

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016511.D
 Acq On : 18 Apr 2015 7:10
 Operator : TP/IZ
 Sample : PB82837BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82837BS

Quant Time: Apr 20 02:30:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	69202	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	301411	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	175653	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	353556	20.00	ng	0.00
75) Chrysene-d12	21.23	240	306956	20.00	ng	0.00
86) Perylene-d12	23.45	264	290534	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	508050	115.86	ng	0.00
7) Phenol-d6	6.85	99	700262	106.38	ng	0.00
23) Nitrobenzene-d5	8.82	82	364143	69.99	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	138057	116.22	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	794131	76.97	ng	0.00
78) Terphenyl-d14	19.67	244	920642	70.20	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	51602	25.89	ng	99
3) Pyridine	3.52	79	152398	25.58	ng	96
4) n-Nitrosodimethylamine	3.45	42	52518	29.65	ng	99
6) Aniline	6.99	93	180358	19.19	ng	98
8) 2-Chlorophenol	7.23	128	196832	37.38	ng	94
9) Benzaldehyde	6.80	77	31097	8.07	ng	92
10) Phenol	6.88	94	244646	34.74	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	174680	31.11	ng	97
12) 1,3-Dichlorobenzene	7.55	146	181716	34.17	ng	95
13) 1,4-Dichlorobenzene	7.69	146	186245	33.76	ng	98
14) 1,2-Dichlorobenzene	8.01	146	178091	33.76	ng	98
15) Benzyl Alcohol	7.90	79	141382	30.81	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	182542	28.86	ng	96
17) 2-Methylphenol	8.12	107	163754	34.67	ng	96
18) Hexachloroethane	8.73	117	67238	31.86	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	127862	27.11	ng	97
20) 3+4-Methylphenols	8.44	107	219984	33.63	ng	98
22) Acetophenone	8.48	105	246711	35.30	ng	# 97
24) Nitrobenzene	8.86	77	182832	32.86	ng	94
25) Isophorone	9.37	82	354363	30.67	ng	97
26) 2-Nitrophenol	9.57	139	104692	40.35	ng	96
27) 2,4-Dimethylphenol	9.63	122	192278	39.79	ng	97
28) bis(2-Chloroethoxy)methane	9.86	93	223430	33.88	ng	98
29) 2,4-Dichlorophenol	10.10	162	162954	42.61	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	154306	38.65	ng	100
31) Naphthalene	10.50	128	560728	35.70	ng	100
32) Benzoic acid	9.79	122	45667	20.58	ng	93
33) 4-Chloroaniline	10.61	127	141444	19.19	ng	95
34) Hexachlorobutadiene	10.78	225	67312	38.38	ng	97
35) Caprolactam	11.38	113	85428	35.48	ng	96
36) 4-Chloro-3-methylphenol	11.75	107	191805	37.97	ng	94
37) 2-Methylnaphthalene	12.11	142	413331	36.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	143346	37.07	ng	99
40) Hexachlorocyclopentadiene	12.47	237	117146	66.18	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	111095	38.66	ng	99
43) 2,4,5-Trichlorophenol	12.81	196	121620	39.61	ng	97
45) 1,1'-Biphenyl	13.13	154	500595	37.15	ng	98
46) 2-Chloronaphthalene	13.18	162	378809	36.91	ng	99
47) 2-Nitroaniline	13.39	65	115935	35.04	ng	89
48) Acenaphthylene	14.02	152	656606	35.97	ng	99
49) Dimethylphthalate	13.76	163	465085	36.13	ng	99
50) 2,6-Dinitrotoluene	13.89	165	116779	37.51	ng	96
51) Acenaphthene	14.37	154	397050	36.40	ng	99
52) 3-Nitroaniline	14.22	138	95691	24.07	ng	92
53) 2,4-Dinitrophenol	14.43	184	75780	45.97	ng	95
54) Dibenzofuran	14.70	168	572671	37.84	ng	98
55) 4-Nitrophenol	14.54	139	210504	64.06	ng	98
56) 2,4-Dinitrotoluene	14.68	165	165155	38.94	ng	91
57) Fluorene	15.35	166	493542	36.96	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	91708	38.70	ng	94
59) Diethylphthalate	15.13	149	491651	35.88	ng	99
60) 4-Chlorophenyl-phenylether	15.34	204	203978	37.34	ng	97
61) 4-Nitroaniline	15.39	138	150208	33.28	ng	98
62) Azobenzene	15.64	77	499986	34.28	ng	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	76399	32.10	ng	89
65) n-Nitrosodiphenylamine	15.57	169	442415	37.02	ng	99
66) 4-Bromophenyl-phenylether	16.24	248	105426	37.35	ng	98
67) Hexachlorobenzene	16.35	284	108950	37.13	ng	98
68) Atrazine	16.52	200	136106	40.86	ng	98
69) Pentachlorophenol	16.70	266	101311	56.55	ng	100
70) Phenanthrene	17.09	178	740104	37.22	ng	100
71) Anthracene	17.18	178	747899	37.95	ng	100
72) Carbazole	17.45	167	756378	38.24	ng	98
73) Di-n-butylphthalate	18.01	149	901471	37.25	ng	99
74) Fluoranthene	19.10	202	760019	37.08	ng	97
76) Benzidine	19.30	184	250147	19.22	ng	97
77) Pyrene	19.47	202	798896	37.38	ng	100
79) Butylbenzylphthalate	20.37	149	419567	39.95	ng	95
80) Benzo(a)anthracene	21.21	228	680880	37.53	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	162016	27.16	ng	99
82) Chrysene	21.26	228	646176	36.89	ng	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	582420	40.97	ng	98
84) Di-n-octyl phthalate	22.01	149	963653	41.61	ng	98
85) Indeno(1,2,3-cd)pyrene	25.73	276	719898	39.57	ng	98
87) Benzo(b)fluoranthene	22.78	252	665362	39.10	ng	99
88) Benzo(k)fluoranthene	22.83	252	617112	37.06	ng	98
89) Benzo(a)pyrene	23.36	252	628354	39.40	ng	100
90) Dibenzo(a,h)anthracene	25.73	278	597842	38.52	ng	98
91) Benzo(g,h,i)perylene	26.42	276	609698	39.33	ng	97

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

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