Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034114.D
Acq On : 2 May 2018 13:44
Operator : SJ/JU
Sample : J2616-12
Misc : 8PPM MDL
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROBEL-2

Quant Time: May 02 14:44:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	71458	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	277425	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	200656	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	569637	20.00	ng	0.00
75) Chrysene-d12	21.76	240	695938	20.00	ng	0.00
86) Perylene-d12	25.05	264	671703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	635796	143.75	ng	0.00
7) Phenol-d6	7.22	99	838490	121.77	ng	0.00
23) Nitrobenzene-d5	9.23	82	737920	102.05	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	444630	160.03	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1460598	106.07	ng	0.00
78) Terphenyl-d14	20.09	244	2965705	93.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	56	0.030	ng	# 1
3) Pyridine	3.97	79	184	0.032	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	1027	0.323	ng	# 1
6) Aniline	7.40	93	2479	0.265	ng	# 66
8) 2-Chlorophenol	7.64	128	252	0.057	ng	# 31
10) Phenol	7.24	94	245	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	170	0.031	ng	# 16
12) 1,3-Dichlorobenzene	7.95	146	74	0.013	ng	# 1
13) 1,4-Dichlorobenzene	8.06	146	129	0.023	ng	# 1
14) 1,2-Dichlorobenzene	8.42	146	73	0.014	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.63	45	481	0.064	ng	75
17) 2-Methylphenol	8.52	107	83	0.018	ng	# 21
18) Hexachloroethane	9.26	117	134	0.057	ng	# 34
20) 3+4-Methylphenols	8.86	107	61	0.009	ng	# 24
22) Acetophenone	8.89	105	1346	0.142	ng	# 72
24) Nitrobenzene	9.29	77	195	0.025	ng	# 48
25) Isophorone	9.82	82	186	0.013	ng	# 1
26) 2-Nitrophenol	10.01	139	76	0.035	ng	# 29
27) 2,4-Dimethylphenol	10.10	122	127	0.030	ng	# 1
28) bis(2-Chloroethoxy)methane	10.30	93	69	0.010	ng	# 51
29) 2,4-Dichlorophenol	10.61	162	73	0.014	ng	# 7
30) 1,2,4-Trichlorobenzene	10.77	180	70	0.011	ng	# 12
31) Naphthalene	10.94	128	28186	1.933	ng	# 88
33) 4-Chloroaniline	11.04	127	737	0.112	ng	# 47
34) Hexachlorobutadiene	11.20	225	67	0.013	ng	# 20
35) Caprolactam	11.80	113	88	0.049	ng	# 1
36) 4-Chloro-3-methylphenol	12.11	107	109	0.017	ng	# 3
37) 2-Methylnaphthalene	12.54	142	4923	0.416	ng	# 71
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	96	0.012	ng	# 1
40) Hexachlorocyclopentadiene	12.86	237	82	0.018	ng	# 22
42) 2,4,6-Trichlorophenol	13.05	196	94	0.021	ng	# 11
43) 2,4,5-Trichlorophenol	13.28	196	180	0.036	ng	# 17
45) 1,1'-Biphenyl	13.55	154	4736	0.302	ng	85
46) 2-Chloronaphthalene	13.62	162	82	0.007	ng	# 39

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034114.D
Acq On : 2 May 2018 13:44
Operator : SJ/JU
Sample : J2616-12
Misc : 8PPM MDL
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROBEL-2

Quant Time: May 02 14:44:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.82	65	186	0.039	ng	#	1
48) Acenaphthylene	14.44	152	1219	0.064	ng	#	59
49) Dimethylphthalate	14.11	163	255	0.015	ng	#	77
51) Acenaphthene	14.78	154	4089	0.318	ng		87
52) 3-Nitroaniline	14.59	138	105	0.031	ng	#	1
53) 2,4-Dinitrophenol	14.80	184	60	0.046	ng	#	61
54) Dibenzofuran	15.12	168	4527	0.242	ng	#	84
55) 4-Nitrophenol	14.96	139	62	0.024	ng	#	1
57) Fluorene	15.77	166	3316	0.204	ng	#	71
58) 2,3,4,6-Tetrachlorophenol	15.33	232	57	0.011	ng	#	40
59) Diethylphthalate	15.53	149	557	0.030	ng	#	1
60) 4-Chlorophenyl-phenylether	15.73	204	121	0.012	ng	#	30
61) 4-Nitroaniline	15.75	138	118	0.033	ng		92
62) Azobenzene	16.06	77	128	0.006	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.80	198	77	0.029	ng	#	29
65) n-Nitrosodiphenylamine	16.20	169	20469	1.318	ng	#	37
67) Hexachlorobenzene	16.77	284	86	0.012	ng	#	41
68) Atrazine	16.94	200	81	0.926	ng	#	35
69) Pentachlorophenol	17.12	266	168	0.034	ng	#	19
70) Phenanthrene	17.51	178	8681	0.297	ng	#	82
71) Anthracene	17.60	178	1264	0.043	ng	#	66
72) Carbazole	17.86	167	650	0.024	ng	#	59
73) Di-n-butylphthalate	18.43	149	2498	0.076	ng	#	56
74) Fluoranthene	19.52	202	2156	0.058	ng		86
76) Benzidine	19.70	184	222211	12.396	ng		98
77) Pyrene	19.87	202	1258	0.029	ng	#	57
79) Butylbenzylphthalate	20.78	149	459	0.027	ng	#	59
80) Benzo(a)anthracene	21.75	228	2877	0.065	ng	#	67
81) 3,3'-Dichlorobenzidine	21.64	252	346	0.021	ng	#	68
82) Chrysene	21.75	228	2877	0.067	ng	#	62
83) Bis(2-ethylhexyl)phthalate	21.67	149	2088	0.089	ng	#	79
84) Di-n-octyl phthalate	22.91	149	546	0.015	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.79	276	73	0.002	ng	#	1
87) Benzo(b)fluoranthene	24.01	252	178	0.004	ng	#	59
88) Benzo(k)fluoranthene	24.08	252	106	0.003	ng	#	16
89) Benzo(a)pyrene	24.91	252	123	0.003	ng	#	59
90) Dibenzo(a,h)anthracene	28.90	278	170	0.005	ng	#	58
91) Benzo(g,h,i)perylene	29.94	276	167	0.005	ng	#	56

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034114.D
Acq On : 2 May 2018 13:44
Operator : SJ/JU
Sample : J2616-12
Misc : 8PPM MDL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROBEL-2

Quant Time: May 02 14:44:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration