Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022345.D
Acq On : 14 Jun 2016 21:46
Operator : UM/SJ
Sample : PB91321BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91321BS

Quant Time: Jun 15 03:31:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21276	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	112138	20.00	ng		-0.01
38) Acenaphthene-d10	14.71	164	72197	20.00	ng		-0.01
63) Phenanthrene-d10	17.46	188	186817	20.00	ng		-0.01
75) Chrysene-d12	21.73	240	170134	20.00	ng		-0.01
86) Perylene-d12	24.99	264	154544	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	171519	155.87	ng		-0.02
7) Phenol-d6	7.24	99	264747	153.02	ng		-0.01
23) Nitrobenzene-d5	9.24	82	139665	86.83	ng		-0.02
41) 2,4,6-Tribromophenol	16.20	330	106062	130.01	ng		-0.02
44) 2-Fluorobiphenyl	13.33	172	371885	78.50	ng		-0.01
78) Terphenyl-d14	20.05	244	607889	84.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	15315	29.03	ng	#	56
3) Pyridine	3.85	79	49154	34.47	ng		97
4) n-Nitrosodimethylamine	3.77	42	14646	45.94	ng		88
6) Aniline	7.39	93	48155	21.91	ng	#	82
8) 2-Chlorophenol	7.63	128	72000	47.34	ng	#	81
10) Phenol	7.26	94	90775	50.89	ng		84
11) bis(2-Chloroethyl)ether	7.49	93	59084	41.54	ng	#	77
12) 1,3-Dichlorobenzene	7.96	146	63329	38.84	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	64214	39.53	ng		93
14) 1,2-Dichlorobenzene	8.43	146	64664	39.49	ng		97
15) Benzyl Alcohol	8.31	79	52770	47.21	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.61	45	66059	44.77	ng		88
17) 2-Methylphenol	8.52	107	66796	50.18	ng	#	88
18) Hexachloroethane	9.15	117	23915	40.32	ng	#	81
19) n-Nitroso-di-n-propylamine	8.88	70	50226	42.88	ng	#	67
20) 3+4-Methylphenols	8.85	107	89435	46.84	ng		98
22) Acetophenone	8.90	105	96076	39.76	ng	#	83
24) Nitrobenzene	9.29	77	70265	43.44	ng	#	86
25) Isophorone	9.81	82	149183	39.64	ng	#	92
26) 2-Nitrophenol	10.01	139	39565	45.11	ng	#	76
27) 2,4-Dimethylphenol	10.06	122	75489	47.55	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	89984	41.74	ng		92
29) 2,4-Dichlorophenol	10.55	162	70120	47.68	ng		97
30) 1,2,4-Trichlorobenzene	10.75	180	63225	38.47	ng		94
31) Naphthalene	10.94	128	223164	39.87	ng	#	97
32) Benzoic acid	10.21	122	24608	46.06	ng		90
33) 4-Chloroaniline	11.06	127	26103	11.22	ng	#	90
34) Hexachlorobutadiene	11.22	225	32778	37.15	ng		93
35) Caprolactam	11.83	113	35013m	43.40	ng		
36) 4-Chloro-3-methylphenol	12.18	107	86786	49.79	ng		89
37) 2-Methylnaphthalene	12.54	142	165485	40.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	70002	37.67	ng		98
40) Hexachlorocyclopentadiene	12.88	237	42954	47.56	ng		99
42) 2,4,6-Trichlorophenol	13.15	196	56064	44.97	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	62461	45.35	ng		95
45) 1,1'-Biphenyl	13.54	154	220063	40.50	ng		94
46) 2-Chloronaphthalene	13.59	162	171103	41.08	ng		95
47) 2-Nitroaniline	13.80	65	49446	49.79	ng	#	58
48) Acenaphthylene	14.44	152	300677	41.14	ng		97
49) Dimethylphthalate	14.16	163	242774	40.56	ng		98
50) 2,6-Dinitrotoluene	14.29	165	56331	43.29	ng	#	79
51) Acenaphthene	14.77	154	177158	40.46	ng		97
52) 3-Nitroaniline	14.63	138	26109	18.09	ng	#	81
53) 2,4-Dinitrophenol	14.84	184	44492	83.22	ng	#	77
54) Dibenzofuran	15.11	168	282888	41.40	ng		98
55) 4-Nitrophenol	14.95	139	94164	94.53	ng	#	72
56) 2,4-Dinitrotoluene	15.08	165	83004	47.55	ng	#	85
57) Fluorene	15.76	166	247735	42.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	56661	45.86	ng		99
59) Diethylphthalate	15.51	149	273174	42.72	ng		100
60) 4-Chlorophenyl-phenylether	15.74	204	109333	41.02	ng		95
61) 4-Nitroaniline	15.79	138	63238	41.31	ng	#	80
62) Azobenzene	16.03	77	223699	46.19	ng		89
64) 4,6-Dinitro-2-methylphenol	15.85	198	40080	42.96	ng		82
65) n-Nitrosodiphenylamine	15.96	169	222413	41.33	ng		99
66) 4-Bromophenyl-phenylether	16.63	248	68162	38.94	ng		97
67) Hexachlorobenzene	16.76	284	73929	36.24	ng		98
68) Atrazine	16.90	200	79612	39.96	ng		97
69) Pentachlorophenol	17.11	266	65291	71.39	ng		98
70) Phenanthrene	17.50	178	412351	40.64	ng		99
71) Anthracene	17.59	178	414212	41.16	ng		98
72) Carbazole	17.86	167	390175	40.94	ng		97
73) Di-n-butylphthalate	18.40	149	533119	42.79	ng		99
74) Fluoranthene	19.50	202	468650	40.18	ng		96
76) Benzidine	19.68	184	137182	30.83	ng		98
77) Pyrene	19.86	202	467316	44.18	ng		99
79) Butylbenzylphthalate	20.73	149	230936	47.08	ng		94
80) Benzo(a)anthracene	21.71	228	394428	41.34	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	65693	24.53	ng		99
82) Chrysene	21.77	228	377668	40.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	326145	45.21	ng		95
84) Di-n-octyl phthalate	22.80	149	542277	45.28	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.75	276	404691	38.86	ng		98
87) Benzo(b)fluoranthene	23.95	252	367013	40.72	ng	#	95
88) Benzo(k)fluoranthene	24.02	252	371245	41.84	ng	#	97
89) Benzo(a)pyrene	24.84	252	360081	41.78	ng	#	96
90) Dibenzo(a,h)anthracene	28.79	278	334760	41.24	ng	#	93
91) Benzo(g,h,i)perylene	29.92	276	337957	40.02	ng	#	94

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

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