Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022604.D
Acq On : 26 Jun 2016 10:45
Operator : UM/SJ
Sample : H3701-08MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP-B2DMSD

Quant Time: Jun 27 01:44:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	136735	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	587830	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	429404	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1069784	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1146516	20.00	ng		0.00
86) Perylene-d12	25.21	264	1213134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1291922	151.55	ng		0.00
7) Phenol-d6	7.31	99	1910974	159.03	ng		0.00
23) Nitrobenzene-d5	9.34	82	1358807	97.83	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	1065243	157.72	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2420929	89.41	ng		0.00
78) Terphenyl-d14	20.16	244	3361891	77.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	130538	37.78	ng		96
3) Pyridine	3.99	79	431450	44.64	ng		97
4) n-Nitrosodimethylamine	3.90	42	242551	43.88	ng		96
6) Aniline	7.48	93	712039	44.69	ng		98
8) 2-Chlorophenol	7.73	128	485999	55.04	ng		96
10) Phenol	7.34	94	748724	58.96	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	503918	48.20	ng		95
12) 1,3-Dichlorobenzene	8.05	146	507418	47.22	ng		96
13) 1,4-Dichlorobenzene	8.20	146	505071	46.88	ng		97
14) 1,2-Dichlorobenzene	8.52	146	495057	48.32	ng		96
15) Benzyl Alcohol	8.40	79	644422	57.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	573360	49.59	ng		98
17) 2-Methylphenol	8.60	107	461836	55.17	ng		94
18) Hexachloroethane	9.26	117	210027	47.10	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	526538	52.62	ng		97
20) 3+4-Methylphenols	8.93	107	651237	56.48	ng		94
22) Acetophenone	8.99	105	858770	50.53	ng	#	95
24) Nitrobenzene	9.38	77	763127	49.71	ng		95
25) Isophorone	9.90	82	1335239	49.53	ng		97
26) 2-Nitrophenol	10.09	139	298952	54.07	ng		92
27) 2,4-Dimethylphenol	10.14	122	492279	46.60	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	754548	51.26	ng		99
29) 2,4-Dichlorophenol	10.62	162	571034	55.48	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	590657	48.33	ng		99
31) Naphthalene	11.04	128	1433366	48.51	ng		100
32) Benzoic acid	10.26	122	264932	39.39	ng		94
33) 4-Chloroaniline	11.14	127	313537	24.63	ng		95
34) Hexachlorobutadiene	11.32	225	450863	47.47	ng		97
35) Caprolactam	11.93	113	204783m	63.16	ng		
36) 4-Chloro-3-methylphenol	12.25	107	705017	55.80	ng		96
37) 2-Methylnaphthalene	12.63	142	1110823	48.48	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	750402	46.29	ng		98
40) Hexachlorocyclopentadiene	12.97	237	1011548	78.16	ng		97
42) 2,4,6-Trichlorophenol	13.23	196	545411	52.47	ng		89

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022604.D
Acq On : 26 Jun 2016 10:45
Operator : UM/SJ
Sample : H3701-08MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP-B2DMSD

Quant Time: Jun 27 01:44:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	587131	53.98	ng		95
45) 1,1'-Biphenyl	13.63	154	1534154	46.90	ng		94
46) 2-Chloronaphthalene	13.68	162	1255858	46.66	ng		97
47) 2-Nitroaniline	13.88	65	561184	54.02	ng		94
48) Acenaphthylene	14.53	152	1864504	47.76	ng		96
49) Dimethylphthalate	14.25	163	2024959	56.85	ng	#	93
50) 2,6-Dinitrotoluene	14.37	165	409946	52.96	ng		88
51) Acenaphthene	14.87	154	1265678	44.01	ng		99
52) 3-Nitroaniline	14.70	138	308768	42.63	ng		89
53) 2,4-Dinitrophenol	14.90	184	513260	107.66	ng		96
54) Dibenzofuran	15.20	168	1944442	46.68	ng		97
55) 4-Nitrophenol	15.00	139	673900	110.03	ng		97
56) 2,4-Dinitrotoluene	15.15	165	599922	55.95	ng		97
57) Fluorene	15.85	166	1589203	47.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	604933	53.64	ng		99
59) Diethylphthalate	15.61	149	1769798	48.33	ng		95
60) 4-Chlorophenyl-phenylether	15.84	204	951948	48.10	ng		97
61) 4-Nitroaniline	15.87	138	398420	53.31	ng		89
62) Azobenzene	16.13	77	1787025	45.06	ng		95
64) 4,6-Dinitro-2-methylphenol	15.92	198	402760	56.14	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1532309	49.22	ng		93
66) 4-Bromophenyl-phenylether	16.74	248	670741	48.33	ng		97
67) Hexachlorobenzene	16.85	284	699444	47.66	ng		97
68) Atrazine	17.01	200	676422	51.46	ng		97
69) Pentachlorophenol	17.20	266	1022193	101.22	ng		99
70) Phenanthrene	17.60	178	2479117	45.44	ng	#	93
71) Anthracene	17.69	178	2492977	44.40	ng		93
72) Carbazole	17.96	167	2277162	47.84	ng		95
73) Di-n-butylphthalate	18.51	149	2530667	45.66	ng		96
74) Fluoranthene	19.60	202	2798398	44.52	ng		94
76) Benzidine	19.78	184	1341063	109.86	ng		99
77) Pyrene	19.97	202	2796084	45.79	ng		92
79) Butylbenzylphthalate	20.84	149	1268418	47.98	ng		98
80) Benzo(a)anthracene	21.83	228	2997679	47.25	ng		94
81) 3,3'-Dichlorobenzidine	21.74	252	858226	32.75	ng		96
82) Chrysene	21.90	228	2846820	47.75	ng	#	92
83) Bis(2-ethylhexyl)phthalate	21.72	149	1802689	48.43	ng		95
84) Di-n-octyl phthalate	22.99	149	2902082	47.30	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3928979	50.15	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3471898m	47.60	ng		
88) Benzo(k)fluoranthene	24.21	252	3180862	46.13	ng	#	95
89) Benzo(a)pyrene	25.05	252	3339101	46.95	ng	#	95
90) Dibenzo(a,h)anthracene	29.14	278	3257589	48.66	ng	#	96
91) Benzo(g,h,i)perylene	30.28	276	3278106	48.10	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022604.D
Acq On : 26 Jun 2016 10:45
Operator : UM/SJ
Sample : H3701-08MSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2DMSD

Quant Time: Jun 27 01:44:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration