Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024151.D
Acq On : 28 Sep 2016 18:52
Operator : UM/SJ
Sample : PB93653BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93653BSD

Quant Time: Sep 29 01:16:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55169	20.00	ng		0.03
21) Naphthalene-d8	10.89	136	254067	20.00	ng		0.01
38) Acenaphthene-d10	14.73	164	208905	20.00	ng		0.01
63) Phenanthrene-d10	17.49	188	462321	20.00	ng		0.00
75) Chrysene-d12	21.80	240	477428	20.00	ng		0.00
86) Perylene-d12	25.14	264	470256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	273533	85.90	ng		0.02
7) Phenol-d6	7.23	99	415564	77.56	ng		0.03
23) Nitrobenzene-d5	9.24	82	457635	70.99	ng		0.02
41) 2,4,6-Tribromophenol	16.23	330	185413	61.75	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	928011	74.67	ng		0.01
78) Terphenyl-d14	20.10	244	1498105	64.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	43506	35.70	ng	#	93
3) Pyridine	3.85	79	142422	33.06	ng		97
4) n-Nitrosodimethylamine	3.77	42	73838	33.82	ng	#	86
6) Aniline	7.39	93	124020	16.48	ng		94
8) 2-Chlorophenol	7.63	128	153678	40.31	ng		94
9) Benzaldehyde	7.20	77	110517	37.88	ng		95
10) Phenol	7.26	94	234635	41.65	ng		92
11) bis(2-Chloroethyl)ether	7.48	93	160473	36.12	ng		87
12) 1,3-Dichlorobenzene	7.95	146	159385	37.49	ng		95
13) 1,4-Dichlorobenzene	8.10	146	159507	36.77	ng		97
14) 1,2-Dichlorobenzene	8.42	146	160078	37.91	ng		91
15) Benzyl Alcohol	8.32	79	187019	36.06	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	219235	35.74	ng		95
17) 2-Methylphenol	8.52	107	153729	41.05	ng		94
18) Hexachloroethane	9.14	117	65238	35.69	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	173430	32.95	ng		95
20) 3+4-Methylphenols	8.86	107	213524	39.26	ng		89
22) Acetophenone	8.90	105	275615	37.60	ng	#	97
24) Nitrobenzene	9.29	77	254006	36.76	ng	#	89
25) Isophorone	9.80	82	455146	34.62	ng		96
26) 2-Nitrophenol	10.01	139	94235	38.45	ng	#	82
27) 2,4-Dimethylphenol	10.07	122	165093	40.28	ng		94
28) bis(2-Chloroethoxy)methane	10.29	93	242049	37.86	ng		100
29) 2,4-Dichlorophenol	10.56	162	181733	42.60	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	173341	37.97	ng		98
31) Naphthalene	10.94	128	505599	39.28	ng		99
32) Benzoic acid	10.24	122	75967	26.13	ng		94
33) 4-Chloroaniline	11.08	127	45836	7.98	ng		97
34) Hexachlorobutadiene	11.21	225	123194	34.28	ng		96
35) Caprolactam	11.85	113	64937m	37.43	ng		
36) 4-Chloro-3-methylphenol	12.20	107	233356	38.88	ng		97
37) 2-Methylnaphthalene	12.55	142	393155	39.89	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	221960	36.39	ng		99
40) Hexachlorocyclopentadiene	12.89	237	204834	72.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	155471	39.42	ng		94
43) 2,4,5-Trichlorophenol	13.26	196	161962	39.91	ng		90
45) 1,1'-Biphenyl	13.56	154	548035	38.36	ng		96
46) 2-Chloronaphthalene	13.60	162	425795	39.92	ng		98
47) 2-Nitroaniline	13.83	65	187539	37.79	ng		98
48) Acenaphthylene	14.45	152	696403	38.46	ng		98
49) Dimethylphthalate	14.18	163	618865	38.62	ng		97
50) 2,6-Dinitrotoluene	14.31	165	134930	40.08	ng		98
51) Acenaphthene	14.80	154	433950	39.51	ng		98
52) 3-Nitroaniline	14.66	138	50345	14.97	ng		90
53) 2,4-Dinitrophenol	14.88	184	128321	57.50	ng		94
54) Dibenzofuran	15.13	168	720235	42.12	ng		97
55) 4-Nitrophenol	14.99	139	169308	64.52	ng		92
56) 2,4-Dinitrotoluene	15.11	165	200211	39.08	ng		90
57) Fluorene	15.78	166	590710	39.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	165072	42.12	ng		93
59) Diethylphthalate	15.54	149	662992	38.41	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	306602	38.45	ng		98
61) 4-Nitroaniline	15.83	138	132419	38.02	ng	#	73
62) Azobenzene	16.06	77	747548	42.63	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	112798	35.13	ng		93
65) n-Nitrosodiphenylamine	15.99	169	532975	42.14	ng		92
66) 4-Bromophenyl-phenylether	16.66	248	213931	39.89	ng		99
67) Hexachlorobenzene	16.79	284	218941	36.24	ng		95
68) Atrazine	16.94	200	227645	40.77	ng		95
69) Pentachlorophenol	17.15	266	190716	61.75	ng		98
70) Phenanthrene	17.53	178	1002486	42.57	ng		98
71) Anthracene	17.63	178	1015949	42.00	ng		97
72) Carbazole	17.90	167	911943	40.50	ng		98
73) Di-n-butylphthalate	18.44	149	1123437	38.12	ng		96
74) Fluoranthene	19.55	202	1190664	38.73	ng		94
76) Benzidine	19.74	184	276434	20.45	ng		99
77) Pyrene	19.91	202	1188106	35.64	ng		95
79) Butylbenzylphthalate	20.78	149	475117	38.70	ng		97
80) Benzo(a)anthracene	21.78	228	1107497	40.75	ng		94
81) 3,3'-Dichlorobenzidine	21.69	252	199604	20.49	ng	#	94
82) Chrysene	21.84	228	1040501	40.73	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	665803	45.40	ng	#	96
84) Di-n-octyl phthalate	22.89	149	1169206	46.20	ng		97
85) Indeno(1,2,3-cd)pyrene	28.96	276	1286077	45.14	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1119410	40.92	ng	#	98
88) Benzo(k)fluoranthene	24.14	252	1111848	40.92	ng	#	98
89) Benzo(a)pyrene	24.98	252	1094359	41.38	ng	#	97
90) Dibenzo(a,h)anthracene	29.02	278	1050739	39.79	ng	#	95
91) Benzo(g,h,i)perylene	30.17	276	1059854	39.83	ng	#	95

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

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