Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021157.D
Acq On : 29 Feb 2016 16:15
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Feb 29 17:09:49 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 16:07:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	8913	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	50385	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	31956	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	75231	20.00	ng		0.00
75) Chrysene-d12	21.77	240	79194	20.00	ng		0.00
86) Perylene-d12	25.04	264	70504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	70044	137.58	ng		0.00
7) Phenol-d6	7.30	99	120071	158.49	ng		0.00
23) Nitrobenzene-d5	9.32	82	142856	135.09	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	40834	97.46	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	275579	110.35	ng		0.00
78) Terphenyl-d14	20.09	244	395309	116.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	15203	64.49	ng		91
3) Pyridine	4.00	79	51024	74.00	ng	#	92
4) n-Nitrosodimethylamine	3.91	42	24503	70.09	ng		100
6) Aniline	7.48	93	78229	83.48	ng	#	85
8) 2-Chlorophenol	7.72	128	44031	69.35	ng		83
9) Benzaldehyde	7.29	77	29299	71.40	ng		85
10) Phenol	7.33	94	63278	81.54	ng		81
11) bis(2-Chloroethyl)ether	7.57	93	46874	78.80	ng		93
12) 1,3-Dichlorobenzene	8.04	146	43422	64.25	ng	#	89
13) 1,4-Dichlorobenzene	8.19	146	45350	62.82	ng		98
14) 1,2-Dichlorobenzene	8.51	146	43422	63.53	ng		97
15) Benzyl Alcohol	8.39	79	54115	81.78	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.68	45	82572	121.06	ng		98
17) 2-Methylphenol	8.59	107	43458	79.33	ng	#	90
18) Hexachloroethane	9.25	117	19293	70.65	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	55099	94.29	ng		95
20) 3+4-Methylphenols	8.92	107	62827	82.72	ng		92
22) Acetophenone	8.98	105	87670	63.04	ng	#	92
24) Nitrobenzene	9.36	77	77519	70.96	ng	#	87
25) Isophorone	9.89	82	152496	76.94	ng		94
26) 2-Nitrophenol	10.07	139	29194	63.20	ng	#	61
27) 2,4-Dimethylphenol	10.12	122	51888	63.69	ng		88
28) bis(2-Chloroethoxy)methane	10.36	93	69589	72.04	ng		98
29) 2,4-Dichlorophenol	10.60	162	45113	56.57	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	46102	51.00	ng		97
31) Naphthalene	11.02	128	154339	59.64	ng		98
32) Benzoic acid	10.27	122	46534	62.20	ng	#	83
33) 4-Chloroaniline	11.12	127	72442	67.02	ng	#	88
34) Hexachlorobutadiene	11.30	225	28276	46.75	ng		93
35) Caprolactam	11.91	113	21514	79.83	ng	#	81
36) 4-Chloro-3-methylphenol	12.22	107	68998	70.57	ng		86
37) 2-Methylnaphthalene	12.61	142	110152	60.60	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	59409	50.31	ng		98
40) Hexachlorocyclopentadiene	12.95	237	33680	43.37	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	43976	59.38	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	46508	61.12	ng		89
45) 1,1'-Biphenyl	13.61	154	160188	59.53	ng		95
46) 2-Chloronaphthalene	13.65	162	120477	59.00	ng		97
47) 2-Nitroaniline	13.85	65	57887	87.50	ng	#	72
48) Acenaphthylene	14.49	152	202682	62.74	ng		98
49) Dimethylphthalate	14.22	163	169497	61.54	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	36343	64.14	ng	#	57
51) Acenaphthene	14.83	154	133416	60.54	ng		98
52) 3-Nitroaniline	14.66	138	39704	72.01	ng	#	59
53) 2,4-Dinitrophenol	14.86	184	19989	50.60	ng	#	79
54) Dibenzofuran	15.16	168	170940	61.24	ng		93
55) 4-Nitrophenol	14.96	139	32808	67.09	ng	#	57
56) 2,4-Dinitrotoluene	15.12	165	51384	63.24	ng	#	74
57) Fluorene	15.81	166	161824	59.59	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36414	55.06	ng	#	93
59) Diethylphthalate	15.57	149	184226	63.46	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	82225	55.05	ng		98
61) 4-Nitroaniline	15.83	138	43125	68.69	ng	#	61
62) Azobenzene	16.08	77	200191	79.60	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	31363	56.84	ng		93
65) n-Nitrosodiphenylamine	16.01	169	140959	63.51	ng		95
66) 4-Bromophenyl-phenylether	16.68	248	47587	53.73	ng	#	87
67) Hexachlorobenzene	16.80	284	45866	49.08	ng	#	81
68) Atrazine	16.95	200	44905	54.60	ng		98
69) Pentachlorophenol	17.14	266	31399	49.78	ng		93
70) Phenanthrene	17.54	178	242160	59.82	ng		99
71) Anthracene	17.64	178	248368	60.92	ng		99
72) Carbazole	17.90	167	214177	60.85	ng		97
73) Di-n-butylphthalate	18.45	149	305785	65.91	ng	#	97
74) Fluoranthene	19.54	202	277942	54.73	ng		98
76) Benzidine	19.71	184	133664	64.15	ng		99
77) Pyrene	19.90	202	283061	64.55	ng		97
79) Butylbenzylphthalate	20.77	149	143697	78.52	ng		88
80) Benzo(a)anthracene	21.74	228	276393	60.66	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	104566	58.65	ng	#	96
82) Chrysene	21.81	228	261492	59.59	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	212954	75.35	ng		98
84) Di-n-octyl phthalate	22.87	149	355851	75.13	ng		99
85) Indeno(1,2,3-cd)pyrene	28.78	276	291068	55.01	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	266352	60.44	ng		98
88) Benzo(k)fluoranthene	24.08	252	265663	61.15	ng		97
89) Benzo(a)pyrene	24.89	252	256829	60.71	ng		94
90) Dibenzo(a,h)anthracene	28.85	278	247411	58.01	ng	#	96
91) Benzo(g,h,i)perylene	29.96	276	237348	57.78	ng		95

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

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