

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020069.D
 Acq On : 10 Dec 2015 8:47
 Operator : UM/SJ
 Sample : G4683-02MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

Quant Time: Dec 10 10:18:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19488	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	83912	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57891	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141319	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	172151	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162541	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	167810	155.63	ng	-0.01
7) Phenol-d6	7.26	99	249816	153.45	ng	-0.01
23) Nitrobenzene-d5	9.28	82	161472	98.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	124883	140.99	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	356163	84.00	ng	-0.02
78) Terphenyl-d14	20.08	244	609633	86.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	15976	38.03	ng	# 100
3) Pyridine	3.92	79	49902	39.12	ng	# 89
4) n-Nitrosodimethylamine	3.84	42	26730	39.84	ng	# 85
6) Aniline	7.43	93	47441	22.50	ng	# 91
8) 2-Chlorophenol	7.67	128	66730	50.75	ng	# 97
9) Benzaldehyde	7.24	77	45666	42.06	ng	# 94
10) Phenol	7.29	94	94244	55.00	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	58751	46.30	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	65660	44.06	ng	# 96
13) 1,4-Dichlorobenzene	8.14	146	68149	44.28	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	66661	45.41	ng	# 94
15) Benzyl Alcohol	8.34	79	70382	49.27	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	87259	42.16	ng	# 96
17) 2-Methylphenol	8.55	107	62475	51.65	ng	# 92
18) Hexachloroethane	9.20	117	24866	43.14	ng	# 94
19) n-Nitroso-di-n-propylamine	8.92	70	54666	42.58	ng	# 91
20) 3+4-Methylphenols	8.88	107	85560	50.23	ng	# 94
22) Acetophenone	8.94	105	102768	44.68	ng	# 93
24) Nitrobenzene	9.32	77	85536	47.96	ng	# 92
25) Isophorone	9.84	82	150821	42.79	ng	# 97
26) 2-Nitrophenol	10.03	139	38908	56.49	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	65459	45.63	ng	# 94
28) bis(2-Chloroethoxy)methane	10.32	93	86550	50.25	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	78746	53.74	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	77186	46.61	ng	# 97
31) Naphthalene	10.98	128	211827	47.12	ng	# 99
32) Benzoic acid	10.15	122	3985	9.61	ng	# 91
33) 4-Chloroaniline	11.08	127	31192	15.75	ng	# 89
34) Hexachlorobutadiene	11.26	225	52961	43.35	ng	# 100
35) Caprolactam	11.86	113	25178m	46.16	ng	# 95
36) 4-Chloro-3-methylphenol	12.20	107	87478	47.93	ng	# 94
37) 2-Methylnaphthalene	12.57	142	159712	48.48	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	102328	46.58	ng	# 98
40) Hexachlorocyclopentadiene	12.92	237	94215	75.21	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	72529	49.87	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	79088	51.45	nq	97
45) 1,1'-Biphenyl	13.58	154	213583	44.96	nq	98
46) 2-Chloronaphthalene	13.62	162	171399	46.80	nq	96
47) 2-Nitroaniline	13.82	65	61354	53.05	nq	89
48) Acenaphthylene	14.47	152	281551	45.14	nq	99
49) Dimethylphthalate	14.19	163	332118	63.78	nq	99
50) 2,6-Dinitrotoluene	14.31	165	50971	52.06	nq	# 87
51) Acenaphthene	14.81	154	179740	47.49	nq	98
52) 3-Nitroaniline	14.64	138	36191	35.58	nq	97
53) 2,4-Dinitrophenol	14.84	184	31000	61.87	nq	# 85
54) Dibenzofuran	15.14	168	279066	49.56	nq	93
55) 4-Nitrophenol	14.94	139	82770	93.43	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	72288	52.92	nq	# 93
57) Fluorene	15.79	166	222199	44.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	75679	53.20	nq	96
59) Diethylphthalate	15.55	149	232812	41.31	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	124752	43.11	nq	97
61) 4-Nitroaniline	15.81	138	50716	44.33	nq	# 77
62) Azobenzene	16.06	77	212849	45.39	nq	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	35738	45.39	nq	95
65) n-Nitrosodiphenylamine	15.99	169	201354	49.24	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	81845	46.61	nq	100
67) Hexachlorobenzene	16.79	284	88488	48.37	nq	97
68) Atrazine	16.93	200	84785	47.72	nq	98
69) Pentachlorophenol	17.13	266	109179	102.26	nq	94
70) Phenanthrene	17.53	178	371493	46.46	nq	96
71) Anthracene	17.61	178	376230	46.20	nq	96
72) Carbazole	17.88	167	338370	47.16	nq	97
73) Di-n-butylphthalate	18.43	149	387330	44.05	nq	99
74) Fluoranthene	19.52	202	462470	45.22	nq	94
76) Benzidine	19.70	184	83814	14.82	nq	97
77) Pyrene	19.89	202	473474	46.75	nq	96
79) Butylbenzylphthalate	20.76	149	180348	45.43	nq	98
80) Benzo(a)anthracene	21.73	228	483957	45.93	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	104323	25.99	nq	98
82) Chrysene	21.80	228	438559	43.83	nq	95
83) Bis(2-ethylhexyl)phthalate	21.63	149	264803	45.45	nq	# 96
84) Di-n-octyl phthalate	22.86	149	455172	48.06	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.78	276	531731	48.24	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	471194	45.74	nq	# 94
88) Benzo(k)fluoranthene	24.06	252	452109	44.31	nq	# 94
89) Benzo(a)pyrene	24.88	252	453557	46.37	nq	# 95
90) Dibenzo(a,h)anthracene	28.84	278	440349	45.57	nq	# 94
91) Benzo(g,h,i)perylene	29.95	276	423809	44.67	nq	# 90

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

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