Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022720.D
Acq On : 30 Jun 2016 10:22
Operator : UM/SJ
Sample : PB91664BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91664BS

Quant Time: Jun 30 14:33:30 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	8.17	152	97477	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	436231	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	379866	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1078402	20.00	ng		0.01
75) Chrysene-d12	21.86	240	1176607	20.00	ng		0.01
86) Perylene-d12	25.23	264	1208378	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	692657	113.97	ng		0.00
7) Phenol-d6	7.33	99	1060743	123.83	ng		0.03
23) Nitrobenzene-d5	9.34	82	698603	67.78	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	734382	122.91	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1584495	66.15	ng		0.00
78) Terphenyl-d14	20.16	244	2807576	63.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	62336	25.31	ng		95
3) Pyridine	3.99	79	107425	15.59	ng	#	84
4) n-Nitrosodimethylamine	3.89	42	50766	12.88	ng		94
6) Aniline	7.49	93	126903	11.17	ng		93
8) 2-Chlorophenol	7.74	128	119183	18.93	ng		96
9) Benzaldehyde	7.30	77	93672	31.07	ng		93
10) Phenol	7.35	94	185380	20.48	ng		88
11) bis(2-Chloroethyl)ether	7.58	93	119586	16.05	ng		98
12) 1,3-Dichlorobenzene	8.06	146	120757	15.76	ng		93
13) 1,4-Dichlorobenzene	8.20	146	124761	16.25	ng		93
14) 1,2-Dichlorobenzene	8.53	146	121961	16.70	ng		87
15) Benzyl Alcohol	8.41	79	160139	20.20	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	135192	16.40	ng		97
17) 2-Methylphenol	8.62	107	118955	19.93	ng		93
18) Hexachloroethane	9.26	117	51083	16.07	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	119959	16.82	ng	#	97
20) 3+4-Methylphenols	8.94	107	172020	20.93	ng		90
22) Acetophenone	8.99	105	206552	16.38	ng	#	92
24) Nitrobenzene	9.38	77	183437	16.10	ng		97
25) Isophorone	9.90	82	322192	16.10	ng		98
26) 2-Nitrophenol	10.10	139	69597	16.96	ng		94
27) 2,4-Dimethylphenol	10.15	122	139474	17.79	ng		82
28) bis(2-Chloroethoxy)methane	10.39	93	185693	17.00	ng	#	98
29) 2,4-Dichlorophenol	10.64	162	154765	20.26	ng		97
30) 1,2,4-Trichlorobenzene	10.86	180	149492	16.48	ng		94
31) Naphthalene	11.05	128	381571	17.40	ng		96
32) Benzoic acid	10.26	122	105925	23.58	ng		93
33) 4-Chloroaniline	11.16	127	70515	7.47	ng		93
34) Hexachlorobutadiene	11.33	225	109659	15.56	ng		92
35) Caprolactam	11.92	113	60655m	25.21	ng		
36) 4-Chloro-3-methylphenol	12.27	107	206996	22.08	ng		94
37) 2-Methylnaphthalene	12.64	142	309972	18.23	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	212249	14.80	ng		99
40) Hexachlorocyclopentadiene	12.98	237	423819	37.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	165259	17.97	ng		94
43) 2,4,5-Trichlorophenol	13.32	196	174764	18.16	ng		97
45) 1,1'-Biphenyl	13.64	154	453180	15.66	ng		100
46) 2-Chloronaphthalene	13.69	162	368722	15.49	ng		100
47) 2-Nitroaniline	13.89	65	165113	17.97	ng		97
48) Acenaphthylene	14.53	152	583519	16.90	ng		99
49) Dimethylphthalate	14.26	163	557215	17.68	ng		98
50) 2,6-Dinitrotoluene	14.38	165	117571	17.17	ng		87
51) Acenaphthene	14.87	154	390137	15.33	ng		91
52) 3-Nitroaniline	14.72	138	79836	12.46	ng		94
53) 2,4-Dinitrophenol	14.92	184	228492	54.18	ng		94
54) Dibenzofuran	15.21	168	651266	17.67	ng		96
55) 4-Nitrophenol	15.03	139	295697	54.58	ng		98
56) 2,4-Dinitrotoluene	15.16	165	190314	20.06	ng	#	92
57) Fluorene	15.86	166	545537	18.55	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	198215m	19.87	ng		
59) Diethylphthalate	15.61	149	602527	18.60	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	328452	18.76	ng		95
61) 4-Nitroaniline	15.88	138	123173	18.63	ng	#	85
62) Azobenzene	16.14	77	613023	17.47	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	122399	16.92	ng		91
65) n-Nitrosodiphenylamine	16.06	169	530273	16.90	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	235837	16.86	ng		92
67) Hexachlorobenzene	16.86	284	244044	16.50	ng		99
68) Atrazine	17.01	200	237043	17.89	ng		96
69) Pentachlorophenol	17.21	266	460408	45.23	ng		98
70) Phenanthrene	17.61	178	1001692	18.21	ng		97
71) Anthracene	17.70	178	996704	17.61	ng		97
72) Carbazole	17.97	167	848751	17.69	ng		96
73) Di-n-butylphthalate	18.51	149	1011958	18.11	ng		95
74) Fluoranthene	19.61	202	1161743	18.34	ng		95
76) Benzidine	19.79	184	646853	51.64	ng		97
77) Pyrene	19.97	202	1187897	18.96	ng		93
79) Butylbenzylphthalate	20.84	149	460348	16.97	ng		97
80) Benzo(a)anthracene	21.84	228	1231000	18.91	ng		93
81) 3,3'-Dichlorobenzidine	21.75	252	265330	9.87	ng	#	97
82) Chrysene	21.91	228	1173689	19.18	ng		96
83) Bis(2-ethylhexyl)phthalate	21.73	149	612536	16.04	ng		98
84) Di-n-octyl phthalate	22.99	149	1046126	16.61	ng		96
85) Indeno(1,2,3-cd)pyrene	29.08	276	1327808	16.52	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1281123	17.63	ng		97
88) Benzo(k)fluoranthene	24.22	252	1251358m	18.22	ng		
89) Benzo(a)pyrene	25.06	252	1207132	17.04	ng		98
90) Dibenzo(a,h)anthracene	29.16	278	1112078	16.68	ng	#	97
91) Benzo(g,h,i)perylene	30.29	276	1056844	15.57	ng	#	97

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

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