Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029338.D
Acq On : 18 Oct 2017 19:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 19 00:09:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59577	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	273533	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	169661	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	389771	20.00	ng		0.00
75) Chrysene-d12	21.80	240	433198	20.00	ng		0.00
86) Perylene-d12	25.10	264	459934	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	318404	89.28	ng		0.00
7) Phenol-d6	7.32	99	438312	87.56	ng		0.00
23) Nitrobenzene-d5	9.33	82	380063	88.30	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	212564	97.04	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	988010	85.41	ng		0.00
78) Terphenyl-d14	20.12	244	1598737	83.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	65745	45.436	ng		87
3) Pyridine	3.99	79	197036	46.760	ng		93
4) n-Nitrosodimethylamine	3.90	42	89014	45.192	ng	#	94
6) Aniline	7.49	93	266929	43.062	ng		94
8) 2-Chlorophenol	7.74	128	175444	42.919	ng		92
9) Benzaldehyde	7.30	77	105303	41.823	ng		93
10) Phenol	7.35	94	233477	43.262	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	174471	44.372	ng		92
12) 1,3-Dichlorobenzene	8.06	146	194631	42.409	ng		98
13) 1,4-Dichlorobenzene	8.21	146	198166	42.292	ng		94
14) 1,2-Dichlorobenzene	8.53	146	188320	41.668	ng		96
15) Benzyl Alcohol	8.41	79	158730	44.995	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	285547	42.762	ng		95
17) 2-Methylphenol	8.61	107	153347	42.774	ng		95
18) Hexachloroethane	9.26	117	68364	42.813	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	151451	44.496	ng	#	95
20) 3+4-Methylphenols	8.94	107	222527	44.052	ng		96
22) Acetophenone	8.99	105	286386	43.444	ng	#	95
24) Nitrobenzene	9.38	77	211660	43.734	ng		93
25) Isophorone	9.90	82	412265	45.879	ng		95
26) 2-Nitrophenol	10.09	139	109503	47.340	ng		90
27) 2,4-Dimethylphenol	10.15	122	184341	44.047	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	247731	44.960	ng		96
29) 2,4-Dichlorophenol	10.63	162	192167	43.059	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	205667	42.657	ng		96
31) Naphthalene	11.04	128	572978	42.031	ng		97
32) Benzoic acid	10.30	122	118887	33.927	ng	#	82
33) 4-Chloroaniline	11.14	127	252228	43.985	ng		96
34) Hexachlorobutadiene	11.32	225	129922	43.340	ng		96
35) Caprolactam	11.94	113	74819	50.444	ng	#	83
36) 4-Chloro-3-methylphenol	12.25	107	220612	44.946	ng	#	86
37) 2-Methylnaphthalene	12.63	142	417891	42.060	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	265003	42.781	ng		98
40) Hexachlorocyclopentadiene	12.97	237	130308	56.957	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	182485	46.929 ng		98
43) 2,4,5-Trichlorophenol	13.30	196	187538	46.961 ng		96
45) 1,1'-Biphenyl	13.62	154	620936	42.579 ng		97
46) 2-Chloronaphthalene	13.67	162	443710	41.714 ng		97
47) 2-Nitroaniline	13.86	65	137428	47.037 ng		91
48) Acenaphthylene	14.51	152	705881	42.402 ng		99
49) Dimethylphthalate	14.23	163	592666	44.772 ng		100
50) 2,6-Dinitrotoluene	14.36	165	132860	47.878 ng	#	77
51) Acenaphthene	14.85	154	472462	43.620 ng		99
52) 3-Nitroaniline	14.69	138	141379	47.215 ng	#	84
53) 2,4-Dinitrophenol	14.89	184	76899	52.784 ng	#	54
54) Dibenzofuran	15.18	168	662421	42.840 ng		99
55) 4-Nitrophenol	14.99	139	121501	49.218 ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	184584	49.137 ng	#	80
57) Fluorene	15.83	166	552143	43.225 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	161471	48.464 ng		96
59) Diethylphthalate	15.59	149	597891	45.321 ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	301055	44.205 ng		97
61) 4-Nitroaniline	15.84	138	148802	48.395 ng		84
62) Azobenzene	16.11	77	488316	43.895 ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	115268	51.587 ng		88
65) n-Nitrosodiphenylamine	16.03	169	513422	43.973 ng		99
66) 4-Bromophenyl-phenylether	16.71	248	199583	44.624 ng		98
67) Hexachlorobenzene	16.84	284	222394	43.898 ng		93
68) Atrazine	16.97	200	194173	46.608 ng		99
69) Pentachlorophenol	17.17	266	147358	50.634 ng		99
70) Phenanthrene	17.57	178	843262	41.879 ng		98
71) Anthracene	17.66	178	867335	42.897 ng		99
72) Carbazole	17.92	167	851565	43.844 ng		99
73) Di-n-butylphthalate	18.47	149	994061	44.500 ng		99
74) Fluoranthene	19.56	202	1033667	43.890 ng		98
76) Benzidine	19.73	184	424022	32.418 ng		98
77) Pyrene	19.92	202	1071816	40.787 ng		97
79) Butylbenzylphthalate	20.79	149	481527	43.010 ng		91
80) Benzo(a)anthracene	21.78	228	1084702	42.648 ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	447023	42.582 ng		98
82) Chrysene	21.84	228	1043897	42.857 ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	685438	42.660 ng		99
84) Di-n-octyl phthalate	22.91	149	1184341	42.293 ng		99
85) Indeno(1,2,3-cd)pyrene	28.89	276	1364244	45.526 ng	#	94
87) Benzo(b)fluoranthene	24.05	252	1120987	42.572 ng		99
88) Benzo(k)fluoranthene	24.12	252	1100911	41.967 ng		97
89) Benzo(a)pyrene	24.95	252	1080842	42.698 ng		98
90) Dibenzo(a,h)anthracene	28.96	278	1133855	44.243 ng		98
91) Benzo(g,h,i)perylene	30.08	276	1112062	46.702 ng		97

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

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