Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\
Data File : BG026652.D
Acq On : 18 Apr 2017 17:03
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Apr 18 17:57:38 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 15:52:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	173486	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	751750	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	463453	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1128356	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1232358	20.00	ng		-0.02
86) Perylene-d12	24.78	264	1249873	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1472771	150.68	ng		-0.02
7) Phenol-d6	7.20	99	1937262	147.63	ng		-0.01
23) Nitrobenzene-d5	9.19	82	1666688	133.31	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	982658	185.15	ng		-0.02
44) 2-Fluorobiphenyl	13.27	172	4148303	125.52	ng		-0.02
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	390755	89.07	ng	#	69
3) Pyridine	3.88	79	903500	75.20	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	251536	76.59	ng	#	1
6) Aniline	7.36	93	1290715	73.63	ng	#	90
8) 2-Chlorophenol	7.60	128	893185	81.15	ng	#	78
9) Benzaldehyde	7.17	77	592860	66.92	ng	#	63
10) Phenol	7.22	94	1074993	76.77	ng	#	72
11) bis(2-Chloroethyl)ether	7.45	93	845425	73.62	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	1040957	79.45	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	1045147	78.86	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	998318	78.70	ng	#	92
15) Benzyl Alcohol	8.27	79	652561	75.85	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	801997	62.89	ng		78
17) 2-Methylphenol	8.47	107	769318	77.36	ng	#	81
18) Hexachloroethane	9.11	117	343455	79.25	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	611276	72.46	ng	#	71
20) 3+4-Methylphenols	8.80	107	1065796	77.84	ng		86
22) Acetophenone	8.85	105	1330163	76.94	ng	#	74
24) Nitrobenzene	9.24	77	892420	72.29	ng	#	66
25) Isophorone	9.76	82	1739983	73.84	ng	#	87
26) 2-Nitrophenol	9.94	139	572147	89.07	ng	#	62
27) 2,4-Dimethylphenol	10.00	122	885283	83.96	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	1122250	73.31	ng	#	95
29) 2,4-Dichlorophenol	10.48	162	942834	88.42	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	1009847	84.31	ng		99
31) Naphthalene	10.88	128	2748753	72.32	ng		97
32) Benzoic acid	10.18	122	684409	84.36	ng	#	69
33) 4-Chloroaniline	10.99	127	1270272	82.17	ng	#	81
34) Hexachlorobutadiene	11.16	225	581037	82.22	ng		98
35) Caprolactam	11.78	113	370918	88.29	ng	#	54
36) 4-Chloro-3-methylphenol	12.11	107	945068	82.86	ng	#	73
37) 2-Methylnaphthalene	12.48	142	2158742	77.54	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1090171	78.18	ng		98
40) Hexachlorocyclopentadiene	12.83	237	621963	84.74	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	806851	88.37	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	844771	83.71	ng	#	91
45) 1,1'-Biphenyl	13.48	154	2708247	70.56	ng		96
46) 2-Chloronaphthalene	13.52	162	2104684	75.08	ng		97
47) 2-Nitroaniline	13.72	65	588342	73.80	ng	#	51
48) Acenaphthylene	14.36	152	3323665	68.01	ng		95
49) Dimethylphthalate	14.09	163	2706509	77.37	ng		99
50) 2,6-Dinitrotoluene	14.21	165	700962	85.86	ng	#	58
51) Acenaphthene	14.71	154	2163229	71.89	ng		98
52) 3-Nitroaniline	14.55	138	747007	83.10	ng	#	65
53) 2,4-Dinitrophenol	14.75	184	412426	87.08	ng	#	75
54) Dibenzofuran	15.03	168	3205139	75.65	ng		94
55) 4-Nitrophenol	14.85	139	635252	86.30	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	992978	86.48	ng	#	69
57) Fluorene	15.68	166	2694623	71.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	818001	92.94	ng	#	96
59) Diethylphthalate	15.45	149	2704278	75.63	ng	#	94
60) 4-Chlorophenyl-phenylether	15.67	204	1427066	79.87	ng		91
61) 4-Nitroaniline	15.70	138	798911	84.01	ng	#	52
62) Azobenzene	15.96	77	2163416	74.42	ng		76
64) 4,6-Dinitro-2-methylphenol	15.76	198	639270	89.86	ng		85
65) n-Nitrosodiphenylamine	15.89	169	2426726	73.28	ng		94
66) 4-Bromophenyl-phenylether	16.56	248	983739	84.70	ng		94
67) Hexachlorobenzene	16.69	284	1060903	85.63	ng		91
68) Atrazine	16.83	200	969243	77.31	ng		96
69) Pentachlorophenol	17.03	266	676809	84.03	ng		96
70) Phenanthrene	17.41	178	3945582m	65.12	ng		
71) Anthracene	17.50	178	4127699	66.77	ng	#	89
72) Carbazole	17.77	167	3905426	61.36	ng		95
73) Di-n-butylphthalate	18.32	149	4151172	63.48	ng	#	93
74) Fluoranthene	19.42	202	4364110	61.25	ng		88
76) Benzidine	19.59	184	2660867	62.62	ng	#	92
77) Pyrene	19.78	202	4420284	61.94	ng	#	85
79) Butylbenzylphthalate	20.65	149	2140536	74.97	ng		87
80) Benzo(a)anthracene	21.60	228	4598254	66.30	ng	#	89
81) 3,3'-Dichlorobenzidine	21.51	252	2029820	71.50	ng	#	97
82) Chrysene	21.67	228	4250485	64.15	ng	#	89
83) Bis(2-ethylhexyl)phthalate	21.50	149	2945696	68.31	ng	#	89
84) Di-n-octyl phthalate	22.68	149	4838432	65.74	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.42	276	6592891	80.59	ng	#	93
87) Benzo(b)fluoranthene	23.79	252	5157721	70.00	ng	#	90
88) Benzo(k)fluoranthene	23.85	252	4921505	68.88	ng	#	92
89) Benzo(a)pyrene	24.65	252	5090603	72.03	ng	#	93
90) Dibenzo(a,h)anthracene	28.47	278	5461755	76.47	ng	#	90
91) Benzo(g,h,i)perylene	29.56	276	5476031	76.10	ng	#	87

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

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