

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
 Data File : BG020137.D
 Acq On : 13 Dec 2015 10:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 14 01:25:49 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	8.10	152	21310	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	94586	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	67264	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	174497	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	192531	20.00	ng	-0.05
86) Perylene-d12	25.01	264	180958	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	96357	81.72	ng	-0.02
7) Phenol-d6	7.25	99	146618	82.36	ng	-0.02
23) Nitrobenzene-d5	9.27	82	154390	83.30	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	84794	82.39	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	385809	78.32	ng	-0.04
78) Terphenyl-d14	20.07	244	635534	80.52	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	20261	44.11	ng	# 100
3) Pyridine	3.91	79	60134	43.11	ng	# 90
4) n-Nitrosodimethylamine	3.82	42	27632	37.66	ng	# 88
6) Aniline	7.42	93	94164	40.85	ng	# 88
8) 2-Chlorophenol	7.66	128	58686	40.82	ng	# 94
9) Benzaldehyde	7.23	77	40501	34.12	ng	# 91
10) Phenol	7.28	94	78194	41.73	ng	# 82
11) bis(2-Chloroethyl)ether	7.51	93	57693	41.58	ng	# 90
12) 1,3-Dichlorobenzene	7.99	146	64880	39.81	ng	# 92
13) 1,4-Dichlorobenzene	8.13	146	66004	39.22	ng	# 93
14) 1,2-Dichlorobenzene	8.45	146	64202	39.99	ng	# 94
15) Benzyl Alcohol	8.34	79	59754	38.25	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	86687	38.30	ng	# 95
17) 2-Methylphenol	8.54	107	53844	40.71	ng	# 90
18) Hexachloroethane	9.19	117	24698	39.19	ng	# 87
19) n-Nitroso-di-n-propylamine	8.91	70	53712	38.26	ng	# 91
20) 3+4-Methylphenols	8.87	107	76540	41.09	ng	# 91
22) Acetophenone	8.92	105	107187	41.34	ng	# 92
24) Nitrobenzene	9.31	77	82957	41.26	ng	# 93
25) Isophorone	9.83	82	158775	39.96	ng	# 99
26) 2-Nitrophenol	10.02	139	36021	46.39	ng	# 75
27) 2,4-Dimethylphenol	10.08	122	63464	39.25	ng	# 93
28) bis(2-Chloroethoxy)methane	10.31	93	79211	40.80	ng	# 99
29) 2,4-Dichlorophenol	10.56	162	68207	41.29	ng	# 99
30) 1,2,4-Trichlorobenzene	10.77	180	73498	39.37	ng	# 99
31) Naphthalene	10.97	128	200869	39.64	ng	# 98
32) Benzoic acid	10.22	122	58261	52.78	ng	# 86
33) 4-Chloroaniline	11.07	127	89319	40.00	ng	# 93
34) Hexachlorobutadiene	11.25	225	53988	39.21	ng	# 100
35) Caprolactam	11.86	113	24831	40.38	ng	# 83
36) 4-Chloro-3-methylphenol	12.19	107	82055	39.89	ng	# 95
37) 2-Methylnaphthalene	12.57	142	143046	38.52	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	102349	40.10	ng	# 99
40) Hexachlorocyclopentadiene	12.91	237	62415	42.88	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	68791	40.71	nq	100
43) 2,4,5-Trichlorophenol	13.24	196	72627	40.66	nq	96
45) 1,1'-Biphenyl	13.57	154	215041	38.96	nq	98
46) 2-Chloronaphthalene	13.61	162	168071	39.50	nq	96
47) 2-Nitroaniline	13.81	65	58019	43.17	nq	89
48) Acenaphthylene	14.45	152	283100	39.06	nq	99
49) Dimethylphthalate	14.18	163	234666	38.78	nq	98
50) 2,6-Dinitrotoluene	14.30	165	51062	44.89	nq	# 77
51) Acenaphthene	14.79	154	165699	37.68	nq	98
52) 3-Nitroaniline	14.63	138	52171	44.14	nq	97
53) 2,4-Dinitrophenol	14.83	184	30101	53.23	nq	89
54) Dibenzofuran	15.13	168	252793	38.64	nq	95
55) 4-Nitrophenol	14.93	139	43400	42.16	nq	# 71
56) 2,4-Dinitrotoluene	15.08	165	73725	46.45	nq	# 91
57) Fluorene	15.77	166	221639	37.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	67666	40.93	nq	95
59) Diethylphthalate	15.54	149	243430	37.17	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	128163	38.12	nq	97
61) 4-Nitroaniline	15.79	138	54879	41.28	nq	# 73
62) Azobenzene	16.06	77	195211	35.83	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	47005	47.96	nq	93
65) n-Nitrosodiphenylamine	15.97	169	197035	39.02	nq	97
66) 4-Bromophenyl-phenylether	16.66	248	83970	38.73	nq	94
67) Hexachlorobenzene	16.77	284	89538	39.64	nq	99
68) Atrazine	16.92	200	81677	37.23	nq	96
69) Pentachlorophenol	17.11	266	58143	44.10	nq	94
70) Phenanthrene	17.51	178	380924	38.58	nq	98
71) Anthracene	17.61	178	387681	38.55	nq	95
72) Carbazole	17.87	167	335980	37.93	nq	96
73) Di-n-butylphthalate	18.42	149	405518	37.35	nq	98
74) Fluoranthene	19.52	202	472820	37.44	nq	94
76) Benzidine	19.69	184	229548	36.30	nq	97
77) Pyrene	19.88	202	470103	41.50	nq	96
79) Butylbenzylphthalate	20.75	149	174938	39.40	nq	99
80) Benzo(a)anthracene	21.72	228	454677	38.58	nq	98
81) 3,3'-Dichlorobenzidine	21.64	252	166227	37.03	nq	# 98
82) Chrysene	21.79	228	432117	38.62	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	250352	38.42	nq	96
84) Di-n-octyl phthalate	22.84	149	423457	39.98	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.74	276	514915	41.77	nq	# 100
87) Benzo(b)fluoranthene	23.97	252	443126	38.64	nq	# 95
88) Benzo(k)fluoranthene	24.04	252	425908	37.50	nq	# 94
89) Benzo(a)pyrene	24.85	252	423125	38.86	nq	# 93
90) Dibenzo(a,h)anthracene	28.81	278	424704	39.48	nq	# 93
91) Benzo(g,h,i)perylene	29.92	276	423644	40.11	nq	# 92

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

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