Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027335.D
Acq On : 9 Jun 2017 2:51
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 05:51:37 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	50510	20.00	ng		-0.03
21) Naphthalene-d8	11.38	136	256206	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	156663	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	364054	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	416125	20.00	ng		-0.03
86) Perylene-d12	25.96	264	375865	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	300159	90.68	ng		-0.02
7) Phenol-d6	7.69	99	455902	93.83	ng		-0.01
23) Nitrobenzene-d5	9.72	82	412813	101.33	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	192208	93.17	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	926386	82.72	ng		-0.03
78) Terphenyl-d14	20.47	244	1356891	83.18	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	60580	44.139	ng	#	85
3) Pyridine	4.55	79	194049	45.864	ng	#	77
4) n-Nitrosodimethylamine	4.45	42	74716	47.694	ng	#	47
6) Aniline	7.88	93	271584	44.386	ng		94
8) 2-Chlorophenol	8.12	128	152680	43.683	ng		95
9) Benzaldehyde	7.70	77	149975	44.643	ng		90
10) Phenol	7.72	94	232471	46.786	ng	#	76
11) bis(2-Chloroethyl)ether	7.97	93	182615	44.799	ng		89
12) 1,3-Dichlorobenzene	8.45	146	162021	41.099	ng		95
13) 1,4-Dichlorobenzene	8.59	146	164696	40.707	ng		99
14) 1,2-Dichlorobenzene	8.92	146	161712	40.980	ng		96
15) Benzyl Alcohol	8.78	79	166653	48.680	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.06	45	299082	51.278	ng		93
17) 2-Methylphenol	8.97	107	157051	44.714	ng	#	87
18) Hexachloroethane	9.65	117	61219	44.919	ng	#	83
19) n-Nitroso-di-n-propylamine	9.35	70	166083	48.861	ng	#	87
20) 3+4-Methylphenols	9.30	107	224042	46.048	ng		89
22) Acetophenone	9.38	105	279965	42.729	ng	#	85
24) Nitrobenzene	9.76	77	229232	49.390	ng	#	87
25) Isophorone	10.28	82	432621	45.161	ng	#	97
26) 2-Nitrophenol	10.47	139	90791	47.532	ng	#	81
27) 2,4-Dimethylphenol	10.51	122	177647	43.131	ng		95
28) bis(2-Chloroethoxy)methane	10.75	93	269636	43.470	ng		100
29) 2,4-Dichlorophenol	11.01	162	156841	41.712	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	164591	39.532	ng		97
31) Naphthalene	11.43	128	566196	40.435	ng		99
32) Benzoic acid	10.63	122	132237	46.681	ng	#	90
33) 4-Chloroaniline	11.53	127	240294	41.183	ng	#	91
34) Hexachlorobutadiene	11.70	225	101918	39.830	ng		98
35) Caprolactam	12.30	113	63650	49.357	ng	#	84
36) 4-Chloro-3-methylphenol	12.60	107	211602	44.900	ng		95
37) 2-Methylnaphthalene	12.99	142	406997	39.847	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	200436	41.069	ng		98
40) Hexachlorocyclopentadiene	13.32	237	104868	40.371	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	133822	45.207	ng		93
43) 2,4,5-Trichlorophenol	13.65	196	150747	45.509	ng		96
45) 1,1'-Biphenyl	13.98	154	528394	41.321	ng		97
46) 2-Chloronaphthalene	14.02	162	400518	41.776	ng		97
47) 2-Nitroaniline	14.22	65	153760	55.201	ng		91
48) Acenaphthylene	14.86	152	685141	42.226	ng		98
49) Dimethylphthalate	14.58	163	517298	41.625	ng		97
50) 2,6-Dinitrotoluene	14.70	165	114196	45.555	ng		84
51) Acenaphthene	15.20	154	455005	43.112	ng		99
52) 3-Nitroaniline	15.03	138	121714	46.201	ng		94
53) 2,4-Dinitrophenol	15.23	184	63447	59.369	ng	#	65
54) Dibenzofuran	15.53	168	606351	41.113	ng		93
55) 4-Nitrophenol	15.32	139	100785	45.771	ng	#	59
56) 2,4-Dinitrotoluene	15.48	165	158248	48.849	ng	#	91
57) Fluorene	16.19	166	544380	41.557	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.75	232	131142	44.350	ng		96
59) Diethylphthalate	15.93	149	534174	43.092	ng		98
60) 4-Chlorophenyl-phenylether	16.16	204	270977	41.066	ng		95
61) 4-Nitroaniline	16.20	138	130486	48.608	ng	#	66
62) Azobenzene	16.46	77	550421	47.909	ng		88
64) 4,6-Dinitro-2-methylphenol	16.24	198	92160	54.366	ng		88
65) n-Nitrosodiphenylamine	16.38	169	461795	40.461	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	174342	40.462	ng		95
67) Hexachlorobenzene	17.19	284	189489	40.886	ng		90
68) Atrazine	17.31	200	164128	43.003	ng		98
69) Pentachlorophenol	17.52	266	118024	43.445	ng		98
70) Phenanthrene	17.93	178	827551	40.403	ng		95
71) Anthracene	18.02	178	839520	40.912	ng		99
72) Carbazole	18.29	167	812965	42.005	ng		96
73) Di-n-butylphthalate	18.81	149	890841	47.468	ng	#	94
74) Fluoranthene	19.92	202	954409	43.617	ng		93
76) Benzidine	20.09	184	581133	46.360	ng		98
77) Pyrene	20.29	202	979200	38.946	ng		97
79) Butylbenzylphthalate	21.17	149	396280	44.606	ng		96
80) Benzo(a)anthracene	22.25	228	981868	41.375	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	381858	41.362	ng	#	98
82) Chrysene	22.33	228	924841	40.592	ng		97
83) Bis(2-ethylhexyl)phthalate	22.11	149	578883	43.117	ng		100
84) Di-n-octyl phthalate	23.49	149	980310	44.087	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.22	276	1129528	40.936	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	1005003	43.113	ng	#	96
88) Benzo(k)fluoranthene	24.86	252	970481	42.437	ng	#	94
89) Benzo(a)pyrene	25.79	252	934952	42.606	ng	#	93
90) Dibenzo(a,h)anthracene	30.30	278	989056	43.056	ng	#	94
91) Benzo(g,h,i)perylene	31.55	276	944143	42.440	ng	#	91

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

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