84) Di-n-octyl phthalate	22.86	149	369330	41.55	ng		100
85) Indeno(1,2,3-cd)pyrene	28.77	276	307880	40.01	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	281490	40.88	ng		97
88) Benzo(k)fluoranthene	24.07	252	274266	39.77	ng		97
89) Benzo(a)pyrene	24.88	252	269658	40.51	ng	#	94
90) Dibenzo(a,h)anthracene	28.84	278	260500	39.56	ng	#	95
91) Benzo(g,h,i)perylene	29.95	276	250161	39.32	ng	#	91

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

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