Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\
Data File : BG026648.D
Acq On : 18 Apr 2017 14:25
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Apr 18 15:58:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 15:56:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	169953	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	715585	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	426830	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	1046905	20.00	ng		0.00
75) Chrysene-d12	21.61	240	1266209	20.00	ng		0.00
86) Perylene-d12	24.78	264	1269130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	479516	50.08	ng		0.00
7) Phenol-d6	7.19	99	630759	49.07	ng		0.00
23) Nitrobenzene-d5	9.19	82	523726	44.01	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	295286	60.41	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1510281	49.62	ng		0.00
78) Terphenyl-d14	19.97	244	2312790	44.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	123501	28.73	ng	#	72
3) Pyridine	3.89	79	277908	23.61	ng	#	63
4) n-Nitrosodimethylamine	3.80	42	77036	23.95	ng	#	1
6) Aniline	7.35	93	397129	23.13	ng	#	86
8) 2-Chlorophenol	7.59	128	281866	26.14	ng	#	81
9) Benzaldehyde	7.17	77	215677	24.85	ng	#	60
10) Phenol	7.22	94	340492	24.82	ng	#	70
11) bis(2-Chloroethyl)ether	7.44	93	265307	23.58	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	334965	26.10	ng	#	87
13) 1,4-Dichlorobenzene	8.06	146	336084	25.89	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	320704	25.81	ng	#	88
15) Benzyl Alcohol	8.26	79	189267	22.46	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	259673	20.79	ng		80
17) 2-Methylphenol	8.47	107	236623	24.29	ng	#	80
18) Hexachloroethane	9.12	117	105012	24.73	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	191315	23.15	ng	#	71
20) 3+4-Methylphenols	8.79	107	328145	24.46	ng	#	82
22) Acetophenone	8.85	105	420525	25.55	ng	#	74
24) Nitrobenzene	9.23	77	274737	23.38	ng	#	71
25) Isophorone	9.74	82	529362	23.60	ng	#	87
26) 2-Nitrophenol	9.94	139	165173	27.01	ng	#	59
27) 2,4-Dimethylphenol	10.00	122	265318	26.44	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	351518	24.12	ng	#	96
29) 2,4-Dichlorophenol	10.48	162	288635	28.44	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	314000	27.54	ng		99
31) Naphthalene	10.88	128	904717	25.01	ng		98
32) Benzoic acid	10.10	122	138264	17.90	ng	#	70
33) 4-Chloroaniline	10.98	127	388168	26.38	ng	#	81
34) Hexachlorobutadiene	11.17	225	178781	26.58	ng		97
35) Caprolactam	11.74	113	108653	27.17	ng	#	47
36) 4-Chloro-3-methylphenol	12.10	107	287371	26.47	ng	#	76
37) 2-Methylnaphthalene	12.48	142	696865	26.29	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	337795	26.30	ng	#	96
40) Hexachlorocyclopentadiene	12.82	237	158550	23.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	235430	28.00	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	251945	27.11	ng	#	90
45) 1,1'-Biphenyl	13.48	154	898440	25.42	ng		96
46) 2-Chloronaphthalene	13.52	162	675950	26.18	ng		94
47) 2-Nitroaniline	13.72	65	170651	23.24	ng	#	59
48) Acenaphthylene	14.36	152	1097624	24.39	ng		98
49) Dimethylphthalate	14.09	163	869453	26.99	ng		98
50) 2,6-Dinitrotoluene	14.20	165	203670	27.09	ng	#	59
51) Acenaphthene	14.70	154	683361	24.66	ng		99
52) 3-Nitroaniline	14.54	138	218906	26.44	ng	#	62
53) 2,4-Dinitrophenol	14.74	184	82001	18.80	ng	#	72
54) Dibenzofuran	15.03	168	1085383	27.82	ng	#	86
55) 4-Nitrophenol	14.84	139	181525	26.78	ng	#	40
56) 2,4-Dinitrotoluene	14.99	165	288953	27.32	ng	#	69
57) Fluorene	15.68	166	887485	25.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	247621	30.55	ng	#	95
59) Diethylphthalate	15.44	149	875940	26.60	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	439020	26.68	ng		89
61) 4-Nitroaniline	15.70	138	242950	27.74	ng	#	50
62) Azobenzene	15.95	77	683314	25.52	ng		80
64) 4,6-Dinitro-2-methylphenol	15.76	198	179248	27.16	ng		86
65) n-Nitrosodiphenylamine	15.88	169	794647	25.86	ng		99
66) 4-Bromophenyl-phenylether	16.55	248	292763	27.17	ng		93
67) Hexachlorobenzene	16.68	284	317477	27.62	ng	#	89
68) Atrazine	16.82	200	310149	26.66	ng		98
69) Pentachlorophenol	17.02	266	194790	26.06	ng		98
70) Phenanthrene	17.41	178	1433045	25.49	ng		95
71) Anthracene	17.50	178	1495868	26.08	ng		99
72) Carbazole	17.77	167	1440702	24.39	ng		95
73) Di-n-butylphthalate	18.32	149	1623528	26.76	ng	#	93
74) Fluoranthene	19.41	202	1768389	26.75	ng		95
76) Benzidine	19.59	184	798124	18.28	ng		99
77) Pyrene	19.77	202	1814857	24.75	ng		98
79) Butylbenzylphthalate	20.65	149	758836	25.87	ng	#	83
80) Benzo(a)anthracene	21.60	228	1807474	25.37	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	742502	25.45	ng	#	99
82) Chrysene	21.66	228	1652639	24.28	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1098789	24.80	ng		97
84) Di-n-octyl phthalate	22.68	149	1882637	24.90	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.39	276	2218870	26.40	ng	#	89
87) Benzo(b)fluoranthene	23.78	252	1891634	25.28	ng	#	97
88) Benzo(k)fluoranthene	23.85	252	1808692	24.93	ng	#	95
89) Benzo(a)pyrene	24.63	252	1818297	25.34	ng	#	95
90) Dibenzo(a,h)anthracene	28.44	278	1872824	25.82	ng	#	94
91) Benzo(g,h,i)perylene	29.52	276	1835937	25.13	ng	#	89

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

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