Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\
Data File : BG026650.D
Acq On : 18 Apr 2017 15:44
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Apr 18 16:19:25 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	182687	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	757130	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	447344	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	1086531	20.00	ng		0.00
75) Chrysene-d12	21.62	240	1262739	20.00	ng		0.00
86) Perylene-d12	24.78	264	1254276	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1002160	97.37	ng		0.00
7) Phenol-d6	7.19	99	1297866	93.92	ng		0.00
23) Nitrobenzene-d5	9.19	82	1084820	86.15	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	598135	116.76	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2855722	89.52	ng		0.00
78) Terphenyl-d14	19.97	244	3804989	73.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	265723	57.52	ng	#	69
3) Pyridine	3.89	79	594367	46.98	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	166628	48.18	ng	#	1
6) Aniline	7.35	93	839746	45.49	ng	#	88
8) 2-Chlorophenol	7.59	128	591219	51.01	ng	#	79
9) Benzaldehyde	7.16	77	433578	46.48	ng	#	66
10) Phenol	7.22	94	707077	47.95	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	553206	45.75	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	696487	50.48	ng	#	85
13) 1,4-Dichlorobenzene	8.06	146	703827	50.43	ng	#	92
14) 1,2-Dichlorobenzene	8.38	146	663336	49.66	ng	#	91
15) Benzyl Alcohol	8.26	79	409094	45.16	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	527808	39.31	ng		78
17) 2-Methylphenol	8.47	107	493246	47.10	ng	#	81
18) Hexachloroethane	9.11	117	223446	48.96	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	391026	44.02	ng	#	71
20) 3+4-Methylphenols	8.80	107	679136	47.10	ng		87
22) Acetophenone	8.84	105	854047	49.05	ng	#	74
24) Nitrobenzene	9.23	77	572634	46.06	ng	#	69
25) Isophorone	9.75	82	1089238	45.90	ng	#	88
26) 2-Nitrophenol	9.94	139	353650	54.67	ng	#	61
27) 2,4-Dimethylphenol	10.00	122	561329	52.86	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	718535	46.60	ng	#	96
29) 2,4-Dichlorophenol	10.48	162	597106	55.60	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	649983	53.88	ng		98
31) Naphthalene	10.88	128	1810914	47.31	ng		99
32) Benzoic acid	10.15	122	388219	47.51	ng	#	68
33) 4-Chloroaniline	10.98	127	791409	50.83	ng	#	80
34) Hexachlorobutadiene	11.17	225	374241	52.58	ng		96
35) Caprolactam	11.75	113	224267	53.00	ng	#	51
36) 4-Chloro-3-methylphenol	12.11	107	585178	50.94	ng	#	75
37) 2-Methylnaphthalene	12.48	142	1402035	50.00	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	683975	50.82	ng	#	98
40) Hexachlorocyclopentadiene	12.82	237	371954	52.50	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	491048	55.72	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	511920	52.55	ng	#	91
45) 1,1'-Biphenyl	13.47	154	1749893	47.23	ng		98
46) 2-Chloronaphthalene	13.52	162	1341924	49.59	ng		97
47) 2-Nitroaniline	13.72	65	354365	46.05	ng	#	51
48) Acenaphthylene	14.36	152	2139937	45.37	ng		99
49) Dimethylphthalate	14.09	163	1714828	50.79	ng		99
50) 2,6-Dinitrotoluene	14.21	165	422203	53.57	ng	#	56
51) Acenaphthene	14.70	154	1364178	46.97	ng		99
52) 3-Nitroaniline	14.54	138	459264	52.93	ng	#	64
53) 2,4-Dinitrophenol	14.75	184	230955	50.52	ng	#	75
54) Dibenzofuran	15.03	168	2095126	51.23	ng		90
55) 4-Nitrophenol	14.85	139	387552	54.54	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	604824	54.57	ng	#	66
57) Fluorene	15.68	166	1726608	47.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	497706	58.58	ng	#	95
59) Diethylphthalate	15.44	149	1711117	49.58	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	872874	50.61	ng		89
61) 4-Nitroaniline	15.70	138	490611	53.45	ng	#	48
62) Azobenzene	15.96	77	1341365	47.80	ng		76
64) 4,6-Dinitro-2-methylphenol	15.76	198	388811	56.76	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1549129	48.58	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	592700	53.00	ng		92
67) Hexachlorobenzene	16.68	284	645132	54.08	ng		91
68) Atrazine	16.82	200	612872	50.77	ng		97
69) Pentachlorophenol	17.02	266	409389	52.78	ng		98
70) Phenanthrene	17.41	178	2694091	46.17	ng		99
71) Anthracene	17.51	178	2789328	46.86	ng		97
72) Carbazole	17.77	167	2673128	43.61	ng		96
73) Di-n-butylphthalate	18.32	149	2945735	46.78	ng	#	96
74) Fluoranthene	19.41	202	3127405	45.58	ng		95
76) Benzidine	19.59	184	1755852	40.33	ng		98
77) Pyrene	19.77	202	3188979	43.61	ng		95
79) Butylbenzylphthalate	20.65	149	1437893	49.15	ng	#	84
80) Benzo(a)anthracene	21.59	228	3249068	45.72	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	1382333	47.52	ng	#	99
82) Chrysene	21.67	228	2960559	43.61	ng		97
83) Bis(2-ethylhexyl)phthalate	21.49	149	2027078	45.88	ng		94
84) Di-n-octyl phthalate	22.68	149	3450854	45.76	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.40	276	4266131	50.89	ng	#	95
87) Benzo(b)fluoranthene	23.78	252	3571111	48.30	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3351328	46.74	ng	#	97
89) Benzo(a)pyrene	24.64	252	3425191	48.30	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	3587566	50.06	ng	#	92
91) Benzo(g,h,i)perylene	29.54	276	3539583	49.01	ng	#	88

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

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