Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022603.D
Acq On : 26 Jun 2016 10:05
Operator : UM/SJ
Sample : H3701-08MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP-B2DMS

Quant Time: Jun 27 01:42:46 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	125264	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	524147	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	402119	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	987827	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1133018	20.00	ng		0.00
86) Perylene-d12	25.21	264	1183491	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1137930	145.71	ng		0.00
7) Phenol-d6	7.31	99	1720247	156.27	ng		0.00
23) Nitrobenzene-d5	9.34	82	1242705	100.35	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	1013852	160.30	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2258344	89.06	ng		0.00
78) Terphenyl-d14	20.16	244	3288394	76.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	107955	34.11	ng		95
3) Pyridine	3.99	79	364270	41.14	ng		96
4) n-Nitrosodimethylamine	3.90	42	212772	42.01	ng		92
6) Aniline	7.49	93	663651	45.47	ng		96
8) 2-Chlorophenol	7.72	128	422132	52.18	ng		99
10) Phenol	7.34	94	661139	56.83	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	461741	48.21	ng		98
12) 1,3-Dichlorobenzene	8.06	146	442233	44.92	ng		95
13) 1,4-Dichlorobenzene	8.20	146	446967	45.29	ng		95
14) 1,2-Dichlorobenzene	8.52	146	436126	46.47	ng		94
15) Benzyl Alcohol	8.40	79	574773	56.43	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	511057	48.25	ng		98
17) 2-Methylphenol	8.60	107	427058	55.69	ng		94
18) Hexachloroethane	9.26	117	184280	45.11	ng		89
19) n-Nitroso-di-n-propylamine	8.97	70	475806	51.90	ng		96
20) 3+4-Methylphenols	8.93	107	582475	55.14	ng		96
22) Acetophenone	8.99	105	781358	51.57	ng	#	92
24) Nitrobenzene	9.38	77	685745	50.10	ng		92
25) Isophorone	9.90	82	1218807	50.70	ng		97
26) 2-Nitrophenol	10.10	139	272504	55.27	ng		89
27) 2,4-Dimethylphenol	10.14	122	448418	47.60	ng		100
28) bis(2-Chloroethoxy)methane	10.38	93	676729	51.56	ng		98
29) 2,4-Dichlorophenol	10.63	162	530725	57.83	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	524739	48.15	ng		97
31) Naphthalene	11.04	128	1291887	49.03	ng		99
32) Benzoic acid	10.24	122	160810	28.45	ng		93
33) 4-Chloroaniline	11.14	127	376648	33.19	ng		97
34) Hexachlorobutadiene	11.32	225	403329	47.62	ng		93
35) Caprolactam	11.93	113	180241m	62.35	ng		
36) 4-Chloro-3-methylphenol	12.25	107	650859	57.77	ng		96
37) 2-Methylnaphthalene	12.64	142	1033510	50.58	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	681865	44.92	ng		98
40) Hexachlorocyclopentadiene	12.97	237	942420	77.76	ng		98
42) 2,4,6-Trichlorophenol	13.23	196	509074	52.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	537176	52.74	ng		95
45) 1,1'-Biphenyl	13.63	154	1416048	46.23	ng		95
46) 2-Chloronaphthalene	13.68	162	1166320	46.27	ng		96
47) 2-Nitroaniline	13.88	65	519889	53.44	ng		95
48) Acenaphthylene	14.53	152	1734364	47.44	ng		98
49) Dimethylphthalate	14.25	163	1944134	58.28	ng	#	94
50) 2,6-Dinitrotoluene	14.37	165	384647	53.06	ng		82
51) Acenaphthene	14.87	154	1184157	43.97	ng		98
52) 3-Nitroaniline	14.70	138	306100	45.13	ng		92
53) 2,4-Dinitrophenol	14.90	184	438601	98.24	ng		99
54) Dibenzofuran	15.20	168	1830813	46.93	ng		97
55) 4-Nitrophenol	15.00	139	637659	111.18	ng		96
56) 2,4-Dinitrotoluene	15.15	165	560419	55.81	ng		97
57) Fluorene	15.85	166	1514150	48.64	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	567286	53.72	ng		98
59) Diethylphthalate	15.61	149	1664982	48.55	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	902513	48.70	ng		98
61) 4-Nitroaniline	15.87	138	381304	54.49	ng		92
62) Azobenzene	16.13	77	1698545	45.74	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	378801	57.18	ng		99
65) n-Nitrosodiphenylamine	16.05	169	1438012	50.02	ng		94
66) 4-Bromophenyl-phenylether	16.73	248	634662	49.52	ng		98
67) Hexachlorobenzene	16.85	284	682838	50.39	ng		98
68) Atrazine	17.00	200	645277	53.17	ng		99
69) Pentachlorophenol	17.20	266	966842	103.68	ng		94
70) Phenanthrene	17.60	178	2388219m	47.41	ng		
71) Anthracene	17.69	178	2422752	46.73	ng		95
72) Carbazole	17.96	167	2211688	50.32	ng		96
73) Di-n-butylphthalate	18.51	149	2410759	47.10	ng		95
74) Fluoranthene	19.60	202	2779219	47.89	ng		94
76) Benzidine	19.78	184	1599842	132.63	ng		97
77) Pyrene	19.97	202	2765814	45.83	ng	#	92
79) Butylbenzylphthalate	20.84	149	1283303	49.13	ng		98
80) Benzo(a)anthracene	21.83	228	3065484	48.90	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	892309	34.46	ng		98
82) Chrysene	21.91	228	2832216	48.07	ng		90
83) Bis(2-ethylhexyl)phthalate	21.72	149	1747600	47.51	ng		97
84) Di-n-octyl phthalate	22.99	149	2900930	47.85	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3949527	51.01	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3424686	48.12	ng	#	94
88) Benzo(k)fluoranthene	24.21	252	3201891	47.59	ng	#	95
89) Benzo(a)pyrene	25.06	252	3342622	48.18	ng	#	96
90) Dibenzo(a,h)anthracene	29.14	278	3244074	49.67	ng	#	94
91) Benzo(g,h,i)perylene	30.29	276	3284156	49.40	ng	#	95

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

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