Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022682.D
Acq On : 28 Jun 2016 19:06
Operator : UM/SJ
Sample : PB91516BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91516BS

Quant Time: Jun 29 04:11:29 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	129078	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	535752	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	388104	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1030688	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1193838	20.00	ng		0.00
86) Perylene-d12	25.21	264	1167023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1091948	135.69	ng		0.00
7) Phenol-d6	7.31	99	1606605	141.63	ng		0.00
23) Nitrobenzene-d5	9.33	82	1096990	86.66	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	887646	145.41	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2107432	86.11	ng		0.00
78) Terphenyl-d14	20.15	244	3306451	73.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	104152	31.93	ng	#	94
3) Pyridine	3.98	79	352564	38.64	ng		94
4) n-Nitrosodimethylamine	3.89	42	189495	36.31	ng		96
6) Aniline	7.48	93	406775	27.05	ng		98
8) 2-Chlorophenol	7.72	128	377017	45.23	ng		99
10) Phenol	7.33	94	574039	47.88	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	402745	40.81	ng		97
12) 1,3-Dichlorobenzene	8.05	146	401163	39.55	ng		96
13) 1,4-Dichlorobenzene	8.20	146	413535	40.66	ng		94
14) 1,2-Dichlorobenzene	8.52	146	393608	40.70	ng		97
15) Benzyl Alcohol	8.40	79	486029	46.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	444705	40.74	ng		95
17) 2-Methylphenol	8.60	107	364568	46.13	ng		95
18) Hexachloroethane	9.25	117	164212	39.01	ng	#	83
19) n-Nitroso-di-n-propylamine	8.97	70	382919	40.53	ng		95
20) 3+4-Methylphenols	8.93	107	501637	46.08	ng		95
22) Acetophenone	8.99	105	664761	42.92	ng	#	90
24) Nitrobenzene	9.38	77	577089	41.25	ng		92
25) Isophorone	9.89	82	1012309	41.20	ng		98
26) 2-Nitrophenol	10.09	139	228163	45.28	ng		89
27) 2,4-Dimethylphenol	10.14	122	406740	42.24	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	575158	42.87	ng		97
29) 2,4-Dichlorophenol	10.62	162	439811	46.89	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	472886	42.46	ng		96
31) Naphthalene	11.03	128	1124949	41.77	ng		98
32) Benzoic acid	10.27	122	304461	48.33	ng		92
33) 4-Chloroaniline	11.14	127	121896	10.51	ng		94
34) Hexachlorobutadiene	11.32	225	351787	40.64	ng		96
35) Caprolactam	11.91	113	157746m	53.38	ng		
36) 4-Chloro-3-methylphenol	12.25	107	557166	48.39	ng		99
37) 2-Methylnaphthalene	12.63	142	854848	40.93	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	606848	41.42	ng		99
40) Hexachlorocyclopentadiene	12.97	237	826272	70.64	ng		99
42) 2,4,6-Trichlorophenol	13.23	196	425488	45.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	461941	46.99	ng		94
45) 1,1'-Biphenyl	13.63	154	1219803	41.26	ng		98
46) 2-Chloronaphthalene	13.68	162	1022452	42.03	ng		97
47) 2-Nitroaniline	13.88	65	424568	45.22	ng		94
48) Acenaphthylene	14.52	152	1502172	42.57	ng		98
49) Dimethylphthalate	14.24	163	1348784	41.89	ng		97
50) 2,6-Dinitrotoluene	14.37	165	323220	46.20	ng		83
51) Acenaphthene	14.86	154	968837	37.27	ng		99
52) 3-Nitroaniline	14.70	138	178783	27.31	ng		90
53) 2,4-Dinitrophenol	14.90	184	450081	104.45	ng		97
54) Dibenzofuran	15.19	168	1598362	42.45	ng		99
55) 4-Nitrophenol	15.00	139	534168	96.50	ng		97
56) 2,4-Dinitrotoluene	15.15	165	473818	48.89	ng		92
57) Fluorene	15.85	166	1321340	43.98	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	485105m	47.59	ng		
59) Diethylphthalate	15.61	149	1406031	42.48	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	775984	43.38	ng		96
61) 4-Nitroaniline	15.87	138	321898	47.66	ng	#	84
62) Azobenzene	16.13	77	1460446	40.74	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	336306	48.65	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1260236	42.02	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	553965	41.43	ng		98
67) Hexachlorobenzene	16.85	284	583638	41.28	ng		97
68) Atrazine	17.00	200	526986	41.61	ng		98
69) Pentachlorophenol	17.20	266	843868	86.73	ng		98
70) Phenanthrene	17.60	178	2185805	41.59	ng		96
71) Anthracene	17.69	178	2202840	40.72	ng		96
72) Carbazole	17.96	167	2012609	43.89	ng		99
73) Di-n-butylphthalate	18.51	149	2316272	43.38	ng		98
74) Fluoranthene	19.60	202	2652422	43.80	ng		96
76) Benzidine	19.78	184	1293296	101.75	ng		100
77) Pyrene	19.97	202	2656371	41.78	ng		94
79) Butylbenzylphthalate	20.84	149	1177821	42.79	ng		93
80) Benzo(a)anthracene	21.83	228	2884473	43.66	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	664555	24.36	ng		95
82) Chrysene	21.90	228	2691529	43.36	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1578439	40.73	ng		97
84) Di-n-octyl phthalate	22.98	149	2613423	40.91	ng		98
85) Indeno(1,2,3-cd)pyrene	29.06	276	3447545	42.26	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3218104	45.86	ng		98
88) Benzo(k)fluoranthene	24.21	252	2932761	44.21	ng	#	96
89) Benzo(a)pyrene	25.05	252	3030120	44.29	ng	#	97
90) Dibenzo(a,h)anthracene	29.13	278	2858046	44.38	ng	#	95
91) Benzo(g,h,i)perylene	30.27	276	2801209	42.73	ng		99

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

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