Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026011.D
Acq On : 1 Mar 2017 00:24
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 02:14:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	102519	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	521623	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	393990	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	826394	20.00	ng		-0.01
75) Chrysene-d12	21.66	240	796241	20.00	ng		-0.02
86) Perylene-d12	24.86	264	799636	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	488517	82.96	ng		-0.02
7) Phenol-d6	7.22	99	731338	83.93	ng		-0.01
23) Nitrobenzene-d5	9.23	82	702443	84.98	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	315865	86.77	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1731993	76.81	ng		-0.02
78) Terphenyl-d14	20.00	244	2504893	76.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	106412	39.54	ng	#	81
3) Pyridine	3.93	79	319816	39.88	ng	#	71
4) n-Nitrosodimethylamine	3.84	42	112181	38.90	ng	#	45
6) Aniline	7.39	93	491467	40.57	ng	#	91
8) 2-Chlorophenol	7.64	128	291513	41.65	ng		88
9) Benzaldehyde	7.21	77	198070	38.36	ng	#	72
10) Phenol	7.25	94	398887	42.13	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	302595	38.88	ng		89
12) 1,3-Dichlorobenzene	7.96	146	324998	40.17	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	327829	40.00	ng		95
14) 1,2-Dichlorobenzene	8.43	146	321041	39.90	ng		92
15) Benzyl Alcohol	8.31	79	269440	42.23	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.59	45	405066	35.86	ng		90
17) 2-Methylphenol	8.51	107	284287	41.68	ng	#	83
18) Hexachloroethane	9.16	117	110625	40.73	ng		86
19) n-Nitroso-di-n-propylamine	8.88	70	262742	41.28	ng	#	81
20) 3+4-Methylphenols	8.83	107	415383	42.74	ng		88
22) Acetophenone	8.89	105	500985	40.03	ng	#	80
24) Nitrobenzene	9.28	77	375179	41.98	ng	#	79
25) Isophorone	9.79	82	756697	41.60	ng	#	93
26) 2-Nitrophenol	9.99	139	191315	45.77	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	323049	41.41	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	456290	39.58	ng		97
29) 2,4-Dichlorophenol	10.51	162	325834	43.76	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	322611	39.84	ng		98
31) Naphthalene	10.93	128	1082528	40.14	ng		99
32) Benzoic acid	10.17	122	280062	47.02	ng	#	78
33) 4-Chloroaniline	11.02	127	489025	41.75	ng	#	87
34) Hexachlorobutadiene	11.21	225	179971	39.06	ng		99
35) Caprolactam	11.79	113	146414	48.69	ng	#	77
36) 4-Chloro-3-methylphenol	12.14	107	399087	44.80	ng	#	80
37) 2-Methylnaphthalene	12.52	142	852067	41.48	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	387933	39.29	ng		99
40) Hexachlorocyclopentadiene	12.87	237	196782	36.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	276053	43.28	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	314378	43.42	ng		94
45) 1,1'-Biphenyl	13.52	154	1133798	39.71	ng		99
46) 2-Chloronaphthalene	13.56	162	812977	39.39	ng		99
47) 2-Nitroaniline	13.75	65	303738	46.40	ng	#	77
48) Acenaphthylene	14.40	152	1514645	41.21	ng		99
49) Dimethylphthalate	14.13	163	1091279	40.37	ng		98
50) 2,6-Dinitrotoluene	14.25	165	268222	44.18	ng	#	69
51) Acenaphthene	14.75	154	1003226	41.33	ng		99
52) 3-Nitroaniline	14.57	138	303875	44.74	ng	#	77
53) 2,4-Dinitrophenol	14.77	184	149515	47.06	ng		89
54) Dibenzofuran	15.07	168	1307482	40.41	ng		92
55) 4-Nitrophenol	14.87	139	237096	42.90	ng	#	47
56) 2,4-Dinitrotoluene	15.03	165	377745	46.24	ng	#	80
57) Fluorene	15.72	166	1179671	40.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	280395	43.90	ng		98
59) Diethylphthalate	15.49	149	1143764	40.91	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	542741	40.51	ng		95
61) 4-Nitroaniline	15.73	138	308504	43.82	ng	#	56
62) Azobenzene	16.00	77	1002045	41.70	ng		86
64) 4,6-Dinitro-2-methylphenol	15.79	198	217722	45.02	ng		94
65) n-Nitrosodiphenylamine	15.92	169	1024577	40.88	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	358696	41.41	ng		98
67) Hexachlorobenzene	16.73	284	364650	40.85	ng		92
68) Atrazine	16.86	200	361955	40.81	ng		97
69) Pentachlorophenol	17.06	266	231134	41.97	ng		94
70) Phenanthrene	17.45	178	1788918	39.88	ng		99
71) Anthracene	17.54	178	1848144	40.41	ng		100
72) Carbazole	17.81	167	1812165	39.44	ng		98
73) Di-n-butylphthalate	18.36	149	1892957	41.97	ng	#	95
74) Fluoranthene	19.45	202	1926578	39.00	ng		95
76) Benzidine	19.62	184	952954	37.91	ng		97
77) Pyrene	19.81	202	1967027	39.06	ng		99
79) Butylbenzylphthalate	20.69	149	850433	44.50	ng		89
80) Benzo(a)anthracene	21.64	228	1872513	40.28	ng		97
81) 3,3'-Dichlorobenzidine	21.55	252	707143	42.67	ng	#	97
82) Chrysene	21.71	228	1801037	40.29	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1200300	43.50	ng		99
84) Di-n-octyl phthalate	22.75	149	2066727	45.35	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2211302	42.00	ng	#	87
87) Benzo(b)fluoranthene	23.85	252	1894977	39.57	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1916191	41.01	ng	#	93
89) Benzo(a)pyrene	24.71	252	1856732	40.94	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1849721	40.60	ng	#	92
91) Benzo(g,h,i)perylene	29.66	276	1867432	40.88	ng	#	89

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

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