Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023387.D
Acq On : 1 Aug 2016 17:16
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Aug 01 18:01:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:40:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	161427	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	789487	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	543256	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1266239	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1026165	20.00	ng		0.00
86) Perylene-d12	25.24	264	1070516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1160732	122.75	ng		0.00
7) Phenol-d6	7.28	99	1786976	123.09	ng		0.00
23) Nitrobenzene-d5	9.30	82	1864492	115.49	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	946520	168.34	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	3345031	115.24	ng		0.00
78) Terphenyl-d14	20.15	244	3636361	115.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	242464	59.79	ng	#	93
3) Pyridine	3.93	79	851338	59.98	ng	#	91
4) n-Nitrosodimethylamine	3.85	42	312119	48.67	ng	#	63
6) Aniline	7.44	93	1312043	67.66	ng		96
8) 2-Chlorophenol	7.68	128	669818	63.49	ng		99
9) Benzaldehyde	7.25	77	445456	42.72	ng		92
10) Phenol	7.31	94	976863	63.77	ng		81
11) bis(2-Chloroethyl)ether	7.54	93	762321	58.55	ng		93
12) 1,3-Dichlorobenzene	8.01	146	763738	64.24	ng		94
13) 1,4-Dichlorobenzene	8.16	146	767629	63.29	ng		96
14) 1,2-Dichlorobenzene	8.48	146	745049	63.68	ng		95
15) Benzyl Alcohol	8.37	79	725101	74.22	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	1130854	54.58	ng		91
17) 2-Methylphenol	8.57	107	658524	62.90	ng	#	89
18) Hexachloroethane	9.22	117	296327	58.64	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	782111	59.90	ng		97
20) 3+4-Methylphenols	8.90	107	930241	65.34	ng		90
22) Acetophenone	8.95	105	1255305	60.90	ng	#	91
24) Nitrobenzene	9.35	77	1037437	55.34	ng	#	87
25) Isophorone	9.87	82	1955645	58.65	ng	#	94
26) 2-Nitrophenol	10.06	139	462709	65.34	ng	#	78
27) 2,4-Dimethylphenol	10.12	122	757249	63.45	ng		83
28) bis(2-Chloroethoxy)methane	10.34	93	1149734	61.45	ng		96
29) 2,4-Dichlorophenol	10.60	162	774589	67.03	ng		99
30) 1,2,4-Trichlorobenzene	10.81	180	815164	63.84	ng		94
31) Naphthalene	11.01	128	2242315	61.13	ng	#	94
32) Benzoic acid	10.30	122	714457	84.37	ng	#	89
33) 4-Chloroaniline	11.11	127	1150411	67.88	ng		95
34) Hexachlorobutadiene	11.28	225	538098	64.29	ng		99
35) Caprolactam	11.91	113	331394	67.44	ng		93
36) 4-Chloro-3-methylphenol	12.24	107	1009491	66.50	ng		93
37) 2-Methylnaphthalene	12.61	142	1733515	63.73	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	1175509	66.84	ng		99
40) Hexachlorocyclopentadiene	12.95	237	622254	74.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	710560	68.78	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	730346	66.64	ng		91
45) 1,1'-Biphenyl	13.62	154	2319305	61.21	ng		88
46) 2-Chloronaphthalene	13.66	162	1833503	60.39	ng	#	92
47) 2-Nitroaniline	13.87	65	831122	64.71	ng	#	85
48) Acenaphthylene	14.51	152	2782031	59.85	ng	#	90
49) Dimethylphthalate	14.24	163	2301656	57.41	ng	#	94
50) 2,6-Dinitrotoluene	14.36	165	579514	61.73	ng	#	82
51) Acenaphthene	14.85	154	1833141	60.80	ng		97
52) 3-Nitroaniline	14.70	138	662896	70.11	ng		82
53) 2,4-Dinitrophenol	14.90	184	401837	73.10	ng	#	84
54) Dibenzofuran	15.19	168	2506993	58.76	ng	#	95
55) 4-Nitrophenol	15.01	139	525500	64.07	ng	#	76
56) 2,4-Dinitrotoluene	15.16	165	825689	62.46	ng		90
57) Fluorene	15.84	166	2197481	58.33	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	655417	70.65	ng		95
59) Diethylphthalate	15.60	149	2289666	55.76	ng	#	90
60) 4-Chlorophenyl-phenylether	15.83	204	1224084	60.02	ng		99
61) 4-Nitroaniline	15.87	138	693986	69.99	ng	#	63
62) Azobenzene	16.12	77	2359414	55.42	ng		89
64) 4,6-Dinitro-2-methylphenol	15.92	198	567495	69.78	ng		95
65) n-Nitrosodiphenylamine	16.04	169	2111222	62.45	ng	#	90
66) 4-Bromophenyl-phenylether	16.72	248	897085	70.07	ng		95
67) Hexachlorobenzene	16.85	284	969142	75.28	ng		98
68) Atrazine	16.99	200	800111	61.70	ng		94
69) Pentachlorophenol	17.19	266	588694	74.10	ng		99
70) Phenanthrene	17.59	178	3256886	58.80	ng	#	85
71) Anthracene	17.68	178	3280538	58.62	ng	#	84
72) Carbazole	17.96	167	3042875	59.37	ng	#	89
73) Di-n-butylphthalate	18.50	149	3217919	56.27	ng	#	91
74) Fluoranthene	19.60	202	3388140	53.60	ng		82
76) Benzidine	19.78	184	1549744	53.70	ng		96
77) Pyrene	19.97	202	3433376	58.96	ng	#	86
79) Butylbenzylphthalate	20.84	149	1446879	56.48	ng		99
80) Benzo(a)anthracene	21.84	228	3092480	57.56	ng		93
81) 3,3'-Dichlorobenzidine	21.75	252	1385618	63.61	ng	#	96
82) Chrysene	21.91	228	2965573	57.13	ng	#	90
83) Bis(2-ethylhexyl)phthalate	21.72	149	1978917	55.20	ng		96
84) Di-n-octyl phthalate	22.99	149	3364370	57.37	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	4098716	67.69	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	3489020	61.35	ng	#	92
88) Benzo(k)fluoranthene	24.24	252	3294381	57.95	ng	#	91
89) Benzo(a)pyrene	25.09	252	3344566	60.01	ng	#	94
90) Dibenzo(a,h)anthracene	29.19	278	3464086	65.71	ng	#	90
91) Benzo(g,h,i)perylene	30.34	276	3525997	63.54	ng	#	89

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

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