

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023304.D
 Acq On : 28 Jul 2016 5:00
 Operator : UM/SJ
 Sample : PB92411BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BSD

Quant Time: Jul 28 05:36:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	177887	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	795952	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	548114	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1235390	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1239901	20.00	ng	0.00
86) Perylene-d12	25.30	264	1259974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	1424641	136.72	ng	0.00
7) Phenol-d6	7.29	99	2117939	132.39	ng	0.00
23) Nitrobenzene-d5	9.32	82	1367002	83.99	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	914746	161.24	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2624681	89.62	ng	0.00
78) Terphenyl-d14	20.18	244	3298448	86.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	141451	31.65	ng	# 93
3) Pyridine	3.94	79	454773	29.08	ng	# 91
4) n-Nitrosodimethylamine	3.85	42	202738	28.69	ng	# 71
6) Aniline	7.46	93	808210	37.82	ng	93
8) 2-Chlorophenol	7.70	128	524552	45.12	ng	97
9) Benzaldehyde	7.26	77	107039	9.31	ng	94
10) Phenol	7.32	94	764620	45.30	ng	83
11) bis(2-Chloroethyl)ether	7.54	93	534273	37.24	ng	94
12) 1,3-Dichlorobenzene	8.03	146	512410	39.11	ng	# 93
13) 1,4-Dichlorobenzene	8.17	146	532507	39.84	ng	92
14) 1,2-Dichlorobenzene	8.50	146	510232	39.57	ng	94
15) Benzyl Alcohol	8.38	79	532755	49.48	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	778818	34.11	ng	90
17) 2-Methylphenol	8.58	107	514393	44.58	ng	# 90
18) Hexachloroethane	9.23	117	199838	35.89	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	525469	36.52	ng	98
20) 3+4-Methylphenols	8.91	107	712904	45.44	ng	90
22) Acetophenone	8.97	105	832636	40.07	ng	# 89
24) Nitrobenzene	9.36	77	721154	38.15	ng	# 87
25) Isophorone	9.88	82	1349876	40.15	ng	# 93
26) 2-Nitrophenol	10.08	139	317913	44.53	ng	# 73
27) 2,4-Dimethylphenol	10.13	122	568437	47.24	ng	# 83
28) bis(2-Chloroethoxy)methane	10.36	93	788163	41.78	ng	97
29) 2,4-Dichlorophenol	10.62	162	567913	48.75	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	533891	41.47	ng	97
31) Naphthalene	11.03	128	1576547	42.63	ng	98
32) Benzoic acid	10.27	122	366525	39.20	ng	90
33) 4-Chloroaniline	11.13	127	437707	25.62	ng	90
34) Hexachlorobutadiene	11.30	225	337256	39.97	ng	97
35) Caprolactam	11.92	113	231938	46.82	ng	95
36) 4-Chloro-3-methylphenol	12.26	107	694375	45.37	ng	93
37) 2-Methylnaphthalene	12.63	142	1216841	44.37	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	631369	35.58	ng	98
40) Hexachlorocyclopentadiene	12.97	237	828131	98.49	ng	98

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42) 2,4,6-Trichlorophenol	13.24	196	493722	47.37	nq	97
43) 2,4,5-Trichlorophenol	13.32	196	518469	46.89	nq	90
45) 1,1'-Biphenyl	13.64	154	1612046	42.17	nq	92
46) 2-Chloronaphthalene	13.68	162	1282733	41.88	nq	96
47) 2-Nitroaniline	13.89	65	550018	42.45	nq	89
48) Acenaphthylene	14.53	152	2027466	43.23	nq	94
49) Dimethylphthalate	14.25	163	1668889	41.26	nq	# 96
50) 2,6-Dinitrotoluene	14.38	165	410437	43.33	nq	# 79
51) Acenaphthene	14.87	154	1297809	42.66	nq	96
52) 3-Nitroaniline	14.72	138	385248	40.38	nq	78
53) 2,4-Dinitrophenol	14.93	184	508275	91.65	nq	90
54) Dibenzofuran	15.21	168	2001605	46.50	nq	97
55) 4-Nitrophenol	15.03	139	715654	86.48	nq	# 76
56) 2,4-Dinitrotoluene	15.17	165	596182	44.70	nq	91
57) Fluorene	15.86	166	1647304	43.34	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	499152	53.33	nq	93
59) Diethylphthalate	15.61	149	1718324	41.47	nq	95
60) 4-Chlorophenyl-phenylether	15.85	204	868434	42.21	nq	97
61) 4-Nitroaniline	15.89	138	460927	46.08	nq	# 63
62) Azobenzene	16.14	77	1920118	44.70	nq	90
64) 4,6-Dinitro-2-methylphenol	15.94	198	360126	45.39	nq	96
65) n-Nitrosodiphenylamine	16.07	169	1567020	47.51	nq	93
66) 4-Bromophenyl-phenylether	16.75	248	593545	47.52	nq	97
67) Hexachlorobenzene	16.87	284	607925	48.40	nq	95
68) Atrazine	17.02	200	597861	47.26	nq	97
69) Pentachlorophenol	17.22	266	751761	96.98	nq	98
70) Phenanthrene	17.61	178	2570285	47.57	nq	95
71) Anthracene	17.71	178	2590629	47.45	nq	92
72) Carbazole	17.98	167	2424404	48.48	nq	95
73) Di-n-butylphthalate	18.52	149	2643282	47.38	nq	# 97
74) Fluoranthene	19.63	202	2774326	44.99	nq	88
76) Benzidine	19.81	184	2025417	58.08	nq	96
77) Pyrene	19.99	202	2806918	39.89	nq	93
79) Butylbenzylphthalate	20.87	149	1335378	43.14	nq	98
80) Benzo(a)anthracene	21.88	228	2826568	43.54	nq	97
81) 3,3'-Dichlorobenzidine	21.78	252	877676	33.35	nq	# 93
82) Chrysene	21.94	228	2626037	41.87	nq	91
83) Bis(2-ethylhexyl)phthalate	21.75	149	1853544	42.79	nq	96
84) Di-n-octyl phthalate	23.03	149	3087373	43.57	nq	99
85) Indeno(1,2,3-cd)pyrene	29.20	276	3601154	49.22	nq	# 100
87) Benzo(b)fluoranthene	24.22	252	3029603	45.26	nq	# 92
88) Benzo(k)fluoranthene	24.29	252	2886163	43.13	nq	# 92
89) Benzo(a)pyrene	25.14	252	2938908	44.81	nq	# 94
90) Dibenzo(a,h)anthracene	29.27	278	2967785	47.83	nq	# 89
91) Benzo(g,h,i)perylene	30.44	276	2985319	45.70	nq	# 90

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

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