Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022344.D
Acq On : 14 Jun 2016 21:06
Operator : UM/SJ
Sample : PB91309BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91309BS

Quant Time: Jun 15 03:30:09 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	20822	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	112412	20.00	ng		-0.02
38) Acenaphthene-d10	14.71	164	77972	20.00	ng		-0.02
63) Phenanthrene-d10	17.46	188	202577	20.00	ng		-0.01
75) Chrysene-d12	21.73	240	173140	20.00	ng		-0.01
86) Perylene-d12	25.00	264	159976	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	141864	131.73	ng		-0.02
7) Phenol-d6	7.23	99	217787	128.62	ng		-0.02
23) Nitrobenzene-d5	9.24	82	114472	71.00	ng		-0.02
41) 2,4,6-Tribromophenol	16.20	330	95739	108.67	ng		-0.02
44) 2-Fluorobiphenyl	13.33	172	319194	62.39	ng		-0.01
78) Terphenyl-d14	20.05	244	520790	71.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	13698	26.53	ng	#	77
3) Pyridine	3.86	79	41057	29.42	ng		95
4) n-Nitrosodimethylamine	3.77	42	11879	38.07	ng	#	82
6) Aniline	7.39	93	39906	18.55	ng	#	86
8) 2-Chlorophenol	7.63	128	58820	39.52	ng	#	80
10) Phenol	7.26	94	75220	43.09	ng		83
11) bis(2-Chloroethyl)ether	7.48	93	48182	34.62	ng	#	73
12) 1,3-Dichlorobenzene	7.96	146	52199	32.71	ng	#	94
13) 1,4-Dichlorobenzene	8.10	146	53301	33.53	ng		93
14) 1,2-Dichlorobenzene	8.43	146	53331	33.28	ng		92
15) Benzyl Alcohol	8.32	79	42810	39.13	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	53091	36.76	ng		84
17) 2-Methylphenol	8.53	107	53520	41.08	ng	#	84
18) Hexachloroethane	9.16	117	19624	33.81	ng	#	84
19) n-Nitroso-di-n-propylamine	8.87	70	41247	35.99	ng	#	70
20) 3+4-Methylphenols	8.86	107	73643	39.41	ng		97
22) Acetophenone	8.90	105	79518	32.83	ng	#	82
24) Nitrobenzene	9.28	77	59147	36.48	ng	#	83
25) Isophorone	9.81	82	124888	33.11	ng		94
26) 2-Nitrophenol	10.00	139	32437	36.89	ng	#	78
27) 2,4-Dimethylphenol	10.06	122	63277	39.76	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	75202	34.80	ng		91
29) 2,4-Dichlorophenol	10.55	162	59984	40.69	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	52479	31.86	ng		90
31) Naphthalene	10.94	128	184574	32.89	ng	#	96
32) Benzoic acid	10.20	122	22884	43.82	ng	#	85
33) 4-Chloroaniline	11.06	127	25236	10.82	ng	#	88
34) Hexachlorobutadiene	11.21	225	27234	30.79	ng		94
35) Caprolactam	11.82	113	31640m	39.12	ng		
36) 4-Chloro-3-methylphenol	12.18	107	74775	42.79	ng	#	83
37) 2-Methylnaphthalene	12.54	142	139504	33.68	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	60290	30.04	ng		99
40) Hexachlorocyclopentadiene	12.88	237	33208	35.51	ng		97
42) 2,4,6-Trichlorophenol	13.16	196	49235	36.57	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	53392	35.89	ng		93
45) 1,1'-Biphenyl	13.54	154	189579	32.31	ng		96
46) 2-Chloronaphthalene	13.59	162	148576	33.03	ng		97
47) 2-Nitroaniline	13.80	65	44275	41.28	ng	#	63
48) Acenaphthylene	14.44	152	266356	33.75	ng		98
49) Dimethylphthalate	14.16	163	222756	34.46	ng		99
50) 2,6-Dinitrotoluene	14.29	165	51489	36.64	ng	#	77
51) Acenaphthene	14.77	154	158413	33.50	ng		96
52) 3-Nitroaniline	14.63	138	25669	16.47	ng		81
53) 2,4-Dinitrophenol	14.84	184	38636	69.05	ng	#	73
54) Dibenzofuran	15.11	168	255426	34.61	ng		99
55) 4-Nitrophenol	14.95	139	77981	72.49	ng	#	77
56) 2,4-Dinitrotoluene	15.08	165	75080	39.83	ng	#	83
57) Fluorene	15.75	166	221684	34.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	48483	36.34	ng		98
59) Diethylphthalate	15.51	149	249682	36.15	ng		100
60) 4-Chlorophenyl-phenylether	15.74	204	99387	34.52	ng		94
61) 4-Nitroaniline	15.79	138	56886	34.41	ng	#	80
62) Azobenzene	16.04	77	203530	38.92	ng		89
64) 4,6-Dinitro-2-methylphenol	15.85	198	35094	35.75	ng	#	84
65) n-Nitrosodiphenylamine	15.96	169	199436	34.18	ng		99
66) 4-Bromophenyl-phenylether	16.63	248	61905	32.61	ng		99
67) Hexachlorobenzene	16.76	284	66996	30.28	ng		98
68) Atrazine	16.91	200	70345	32.56	ng		99
69) Pentachlorophenol	17.11	266	55721	57.63	ng		98
70) Phenanthrene	17.50	178	365522	33.22	ng		98
71) Anthracene	17.59	178	364091	33.37	ng		98
72) Carbazole	17.86	167	343977	33.28	ng		97
73) Di-n-butylphthalate	18.40	149	458387	33.93	ng		99
74) Fluoranthene	19.50	202	405790	32.08	ng		96
76) Benzidine	19.68	184	115819	25.58	ng		98
77) Pyrene	19.87	202	400338	37.19	ng		99
79) Butylbenzylphthalate	20.73	149	197259	39.52	ng		92
80) Benzo(a)anthracene	21.71	228	336422	34.65	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	55172	20.24	ng		98
82) Chrysene	21.78	228	322566	34.14	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	279246	38.04	ng		96
84) Di-n-octyl phthalate	22.80	149	463109	38.00	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.73	276	342933	32.36	ng	#	69
87) Benzo(b)fluoranthene	23.96	252	330662	35.44	ng	#	97
88) Benzo(k)fluoranthene	24.02	252	301625	32.84	ng	#	97
89) Benzo(a)pyrene	24.84	252	307540	34.47	ng	#	96
90) Dibenzo(a,h)anthracene	28.80	278	283071	33.69	ng		97
91) Benzo(g,h,i)perylene	29.92	276	289618	33.13	ng	#	93

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

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